

**NEW GOLD RAINY RIVER MINE
APPENDIX B
EMRS RECORD OF CONSTRUCTION**

2022 EMRS Progressive Reclamation Record of Construction

January 13, 2023



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okane

Integrated Mine Waste Management
and Closure Services
Specialists in Geochemistry and
Unsaturated Zone Hydrology

2022 EMRS Progressive Reclamation Record of Construction

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EXECUTIVE SUMMARY

The EMRS stockpile contains potentially acid generating (PAG) rock, and it is important that the engineered closure cover system is constructed as designed to mitigate the ingress of oxygen and reduce net percolation of water, thereby lessening the release of acid leachate from the landform. The cover design includes a 0.5 m compacted clay layer (CCL) and 1.0 m non-compacted layer (NCL).

Construction Quality Assurance (CQA) remains a key component of quality management during construction. Okane Consultants Inc. (Okane) considers the role of CQA to be one of proactive defect prevention, with a focus on the process for managing quality. This differs from Construction Quality Control (CQC), which is focused on the verification of quality, traditionally through inspection and testing. CQC services for 2022 progressive reclamation on the EMRS were provided by Tulloch Engineering Inc. (Tulloch), who were on-site full-time for the duration of construction activities. CQA services were provided by Okane through a full-time on-site presence as well as through remote support when necessary. CQA included the assessment of construction specifications throughout cover system construction, regular audits of the onsite CQC and inspection activities, review of CQC testing data and observations, borehole permeameter testing, and technical support as required.

The material used for construction of the closure cover system was sourced from the open pit at the mine site and stockpiled at borrow areas for use in progressive reclamation. The variability of the material and associated compaction properties presented dynamic conditions, requiring a thorough understanding of the material properties and cover system objectives for CQC and CQA activities. Particularly, the ability to correctly characterize material type and understand the relationship between test results and hydraulic conductivities of the compacted clay layer component of the cover system continues to be a key focus of the CQC / CQA program.

A total of 1.6 ha of closure cover was constructed during the 2022 season, bringing the total reclaimed area to 13.6 ha. Further hydraulic conductivity is required within Panel 30 (0.8027 ha) following inconclusive results due to high rainfall events that occurred during testing periods. Following the completion of the in-situ testing, the accurate determination can be made if placed material has met the required level of hydraulic conductivity for the cover system to function as designed.

Key learnings from the 2022 construction season included:

- The return to utilizing four passes with the sheepsfoot roller during the compaction process resulted in a lessened need for the implementation of compactions trials to confirm adequate compaction (Section 5.1.1).

- The extension of NCL placement in the area where topsoil berms were present aided in adequate drainage off the cover system being achieved (Section 5.1.2).
- Increased panel size at the start of the 2022 season led to the inability to cover CCL lifts prior to the occurrence of desiccation (Section 5.1.3).
- Timely submission of laboratory and survey data for entry into construction data management software allowed for reduced review times and issue identification (Section 5.4).
- Completing waste rock surveys, prior to stockpiling of material within panel boundaries avoided resulting investigations and delays (Section 5.5.5).

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LIST OF ACRONYMS AND DEFINITIONS

Abbreviation	Full Text
New Gold	New Gold Inc.
Okane	Okane Consultants
Tulloch	Tulloch Engineering
Infrakit	Construction data management software
PAG	Potentially Acid Generating
CCL	Compacted Clay Layer
NCL	Non-compacted Layer
EMRS	East Mine Rock Stockpile
CQC	Construction Quality Control
CQA	Construction Quality Assurance
OWC	Optimum Water Content
NP	Net Percolation
O ₂	Oxygen
WML	Whitemouth Lake
RRM	Rainy River Mine
PSD	Particle Size Distribution
MDD	Maximum Dry Density
Technical Specifications	EMRS Cover System Operational Handbook
Panel	A section of cover constructed (CCL and NCL) in four lifts from material placed together in one section, and the adjacent key-in area.
SPMDD	Standard Proctor Maximum Dry Density
OVB	Overburden
L1	Lift 1 - First placed layer of the CCL
L2	Lift 2 - Second placed layer of the CCL
L3	Lift 3 - First placed layer of the NCL
L4	Lift 4 - Second placed layer of the NCL
TMA	Tailings Management Area

1 INTRODUCTION

New Gold Inc. (New Gold) continued to progressively reclaim the eastern lower bench slopes of the East Mine Rock Stockpile (EMRS) in 2022. The mine rock used to build the EMRS is classified as potentially acid generating (PAG). The cover system for the EMRS is a barrier type cover system which consists of a barrier layer overlain by a growth medium designed to limit net percolation (NP) and control oxygen (O₂) ingress to the rock below. The material used in construction of the cover system is sourced from the open pit; Okane has continued to update the Technical Specifications and a Cover Construction Operational Handbook specific to the use of this material on the EMRS. New Gold has retained Okane Consultants Inc. (Okane) to provide Construction Quality Assurance (CQA) services and technical guidance during the construction of the EMRS cover system in 2022. As part of this service, Okane reviewed and audited the Construction Quality Control (CQC) program completed by Tulloch Engineering Inc. (Tulloch), conducted in-situ investigations of hydraulic conductivity, assessed compliance with the Technical Specifications, provided guidance for further laboratory testing, and documented construction, CQC and CQA activities.

Okane has previously investigated the overburden (OVB) material suitability by performing a desktop characterization study, geotechnical veneer stability analysis, and field compaction trials. The OVB material sourced from the open pit is generally well-suited for construction of the required CCL but exhibits considerable variability in optimum water content (OWC) and maximum dry density (MDD). As such, careful consideration of material characteristics is required during placement to demonstrate appropriate compaction of the CCL. Accordingly, Okane has developed the EMRS Cover System Construction Operational Handbook (Okane, 2021b) to guide construction activities: including Technical Specifications and tolerances for Construction Quality Control (CQC) testing and a material selection guide to facilitate application of appropriate reference proctors. Okane continues to update this living document with increased confidence in material characteristic (dry density, clay content, and hydraulic conductivity) relationships and in response to changing field conditions using field testing and laboratory data results, as appropriate.

1.1 Project Objectives and Scope

The objectives of this project are to provide a detailed record of construction (ROC) report for the progressive reclamation closure cover system construction activities that took place on the lower bench slopes of the EMRS during the 2022 construction season. This ROC report serves to document the construction methodology, detail the CQC and CQA processes developed, record deviations from the Technical Specifications and design that could impact the closure cover system performance, and detail the CQC and CQA processes developed and implemented during this time. It is intended the ROC will be used to demonstrate the as-built conditions of the cover system and therefore provide confidence in achieving its expected long-term performance.

The scope of this project involved completion of the following tasks:

- Review of CQC daily reports, laboratory and field test results;
- Review of map data;
- Compilation of CQA reports and recommendations; and
- Evaluation of construction methods and CQC activities relative to Technical Specifications and closure cover system design objectives.

1.2 Report Organization

For convenient reference, this report has been subdivided into the following sections:

- Section 2 – describes the EMRS closure cover system design and objectives, and discusses the closure cover system quality assurance approach used for the EMRS;
- Section 3 – provides an overview of the construction scope and cover system construction activities completed during the 2022 construction season;
- Section 4 – discusses occurrences of non-compliance with the Technical Specifications for cover system construction, and associated re-work activities;
- Section 5 – provides a summary of learnings and recommendations for future programs;
- Appendix A– includes the EMRS Cover Construction Operational Handbook;
- Appendix B – provides a summary of both field and laboratory results;
- Appendix C – includes daily placement and heat maps provided by Tulloch;

- Appendix D – provides a summary of daily activities and a record of completed panel sections and includes Tulloch daily reports;
- Appendix E – includes quality assurance inspection reports.
- Appendix F – includes the 2021 document naming convention memo.
- Appendix G – includes Infrakit As-Built reports for CCL and NCL thicknesses.

2 BACKGROUND

The EMRS has been designed for the purpose of storing and encapsulating PAG mine rock. The cover system consists of a barrier layer overlain by a growth medium, designed to limit both NP and control O₂ ingress to the PAG mine rock. The barrier layer within the cover system controls O₂ ingress by effectively eliminating advective gas transport and is an integral part of the overall effectiveness of the cover system. Typically, a barrier layer is classified as a material that limits the maximum saturated hydraulic conductivity equal to or less than 1×10^{-9} m/s. The cover system will be placed over the side slopes, benches, and the upper plateau areas of the stockpile, progressively during operations, and at closure.

The two-layer cover system will consist of:

- A 0.5 m compacted overburden layer placed directly on the landform prepared to the required grade;
- A 1.0m non-compacted overburden layer placed directly on the underlying compacted layer to reach a nominal thickness of 1.5 m;
- A vegetation cover that meets landform land use expectations; and
- A surface water management system that allows for the landform to meet physical stability expectations.

The cover system provides source control in two ways: the limitation of O₂ into the mine rock, thereby decreasing the oxidation of sulphide materials within; and reduction of water infiltrating through the stockpile and reporting to shallow toe seepage or to the groundwater table. The non-compacted overburden material is the main store-and-release component of the cover system (growth medium), while the layer of compacted overburden material limits NP and O₂ ingress into the underlying mine rock (barrier layer).

2.1 Closure Cover System Quality Assurance Process

The following describes the work that was completed to assure the progressive closure cover system on the EMRS constructed during the 2022 season was built to design and will ultimately meet performance objectives.

2.1.1 Purpose and Approach

The purpose and approach of the closure cover system CQA program was as follows:

- 1) Determine if materials are suitable for utilization in the EMRS cover system based through desktop study of known material characterization and variability;

- 2) Monitor and evaluate construction activities against Technical Specifications, and identify areas where construction does not meet design criteria and may not meet closure objectives;
- 3) Assess feasibility of cover system construction including use of cover materials in field conditions through compaction trials and additional material characterization work;
- 4) Update Operational Handbook as appropriate, incorporating field learnings and additional material characterization data; and
- 5) Ongoing cover system performance monitoring to evaluate the constructed cover system meets performance objectives.

2.1.2 *Material Characterization*

New Gold is utilizing material from the open pit for the construction of the closure cover system on the EMRS. The identified clay OVB within the pit boundary consists of both the Brenna formation and the Whitemouth Lake (WML) formation and range in thicknesses of 1 to 5 m and 2 m to 27 m, respectively. Okane performed a review and desktop analysis of Golder and AMEC characterization data available for the open pit as well as the Brenna and WML formation material from other borrow areas on site (Okane, 2020a). OVB from the open pit was excavated using a large hydraulic open-faced shovel and stockpiled in varying areas within the EMRS for use in progressive reclamation.

The initial review of material properties for both Brenna and WML OVB materials indicated either material would be suitable for use as NCL and for construction of the CCL to meet hydraulic conductivity objectives. However, the use of both materials or a combined material during construction has proven more challenging, as each material has a different optimum water content (OWC) and target compaction range, requiring involved CQC / CQA effort.

2.1.3 *Geotechnical Stability*

Given the high plasticity of the WML material, and possibility of formation of slickenside surfaces on a slope, a geotechnical analysis was completed to assess the veneer stability using Brenna and WML materials in the cover system construction (Okane, 2020b). Available information for Brenna and WML materials indicated these materials have equivalent remolded strengths, and a single set of simulations were run to represent the material properties of both materials for the purposes of stability. Results indicated that for the geometries of the lower EMRS bench slopes (including 4H:1V, 5H:1V, and 7H:1V slopes) under base case conditions, minimum factors of safety for long-term stability were met. However, sensitivity analysis for the 4H:1V slope geometry indicated that under elevated moisture

conditions, long-term factors of safety would not be met, emphasizing the importance of quality control and assurance in minimizing saturated materials during construction.

2.1.4 *Field Compaction Testing*

Field compaction trials were conducted in June 2020 as described in (Okane, 2020c). Results of the testing program show that the materials representative of those used during the trials could be successfully incorporated into a CCL with a hydraulic conductivity less than or equal to the design value. Key learnings and considerations for full-scale construction included:

- Importance of material control processes for optimization: implementing material identification and selection controls at source, preparation of material to achieve target water content, and removal of organic and oversize materials;
- Loose lift placement: pushing material downslope with a dozer likely preferred placement method, undulating waste rock surface facilitated loose lift placement, but resulted in variable layer thickness, and high-resolution topographical survey recommended;
- Compaction methodology: at suitable water contents, four passes of the 11 tonne sheepsfoot roller using maximum vibratory action was sufficient to achieve 95% compaction, 1/3 overlap recommended, and a compactor towed behind a dozer may provide an increased level of safety and reliability on the sloped surface; and
- Field testing: a detailed CQC program is required for full-scale construction, techniques that may be employed for determining material compaction characteristics include subjective assessment, one-point compaction tests, three-point compaction tests, and test pads.

The addition of compaction trials for CCL lifts occurred during the 2021 season to assess if two passes with the sheepsfoot roller resulted in adequate compaction results of 95 percent or greater. Due to the return of utilizing four passes with the sheepsfoot roller during 2022 cover construction, no compaction trials were deemed necessary by CQA.

2.1.5 *EMRS Cover System Operational Handbook (Technical Specifications)*

Okane continues to update the EMRS Cover System Operational Handbook, referred to herein as the Technical Specifications, with increased confidence in material characteristic (dry density, clay content, and hydraulic conductivity) relationships and in response to changing field conditions using field testing and laboratory data results, as appropriate. The latest updates in July 2021 included updated water content specifications, additional density and hydraulic conductivity protocols, and specifications for out of tolerance CCL.

Summary sheets of testing frequencies and tolerances, and construction specifications along with a materials selection guide were developed to accompany the Technical Specifications. These documents are specific to the progressive reclamation cover system construction on the EMRS using the OVB material sourced from the open pit and focus on providing clear and concise guidance for construction activities and CQC / CQA practices. The Technical Specifications were developed using available material characterization to ensure the constructed cover system will meet performance and design criteria, including geotechnical stability and hydraulic conductivity requirements of the CCL.

It should be noted in some cases results of material testing may not meet specification, but still be suitable for use in construction, at the discretion of CQA. The full Operational Handbook is included in Appendix A. Key specifications, tolerances, and testing frequencies are summarized below.

2.1.5.1 EMRS Waste Rock Surface

Technical specifications for the EMRS waste rock surface include:

- Relatively dense and uniform foundation for the cover system, with minimal open void and no large protruding rocks;
- Surface prepared to design specifications, and prepared to the satisfaction of CQC; and
- Approved surface shall be surveyed as a record of construction.

2.1.5.2 Compacted Clay Layer (CCL)

Technical specifications for the CCL include:

- Material must be free of deleterious material such as organics and oversize materials (>0.250 m);
- CCL shall be compacted to 95% of the maximum dry density, at a moisture content within -2 / +4 percentage points of OWC;
- Nominal CCL thickness shall be 0.5 m to a tolerance of -0.1 m / +0.2 m, constructed in two lifts of 0.25 m to a tolerance of -0.1 m / +0.2 m;
- Approved areas of the CCL shall not be left exposed longer than 24 hours; and
- Material should have a minimum plasticity index of 10.

2.1.5.3 Non-compacted Layer (NCL)

The technical specifications for the NCL include:

- A minimum total thickness of 1.0 m, constructed in minimum two lifts to allow for track compaction; and
- Water content of NCL materials should not be greater than two percentage points wet of *in situ* water content at placement.

2.1.5.4 Placement and Compaction

The technical specifications related to placement and compaction of the cover system include:

- If dry density variance from additional compaction trials is no greater than 5% the area can be considered compacted and approved. If the variance in the area is found to be greater than 5% the entire panel must be re-compacted to the minimum number of passes required to fall below the 5% variance in dry density.

3 2022 CONSTRUCTION SEASON SUMMARY

This section summarizes the progressive reclamation cover system construction activities that took place on the EMRS during the 2022 construction season. Construction began May 23, 2022 and concluded on August 2, 2022. High volumes of precipitation throughout the 2022 season often resulted in high moisture contents and periods where cover material was unworkable. Additionally, the large quantity of rainfall led to a stoppage of cover system construction in June while New Gold resources were relocated to the TMA. Approximately 1.6 ha of cover system was constructed during 2022.

3.1 Cover System Construction Roles and Responsibilities

During the 2022 construction season, New Gold constructed the cover system and managed site operations, Tulloch performed CQC testing and laboratory services, and Okane was responsible for CQA and technical guidance (Figure 3.1).

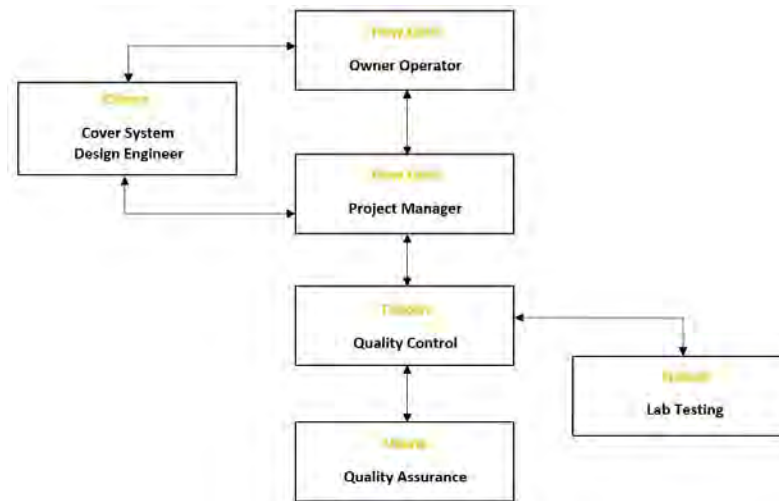


Figure 3.1: Cover system construction responsibilities

Specific responsibilities of each group were as follows:

New Gold, Owner Operator and Project Manager

- Provided equipment, personnel, and materials required for surface preparation and cover system construction;
- Managed site logistics, including coordination of material management and preparation;

- Provided the CQC and CQA full cooperation in sample taking or conducting tests at their discretion and render such assistance as necessary to enable sampling and testing to be carried out in a timely manner;
- Allowed sufficient time for the CQC and CQA to carry out the required test work in order to determine the acceptability of the placed materials;
- Surveyed the waste rock surface to confirm that the landform conforms to EMRS design specifications and is ready for reclamation; and
- Provided final sign off on daily reports (Tulloch reports no longer signed by New Gold. The signature box was left on Tulloch daily reports for New Gold following the July 5th project update meeting to still have the option of future signatures).

Tulloch, Construction Quality Control (CQC)

Verification of quality, through inspection and testing

- Surveyed the waste rock surface as a check and as a record of construction to allow for the determination of proper cover system layer thicknesses in all areas;
- Inspected and approved that the waste rock surface met technical specifications for cover system placement;
- Carried out material control tests on materials in excavations and stockpiles prior to compaction to determine the adequacy of the materials for use in the cover system construction as per the Technical Specifications;
- Identified the appropriate compaction curve for the material used in each section of the CCL by performing a subjective assessment (based on materials selection guide and site experience with the materials). When uncertain of which curve to apply, requested a new standard proctor test and/or utilized supplemental techniques to facilitate selection of the compaction curve, such as one-point proctor compaction tests, three-point proctor compaction tests, or test pads;
- Verified that appropriate construction techniques were used in cover system construction, as outlined in the Technical Specifications (compaction energies applied to CCL, equipment used, surface preparation, CCL exposure times, loosening of NCL, etc.);
- Verified lift thicknesses were within tolerances outlined in the Technical Specifications;

- Conducted record tests on the materials in the completed portions of the CCL following placement and compaction to confirm the adequacy of the work, and to provide an as-built record of the workmanship achieved;
- Approved panels of CCL, given the panels met the Technical Specifications with support from CQA when required;
- Documented activities, observations, samples collected, tests completed, compaction curves selected, as well as approval of any CCL panels in the daily summary report. Provided summary notes and relevant data to CQA personnel on a daily basis;
- Collected as-built surveys of each lift within the cover system for thickness verifications, quantities, and as-built documentation; and
- Analysis of laboratory samples as provided by CQC or CQA.

Okane, Construction Quality Assurance (CQA) and Cover System Design Engineer
Proactive defect prevention, with a focus on the process for managing quality

- Conducted inspections, audits, and review of all work conducted and approved by CQC. It is at the discretion of CQA to provide final approval for completed panels of the cover system construction;
- Reviewed results of CQC testing. CQA's assessment of test results will be final and conclusive in determining compliance with the Technical Specifications;
- Provided technical support and guidance to CQC in selection of appropriate compaction curves for construction of the CCL, and provide clarifications of the Technical Specifications, as needed;
- Applied correction of water content lab results to field densometer results;
- Performed in-situ hydraulic conductivity testing on the CCL as part of the record testing prescribed in the Technical Specifications, and through audits to confirm the hydraulic conductivity of the CCL is within acceptable range in varying material types;
- Requested additional testing above the minimum outlined in the Technical Specifications, as required to satisfy confidence in cover system construction;
- Reviewed test results considered to be a 'failure' as per the Technical Specifications and confirmed the materials suitability within the CCL with a focus on *in situ* hydraulic conductivity;

- Conducted a laboratory quality check through the comparison of results from samples sent to an external laboratory to results from the on-site laboratory;
- Modified the testing and rates of testing prescribed in the Technical Specifications, and otherwise make modifications to reflect changing conditions, as appropriate;
- Provided a comprehensive Record of Construction Report documenting cover system construction and CQC / CQA activities which occurred during the 2022 construction season.

3.2 Scope of Construction

The scope of construction involves placement of an engineered closure cover system over the mine rock on the lower bench slopes of the EMRS deemed ready for progressive reclamation. The closure cover system consists of a 0.5 m CCL overlain by a 1.0 m NCL to achieve a minimum 1.5 m total thickness. These lifts are to be constructed as per the Technical Specifications (Okane, 2021b). New Gold provided the equipment and operators during 2022 construction activities.

3.2.1 Safety and Environment

A lone safety incident occurred during the shortened 2022 construction season. On August 2nd an equipment fire in the pit resulted in an emergency stand down on site for approximately one hour. The all clear was given at 8:30 am and cover system construction was able to resume.

The main safety aspect observed during 2022 cover construction was the common sightings of bears. With cover system placement shifting to the East side of the EMRS, workers and equipment were in closer proximity to the Richardson landfill on Teeple road. This resulted in frequent bear sightings; however, the bears kept their distance from the EMRS slopes and remained near the tree line.

No environmental incidents were observed during cover construction on the EMRS in the 2022 season.

3.2.2 Equipment Used

Equipment used on this project included two CAT D8T dozers, a CAT 349 excavator, a Link-Belt 350 excavator, a Link-Belt 700 excavator, and a CAT CP56B sheepsfoot vibratory soil compactor. 100 and 45 tonne haul trucks were utilized for the transportation of material during the 2022 construction season.

Both CAT D8T dozers are equipped with GPS blade control to increase proficiency in determining lift thicknesses of the CCL and NCL. Issues with the GPS blade control system were greatly mitigated from seasons past due to the addition of a repeater on the east side of the EMRS.

3.2.3 Naming Convention

The use of the common naming convention (Okane 2021 a) for documents was continued into the 2022 season to promote consistency from year to year. The continued use of the naming convention helped to facilitate organization and streamline data filtering for the large amount of documentation associated with cover construction.

The continuation in numbering for panel codes, field samples, and nuclear densometer testing from 2021 construction allowed all parties to accurately reference aspects of the cover system construction for both current and previous seasons.

3.3 Construction Completed in 2022

The overall area of the lower EMRS slopes that was completely covered and surveyed during the 2022 construction season was 1.59 ha of CCL and 1.60 ha of NCL. 96.88% of CCL placement and 93.98% of NCL placement fell within tolerances (Table 3.4). A breakdown of panel completions dates is included in Table 3.1, as well as monthly summaries in Sections 3.3.1 through 3.3.4.

Table 3.1: Panel completion dates.

Completion Date	Panels Completed
July 10, 2022	P30
July 21, 2022	P31
July 30, 2022	P32
August 2, 2022	P33

3.3.1 May Summary

Cover system construction began on May 23rd following changes to the previously proposed start date of May 1st due to poor weather and cracking being identified on the initial planned reclamation area. In May, a low of 2°C and a high of 24°C were recorded during construction. 17 occurrences of rain totalling 223.1 mm were recorded for the entirety of the month.

Pre-emptive stockpile sampling of potential borrow areas was completed by Tulloch prior to Okane's mobilization to site. This sampling allowed for a more detailed understanding of the

stockpiled material available for cover construction and gave CQC representative proctor values for nuclear density testing.

Construction initiated on the east side of the EMRS with P30 at stationing 0+783 and progressed south further down chainage. Material from the central borrow area was utilized for P30 CCL construction to avoid the high rock content identified within the southern borrow area near P29. OVB material was used to construct two compacted 0.30 m lifts (Okane 2021c). For each lift, material from the central stockpile was spread over the slope of the waste rock by dozers. Each lift was compacted with four passes of a sheepsfoot roller (minimum 1/3 overlap). Vibratory action was determined to be disadvantageous in current conditions, as material appeared moist and did not require excess moisture being brought to the surface. Small amounts of frozen material were visible throughout P30 CCL construction, but the material was given adequate time to melt during the handling and placement process.

During May, Panel 30 was initiated but not completed. Overnight rain on May 23rd caused the previously placed L1 material to be oversaturated and have areas of standing water. While the material was given time to dry, New Gold made the decision to extend the width of P30 to the total approved area of 90 m to continue L1 placement and limit down time. As a result, P30 CCL was tested in two halves to enable construction of subsequent lifts on the approved southern half while compaction and testing was still in progress on the northern half of the panel.

Due to the increased panel size and worker shortage, areas of P30 L2 achieved a level of surface desiccation which was of concern during the placement of L3. As there was no availability to wet the material prior to coverage it was determined the best available course of action was to cover L2 with a reduced NCL lift of moist pliable material. This area was flagged for borehole permeameter testing to ensure that adequate hydraulic conductivity was still achieved. Further rainfall starting on May 29th during L3 placement aided in rehydrating the still exposed areas of L2, but eventually resulted in very wet conditions and ponding water on P30 L2 and L3 following a three-hour lightning proximity work stoppage. With rain occurring until month's end there was no opportunity for the placed material to dry and no further cover construction was completed for the month of May.

At the end of May, P30, L3 was still in progress with areas of L2 still exposed.

3.3.2 June Summary

During June, a low of 3°C and a high of 27°C were recorded while CQA was on site. 20 occurrences of rain totalling 201.3 mm were recorded for the entirety of the month. No cover construction was completed in June due to weather and priority construction required in the TMA.

Following periods of heavy rainfall starting in May, material was given time to dry as standing water was still visible within P30 L2 and L3 on June 1st. During the drying period, New Gold relocated equipment and workers to the TMA while warm temperatures and moderate winds aided in the drying of material. On June 3rd Okane met with New Gold to discuss the return to construction given improved conditions on the EMRS. With the workforce and equipment still required at the TMA it was relayed that no cover construction would be able to resume prior to June 6th. As a result, CQA noted that rework would be required to the exposed portions of P30, L2 as the still exposed areas of CCL would have concerning levels of desiccation upon returning to construction.

CQA remained on site to monitor the level of desiccation until June 14th when Okane was notified that New Gold would not be able to return to cover construction until July 1st due to priority work in the TMA. Following this information stockpile sampling was completed by Tulloch in preparation for restarting in July and Okane demobilized from site on June 15th.

Okane mobilized to site on June 30th in preparation for construction and performed several spot checks on the exposed areas of P30, L2. These spot checks found the depth of desiccation to extend approximately 0.15 m from the surface. Based on the spot checks, Okane made the recommendation of skimming the exposed areas of P30, L2 and the adjoining edges of L3 to a level of 0.4m and placing new material to bring the lift back to 0.6m (Section 4.2).

At the end of June, P30 was still in progress with rework required upon resuming construction in July.

3.3.3 July Summary

During July, a low of 9°C and a high of 33°C were recorded, along with 16 occurrences of rain totaling 209.9 mm. Cover system construction resumed on July 1st with rework of P30 CCL and continued further south down chainage until the completion of P33, L3 at months end.

July 1st marked the return to cover construction and the completion of rework on the exposed areas of P30. Following the completion of the June spot checks, Okane met with New Gold and Tulloch to discuss the extent of the rework. Okane reiterated the recommendation of skimming P30, L2 and the adjoining edges of L3 past the point of the desiccated material (depth above waste rock of 0.45 m) and replacing the removed material with new CCL quality material from one of the borrow areas before recompacting. Opposed to bringing in new material, New Gold was comfortable skimming and reworking P30, L2 with the material present on the slope and utilizing hydraulic conductivity for the purpose of final approval.

During the rework of P30, L2, dozers were utilized to skim the top layer of material and mix it with the surrounding material. Following the mixing of material, CQA requested CQC complete a moisture check with the nuclear density gauge prior to compaction to ensure the optimum moisture content of 20.6% (based off corresponding proctor) was achieved. A resulting moisture content of 21% was achieved and compaction of the reworked material was initiated utilizing vibratory action to aid in bringing moisture to the surface. Small areas containing scattered dry spots amongst moist pliable material were noted during the compaction process by CQA. As a result, CQA requested that nuclear density test number 488 be completed amongst the largest of these areas (approximately 6' x 10') where a testing surface could be made. Test D488 was completed on the edge of this area and yielded a moisture content of 26.4%. Upon further inspection the dry spots contained moist pliable material beneath the surface and the area was flagged as the location for hydraulic conductivity testing for the purpose of final approval. To further rehydrate P30, L2 the recommendation of ensuring moist pliable material was utilized during the remaining L3 placement was made by CQA.

Following the completion of P30, the panel widths were decreased to match that of the 2021 season to limit the possibility of further rework due to CCL lifts not being able to be covered in a reasonable amount of time. Subsequent panels were constructed at a target width of 30m. Following the change in panel width and frequent occurrences of rainfall during the month of July, the desiccation of CCL material was a nonissue for the remainder of the 2022 season. Although the frequency of rain aided in eliminating dry conditions it often resulted in construction stoppages due to material needing time to dry to reach a workable moisture content.

Hydraulic conductivity testing was also hindered due to precipitation levels in the month of July. EMRS_BP_P30_L2_B27_220714 and EMRS_BP_P30_L2_B28_220714 were installed to ensure adequate hydraulic conductivity was achieved within areas of P30, L2 where desiccation had reached levels of concern prior to coverage and where P30, L2 was reworked following the stoppage in construction. During the testing period, EMRS_BP_P30_L2_B27_220714 was interrupted during a period of heavy rainfall and was not restarted due to pooling water surrounding the borehole casing. This pooling water resulted in water levels increasing within the reservoir of EMRS_BP_P30_L2_B28_220714 during the testing period. This increase resulted in inaccurate values being represented and resulted in both tests being terminated and classified as inconclusive. Subsequent excavations were completed adjacent to boreholes 27 and 28 for retesting of the areas. EMRS22_BP_P30_L2_B29_220721 and EMRS22_BP_P30_L2_B30_220722 were installed within the new excavations which were extended downslope to achieve positive drainage of future rainfall away from the equipment. Further rainfall occurred during the time boreholes 29 and 30 were installed resulting in the testing period being extended in an attempt to achieve representative results.

During NCL placement in July, it became apparent that achieving effective drainage off the cover system would not be as simple as previous areas of construction due to the presence of a topsoil berm located at the toe. The elevation of this berm was found to be greater than the final NCL elevation and increased further down chainage through panel construction. This resulted in modifications to NCL placement to avoid ponding water. It was determined that the best course of action was to extend the NCL further past the key trench during L4 placement and regrade the topsoil so that any runoff would pool within the topsoil opposed to within the limits of the cover system.

Cover system construction progressed south further down chainage through to P33 at an end stationing of 0+600 with frequent delays due to continued rainfall events. On July 29th Okane was notified that construction would no longer proceed past July 31st. At this point, P33, L2 had been completed and P32, L4 and P33, L3 were in progress.

At the end of July, P33, L4 was still in progress due to weather further hindering construction. As a result, the decision was made to progress construction into August to complete P33 NCL prior to ending construction for the season.

3.3.4 August Summary

During August, a low of 14°C and a high of 25°C were recorded while CQA was on site. 10 occurrences of rain totalling 74.9mm were recorded for the entirety of the month.

Following the drying and track packing of material to the point where it was workable, the final placement and grading of P33, L4 was completed on August 2nd. Final inspections along the toe were performed to ensure no water was visibly pooling within the limits of the cover. With the topsoil berm cut back and the NCL extended further past the key trench for P30 to P33, adequate drainage off the cover system was achieved.

EMRS22_BP_P30_L2_B29_220721 and EMRS22_BP_P30_L2_B30_220722 were removed and the subsequent excavations were filled in while the necessary equipment was still on the EMRS. Despite the extension of excavations to aid with drainage the influence of rainfall was again present in results. Based on the influence of rainfall during the testing periods as well as equipment issues, both EMRS22_BP_P30_L2_B29_220721 and EMRS22_BP_P30_L2_B30_20220722 were again classified as inconclusive and subsequent hydraulic conductivity testing of P30 is still required.

Following the completion of P33, L4 and the removal/backfill of the hydraulic conductivity testing locations, the 2022 EMRS construction season was concluded and Okane demobilized from site.

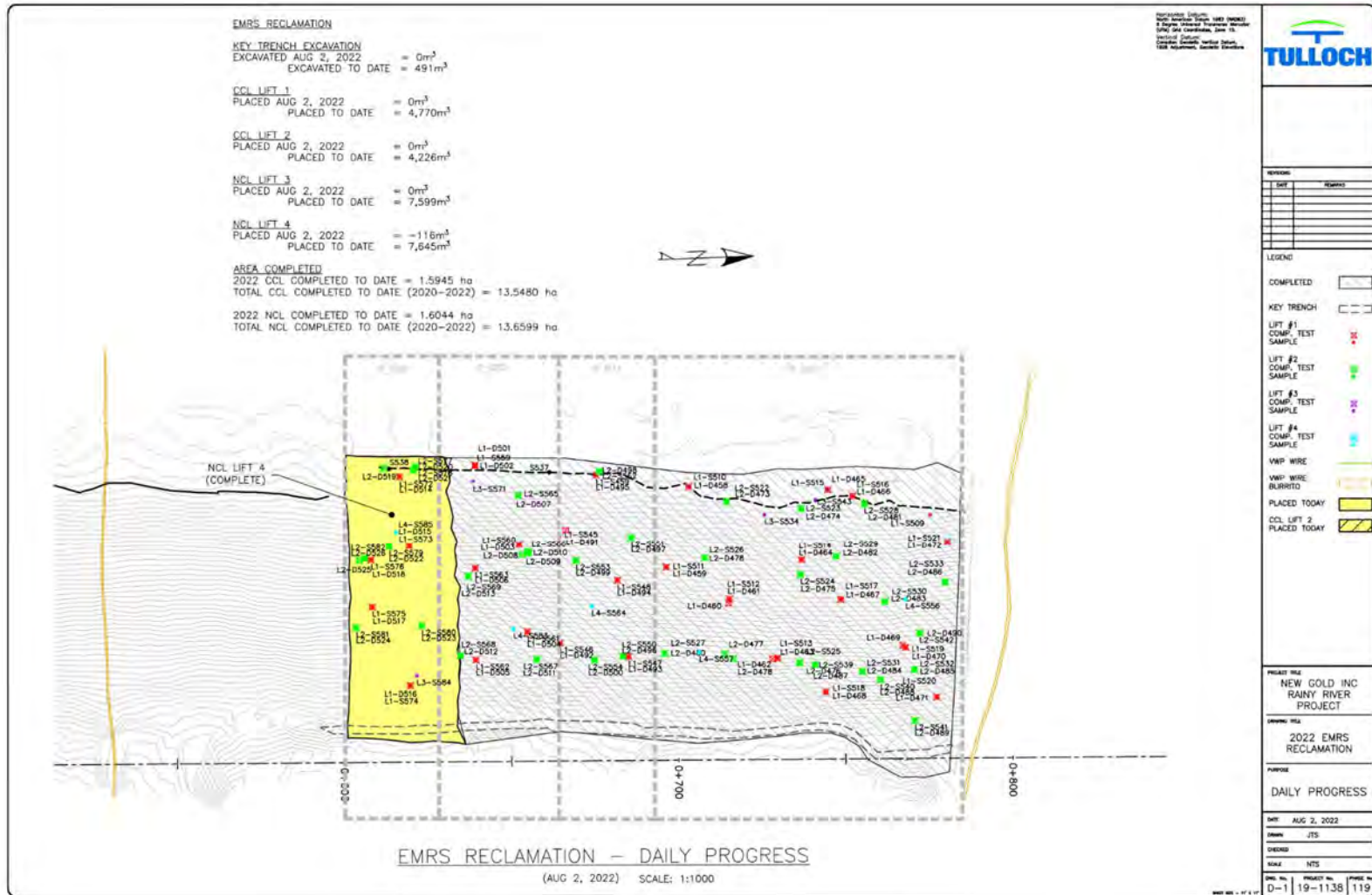


Figure 3.2: Overview of cover system constructed during 2022 (from Tulloch, 2022a).

3.3.5 Material Placement Details

The total as-built volume of NCL and CCL material placed during the 2022 construction season, as reported by Tulloch (2022a), was 24,240 m³ (Table 3.2). To date, 55,411 m³ of CCL and 93,049 m³ of NCL have been placed (Tulloch, 2022a).

Table 3.2: Material placement volumes.

Lift	P30	P31	P32	P33	Total Material Volume Placed
Lift 1 CCL	2,379 m ³	845 m ³	811 m ³	735 m ³	4,770 m ³
Lift 2 CCL	2,205 m ³	613 m ³	788 m ³	620 m ³	4,226 m ³
Lift 3 NCL	3,595 m ³	1,318 m ³	1,482 m ³	1,204 m ³	7,599 m ³
Lift 4 NCL	3,744 m ³	1,193 m ³	1,476 m ³	1,232 m ³	7,645 m ³
Key-in Trench	347 m ³	118 m ³	65 m ³	74 m ³	604 m ³
Totals	12,270 m ³	4,087 m ³	4,622 m ³	3,865 m ³	24,844 m ³

Tulloch, 2022a

Okane noted a discrepancy in key trench “excavated to date” totals within Tulloch’s daily placement maps (Appendix C) for the 2022 season during end of season review. On July 15th, 118m³ (Tulloch 2022a) of key trench excavation was shown to be completed for P31, but the resulting total was only increased by 5 m³ (347m³ to 352m³). Table 3.2 represents the total key-in trench volume based on the full inclusion of the P31 key trench. Further investigation is required by Tulloch to confirm the final key-in-trench volume for the 2022 season.

Approximate area calculations per month were created using Tulloch’s daily placement maps along with a panel approval log maintained by CQA. A summary of the EMRS area covered per panel is shown in Table 3.3. The total area of placement for the 2022 season was 1.59 ha of CCL and 1.60 ha of NCL.

Table 3.3: EMRS area covered.

CCL/NCL	P30	P31	P32	P33	Total Area Surveyed
CCL	0.7913 ha	0.2593 ha	0.286 ha	0.2579 ha	1.5945 ha
NCL	0.8037 ha	0.2119 ha	0.3433 ha	0.2455 ha	1.6044 ha

Tulloch, 2022a

3.3.6 2022 Lift Thicknesses

Continuing to utilize detailed survey data provided by Tulloch, Okane compared EMRS lift points against the waste rock surface to create an as-built summary report (Appendix G) within Infrakit for the entirety of the 2022 season. As a result of continuing to construct CCL lifts at a targeted thickness of 0.3 m, the vast majority of as-built points for CCL construction fell within tolerance and are shown in table 3.4.

Table 3.4: 2022 lift thicknesses.

Lift	Tolerances	Within Tolerance	Under Tolerances	Over Tolerance
Lifts 1 & 2 – CCL	0.4 m - 0.7 m	96.9%	0.7%	2.4%
Lifts 3 & 4 – NCL	1.4 m - 1.7 m	94.7%	3.6%	1.7%

3.3.7 Preparation of the Mine Rock Surface

During the 2022 construction season the waste rock was graded and smoothed in preparation for CCL placement. Once the area was approved by Mine Operations and the surface was deemed suitable by CQC, a survey of the waste rock surface was completed in a 5'x5' grid to generate an original ground surface for placement of the CCL.

Issues with the waste rock surface at the crest of the panels became a frequent occurrence throughout the 2021 season. This issue was a result of Tulloch not being able to survey the waste rock in areas of the crest due to the stockpiled material in those locations. To prevent this issue from reoccurring, material was hauled from separate borrow areas within the EMRS to the placement area during the 2022 season. This adjusted methodology allowed for the accurate survey of the entire waste rock surface within the panel boundaries prior to the placement of CCL material. As a result of the new methodology no delays were noted due to the need to complete spot checks or remove placed material to create updated surfaces in 2022.

Material placement during the 2022 season began with P30 at stationing 0+783 and progressed south throughout the entirety of cover construction. Throughout the season the sections of waste rock south of the current panel were assessed by CQC. Based on the results of these inspections, further grading and smoothing was often completed by New Gold construction to ensure an adequate surface prior to material placement. This process continued throughout cover construction until the completion of P33 where construction ended at a stationing of 0+600.

3.3.8 Compacted Clay Layer (CCL)

OVB from the open pit was excavated using a large hydraulic open-faced shovel and stockpiled at various borrow sources within the EMRS for use in progressive reclamation. Haul trucks were utilized to transport material from these locations to the current area of panel construction during the 2022 season. The borrow locations utilized in CCL construction during 2022 were:

- Central stockpile – Large stockpiled area of material at approximate stationing 1+234, O/S -675.1. Material in this area was previously utilized in cover construction during the 2021 season;
- Northern Stockpile – Material at approximate stationing 1+323, O/S -280. Material at this location was initially intended for use for a separate environmental project but was reallocated when construction of the separate project was postponed; and
- Southern Stockpile - Stockpiled borrow area located north of panel 29 on the EMRS at approximate stationing 0+434, O/S -111m. Due to the visibly high stone content of varying gradations, this stockpile was mostly utilized for NCL construction upon CQA's recommendation. Small areas within the stockpiles with a lowered stone content were pre-emptively sampled by CQC and deemed suitable for CCL use based on subsequent test results.

A combination of visual analysis by CQA/CQC and stockpile samples were completed pre-emptively at each borrow source to help determine the suitability of the stockpiled material prior to use in panel construction. Where material was deemed unsuitable for use in CCL construction, it was left for use in subsequent NCL lifts.

Throughout the 2022 construction season, the OVB material was used to construct two compacted 0.3 m lifts (Section 4.2). For each lift, material from the borrow location was spread over the slope of the waste rock with a dozer to achieve a nominal loose lift thickness of ~0.35 m. Each lift was compacted with four passes of a sheepsfoot roller (minimum 1/3 pass overlap). The objective of the sheepsfoot roller was to knead the OVB and ensure that the required soil density was achieved and to create a cohesive, homogeneous layer. Vibratory action with the roller was determined to be disadvantageous with the material conditions for the majority of the 2022 season, as excess water brought to the surface of the soil during vibration rendered it unworkable. The use of vibratory action was reassessed upon each CCL lift but was only implemented during the rework of P30, L2 as it was deemed beneficial to bring excess moisture to the surface in that instance. Following the rework of P30, L2, vibratory action was not utilized due to the large amount of rainfall during the construction window.

During compaction of CCL lifts during the 2022 season, New Gold decided to return to utilizing four passes with the sheepsfoot roller. As a result of returning to the initial compaction methodology there was reduced need for the use of compaction trials to confirm adequate compaction. While compaction trials were no longer necessary to prove adequate compaction had occurred with two passes of the sheepsfoot, they remained a useful quality assurance method to be utilized at CQA's discretion in the event:

- A representative proctor was not used.
- Testing results did not meet specifications.
- A visible change in material was noted.

The above conditions did not occur during the 2022 construction season due to extensive stockpile sampling and thorough sorting of material during the handling and loading process of CCL material. As a result, no compaction trials were deemed necessary by CQA as placement occurred with fairly homogeneous material with corresponding proctor values from locations within the borrow sources.

After compacting each lift, CQC testing was performed to confirm the completed area met minimum compaction requirements for the material and surveyed to confirm appropriate lift thicknesses were achieved. In the event the Technical Specifications for compaction were not met, additional material characterization assessment was performed by CQA to gauge the quality of material and ensure a level of confidence that the compaction criteria were appropriately classified, and that the material water content was in an acceptable range. If there was any question the placed material may result in the hydraulic conductivity not meeting specification, the area in question was flagged for borehole permeameter testing prior to final approval.

Technical specifications indicate the CCL should be covered within 24 hrs to prevent desiccation. Due to varying weather conditions throughout the 2022 construction season, this timeline was shortened or increased when deemed appropriate by CQA. Additional testing and inspections were completed on areas that were left exposed to confirm suitability before subsequent layer placement. During the placement of P30, L3 the underlying CCL layer began to exhibit levels of desiccation below the sheepsfoot divots on May 29th. With no means to wet the exposed areas of L2 prior to coverage, the best available option was to continue L3 placement with moist pliable material in an attempt to rehydrate the CCL below and flag the area for hydraulic conductivity testing. L3 placement continued in this manner until May 30th when rain, which initially aided in rehydrating the exposed areas of P30, L2 became too much and resulted in the material moisture contents increasing past the point of workability. Subsequent rain until month's end resulted in the construction crew and equipment being moved to the TMA while the material was given time to dry. During this period, priority

construction within the TMA led to a stoppage of EMRS construction until July 1st in which the exposed areas of P30, L2 reached a level of desiccation where rework of the previously approved CCL was required. Based on inspections completed by CQA upon returning to site, it was determined that the level of desiccation had reached an approximate depth of 0.15m. Following these inspections Okane recommended the removal of desiccated material down to the level where suitable material could be reached for the exposed areas of P30, L2 and 1.0m into the adjoining areas of L3 for adequate tie in before hauling new material for placement and compaction. Opposed to bringing in new material, New Gold was comfortable skimming and reworking P30, L2 with the material present on the slope and utilizing hydraulic conductivity for the purpose of final approval.

Lift thicknesses were field verified by Tulloch during construction with the subsequent heat maps for both CCL and NCL being sent out in the following days. The continued construction methodology of a targeted 0.60 m CCL thickness resulted in minimal low areas represented in the heat maps. Any areas represented as below 0.40m (Tulloch 2022b) on the final heat maps were located past the key trench where the cover system was extended into the topsoil berm to allow for adequate drainage and avoid pooling within the extent of the cover system.

3.3.8.1 Compacted Clay Layer Key-in Trench

The CCL was extended and used to backfill the cover system key-in trench, forming a continuous liner. The CCL material was placed in two lifts, compacting as best as reasonably possible with appropriate equipment. All key trenching completed during the 2022 construction season reached bedrock or suitable tie in material prior to the maximum excavation depth of 3m. In areas where bedrock outcrops occurred at the base of the slope, the CCL was formed over and blended into the bedrock formation to the final slope configuration.

Due to safety concerns expressed during the 2021 construction season regarding access to the trench for surveying where the depth of excavation exceeded 1.0 m it was noted that no worker should enter the trench and that CQA would accept a survey along the top of the key-in trench with a corresponding estimated depth. All vegetation was removed prior to the CCL and subsequent NCL being placed on any natural ground. Table 3.5 outlines the key-in trench details for the construction season.

Table 3.5: Key-in trench summary.

Panel	Location	Date	Comment
30	0+783 – 0+690 (93m)	24-May-22	Key trench dug to bedrock at varying depths at the north end of the key trench. As bedrock tapered out the trench was dug to approximately 2.0m where suitable tie in material was reached. Bedrock was reached again at the south end of the trench where it was terminated.
31	0+690 – 0+661 (29m)	05-July-22	Key trench dug to varying depths throughout the width of the panel with bedrock being reached consistently throughout. The depth of excavation became shallower while the trench progressed south as the elevation of the bedrock increased.
32	0+661 – 0+630 (31m)	13-July-22	Key trench dug to bedrock at varying depths except for an approximately 6.0m long stretch where suitable tie in material was reached.
33	0+630 – 0+600 (30m)	17-July-22	Bedrock reached throughout the entirety of the key trench.

3.3.9 Non-Compacted Layer (NCL)

OVB material for the NCL was primarily sourced from the southern borrow area which visual inspections and pre-emptive stockpile sampling showed to contain an increased rock content compared to other available borrow sources. Due to the amount of sorting which would be required to utilize this borrow area for CCL construction the recommendation was made by CQA to prioritize this area for use in NCL. When available live hauling from the pit was also used during NCL construction in small quantities.

After approval of a CCL section, material was hauled from the southern borrow area and spread in two lifts of approximately 0.45 m – 0.55 m to achieve a nominal cover system thickness of 1.5 m. The variability in NCL thickness is a result of the NCL being placed to achieve the nominal cover thickness of 1.5 m based on the corresponding CCL depth below. Each layer was surveyed to confirm that the total minimum layer thicknesses had been achieved. An estimated 15244 m³ of NCL material was placed in 2022 (Tulloch, 2022a).

The presence of a topsoil berm at the toe along the east side of the EMRS from stationing 0+793 to 0+562 resulted in difficulty achieving effective drainage off the cover system due to the elevation of the berm being greater than that of the final NCL lift. In order avoid pooling water within the limits of the cover system L4 was extended beyond the key trench and blended into the topsoil. A further breakdown of the change in methodology is located in section 5.1.2.

3.3.10 CCL and NCL Laboratory Testing Frequencies

A summary of the laboratory testing completed during the 2022 construction season and the associated frequencies is provided in Table 3.6 and 3.7. Material sampling and laboratory testing frequencies for the material during construction are prescribed in the Technical Specifications (Okane, 2021b) and included for reference in Table 3.7. These are the minimum requirements, and additional testing is often required and / or recommended to account for changes in material texture, and at the discretion of the CQA.

Due to the occasional occurrence of large variances between lab and field moisture content results, the frequency of water content testing being completed at a 1:1 ratio with nuclear densometer testing remained necessary throughout the 2022 season. This resulted in the minimum prescribed frequency of gravimetric water contents at 1 per 1,000 m³ being greatly exceeded throughout construction.

It is noted that the prescribed testing frequencies for NCL hydrometer testing were not met during the 2022 construction season (Table 3.7). Due to testing above the minimum prescribed frequency during the 2021 construction season, the frequency of hydrometer testing within NCL lifts for reclamation as a whole still exceeds 1 per 3000 m³. While frequencies as a whole are within the technical specifications, emphasis is placed on CQC performing the necessary sampling based on estimated panel volumes to avoid testing falling below the prescribed minimums.

Table 3.6: Summary of laboratory testing.

Laboratory Test	No. of Tests Completed (April 2022)	No. of Tests Completed (May 2022)	No. of Tests Completed (June 2022)	No. of Tests Completed (July 2022)	No. of Tests Completed (August 2022)	No. of Tests Completed (Total)
<i>CCL Materials</i>						
Gravimetric water content (ASTM D2216-19)	0	25	0	35	0	60
Atterberg Limits (ASTM D4318-00)	0	6	0	6	0	12
Particle Size Distribution – Hydrometer (ASTM D6913M-17, D7928-17)	0	6	0	6	0	12
Standard Proctor (ASTM D698-12e2)	0	2	0	2	0	4
<i>NCL Materials</i>						
Gravimetric water content (ASTM D2216-19)	0	1	0	8	1	10
Particle Size Distribution – Hydrometer (ASTM D6913M-17, D7928-17)	0	1	0	3	0	4
<i>Stockpile Samples</i>						
Gravimetric water content (ASTM D2216-19)	7	3	4	3	0	17
Atterberg Limits (ASTM D4318-00)	7	3	4	0	0	14
Particle Size Distribution – Hydrometer (ASTM D6913M-17, D7928-17)	7	3	4	0	0	14
Standard Proctor (ASTM D698-12e2)	7	3	4	3	0	17

Table 3.7: Summary of laboratory testing frequencies.

Laboratory Test	Prescribed Testing Frequency ¹	Actual Testing Frequency (2022 Season)
Gravimetric water content (ASTM D2216-19)	1 per 1000 m ³	6.7 per 1000 m ³
Atterberg Limits (ASTM D4318-00)	1 per 1000 m ³	1.3 per 1000 m ³
Particle Size Distribution – Hydrometer (ASTM D6913M-17, D7928-17)	1 per 1000 m ³	1.3 per 1000 m ³
Standard Proctor (ASTM D698-12e2)	1 per 4000 m ³	1.8 per 4000 m ³
Gravimetric water content (ASTM D2216-19)	1 per 2000 m ³	1.3 per 2000 m ³
Particle Size Distribution – Hydrometer (ASTM D6913M-17, D7928-17)	1 per 3000 m ³	0.8 per 3000 m ³

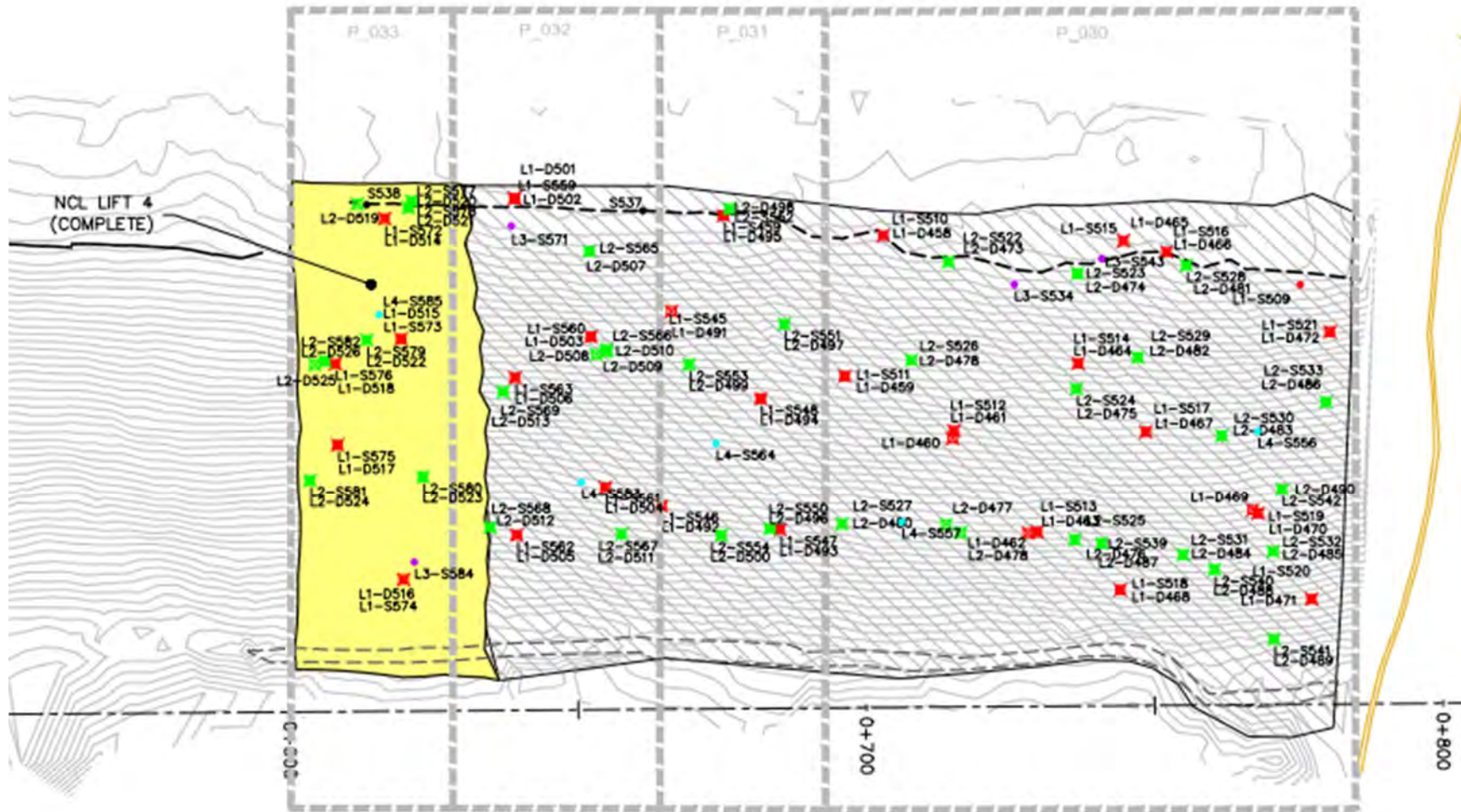


Figure 3.3: Material testing locations on the east slope of the EMRS (Tulloch, 2022a).

3.3.11 Comparison Samples

Comparison samples S534 and S580 were taken during the 2022 construction season for comparison testing by a third-party laboratory (P. Machibroda Engineering in Saskatoon). S534 was taken on May 29th during the course of construction as a check on the laboratory testing being completed by Tulloch. The resulting third-party results aided in understanding any variances that could potentially affect the overall performance or approvals of the CCL.

Proctor results from S534 yielded a slight variance from Tulloch's laboratory results, with a difference of 3% in optimum water content (17.6% - P. Machibroda, 20.6% - Tulloch) and 51 kg/m³ (1738 kg/m³ - P. Machibroda, 1687 kg/m³ - Tulloch). This variance was deemed within the acceptable expected range with the variance likely resulting from how the samples are graphed and any variances in equipment. The remaining results from S534 yielded comparable results with a minimum level of variance.

Due to the amount of cover system constructed during 2022, S580 was not sent for 3rd party analysis as 2 comparison samples were deemed unnecessary for the volume of material placed. S580 was sent to Saskatoon and stored at the Okane office should the need for 3rd party analysis arise.

3.3.12 CCL and NCL In-situ Testing Frequencies (Record Testing)

The purpose of record testing is to verify the CCL material is compacted within the specified range of OWC, yielding a high MDD result and ultimately an acceptably low as-constructed saturated hydraulic conductivity. Record testing of the CCL included *in situ* water content and density testing completed by Tulloch personnel and in-situ hydraulic conductivity testing completed by Okane. Laboratory analysis for water content was performed by Tulloch. Tests completed were performed in accordance with the principles and methods prescribed by the American Society for Testing and Materials (ASTM).

A comparison of water content measurements from the nuclear gauge with the laboratory measurements of water content taken during the construction of P30, L1 resulted in a variance of 8.3% for S549. As a result of the high sample variance and the presence of small amounts of frost in the initially placed material the decision was made to maintain the minimum frequency of laboratory water content tests associated with the nuclear densometer at 1 per 1 nuclear gauge test. Throughout 2022 cover construction, occasionally there were large variances between lab and field moisture content results, resulting in some difficulty selecting an appropriate compaction curve in the field, as well as the validation of appropriate compaction. This resulted in the frequency of water content testing at a 1:1 ratio with nuclear densometer testing being deemed necessary throughout the 2022 season to obtain corrected moisture results for nuclear densometer testing.

On average, the nuclear densometer indicated water contents slightly dry (lower) of the laboratory results, with a standard deviation of 4.1 percent. For final consideration of panel approval, the in-situ dry density and water content measurements were corrected using the laboratory-measured water contents. General observations and constructability of the material used in the CCL allowed for material to be accepted when moisture contents were outside of tolerance on the wet side of optimum. Material placed wet of optimum will aid in the long-term performance of the CCL. The frequency of record testing relative to the requirements outlined in the Technical Specifications is provided in Table 3.8.

Table 3.8: In situ field testing completed in 2022.

Field Test	Prescribed Testing Frequency	Total No. of Tests Completed	No. of Tests Considered for Record Testing Frequency	Actual Testing Frequency
Water Content (ASTM D2216-19)	1 per 1 nuclear gauge tests	86	57	0.9 per 1 nuclear gauge tests
Nuclear Gauge Density and Water Content (ASTM D6938-07b)	13 per ha per lift	69	63	19.8 per ha per lift
<i>In Situ</i> Hydraulic Conductivity (ASTM D6391-11)	1 per 3 ha	4	0	0 per 3 ha

(Okane 2021b)

The frequency of in-situ hydraulic conductivity is represented as 0 per 3 ha due to the completed borehole permeameter tests being interrupted by rainfall during their respective testing periods. These interruptions resulted in increased water levels within the reservoirs which caused the tests to be deemed inconclusive. As a result, further borehole permeameter testing within P30 will be required during the following construction season to ensure the constructed CCL meets the hydraulic conductivity requirements.

Due to less than 3 ha of cover system being constructed during the 2022 season and a 2021 testing frequency of 5.1 per 3 ha, hydraulic conductivity testing is still well above the minimum requirements included in the technical specifications. The review of current borehole testing procedures within the extents of the ASTM is necessary by Okane to mitigate the impact of weather on future hydraulic conductivity testing. Planning testing periods according to forecasts as well as excavations focused on achieving positive drainage will be focuses for future seasons.

Okane will continue to complete targeted borehole permeameter testing to add to the ongoing database which relates water content and dry density to hydraulic conductivity. This database will aid in the creation of a broader acceptable zone for construction that may allow for approval of CCL panels over a wider range of water contents and densities. The

locations of all hydraulic conductivity testing as well as the reasoning for their implementation are represented in Table 3.9.

Table 3.9: Summary of hydraulic conductivity testing.

Test ID	K _{fs}	Comment
EMRS22_BP_P30_L2_B27_220714	N/A	Installed in P30, L2 near D478 due to surface desiccation reaching the point of concern prior to coverage by subsequent L3.
EMRS22_BP_P30_L2_B28_220714	N/A	Installed in P30, L2 near D488 where rework was completed following L2 being exposed for approximately 4 weeks.
EMRS22_BP_P30_L2_B29_220721	N/A	Secondary testing location representative of EMRS22_BP_P30_L2_B27_220714
EMRS22_BP_P30_L2_B30_220722	N/A	Secondary testing location representative of EMRS22_BP_P30_L2_B30_220722

* No K_{fs} values represented for borehole permeameters 27, 28, 29, and 30 due to results being deemed inconclusive.

3.3.13 Toe drain and Instrumentation Exclusion Areas

A number of areas along the base of the EMRS have been identified as seepage areas to be left open during progressive reclamation. During the 2022 construction season no seepage areas fell within extent of the construction area. As a result, no seepage areas were left uncovered and key trenching was completed per the technical specifications.

In addition to seepage areas, exclusion areas are also required around geotechnical instrumentation routing out of the toe of the EMRS. Several of these locations contain piles of waste rock at the toe which further protect the instrumentation. During the 2022 construction season, one area of instrumentation was encountered on the slope of the EMRS at the northern edge of Panel 30. As a result, the Panel 30 key-in trench was terminated prior to reaching the waste rock pile covering the instrumentation to prevent the disruption or potential damage of the instrumentation. Due to construction progressing south opposed to north, the instrumentation remained uncovered. In future panel construction directly north of Panel 30, CCL lifts will need to be placed and compacted overtop of the instrumentation by an excavator in a continuation of proven construction practices from seasons prior.

3.3.14 Vegetative Cover and Surface Water Management System

Due to only 1.6 ha of cover system being constructed during the 2022 season and further hydraulic conductivity testing still required within Panel 30, no additional areas of completed cover system were transferred to the New Gold Environmental department. As a result, no hydro seeding was completed beyond the extents of what was completed in 2021.

4 NON-CONFORMANCES AND REMEDIATION ACTIVITIES

The Technical Specifications were developed such that adherence to these minimum requirements would produce a dataset of appropriate frequency that could clearly demonstrate the closure cover system was constructed to meet objectives. Discussed herein is the process used to assess compliance of the CCL and NCL panel layer with the overarching closure cover system objectives when uncertainty of material type classification indicated the cover system did not meet the Technical Specifications. CQA evaluates the CCL and NCL based on broader assessment of data, material description, and *in situ* hydraulic conductivity testing to determine final approval of panels. The CQA placed more emphasis on the test results of the CCL and the resulting *in situ* hydraulic conductivity as this is a critical design criterion that will affect the overall cover system performance.

4.1 Compaction and Water Content

The Technical Specifications prescribe a minimum percent compaction and water content range of 95% of the SPMDD and within -2 / +4 percentage points of the OWC, respectively for the CCL. These parameters are highlighted in Table 4.1, with field and lab non-conformities shown in Tables 4.2 and 4.3.

Table 4.1: Parameters for non-conforming in-situ testing.

Parameter	Maximum allowed % of failed tests	Allowable range for outliers
Water content	3% (not concentrated in one area).	2% dry of allowable range or 3% wet of allowable range
Dry Density	3% (not concentrated in one area)	80 kg/m ³ below required value

Okane, 2021b

Table 4.2: Percentage of non-conforming in-situ testing (field).

Parameter	% of Tests Failed (2022 Season)
Water content	63%
	(43% failed tests outside of allowable range for outliers)
Dry Density	(48% failed tests wet/ 53% dry)
	13%
	(100% failed tests outside of allowable range for outliers)

Table 4.3: Percentage of non-conforming in-situ testing (MC – corrected).

Parameter	% of Tests Failed (2022 Season)
Water content	78%
	(37% failed tests outside of allowable range for outliers)
	(41% failed tests wet/ 59% dry)
Dry Density	24%
	(100% failed tests outside of allowable range for outliers)

Although the maximum allowed percentage of failed tests relative to the specification was exceeded throughout construction in 2022, suitable compaction and moisture contents were achieved during the construction of the CCL in completed panels. It is important to note that the use of a natural borrow source will result in frequent small variations in material properties, and the proctor selected for reference and for use in evaluation against specifications may not be completely representative of the material. To account for this variability, Okane holistically evaluated the suitability of the CCL during construction based on moisture contents, material properties, and field performance.

The above water contents were evaluated on a case-by-case basis and subject to review and approval by the CQA. Typically, when the material was wet of optimum and outside of the specification, Okane was confident in the suitability of the material and its subsequent performance within the cover system to approve the panel. The main criteria that were reviewed included:

- Constructability; and
- If any concerns with slope stability were raised.

With moisture contents dry of optimum and outside of the specifications, visual *in-situ* soil inspections were completed by CQA to review malleability and determine if the material in question was suitable to produce a cohesive, singular lift. Following CQA inspection, the implementation of borehole permeameter testing was utilized to understand the potential impact on *in-situ* hydraulic conductivity. Following completed borehole permeameter testing in 2022 being deemed inconclusive as a result of interruption due to rainfall, further testing in upcoming seasons is still required within P30 to ensure adequate hydraulic conductivity has been achieved.

Where nuclear densometer testing indicated that a particular section had not met one or more construction specifications, further review of the in-situ testing and material

characteristics as well as targeted borehole permeameters were completed to ensure the overall performance and objectives of the CCL were still being met. Borehole permeameter tests were completed in an attempt to gain an understanding of the field saturated hydraulic conductivity and its relationship with the water content, dry density, and clay content over the range of OVB materials encountered.

During the 2022 construction season, stockpile sampling of several borrow areas was completed prior to and during construction which enabled the successful and continued use of one proctor for a single panel in most instances. The practice of obtaining proctor results from the material stockpiled at various borrow sources ahead of construction reduced the difficulty of selecting representative proctor values in the field. However, in the event an appropriate compaction curve needed to be selected in the field Okane considered:

- Descriptions of material and the compaction process;
- Visual analysis of material and CCL sections;
- Consideration of nuclear densometer test results in the context of the compaction curve database; and
- Material texture and plasticity data.

Okane continues to create yearly compaction curve sheets which incorporate data from samples collected during construction of the EMRS CCL (Figure 4.1). These compaction curves were used during assessment of field density measurements to evaluate percent compaction. As laboratory proctor tests take approximately 4 to 5 days to complete, the use of these compaction curves allow construction to continue until a laboratory proctor can be completed. Results of laboratory compaction testing were then applied to the field densities to determine the actual compaction achieved *in situ*.

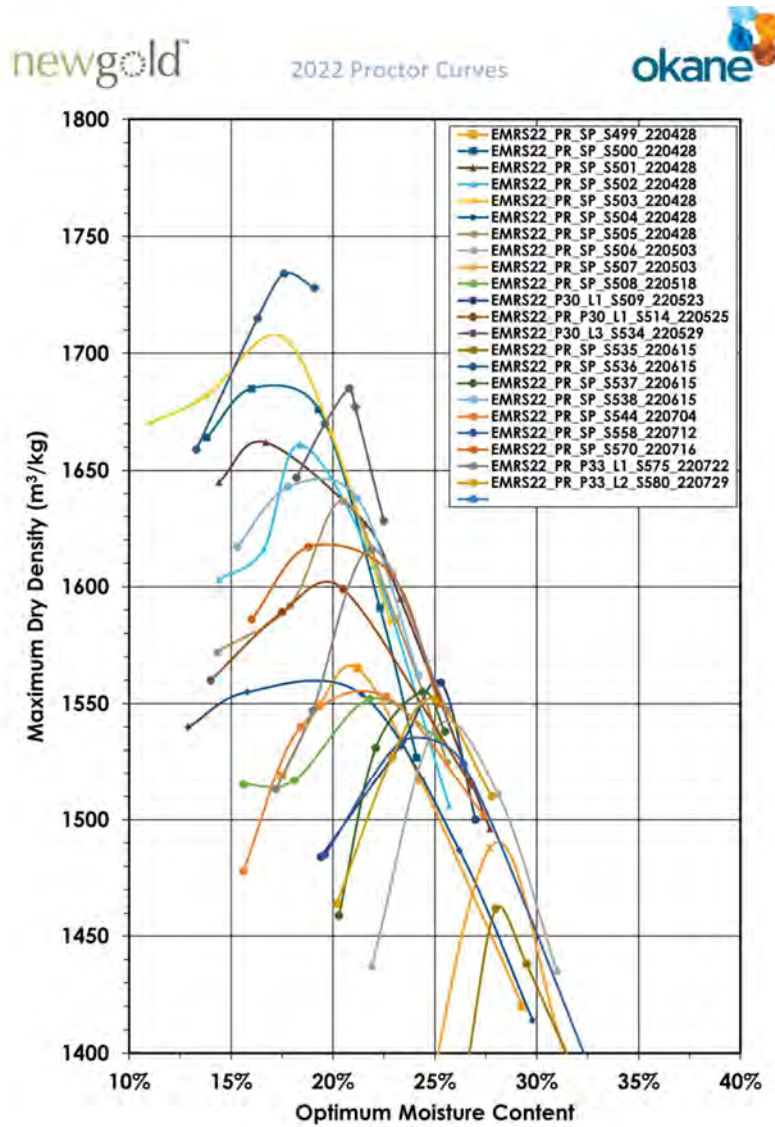


Figure 4.1: 2022 compaction curves.

4.2 CCL and NCL Lift Thickness

Building off the learnings and recommendations of the 2021 construction season the targeted constructed lift thickness of each of the CCL lifts for the 2022 construction season was increased to 0.30 m from 0.25 m. This resulted in the CCL being constructed within tolerance at 0.6 m and the NCL being constructed to maintain a nominal cover system thickness of 1.5 m. By utilizing more material in CCL construction, the frequency of low areas represented in the heat maps continued to be minimal and no investigations were required during the 2022 construction season.

This combined with the ability for Tulloch to survey the entirety of the waste rock surface within the panel boundaries prior to any material being stockpiled on the bench/crown of the panel resulted in only 0.69% of CCL and 4.29% of NCL lift points being under tolerance and considered non-compliant according to the final as-built report. It is noted that the majority of red areas (< 1.4m) represented within the final NCL heat map appear to occur past the key trench and outside the extents of the cover system. This is a result of the NCL needing to be extended past the key trench and into a topsoil berm to allow for adequate runoff. These areas are not considered a point of concern as they have no effect on the ability of the cover system to perform as designed.

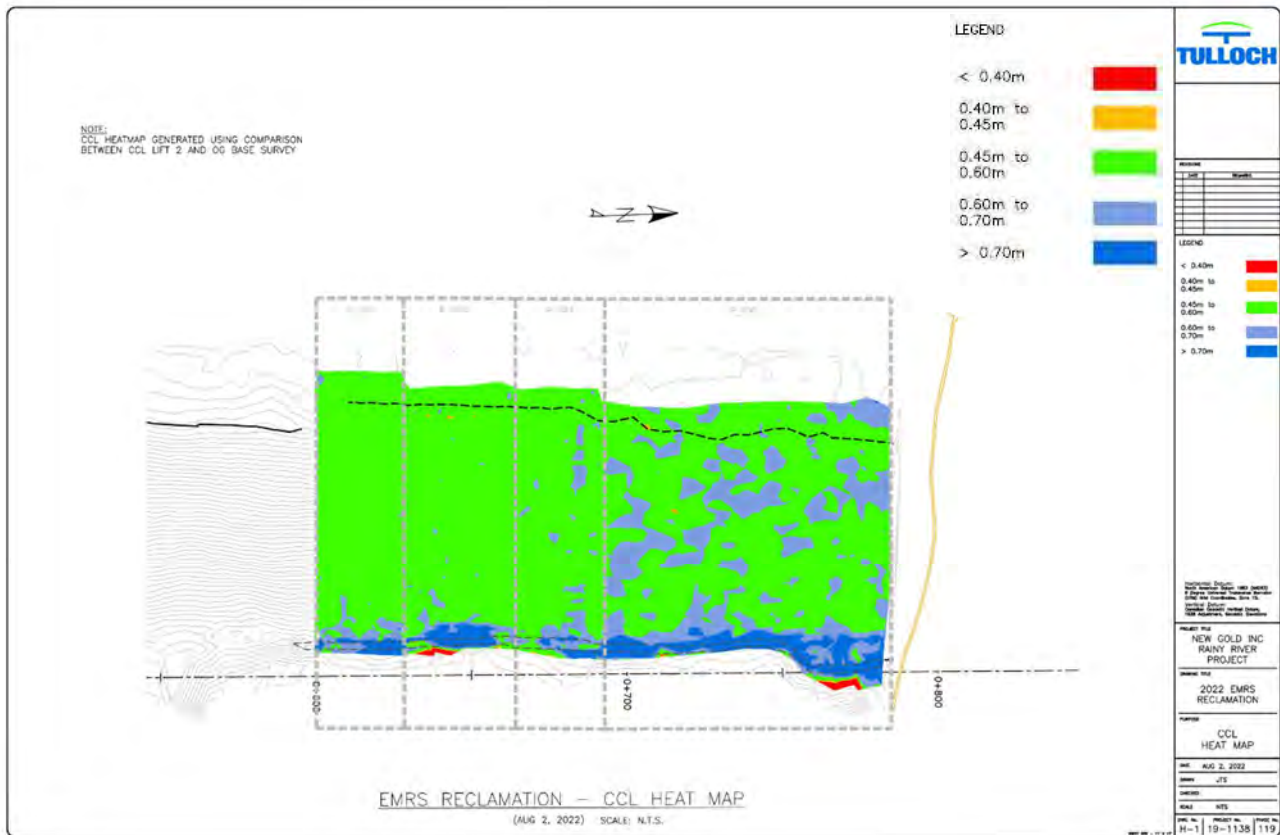


Figure 4.2: EMRS 2022 CCL thickness heat map (from Tulloch, 2022b).

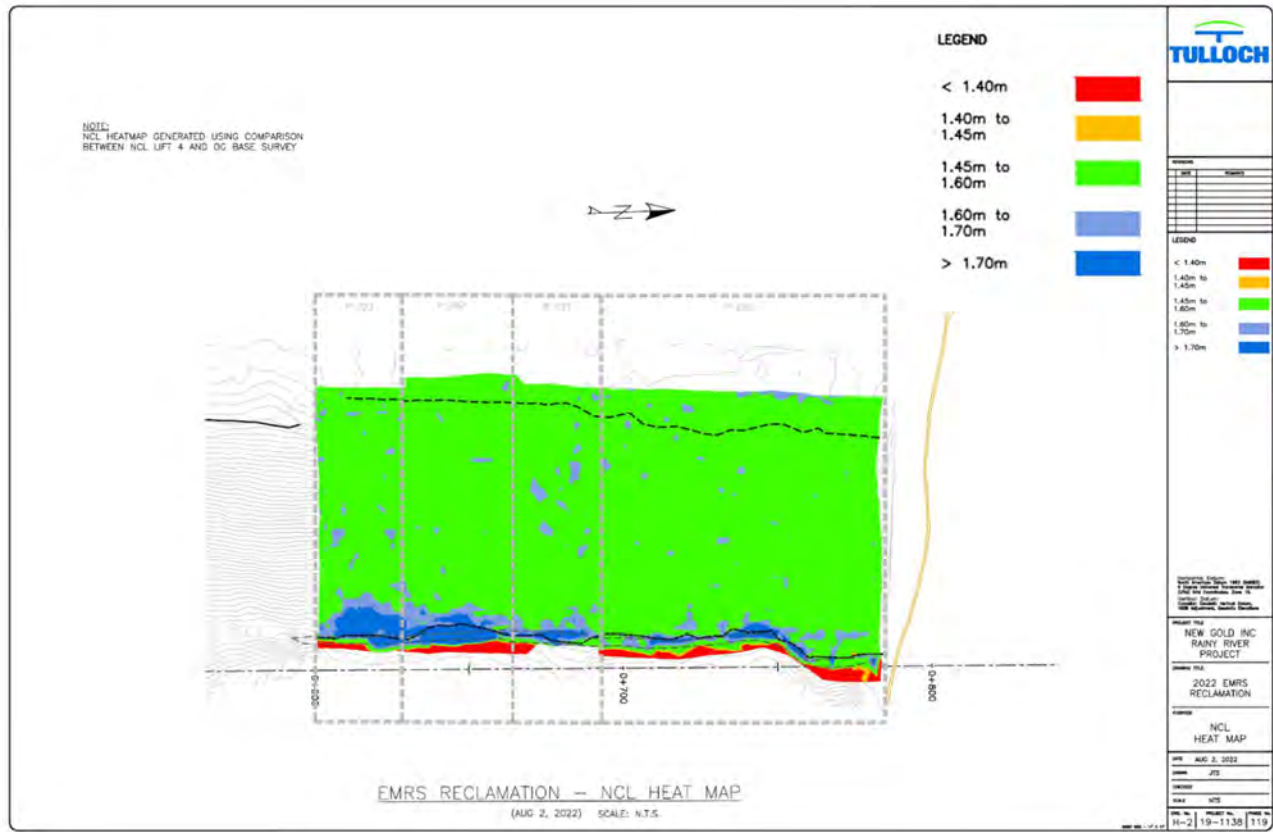


Figure 4.3: EMRS 2022 NCL thickness heat map (from Tulloch, 2022c)

5 LEARNINGS AND RECOMMENDATIONS

In 2022, Okane maintained a focus on continuing proven construction practices from past seasons and identifying areas for improvement that could be carried forward into future construction. As a whole, the 2022 season was a successful continuation of progressive reclamation on the EMRS. New construction methodologies were implemented due to large rainfall events and different placement conditions dependent on the location within the EMRS. Okane is looking forward to continuing to build from this season and believes that utilizing the following key learnings and recommendations will aid in that goal.

5.1 Construction Methodology

During cover system construction in 2022, changes in construction methodology were made to help ensure the cover system design was met and / or improve the efficiency of construction

5.1.1 CCL Compaction

Following the request to lower the number of passes required by the roller from four to two during the 2021 season, New Gold returned to the initial methodology of completing 4 passes with the sheepsfoot roller for all CCL lifts completed. A lessened need for the implementation of compaction trials to confirm adequate compaction resulted after returning to 4 passes of the sheepsfoot roller. Although there was no longer a need to prove that 2 passes of the roller had achieved proper compaction, compaction trials remained a useful practice to be utilized at the discretion of CQA in the event:

- A representative proctor was not used;
- Testing results did not meet specifications;
- A visible change in material was noted.

Due to pre-emptive stockpile sampling of multiple borrow areas and thorough sorting of CCL material during the handling process the above conditions were not met during the 2022 season. As a result, compaction trials were not deemed necessary by CQA as panels 30 to 33 were constructed with relatively homogeneous material with representative proctor values for nuclear density testing.

5.1.2 Effective Cover Drainage

Due to the presence of a topsoil berm located on the east side of the EMRS at the toe between stationing 0+793 to 0+562, difficulty occurred achieving effective drainage off the cover

system. This difficulty was a result of the topsoil berm elevation being greater than that of the final NCL lift in areas. As panel construction progressed down chainage, the height of the topsoil berm increased which resulted in NCL lifts being constantly assessed for areas of pooled water.

It was determined that in order to achieve adequate runoff past the toe of the EMRS cover system, the best course of action was to alter the construction methodology of L4 placement and extend the NCL further past the key trench. While extending L4, the topsoil berm was simultaneously regraded to allow runoff to pool within the topsoil material opposed to within the extents of the cover system. Following the completion of P33, CQC marked out the location of the key trench through panels 30 to 33 to provide a visual representation that pooled water was indeed outside the extents of the cover system.

While extending the NCL during L4 placement achieved adequate runoff upon panel completion, the issue of pooling water within the extent of panels occurred after rainfall during the construction of lifts 1 to 3. Okane recommends the pre-emptive regrading of the topsoil berm remaining during upcoming construction seasons. This would result in improved runoff during panel construction and limit the amount of downtime required to dry placed material following rainfall.

5.1.3 Panel Widths

During the construction of panel 30 rainfall caused the CCL material to be oversaturated and contain areas of standing water. While the material was given time to dry, New Gold made the decision to extend the width of P30 to 90 m to continue CCL placement and limit down time. As a result, P30 CCL was tested in two halves to enable construction of subsequent lifts on the approved southern half while compaction and testing was still in progress on the northern half of the panel.

During NCL placement overtop of the approved CCL lifts, areas of P30, L2 achieved a concerning level of desiccation. As there was no availability to wet the material prior to coverage it was determined the best available course of action was to cover L2 with a reduced NCL lift of moist pliable material. Subsequent delays and priority work within the TMA led to P30 CCL being exposed long enough that rework of the lift needed prior to resuming NCL placement.

Following the completion of P30, the panel widths were decreased to a target width of 30m. Upon the return to smaller panel widths the desiccation of CCL material was no longer an issue for the remainder of cover system construction in 2022.

5.2 Waste Rock Surface

A frequent challenge throughout construction in 2021 was the uncertainty surrounding the waste rock surface at the crest, directly below the stockpiled material. In response to this issue, material was no longer stockpiled on the slope of the EMRS where panel construction was to occur during the 2022 season. CCL material was instead hauled to the current placement area for use in cover construction. This new methodology resulted in Tulloch being able to survey the entirety of the panel area and the generation of a more accurate waste rock surface for subsequent lifts to be built off at the desired offset.

As a result of the more accurate waste rock surface no further exploration in the form of spot checks were required during 2022 construction. This streamlined the construction process greatly as there was no need to remove already placed material to obtain accurate survey data in the area of the bench/crown to generate a revised waste rock surface.

5.3 Stockpile Material Quality

It was noted that different borrow locations within in the EMRS contained stone content of varied quantities. While the north and central stockpiles were deemed acceptable for CCL use following stockpile sampling and field inspections, the southern stockpile was found to contain a large quantity of stone at varying gradations that made the majority of the borrow area only suitable for NCL use.

An improved method of the material handling process would be beneficial for the overall efficiency of subsequent construction seasons to maximize the amount of material which can be utilized for CCL placement. If changes in the quality of borrow material at the source is noted, a communication plan should be developed and implemented for assisting in material placement locations to avoid issues that cause delays in reclamation activities.

5.4 Documentation and Data Transfer

During the 2022 construction season, Infrakit was continued to be used as an information management system for cover system construction. Lab results, daily QC/QA reports, placement maps, as-built surfaces, field testing results, sample points, EMRS stationing, and panel boundaries were all compiled within Infrakits database of cover system construction for the 2022 season. Due to stoppages during the construction season, documentation intervals varied but adhering to the common naming convention allowed for easy categorization of results following breaks in EMRS construction.

The introduction of InEight construction software by New Gold for the 2022 season resulted in Tulloch laboratory results being entered into the software and relayed to Okane via document transmittal emails. This allowed CQA to download testing results for entry into the quality assurance data summaries but removed the ability to access the inventory of test results that were previously available through a shared folder. While the current utilization of InEight is adequate, Okane believes having access to the InEight database would be beneficial for following construction seasons.

To aid in the efficiency of future survey data transfers, Okane recommends having a monthly submission of all relevant data from Tulloch. Survey data includes all lift as-builts, lift points, density and sample location points, and panel boundaries. The monthly submission of data is beneficial for CQA to separate construction monthly and is added to Infracit to create a base map for referencing locations with respect to the daily reports. Obtaining this data at month end will enable Okane to complete a review of the information and generate as-built reports within Infracit for the month.

5.5 Implemented Learnings and Recommendations

Several learnings and recommendations from the 2021 record of construction were implemented during the 2022 construction season and led to improvements in the construction process. Okane considers the continuation and expansion of these learnings vital for future cover system construction.

5.5.1 CCL Construction

At the start of the 2022 construction season, construction continued based off the previous years' learnings with a targeted nominal CCL thickness of 0.6m. This resulted in the CCL being constructed within tolerance at 0.6 m and the NCL being constructed to maintain a nominal cover system thickness of 1.5 m. This continued methodology combined with Tulloch's ability to survey the entirety of the panel prior to the placement of material resulted in no low spot investigations being required during the 2022 construction season.

5.5.2 Compaction Curve Selection

The most challenging aspect of cover system construction continues to be the uncertainty of the CCL material characteristics until placement due to the variability of material from multiple borrow areas within the EMRS via the open pit. This was a known challenge prior to the onset of construction and has continued throughout the duration of construction activities. Pre-emptive stockpile sampling has helped to mitigate this issue, but material variability still presents issues with selecting appropriate and representative proctor curves at times.

The most important design criterion for the CCL is the as-built hydraulic conductivity. Aside from considerations related to geotechnical stability, the specifications included in the Construction Handbook (Okane, 2021b) are provided to ensure the hydraulic conductivity target is achieved. Okane has continued utilizing laboratory test results, primarily the hydrometer, to indicate material suitability with respect to hydraulic conductivity. Targeted borehole permeameter testing continues in order to add to a database relating water content and dry density to hydraulic conductivity. This database will aid in the creation of a broader 'acceptable zone' for construction that may allow for approval of CCL panels over a wider range of water contents and densities.

5.5.3 Laboratory and Field Testing

Although there were improvements in the frequency of testing that was completed during the 2021 construction season, the general recommendation for CQC is that the testing frequencies stipulated in the Construction Handbook are described as the minimums allowable. This means that if there is any uncertainty in the quality of the cover material or if tests are bordering failure, more testing should be completed. Additional samples and tests may also be requested at CQA's discretion. These additional tests can provide the project group with a better understanding of the quality and consistency of the cover system that will inform on long term cover system performance.

Proactive testing of stockpiles is recommended to continue as a routine activity for upcoming construction seasons. The tests completed can vary based on visual inspection, but the data collected from these tests combined with visual inspections will aid in identifying subsequent proctor values to be used for compaction testing.

With respect to in-situ hydraulic conductivity testing, the following improvements will continue to be implemented on all subsequent tests.

- Tests will remain in place for a minimum of four days. This test period is typical of material with low K_{fs} ; the clay OVB used in the CCL requires at least several days to reach steady state conditions. Results will be analyzed prior to terminating the tests to ensure steady state has been achieved (<5% difference in K_{fs} measurements between readings);
- To reduce condensation within the water reservoir, solar shields will continue to be employed; and
- Where possible, readings will be collected at approximately the same time each morning to account for changes in condensation through the day and to allow a suitable long period between readings to reduce noise in the data set.

5.5.4 Survey Control

Building off recommendations from the 2021 season, the following items were continued or introduced to aid in survey control to limit the potential of rework:

- Preparation and survey of the waste rock surface to the level of detail required for thickness comparisons on a highly variable surface;
- Survey of waste rock surface at the bench and crown prior to the stockpiling of material within panel limits;
- Development of subsequent design surfaces for each material lift to act as a reference guide;
- Use of GPS guided equipment; and
- Frequent generation of heat / thickness maps to identify suspect areas for review.

5.5.5 Documentation

The following types of documentation were identified throughout the season as having a great importance to CQA and to the success of the reclamation activities.

5.5.5.1 Daily Reports

Daily reports completed by CQC documented all testing and observations during construction. The reports were completed by CQC and submitted daily to CQA for review. During the construction season, the consistency of reporting improved to be more in line with that of the 2021 season. Highlighted below are the key pieces of information and observations identified for continued inclusion in the reports.

1. Every section should be filled out on daily reports. Key information regarding the material used for the CCL should be included. This information and details of the CCL material should include:
 - Initial consistency (moisture, structure, texture, etc.);
 - Placement observations (e.g., is the material stiff and compacts well, does equipment leave ruts and ridges);
 - Final surface conditions prior to placement of the non-compacted layer (NCL); and

- The inclusion of material samples taken according to the naming convention.
2. Consistency in material description of CCL material is important to allow for any change in material to be well documented. Detailed notes should be included to indicate if the material has remained consistent or changes observed along with material descriptions.
 3. The panel approval section indicates if a section of the CCL meets the criteria outlined in the Technical Specifications and is deemed acceptable. Part of the CQC work involves ensuring the appropriate proctor compaction curve is applied for the CCL material to determine that the density has met the Technical Specifications. CQC is responsible for selecting an appropriate proctor for the CCL material using the supplied guides, technical experience, and support from CQA, as needed. The proctor applied to determine field compaction should be documented within the Daily Report with comments as to why the material proctor was selected.
 4. CQC should provide context in the Daily Reports around any issues observed between the in-situ density readings and the laboratory proctor results in the event CQA is not on-site. This information could include, but is not limited to, issues with the waste rock surface (large void spaces), changes in material structure (soft to very soft), water contents, and material variability within a lift.
 5. Consistency according to the document naming convention both within the report name and its contents. Having the naming convention followed within the reports allows for the consistent referencing through all site documentation which matches quality assurance databases.

5.5.5.2 Density Reports

Density reports were completed by CQC and provided to CQA to capture all relevant information and data associated with nuclear densometer testing (standard counts, material wet and dry density, water content, location, etc.). The quality of Density reports improved following the request for additional information for testing locations to further differentiate which testing locations should be used for approval or if extenuating circumstances resulted in additional testing being completed in the area. In general, all relevant information was included in these reports.

A key aspect to highlight is that laboratory results (water contents and proctor curves) should be used to correct the field density test results. Upon receipt of laboratory results, density checks should be completed by CQC in the Density Reports to ensure the verified CCL panels achieve specifications and resubmitted to CQA as a revision.

5.5.5.3 EMRS Tracking Summary

A tracking summary was completed and sent out daily by Tulloch to maintain a summary of all samples taken. These samples were named under the agreed upon naming convention and the corresponding stationing and offset were listed. This summary gave CQA a great tool for reference against Okane's testing database to ensure all testing and corresponding results were accounted for.

5.5.5.4 Survey Data

Survey data includes all lift as-builts, lift points, density and sample location points, and panel boundaries. This data is crucial for CQA services and will be added to Infrakit to create a base map for referencing locations with respect to the daily reports. This data will also aid in the review of thicknesses during construction activities via the generation of as-built reports within Infrakit.

5.5.5.5 Communication

Okane recommends the continuation of a kick-off meeting prior to the construction season to confirm the roles and responsibilities for all parties involved. This will ensure that there are clear lines of communication between the groups, create a mutual understanding of work to be completed, and will help issues to be resolved efficiently.

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Appendix A

EMRS Operational Handbook

EMRS Cover Construction Operational Handbook

July 29, 2021



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okane



Integrated Mine Waste Management
and Closure Services
Specialists in Geochemistry and
Unsaturated Zone Hydrology

EMRS Cover Construction Operational Handbook

1003/019-009

July 29, 2021

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A	August 14, 2020	M.McKeown	H.Cooper	J.Lutz
B	August 19, 2020	M.McKeown	H.Cooper	J.Lutz
0	September 17, 2020	M. McKeown	H. Cooper	J. Lutz
1	July 29, 2021	H. Cooper	M. McKeown	J. Lutz

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TABLE OF REVISIONS

Revision	Date Submitted	Reason
Rev A – DRAFT	August 14, 2020	Original submission
Rev B – DRAFT	August 19, 2020	Revisions made based on review comments and clarifications requested by New Gold.
Rev 0	September 17, 2020	Revisions based on feedback from Tulloch for clarification. Revisions to sections 5.2.1, 5.2.3, and 6.0.
Rev 1	July 7, 2021	Update water content specifications, additional density protocols, hydraulic conductivity protocols, specification for out of tolerance CCL thickness.

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Attachment A Material Selection Guide

1 INTRODUCTION

1.1 Project Objectives and Scope

This purpose of this operational handbook is to serve as a practical reference guide for the construction of the cover system on the lower benches of the East Mine Rock Stockpile (EMRS) slopes. It is specifically designed for the NE wick drain 2/3/4 and SE shear key bench slope areas identified for progressive reclamation.

1.2 Cover Design Overview

The EMRS has been designed to store and encapsulate potentially acid generating (PAG) mine rock. An enhanced cover system consisting of a barrier layer overlain by a growth medium is designed to limit net percolation (NP) and control oxygen (O₂) ingress to the PAG rock. The enhanced cover system uses both moisture store-and-release and enhanced runoff principles to achieve reduced NP. The barrier layer within the cover system controls O₂ ingress by effectively eliminating advective gas transport. However, a degree of saturation of approximately 85% within the layer must be maintained for the advective gas transport barrier to be effective. The enhanced cover system will be placed over the side slopes, benches and the upper plateau areas of the stockpile, progressively during operations, and at closure. Progressive rehabilitation of the stockpile will begin in autumn 2020; the cover system will be constructed on about 14ha of the lower bench slopes in the NE and SE, following rock placement and surface preparation.

The two layer cover system will consist of:

- A 0.5 m compacted overburden layer placed directly on the landform prepared to the required grade;
- A 1 m non-compacted overburden layer placed directly on the underlying compacted layer;
- A vegetation cover that meets landform land use expectations; and
- A surface water management system that allows for the landform to meet physical stability expectations.

The 1 m layer of non-compacted overburden material is the main store-and-release component of the cover system (growth medium), while the 0.5 m layer of compacted overburden material limits net percolation and oxygen ingress into the underlying mine rock (barrier layer). The cover system provides source control in two ways: the limitation of oxygen

into the mine rock, thereby decreasing the oxidation of sulphide materials within; and reduction of water infiltrating through the stockpile and reporting to the groundwater table.

2 SCOPE

This Technical Specification applies to Work constructed by contractors, sub-contractors or hired labour that have entered into a contractual agreement with the Owner.

This Technical Specification shall be used in conjunction with the stated requirements of any Local and Federal Governments or other authority in whose area the Work is to be constructed. This also includes Environmental, Health and Safety legislation.

This Technical Specification allows access for inspection, surveying, sampling, or testing through out the course of the Work by the Owner, CQC, or CQA.

This Technical Specification was developed to direct quality assurance and quality control activities during construction of the cover system during the planned autumn 2020 progressive reclamation activities on the lower bench slopes of the EMRS in the NE Wick Drain 2/3/4 and SE Shear Key areas, and is only intended for this use. This Technical Specification was developed using available information for the open-pit materials expected for use in the cover construction of this area. It is anticipated that this Technical Specification will be reviewed and adapted as necessary to reflect changing material borrow types or varying conditions on subsequent sections of progressive reclamation on the EMRS.

3 STANDARDS

The following information outlines all relevant standards and/or published guides to be followed where specified. Variations to these standards and/or guides shall be approved prior to implementation by the Construction Quality Assurance personnel.

Table 3.1: Laboratory Testing Standards

Laboratory Test	ASTM Standard
Water Content	D2216-19
Atterberg Limits	D4318-00
Particle Size Distribution (Soils)	D6913M-17
Hydrometer	D7928-17
Standard Proctor	D698-12e2
Hydraulic Conductivity	D5856-15 or D5084-16a

Table 3.2: Field Testing Standards

Field Test	ASTM Standard
Compaction by Nuclear Densometer	D6938-07b
Hydraulic Conductivity	D6391-11

4 DEFINITIONS / ABBREVIATIONS

The following table summarizes and describes all abbreviations and terms used throughout this document.

Table 4.1: Definitions/Abbreviations

Term	Abbreviation	Definition
Owner	-	Defined as New Gold or its authorized representative.
Engineer		Refers to the designated engineer responsible for technical oversight of the cover system, or their appointees.
Site	-	Defined as the land and other places on, under, in or through which the Work is to be carried out.
Work	-	Defined as the entire completed construction or the various separately identifiable parts thereof, as defined in the Technical Specifications, or as required by the Owner or CQA.
Construction Quality Control	CQC	Defined as the personnel responsible for monitoring and controlling the quality of the Work. Personnel are required to ensure measures are taken to comply with requirements for materials and procedures as stated in the specification for the Work.
Construction Quality Assurance	CQA	Defined as the personnel responsible for assuring the Work was constructed as specified. Personnel are required to ensure the Work is in compliance with the specifications developed for the Work.
Capital Projects	-	Defined as the party who will execute the Work for the Owner.
Technical Specifications	-	Defined as this document in its entirety or other addenda prepared for the Work.
Earthworks	-	All operations necessary to excavate earth and rock from the proposed site irrespective of type and sub-surface conditions, to borrow or import embankment material for use as specified, to construct embankments including placing selected material as specified, to backfill around in situ structures, and to remove and replace unsuitable material below the subgrade.
As-built	-	A field survey, construction drawing, 3D model, or other descriptive representation of the completed earthworks.
Compacted Clay Layer	CCL	The barrier or low permeability layer at the interface of the leveling layer or waste rock surface.
Non-Compacted Layer	NCL	The covering layer for insulation and limiting freezing of the Compacted Clay Layer.
Percent standard compaction		Relative Dry Density of in situ material expressed as a percentage of the maximum dry density of the material using Standard Compaction procedures as specified by ASTM standards.

The role of the CQA is to ensure the Work is completed as per the design specifications. CQA personnel may not be on site at all times, but must have access to all data, testing results, and

documentation completed by the CQC. Additional sampling and testing can be requested by the CQA at any time during construction (before or after approval by CQC). The Owner shall give the CQA full cooperation in sample taking or conducting tests at their discretion and shall render such assistance as is necessary to enable sampling and testing to be carried out expeditiously. The Owner shall allow sufficient time for the CQA to carry out the required test work in order to determine the acceptability of the placed materials.

CQA are expected and allowed to complete inspections, audits, and review of all Work approved by the CQC. It is at the discretion of the CQA and/or the Engineer to provide final approval for the Work. CQA inspections and audits will include both completed Work approved by the CQC and current Work being completed.

5 GUIDELINES AND SPECIFICATIONS

5.1 Surface Preparation

The objective of EMRS Surface Preparation is to prepare a relatively dense and uniform foundation for the cover system, which has minimal open voids as well as no large protruding rocks. The finished bare waste rock surface of the EMRS shall be prepared to the satisfaction of the CQC prior to placing cover material for the loose lift for CCL. Once the EMRS finished surface is approved by the CQC, the Owner or CQC shall survey the surface as a record of construction to confirm the landform conforms to EMRS design specifications, and for determination of proper cover layer thicknesses in all areas. All CQC documentation will be provided to the COA/Engineer for review to ensure conformance to the above-mentioned specifications.

5.2 Compacted Clay Layer

The CCL will serve as a barrier layer to limit net percolation of surface water through the cover system and into the underlying waste rock. It also serves to limit oxygen ingress into the waste rock landform.

5.2.1 Material

RRM plans to use materials excavated from within the pit boundary as fill material for construction of the CCL. The identified clay overburden within the pit boundary area consists of both the Brenna formation and the Whitemouth Lake (WML) formation. Gradation requirements for materials incorporated in the CCL are provided in Table 5.1.

Table 5.1: CCL Gradation Specification

Particle Size (mm)	Coarser Limit (% Passing)	Finer Limit (% Passing)
250	100	100
175	100	95
25	100	95
2	100	70
0.425	100	70
0.063	100	40
0.002	90	10

In addition to the textural requirements outlined above, the material should have a minimum plasticity index of 10. Sampling and testing should be completed as per Section 6 to

document compliance with textural and plasticity specifications. A material selection guide has been provided for assessment of plasticity in the field (Attachment A).

CCL material shall be free of deleterious material such as organics and large rocks (> 250 mm). Any CCL material delivered to the construction zone that is not of suitable quality for CCL construction must be removed, and replaced with additional CCL material.

The cover system shall not contain any waste rock material. Cover system material that may have been mixed with the underlying waste rock due to scraping and movement of material shall not be used within the cover system.

5.2.2 Material Identification and Handling

Selecting materials most suitable for use in the CCL will require close coordination between the Pit Supervisor and Capital Projects. As materials for the CCL will be sourced from the pit boundary, material control will begin with excavation. The volume of material required for construction of the CCL represents just over one third of the total material volume requirement for cover system construction. Material control requirements for the CCL are more stringent than those for the NCL. As such, the majority of the materials reserved for cover system construction can be excluded from the CCL as necessary and utilized in the NCL.

The ideal time to exclude materials from the CCL is prior to placement. The most efficient means of reducing water content will likely involve end-dumping materials selected for use in the CCL in situ (discussed below), which requires that material selection take place prior to placement. To the extent possible, materials should be 'preapproved' by the truck load to minimize the requirement for handling after placement. Truck loads should be prioritized for CCL construction based on the following criteria:

- Material properties meet specifications as outlined in Section 5.1
- Materials should be free of deleterious materials and organic matter such as trees or topsoil. Stripping materials prior to excavation would ensure these materials are not included in the CCL, promote drying of overburden materials prior to placement, and provide a reserve of organic materials for reclamation activities.
- Materials should be free of oversize (> 250 mm) materials (to the extent possible prior to placement).
- Materials should be relatively homogeneous. Even if the contents of a truck load meet the above criteria, dumping mixed materials of varying textures and compaction characteristics will complicate the construction process (discussed in Section 5.2.3).

Materials which are deemed unsuitable for use in the CCL can be used in the NCL. Materials to be used in construction of the NCL should be stockpiled in locations convenient for timely application of the NCL following CCL construction (Section 5.3).

Material tests to document conformity of the materials to the above specifications are provided in Section 6. A field guide to evaluate plasticity is provided in Attachment A. Attachment A can be used to guide decision making in the field with regard to a material's plasticity before laboratory test results are available.

5.2.3 Placement and Compaction

The current specification is to compact the CCL in two lifts of nominally 0.25 m. Based on compaction efforts to date, the first lift should be placed in loose lift approximately 0.4 m in thickness and should not exceed 0.5 m. After compaction, the first lift shall have a minimum thickness of 0.25 m (measured perpendicular to the ground surface) -0.1 m / +0.2 m tolerance. The second lift may be placed at a reduced lift thickness depending on the surveyed thickness of the first lift. The CCL shall have a minimum total thickness of 0.50 m across the EMRS with a -0.1 m / +0.2 m tolerance.

The minimum dry density and moisture content range for compaction of the CCL is 95% of the standard proctor maximum dry density and within -2 / +4 percentage points of optimum moisture content, respectively, as determined by ASTM D698¹. With the variability of a natural borrow source there can be difficulties in selecting and maintaining an appropriate proctor value. In these instances, a re-compaction of the CCL can be completed to give an indication of the level of compaction achieved and therefore percent compaction allowing the CQA to accept the panel. The general procedure for completing a test pad is described in detail below.

Proctor compaction curves determined based on materials sampled from borrow sources (AMEC, 2017) and in situ from the CCL are presented in Figure 5.1. Proctor curves are roughly separated into Brenna and WML formation material. For example, the EMRS- L1-021 and EMRS- L1-026 materials fall within the assumed Brenna formation with a Standard Proctor maximum dry densities of 1,621 and 1,729 m³/kg with corresponding optimum moisture content of about 22 and 18%, respectively. The measured in situ water content were 24 and 21% which are within the targeted range (1 to 4 percentage points wet of optimum). Where the water content is beyond the specified range, the CQA can determine if the material will be

¹ ASTM D698 Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³ (600 kN-m/m³)).

acceptable based on the visual characteristics (firm, pliable) and the general constructability of the material.

Soils that are too wet must be allowed to dry prior to compaction. To promote drying, the material may be placed in a loose lift prior to compaction. To reduce handling requirements during placement, the materials may be end dumped directly over the slope. Drying may take place over one or more days depending on the weather. When the material can support heavy equipment, a bulldozer can spread it to achieve the targeted loose lift thickness. CQC should check water content periodically to determine when it is within the acceptable range. A disk tiller or rototiller may also be used to ensure uniform drying of the material as necessary.

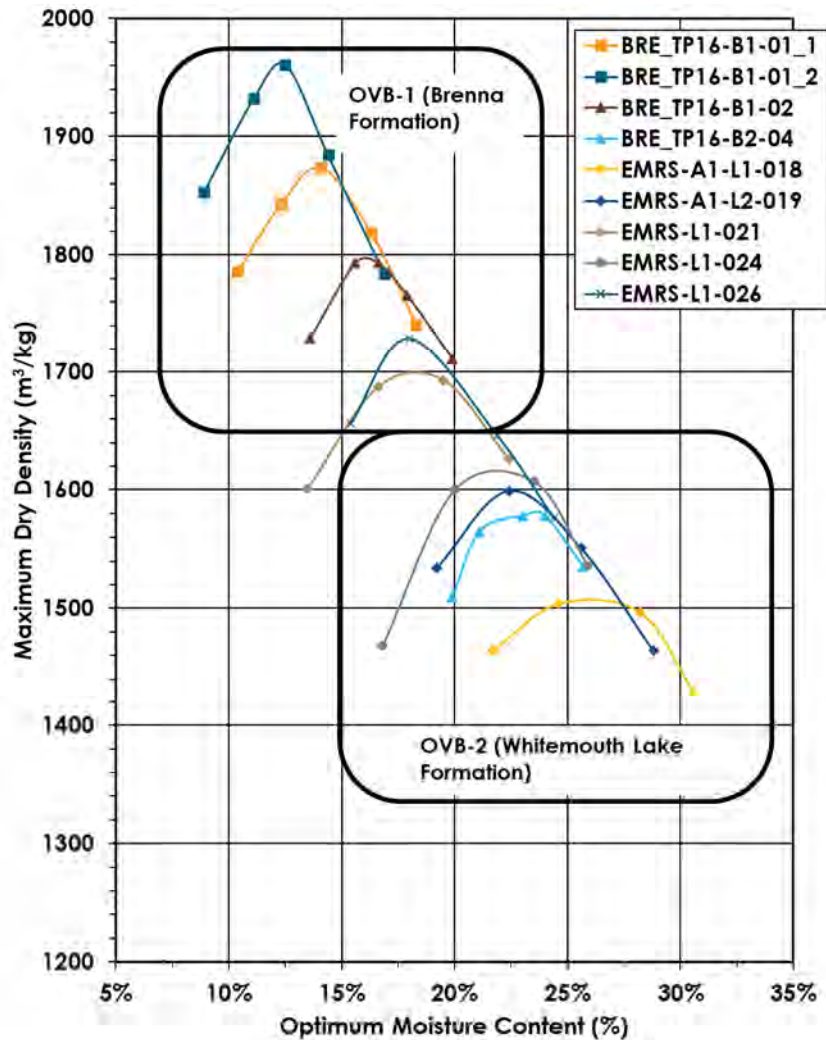


Figure 5.1: Compaction curves from field testing program

Samples EMRS-A1-L1-018, EMRS-A1-L2-019, and EMRS-L1-021 were in situ CCL material. This material comprised a higher proportion of clay sized particles, a higher plasticity index, and compaction characteristics more characteristic of WML. The difference in optimum water

contents and maximum dry density were evident. Figure 5.1 highlights the importance of material characterization during placement due to the variability in material properties. Mixing materials in various proportions could produce a wide range in optimum water contents and make it very difficult to select the appropriate curve in the field. The inability to select the appropriate compaction curve may result in an inability to demonstrate that the CCL was constructed as designed.

An understanding of which curve is applicable is required to ensure proper compaction of the CCL. It is expected that an appropriate curve will be selected primarily using a subjective assessment. Laboratory proctor compaction tests should proceed throughout construction at a minimum frequency of one test per 4,000 m³ of material placed (Section 6). Control testing frequencies (in Table 6.2) can be revised as construction of the CCL progresses and the properties of the material used to construct the CCL is better understood. If materials are shown to be relatively homogeneous, CQC personnel can estimate optimum water content for the material based on previous test results and an evaluation of the material at any given location. A material can be considered homogeneous for this purpose when a set of no less than five laboratory proctor compaction test results are available and optimum water content does not vary by more than 3 percentage points and maximum dry density does not vary by more than 100 kg/m³.

The assumed compaction curve should be documented by CQC personnel as materials are placed. If CQC personnel are uncertain as to which compaction curve should be applied, a new standard proctor test should be requested. Standard laboratory proctor compaction tests can require a minimum of four days to complete. To prevent potential downtime associated with testing, the following supplemental techniques may be employed to facilitate selection of the appropriate compaction curve.

One-point proctor compaction tests: Results of single compaction testing can be plotted with previously determined compaction curves to estimate the optimum water content and maximum dry density. It is anticipated that samples for one point compaction tests could be collected and tested while the materials are being allowed to dry, thus minimizing downtime. The reduced time associated with this procedure would allow for results to be available by the time the material is at a suitable water content for compaction. The purpose of these tests would be to assist with subjective estimates and to fill in data gaps when results of complete compaction tests are not yet available. It is likely that one-point compaction testing will be used more extensively in the early stages of construction.

Three-point Proctor Compaction Tests: This technique is more reliable than the one-point test but takes longer to complete, using a minimum of three compaction points to define a curve per ASTM D5080.

Test Pads: If a new material type is to be introduced for CCL construction, then CQC will request a test pad be constructed to confirm construction methodology and demonstrate an acceptable hydraulic conductivity.

Based on the results of preliminary compaction efforts, the methodology for compaction shall consist of at least four passes with a padfoot roller (following track compaction associated with placement of the loose lift). The roller shall be appropriately sized (10 tonne roller minimum) for the Work and be satisfactory to CQC. The maximum vibration frequency on the rollers shall be used for each pass. Adjacent roller passes shall be overlapped by a minimum of one third. Compaction of the CCL will not be allowed during adverse conditions including, but not limited to, rainfall or freezing temperatures. After compaction, the Owner shall survey its surface as a record of construction and for determining the thickness of the CCL in all areas.

When an appropriate proctor curve can not be determined the CQC shall conduct compaction testing to determine if the in-situ material is compacted to its maximum density using the following steps:

1. Select a representative location within the panel;
2. Apply additional compaction effort to the area with a known number of passes (recommend starting with 4 to 6);
3. Collect another density reading with the nuclear densometer;
4. Recompact the area with additional passes (4 to 6);
5. Collect another nuclear densometer reading;
6. Compare dry density values. If the dry density variance is no greater than 5% the area can be considered compacted and approved. If the variance in the area is found to be greater than 5% the entire panel must be re-compacted to the minimum number of passes required to fall below the 5% variance in dry density.
7. Submit all documentation to the COA and the Engineer for final approval.

Panels of CCL may be approved in the field given the panel meets the specifications described herein. Approval of any given panel should be based on the following considerations

- Inspection of materials during placement to confirm suitability;
- Monitoring of compaction treatment;

- Review of survey data to confirm lift thickness are in compliance with specifications; and
- Review of water content and density test results to confirm an acceptable level of compaction was achieved within the specified range of water content.

Approval of a CCL panel should be documented by CQC in the daily summary report (Section 7). Summary notes and relevant data should be made available to CQA personnel and the Engineer on a daily basis. If CQA or Engineer determines that a panel does not conform to specifications the Owner may be required to rework and recompact the area.

Approved areas of the CCL shall not be left exposed for longer than **24 hours** to prevent desiccation of the CCL (applicable to both lifts of the CCL). It is expected that desiccation occurring during this period would be limited to a thin exterior crust; this specification may be adjusted based on weather conditions. Tarps may be used to cover completed areas of the CCL in the event the subsequent layer cannot be placed in a timely manner. If desiccation cracks develop in an approved, completed area of the CCL, the Owner shall rework and recompact the material as necessary.

If CCL remains uncovered for longer than 24 hours the CCL should be examined for depth of drying due to the prolonged exposure; if the depth of drying is greater than the minimum thickness of the layer than the Owner shall rework and recompact the material as necessary.

Findings from the cover system stability analysis (Okane, 2020b) indicated generally that if slip surfaces are introduced, the factor of safety (FoS) of the cover will be reduced. Sensitivity analysis indicated that if high moisture content material is used, creating a R_u (ratio of pore-water pressure to overburden stress) of 0.4 or higher, the cover will not meet the minimum required FoS. To ensure an adequate FoS of the cover system, the Owner shall adhere to water content specifications set out in this document, and ensure that in the event of rain over an approved, completed area of the CCL, the area is stripped and reworked.

5.2.4 *Compacted Clay Layer Key-in Trench*

The CCL shall be keyed-in along the toe of the slope of the EMRS to limit the potential for oxygen ingress to occur at the base of the EMRS. The key-in trench shall be excavated until **one** of the following criteria has been met:

- A suitable clay formation has been encountered (similar material properties as used for the CCL),
- The trench has hit refusal due to bedrock, or

- A maximum depth of 3 m has been achieved.

The CCL shall be extended and used to backfill the trench forming a continuous liner. The CCL material should be placed in two lifts, compacting as best as reasonably possible with appropriate equipment. In areas where bedrock outcrops occur at the base of the slope the CCL shall be formed over and blended into the bedrock formation to the final slope configuration. If a trench is terminated at the maximum depth of 3 m backfilling shall be conducted as described above. All vegetation shall be removed prior to the CCL and subsequent NCL being placed on any natural ground.

5.3 Non-Compacted Layer (NCL)

Fill material for the NCL shall consist of materials sourced from within the pit boundary. The NCL shall possess a minimum thickness of 1.0 m in all areas of the covered EMRS (measured perpendicular to the ground surface). The NCL shall be constructed in a minimum of two lifts to allow for track compaction of the materials.

Placement of the Overburden material shall be done in a manner that does not damage the CCL. Areas compacted too densely due to repeated traffic from construction equipment shall be loosened by ripping or scarifying as directed and approved by the CQC (for revegetation / rooting purposes).

To ensure adequate FoS of the cover, the overlying material should not be greater than two percentage points wet of in situ water content (Okane, 2020b).

6 CQC PROCEDURES

CQC personnel will take samples of the materials used for and in the Work, and perform various tests on the samples to ascertain that the materials being placed or already placed in the Work meet the specified requirements. Results of CQC testing will be subject to review by CQA personnel. CQA’s assessment of test results will be final and conclusive in determining compliance with the Technical Specifications unless otherwise noted by the Engineer.

Material control tests will be carried out on materials in excavations and stockpiles prior to compaction to determine the adequacy of the materials for use in the Work (Table 6.1 and Table 6.2). Record tests will be conducted on the materials in the completed portions of the Work following placement and compaction to confirm the adequacy of the Work, and to provide an as-built record of the workmanship achieved (Table 6.3). Record tests may also be used to modify the construction procedures if necessary.

The Owner shall give CQC personnel full cooperation in sample taking or conducting tests and shall render such assistance as is necessary to enable sampling and testing to be carried out expeditiously. The Owner shall allow sufficient time for the CQC to carry out the required test work in order to determine the acceptability of the placed materials.

Tests carried out by the CQC personnel will be performed in accordance with the principles and methods prescribed by the American Society for Testing and Materials (ASTM) and other such recognized authorities. These methods shall be modified to the extent necessary to consider local conditions and the particle sizes of the materials specified. The following schedule of quality control testing is anticipated. However, the CQA or Engineer may modify the testing and rates of testing during the Work (for example CQA may reduce testing frequencies as the Work progresses).

Table 6.1: Control Testing Frequency in Pit Boundary

Material	Field Index Test (Materials Selection Guide)	Observations for Deleterious Materials
CCL	Continuous	Continuous

Table 6.2: Control Testing Frequency for Fill Materials after Placement

Material	Construction Oversight	Water Content (ASTM D2216-19)	Particle Size / Hydrometer (ASTM D6913M-17, D7928-17)	Plasticity (ASTM D4318-00)	Proctor Compaction Testing (ASTM D698-12e2)
CCL	Continuous	1 per 1,000 m ³	1 per 1,000 m ³	1 per 1,000 m ³	1 per 4,000 m ³
NCL	Continuous	1 per 2,000 m ³	1 per 3,000 m ³		

Table 6.3: Record Testing Frequency for As-built CCL (after compaction)

Material	Water content (ASTM D2216-19)	Nuclear Gauge Density and Water Content (ASTM D6938-07b)	In Situ Hydraulic Conductivity (ASTM D6391-11)
CCL	1 per 1 nuclear gauge test sites*	13/ha/lift	1 per 1 ha

* NOTE: Water contents are done as a check for the nuclear gauge; frequency may change based on accuracy of the nuclear gauge.

Okane suggests a grid be established to predetermine locations for the tests outlined in Table 6.3. Sampling grids will be staggered for successive lifts to ensure overlap of sampling locations does not occur. The maximum depth on the nuclear densometer should be used during density tests after the second lift of the CCL has been placed. Water contents sampled at nuclear densometer locations should be taken at the location of the nuclear densometer test site to allow for assessment of the nuclear densometer's accuracy.

Hydraulic conductivity testing of the CCL will be completed by Okane personnel at a frequency noted in Table 6.3. When an appropriate proctor curve can not be selected, the hydraulic conductivity of a material may be used for a final approval of a panel in conjunction with confirmation that the material is compacted to its maximum dry density using the method described in Section 5.2.3. All approval under these circumstances are subject to review by the CQA and Engineer.

General locations for hydraulic conductivity testing will be identified by the CQA. Typically, these will be areas of concern or where variability in the CCL was noted. Within these areas of interest, if a hydraulic conductivity test fails, the estimated failing area will be delineated based on field notes and other documentation. An area outside of this zone will be subsequently selected to complete another hydraulic conductivity to confirm the remainder of the area/panel meets specification. The CQA will then determine if the failed area requires rework based on the testing results, location, and total estimated effected area.

6.1 Allowable Variations and Corrective Actions

The recommended allowance for failed as-built tests are presented in Table 6.4. A number of as-built tests can be expected to fail, due either to variability of the soil, the compaction process, or measurement errors. If it is suspected that a test result is erroneous, additional tests shall be made in its immediate vicinity. If the additional tests produce satisfactory results, the suspected test can be disregarded.

Table 6.4: Recommended Percentage of failed as-built tests for the CCL

Parameter	Maximum allowed percentage of failed tests	Allowable failed tests
Water content	3% (not concentrated in one area).	2 percentage points dry of allowable range or 3 percentage points wet of allowable range
Dry Density	3% (not concentrated in one area)	No tests lower than 90% standard compaction
Hydraulic Conductivity	5% (not concentrated in one area)	No tests greater than 5×10^{-9} m/s

A failed hydraulic conductivity test may indicate a failed test installation as opposed to an unacceptably high hydraulic conductivity. If a hydraulic conductivity test fails CQA will implement at least one additional test in the affected area. CQA will make a decision as to whether the area needs to be reworked pending the results of additional testing and a review of available CQA data for the area. No more than 5% of failed hydraulic conductivity tests will be allowed for the landform in total.

No more than 5% of final lift thickness determinations shall be allowed as outliers, per panel of CCL placed. In the CCL area within each panel, no more than 5% of the area as defined by the heat map provided by CQC shall be outside specification.

If it is determined that an area does not conform to specification, the area should be repaired. The extent of the area in question should be determined by the CQC based on passing tests. The most likely cause for failing tests will be inadequate compaction or water contents outside of the specified ranges. To rectify the problem, additional passes with the compaction equipment may be necessary. If the water content is outside the specified range the CCL may need to be scarified prior to re-compaction. Final approval of the panel is at the discretion of the CQA/Engineer.

7 DOCUMENTATION

Daily summary reporting and documentation procedures are required from CQC personnel. Documentation should include the following information:

- Project name, location, date, and personnel involved in major activities,
- Description of weather conditions (temperature, cloud cover, and precipitation);
- Summaries of any meetings held and actions recommended or taken as a result;
- Specific work units and locations of construction underway during that day;
- Equipment and personnel being used in each task;
- Calibrations or recalibrations of equipment, including actions taken as a result of recalibration;
- Descriptions of materials selected for use in the CCL;
- Decisions made regarding approval Work, and corrective actions to be taken in instances of where Work or materials were found inadequate;
- All survey data with respect to panel as-builts;
- Testing and sampling completed; and
- Signature of CQC.

8 REFERENCES

Amec Foster Wheeler (AMEC). 2017. Rainy River Project Development Clay Borrow Characterization. Technical memorandum prepared for New Gold Inc.

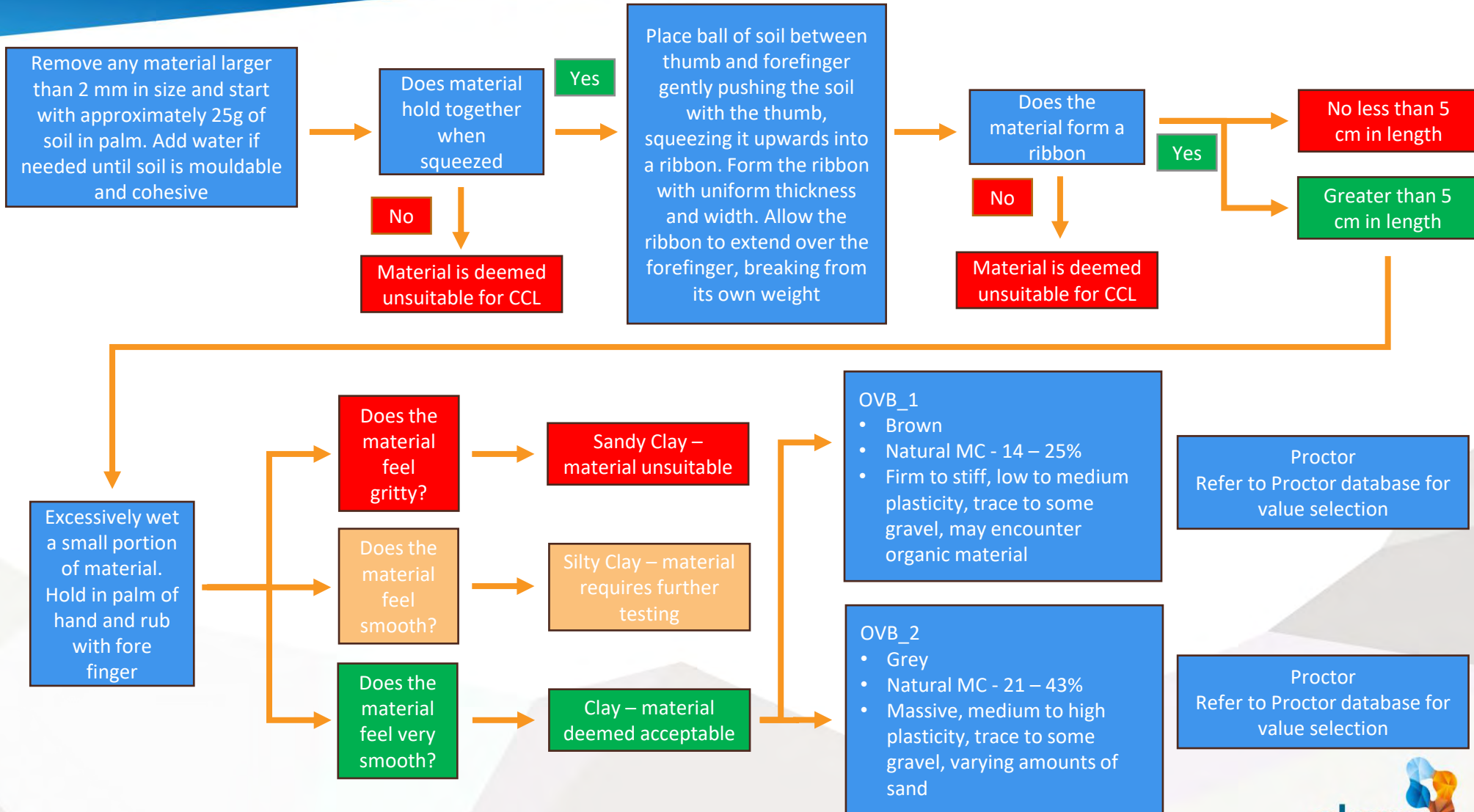
Okane Consultants Inc. (Okane). 2020a. *1003-019-008 EMRS Compaction Field Testing Summary Report*. Report prepared for New Gold Inc. August 2020.

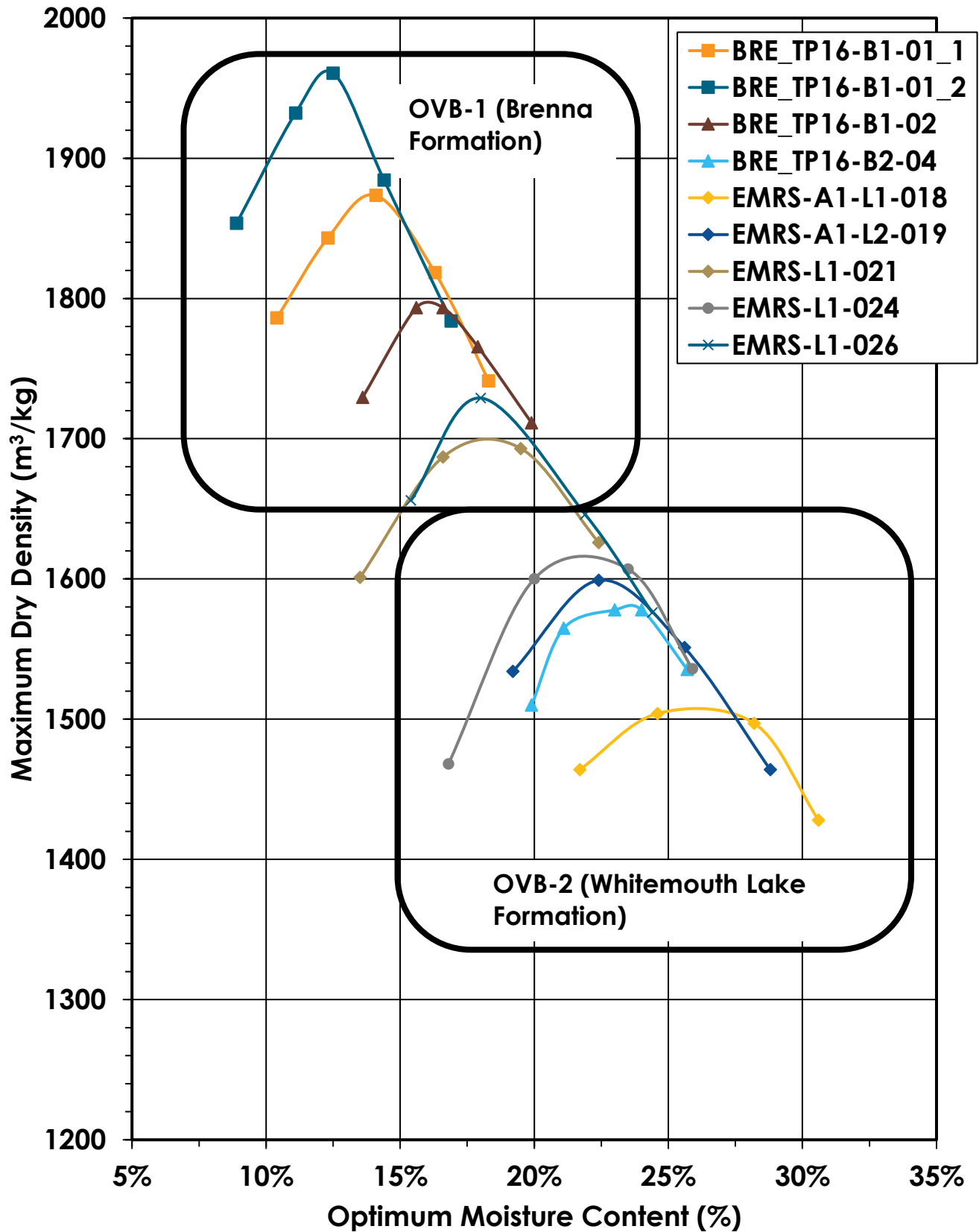
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Attachment A

Material Selection Guide

CCL Material Selection Process





Sample ID	In Situ Water Content (%)	Standard Proctor Max Dry Density (kg/m ³)	Optimum Water Content (%)
BRE_TP16-B1-01_1	16.5	1874	14.1
BRE_TP16-B1-01_2	15.6	1961	12.0
BRE_TP16-B1-02	16.6	1796	16.0
BRE_TP16-B2-04	22.1	1578	23.5
EMRS-A1-L1-018	31.2	1512	26.3
EMRS-A1-L2-019	28.5	1600	22.3
EMRS-L1-021	27.5	1700	18.2
EMRS-L1-024	24.2	1621	21.9
EMRS-L1-026	21.0	1729	18.0



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Appendix B

Summary of Laboratory Results

ATTACHMENT A – 2022 Laboratory & Field Results

Table A1: Laboratory Testing Summary – 2022

Date Sampled	Sample Location	Panel	Lift	MC	Atterberg	Hydrometer	Proctor
28-Apr-22	S499	SP	N/A	✓	-	-	-
28-Apr-22	S500	SP	N/A	✓	-	-	-
28-Apr-22	S501	SP	N/A	✓	-	-	-
28-Apr-22	S502	SP	N/A	✓	-	-	-
28-Apr-22	S503	SP	N/A	✓	-	-	-
28-Apr-22	S504	SP	N/A	✓	-	-	-
28-Apr-22	S505	SP	N/A	✓	-	-	-
28-Apr-22	S499	SP	N/A	-	✓	-	-
28-Apr-22	S500	SP	N/A	-	✓	-	-
28-Apr-22	S501	SP	N/A	-	✓	-	-
28-Apr-22	S499	SP	N/A	-	-	-	✓
28-Apr-22	S500	SP	N/A	-	-	✓	-
28-Apr-22	S501	SP	N/A	-	-	✓	-
28-Apr-22	S502	SP	N/A	-	-	✓	-
28-Apr-22	S500	SP	N/A	-	-	-	✓
28-Apr-22	S501	SP	N/A	-	-	-	✓
28-Apr-22	S502	SP	N/A	-	-	✓	-
28-Apr-22	S503	SP	N/A	-	-	✓	-
28-Apr-22	S502	SP	N/A	-	✓	-	-
28-Apr-22	S503	SP	N/A	-	✓	-	-
28-Apr-22	S504	SP	N/A	-	✓	-	-
28-Apr-22	S505	SP	N/A	-	✓	-	-
28-Apr-22	S502	SP	N/A	-	-	-	✓
28-Apr-22	S503	SP	N/A	-	-	-	✓
28-Apr-22	S504	SP	N/A	-	-	-	✓
28-Apr-22	S505	SP	N/A	-	-	-	✓
28-Apr-22	S504	SP	N/A	-	-	✓	-
28-Apr-22	S505	SP	N/A	-	-	✓	-
03-May-22	S506	SP	N/A	✓	-	-	-

Date Sampled	Sample Location	Panel	Lift	MC	Atterberg	Hydrometer	Proctor
03-May-22	S507	SP	N/A	✓	-	-	-
03-May-22	S506	SP	N/A	-	✓	-	-
03-May-22	S507	SP	N/A	-	✓	-	-
03-May-22	S506	SP	N/A	-	-	✓	-
03-May-22	S507	SP	N/A	-	-	✓	-
03-May-22	S506	SP	N/A	-	-	-	✓
03-May-22	S507	SP	N/A	-	-	-	✓
18-May-22	S508	SP	N/A	-	✓	-	-
18-May-22	S508	SP	N/A	-	-	✓	-
18-May-22	S508	SP	N/A	✓	-	-	-
18-May-22	S508	SP	N/A	-	-	-	✓
23-May-22	S509	P30	L1	✓	-	-	-
25-May-22	S510	P30	L1	✓	-	-	-
25-May-22	S511	P30	L1	✓	-	-	-
25-May-22	S512	P30	L1	✓	-	-	-
25-May-22	S513	P30	L1	✓	-	-	-
25-May-22	S514	P30	L1	✓	-	-	-
25-May-22	S515	P30	L1	✓	-	-	-
26-May-22	S516	P30	L1	✓	-	-	-
26-May-22	S517	P30	L1	✓	-	-	-
26-May-22	S518	P30	L1	✓	-	-	-
26-May-22	S519	P30	L1	✓	-	-	-
26-May-22	S520	P30	L1	✓	-	-	-
26-May-22	S521	P30	L1	✓	-	-	-
27-May-22	S522	P30	L2	✓	-	-	-
27-May-22	S523	P30	L2	✓	-	-	-
27-May-22	S524	P30	L2	✓	-	-	-
27-May-22	S525	P30	L2	✓	-	-	-
27-May-22	S526	P30	L2	✓	-	-	-
27-May-22	S527	P30	L2	✓	-	-	-
27-May-22	S528	P30	L2	✓	-	-	-
27-May-22	S529	P30	L2	✓	-	-	-

Date Sampled	Sample Location	Panel	Lift	MC	Atterberg	Hydrometer	Proctor
27-May-22	S530	P30	L2	✓	-	-	-
27-May-22	S531	P30	L2	✓	-	-	-
27-May-22	S532	P30	L2	✓	-	-	-
27-May-22	S533	P30	L2	✓	-	-	-
23-May-22	S509	P30	L1	-	✓	-	-
23-May-22	S509	P30	L1	-	-	✓	-
23-May-22	S509	P30	L1	-	-	-	✓
25-May-22	S514	P30	L1	-	✓	-	-
25-May-22	S515	P30	L1	-	✓	-	-
25-May-22	S514	P30	L1	-	-	✓	-
25-May-22	S515	P30	L1	-	-	✓	-
25-May-22	S514	P30	L1	-	-	-	✓
26-May-22	S521	P30	L1	-	✓	-	-
27-May-22	S523	P30	L2	-	✓	-	-
27-May-22	S532	P30	L2	-	✓	-	-
26-May-22	S521	P30	L1	-	-	✓	-
27-May-22	S23	P30	L2	-	-	✓	-
27-May-22	S532	P30	L2	-	-	✓	-
29-May-22	S534	P30	L3	✓	-	-	-
29-May-22	S534	P30	L3	-	-	✓	-
29-May-22	S534	P30	L3	-	✓	-	-
29-May-22	S534	P30	L3	-	-	-	✓
15-Jun-22	S535	SP	N/A	-	✓	-	-
15-Jun-22	S535	SP	N/A	-	-	✓	-
15-Jun-22	S535	SP	N/A	-	-	-	✓
15-Jun-22	S535	SP	N/A	✓	-	-	-
15-Jun-22	S536	SP	N/A	✓	-	-	-
15-Jun-22	S537	SP	N/A	✓	-	-	-
15-Jun-22	S538	SP	N/A	✓	-	-	-
15-Jun-22	S536	SP	N/A	-	✓	-	-
15-Jun-22	S536	SP	N/A	-	-	✓	-
15-Jun-22	S536	SP	N/A	-	-	-	✓

Date Sampled	Sample Location	Panel	Lift	MC	Atterberg	Hydrometer	Proctor
15-Jun-22	S537	SP	N/A	-	✓	-	-
15-Jun-22	S537	SP	N/A	-	-	✓	-
15-Jun-22	S537	SP	N/A	-	-	-	✓
15-Jun-22	S538	SP	N/A	-	✓	-	-
15-Jun-22	S538	SP	N/A	-	-	✓	-
15-Jun-22	S538	SP	N/A	-	-	-	✓
01-Jul-22	S539	P30	L2	✓	-	-	-
01-Jul-22	S540	P30	L2	✓	-	-	-
01-Jul-22	S541	P30	L2	✓	-	-	-
01-Jul-22	S542	P30	L2	✓	-	-	-
01-Jul-22	S543	P30	L3	✓	-	-	-
04-Jul-22	S544	SP	N/A	✓	-	-	-
05-Jul-22	S546	P31	L1	-	✓	-	-
04-Jul-22	S544	SP	N/A	-	-	-	✓
05-Jul-22	S545	P31	L1	✓	-	-	-
05-Jul-22	S546	P31	L1	✓	-	-	-
05-Jul-22	S547	P31	L1	✓	-	-	-
05-Jul-22	S548	P31	L1	✓	-	-	-
05-Jul-22	S549	P31	L1	✓	-	-	-
06-Jul-22	S551	P31	L2	-	✓	-	-
06-Jul-22	S550	P31	L2	✓	-	-	-
06-Jul-22	S551	P31	L2	✓	-	-	-
06-Jul-22	S552	P31	L2	✓	-	-	-
06-Jul-22	S553	P31	L2	✓	-	-	-
06-Jul-22	S554	P31	L2	✓	-	-	-
05-Jul-22	S546	P31	L1	-	-	✓	-
06-Jul-22	S551	P31	L2	-	-	✓	-
08-Jul-22	S555	P31	L3	✓	-	-	-
09-Jul-22	S556	P30	L4	✓	-	-	-
09-Jul-22	S557	P30	L4	✓	-	-	-
08-Jul-22	S555	P31	L3	-	-	✓	-
09-Jul-22	S556	P30	L4	-	-	✓	-

Date Sampled	Sample Location	Panel	Lift	MC	Atterberg	Hydrometer	Proctor
12-Jul-22	S558	SP	N/A	✓	-	-	-
12-Jul-22	S558	SP	N/A	-	-	-	✓
14-Jul-22	S559	P32	L1	✓	-	-	-
14-Jul-22	S560	P32	L1	✓	-	-	-
14-Jul-22	S561	P32	L1	✓	-	-	-
14-Jul-22	S562	P32	L1	✓	-	-	-
14-Jul-22	S563	P32	L1	✓	-	-	-
14-Jul-22	S563	P32	L1	-	✓	-	-
15-Jul-22	S564	P31	L4	✓	-	-	-
15-Jul-22	S565	P32	L2	✓	-	-	-
15-Jul-22	S566	P32	L2	✓	-	-	-
15-Jul-22	S567	P32	L2	✓	-	-	-
15-Jul-22	S568	P32	L2	✓	-	-	-
15-Jul-22	S569	P32	L2	✓	-	-	-
14-Jul-22	S563	P32	L1	-	-	✓	-
15-Jul-22	S568	P32	L2	-	-	✓	-
16-Jul-22	S570	SP	N/A	✓	-	-	-
15-Jul-22	S568	P32	L2	-	✓	-	-
16-Jul-22	S570	SP	N/A	-	-	-	✓
21-Jul-22	S571	P32	L3	✓	-	-	-
22-Jul-22	S572	P33	L1	✓	-	-	-
22-Jul-22	S573	P33	L1	✓	-	-	-
22-Jul-22	S574	P33	L1	✓	-	-	-
22-Jul-22	S575	P33	L1	✓	-	-	-
22-Jul-22	S576	P33	L1	✓	-	-	-
22-Jul-22	S575	P33	L1	-	✓	-	-
22-Jul-22	S575	P33	L1	-	-	✓	-
22-Jul-22	S575	P33	L1	-	-	-	✓
29-Jul-22	S577	P33	L2	✓	-	-	-
29-Jul-22	S578	P33	L2	✓	-	-	-
29-Jul-22	S579	P33	L2	✓	-	-	-
29-Jul-22	S580	P33	L2	✓	-	-	-

Date Sampled	Sample Location	Panel	Lift	MC	Atterberg	Hydrometer	Proctor
29-Jul-22	S581	P33	L2	✓	-	-	-
29-Jul-22	S582	P33	L2	✓	-	-	-
30-Jul-22	S583	P32	L4	✓	-	-	-
30-Jul-22	S584	P33	L3	✓	-	-	-
29-Jul-22	S580	P33	L2	-	✓	-	-
29-Jul-22	S580	P33	L2	-	-	✓	-
30-Jul-22	S584	P33	L3	-	-	✓	-
29-Jul-22	S580	P33	L2	-	-	-	✓
02-Aug-22	S585	P33	L4	✓	-	-	-

Table A2: Laboratory Moisture Contents – 2022

Date Sampled	Date Tested	Sample Location	Lab Moisture Content (%)
28-Apr-22	29-Apr-22	S499	23
28-Apr-22	29-Apr-22	S500	18.8
28-Apr-22	29-Apr-22	S501	40.2
28-Apr-22	29-Apr-22	S502	21.8
28-Apr-22	29-Apr-22	S503	21.6
28-Apr-22	30-Apr-22	S504	31.4
28-Apr-22	30-Apr-22	S505	29.8
03-May-22	11-May-22	S506	39.3
03-May-22	11-May-22	S507	36..2
18-May-22	18-May-22	S508	35.4
23-May-22	24-May-22	S509	24.3
25-May-22	26-May-22	S510	29.7
25-May-22	26-May-22	S511	33.0
25-May-22	26-May-22	S512	29.1
25-May-22	26-May-22	S513	34.8
25-May-22	26-May-22	S514	26.7
25-May-22	26-May-22	S515	25.6
26-May-22	27-May-22	S516	32.3

Date Sampled	Date Tested	Sample Location	Lab Moisture Content (%)
26-May-22	27-May-22	S517	24.9
26-May-22	27-May-22	S518	25.7
26-May-22	27-May-22	S519	24.0
26-May-22	27-May-22	S520	26.2
26-May-22	27-May-22	S521	32.7
27-May-22	28-May-22	S522	23.0
27-May-22	28-May-22	S523	24.0
27-May-22	28-May-22	S524	24.9
27-May-22	28-May-22	S525	24.7
27-May-22	28-May-22	S526	28.8
27-May-22	28-May-22	S527	23.5
27-May-22	28-May-22	S528	23.5
27-May-22	28-May-22	S529	28.0
27-May-22	28-May-22	S530	24.4
27-May-22	28-May-22	S531	24.4
27-May-22	28-May-22	S532	23.1
27-May-22	28-May-22	S533	25.6
29-May-22	30-May-22	S534	23.8
15-Jun-22	17-Jun-22	S535	26.9
15-Jun-22	17-Jun-22	S536	22.0
15-Jun-22	17-Jun-22	S537	27.1
15-Jun-22	17-Jun-22	S538	30.6
01-Jul-22	02-Jul-22	S539	22.7
01-Jul-22	02-Jul-22	S540	26.6
01-Jul-22	02-Jul-22	S541	21.0
01-Jul-22	02-Jul-22	S542	21.9
01-Jul-22	02-Jul-22	S543	19.7
04-Jul-22	05-Jul-22	S544	28.6
05-Jul-22	06-Jul-22	S545	25.4
05-Jul-22	06-Jul-22	S546	24.6

Date Sampled	Date Tested	Sample Location	Lab Moisture Content (%)
05-Jul-22	06-Jul-22	S547	24.9
05-Jul-22	06-Jul-22	S548	24.8
05-Jul-22	06-Jul-22	S549	32.6
06-Jul-22	07-Jul-22	S550	28.1
06-Jul-22	07-Jul-22	S551	23.5
06-Jul-22	07-Jul-22	S552	21.0
06-Jul-22	07-Jul-22	S553	21.1
06-Jul-22	07-Jul-22	S554	21.9
08-Jul-22	09-Jul-22	S555	21.7
09-Jul-22	10-Jul-22	S556	23.3
09-Jul-22	10-Jul-22	S557	21.4
12-Jul-22	15-Jul-22	S558	31.7
14-Jul-22	15-Jul-22	S559	30.3
14-Jul-22	15-Jul-22	S560	19.1
14-Jul-22	15-Jul-22	S561	22.2
14-Jul-22	15-Jul-22	S562	21.3
14-Jul-22	15-Jul-22	S563	23.1
15-Jul-22	16-Jul-22	S564	25.7
15-Jul-22	16-Jul-22	S565	27.1
15-Jul-22	16-Jul-22	S566	20.9
15-Jul-22	16-Jul-22	S567	31.3
15-Jul-22	16-Jul-22	S568	36.0
15-Jul-22	16-Jul-22	S569	26.3
16-Jul-22	17-Jul-22	S570	28.6
21-Jul-22	22-Jul-22	S571	28.2
22-Jul-22	23-Jul-22	S572	26.6
22-Jul-22	23-Jul-22	S573	22.9
22-Jul-22	23-Jul-22	S574	25.2
22-Jul-22	23-Jul-22	S575	28.1
22-Jul-22	23-Jul-22	S576	23.1

Date Sampled	Date Tested	Sample Location	Lab Moisture Content (%)
29-Jul-22	30-Jul-22	S577	26.8
29-Jul-22	30-Jul-22	S578	23.2
29-Jul-22	30-Jul-22	S579	26.0
29-Jul-22	30-Jul-22	S580	23.7
29-Jul-22	30-Jul-22	S581	25.4
29-Jul-22	30-Jul-22	S582	22.8
30-Jul-22	31-Jul-22	S583	24.7
30-Jul-22	31-Jul-22	S584	28.5

Table A3: Atterberg Limits – 2022

Date Sampled	Date Tested	Sample ID	Liquid Limit (LL)	Plastic Limit (PL)	Plasticity Index (PI)
28-Apr-22	30-Apr-22	S499	36	14	22
28-Apr-22	30-Apr-22	S500	26	13	13
28-Apr-22	30-Apr-22	S501	49	19	30
28-Apr-22	03-May-22	S502	33	15	18
28-Apr-22	30-Apr-22	S503	37	16	21
28-Apr-22	30-Apr-22	S504	50	22	28
28-Apr-22	03-May-22	S505	44	18	26
03-May-22	12-May-22	S506	47	22	25
03-May-22	12-May-22	S507	48	21	27
18-May-22	19-May-22	S508	62	18	44
23-May-22	28-May-22	S509	38	13	25
25-May-22	29-May-22	S514	43	15	28
25-May-22	29-May-22	S515	44	16	28
26-May-22	30-May-22	S521	53	19	34
27-May-22	30-May-22	S523	41	15	26
27-May-22	30-May-22	S532	48	14	34
29-May-22	01-Jun-22	S534	45	15	30
15-Jun-22	17-Jun-22	S535	66	18	48

15-Jun-22	18-Jun-22	S536	31	12	19
15-Jun-22	19-Jun-22	S537	48	14	34
15-Jun-22	20-Jun-22	S538	39	13	26
05-Jul-22	06-Jul-22	S546	45	17	28
06-Jul-22	07-Jul-22	S551	47	15	32
14-Jul-22	16-Jul-22	S563	47	18	29
15-Jul-22	20-Jul-22	S568	53	18	35
22-Jul-22	24-Jul-22	S575	46	14	32
29-Jul-22	30-Jul-22	S580	44	18	26

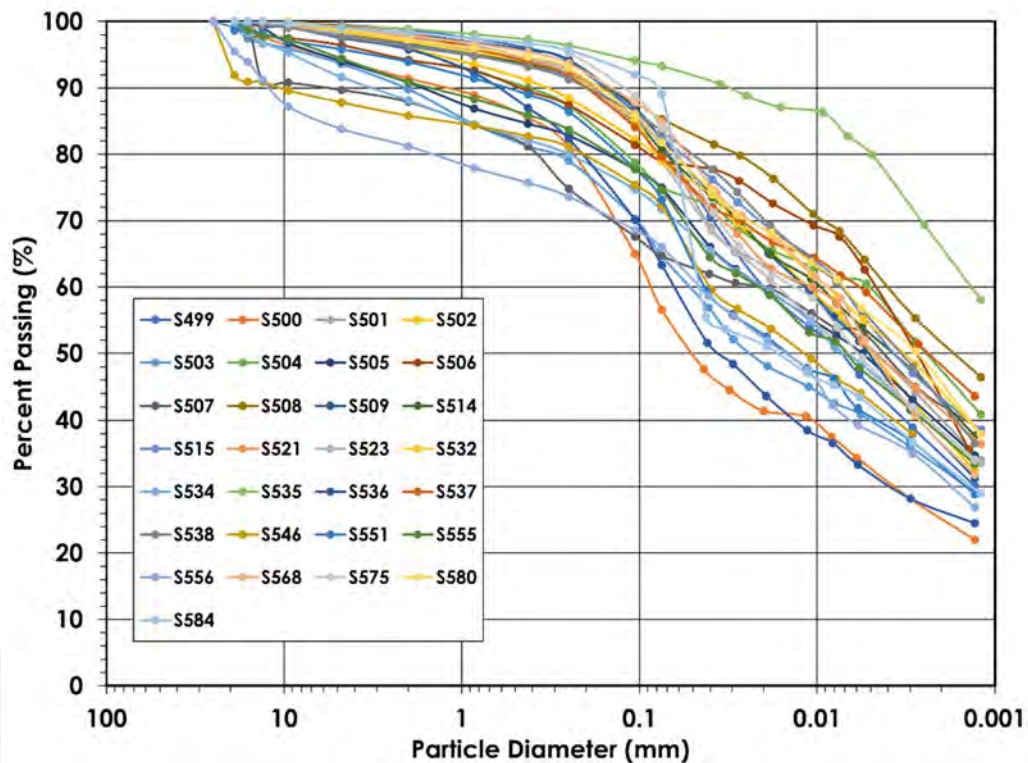


Figure A1: Hydrometer Data – 2022

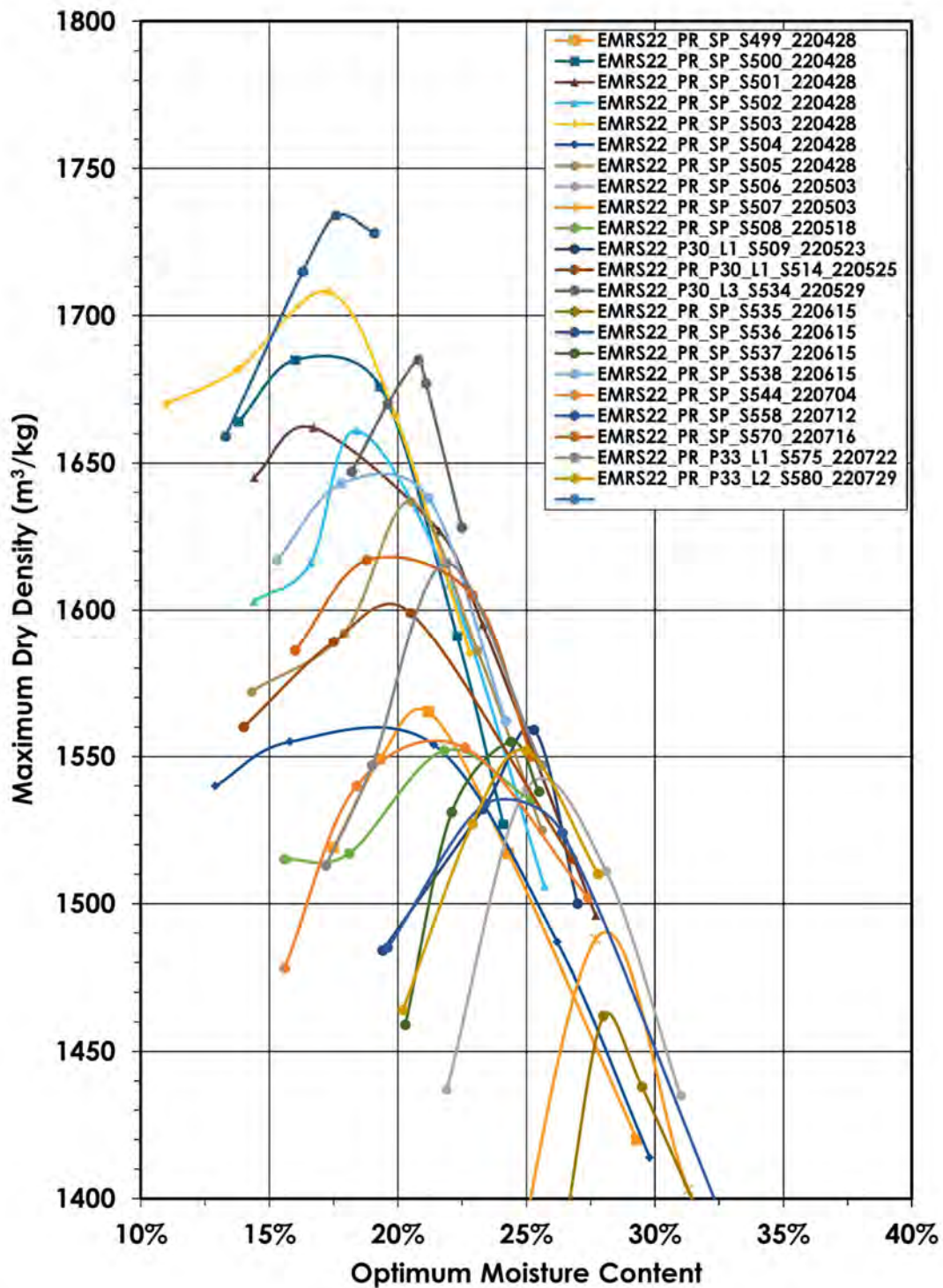


Figure A2: Laboratory Proctor Curves 2022

Table A4: Nuclear Densometer Results – 2022

Date Sampled	Density ID	Field Moisture Content (%)	Field Dry Density (kg/m³)	Field Wet Density (kg/m³)
1-Sep-21	D416	30.5	1465	1912
1-Sep-21	D417	22.9	1592	1957
1-Sep-21	D418	31.1	1465	1921
1-Sep-21	D419	24.4	1525	1898
1-Sep-21	D420	31	1449	1898
1-Sep-21	D421	31.1	1497	1963
6-Sep-21	D422	26.1	1536	1937
6-Sep-21	D423	22.3	1630	1994
6-Sep-21	D424	28.7	1479	1903
6-Sep-21	D425	26.4	1544	1951
6-Sep-21	D426	23.7	1578	1952
6-Sep-21	D427	22.5	1602	1962
6-Sep-21	D428	29.1	1500	1936
6-Sep-21	D429	23.8	1534	1923
11-Sep-21	D430	30.1	1496	1947
11-Sep-21	D431	24.7	1588	1981
11-Sep-21	D432	27.1	1545	1965
11-Sep-21	D433	26.9	1530	1942
11-Sep-21	D434	28.2	1516	1944
11-Sep-21	D435	33.1	1460	1944
11-Sep-21	D436	40.5	1341	1884
11-Sep-21	D437	21.4	1615	1961
11-Sep-21	D438	27.8	1541	1977
11-Sep-21	D439	28.9	1543	1989
11-Sep-21	D440	24.8	1595	1991
11-Sep-21	D441	27.3	1497	1906
11-Sep-21	D442	24	1600	1983
11-Sep-21	D443	27.2	1553	1975
19-Sep-21	N/A	28.6	1503	1933

Date Sampled	Density ID	Field Moisture Content (%)	Field Dry Density (kg/m ³)	Field Wet Density (kg/m ³)
25-May-22	D458	22.8	1640	2013
25-May-22	D459	26.4	1551	1963
25-May-22	D460	20.3	1620	1948
25-May-22	D461	26.3	1551	1960
25-May-22	D462	24.7	1601	1997
25-May-22	D463	26.3	1562	1974
25-May-22	D464	24.1	1594	1978
25-May-22	D465	26.8	1548	1962
25-May-22	D466	24.3	1561	1940.7
25-May-22	D467	24.9	1605.3	2005.3
25-May-22	D468	24.6	1572.9	1960.3
25-May-22	D469	23.2	1595	1964.4
25-May-22	D470	24.9	1567.6	1957.4
25-May-22	D471	22.5	1618.1	1981.8
25-May-22	D472	24.7	1639.7	2044.4
27-May-22	D473	27.1	1573.3	1999.9
27-May-22	D474	26.9	1535.9	1949.5
27-May-22	D475	22.4	1613.6	1974.2
27-May-22	D476	28.6	1529.9	1967.3
27-May-22	D477	29.6	1508.9	1955.3
27-May-22	D478	28.1	1523.7	1951.8
27-May-22	D479	30.1	1444	1878.3
27-May-22	D480	24.2	1590.6	1975.5
27-May-22	D481	28.9	1532.4	1975.5
27-May-22	D482	29.4	1473.4	1905.2
27-May-22	D483	26.4	1503.3	1899.8
27-May-22	D484	26	1534.6	1940.1
27-May-22	D485	23.7	1589.5	1965.5
27-May-22	D486	16	1622.6	1882
01-Jul-22	D487	22.7	1571.8	1927.9

Date Sampled	Density ID	Field Moisture Content (%)	Field Dry Density (kg/m ³)	Field Wet Density (kg/m ³)
01-Jul-22	D488	22.6	1594.8	1955.4
01-Jul-22	D489	20.4	1588.9	1912.9
01-Jul-22	D490	28.6	1527.4	1963.5
05-Jul-22	D491	32.4	1459	1932
05-Jul-22	D492	23	1620.8	1993.8
05-Jul-22	D493	27	1512.3	1924.8
05-Jul-22	D494	24	1555.9	1929.2
05-Jul-22	D495	23.2	1611.1	1985.5
06-Jul-22	D496	20.7	1677.7	2025
06-Jul-22	D497	22.5	1611.4	1974.3
06-Jul-22	D498	30.5	1465	1912
06-Jul-22	D499	22.9	1592	1957
06-Jul-22	D500	31.1	1465	1921
14-Jul-22	D501	24.4	1525	1898
14-Jul-22	D502	31	1449	1898
14-Jul-22	D503	31.1	1497	1963
14-Jul-22	D504	26.1	1536	1937
14-Jul-22	D505	22.3	1630	1994
14-Jul-22	D506	28.7	1479	1903
15-Jul-22	D507	26.4	1544	1951
15-Jul-22	D508	23.7	1578	1952
15-Jul-22	D509	22.5	1602	1962
15-Jul-22	D510	29.1	1500	1936
15-Jul-22	D511	23.8	1534	1923
15-Jul-22	D512	30.1	1496	1947
15-Jul-22	D513	24.7	1588	1981
22-Jul-22	D514	27.1	1545	1965
22-Jul-22	D515	26.9	1530	1942
22-Jul-22	D516	28.2	1516	1944
22-Jul-22	D517	33.1	1460	1944

Date Sampled	Density ID	Field Moisture Content (%)	Field Dry Density (kg/m ³)	Field Wet Density (kg/m ³)
22-Jul-22	D518	40.5	1341	1884
29-Jul-22	D519	21.4	1615	1961
29-Jul-22	D520	27.8	1541	1977
29-Jul-22	D521	28.9	1543	1989
29-Jul-22	D522	24.8	1595	1991
29-Jul-22	D523	27.3	1497	1906
29-Jul-22	D524	24	1600	1983
29-Jul-22	D525	27.2	1553	1975
29-Jul-22	D526	28.6	1503	1933

ATTACHMENT B – 2022 Third-Party Sample Results

The following test results are from a sample taken in close proximity to Tulloch sample location S534 (Lift 3, Panel 30, collected May 29, 2022) and was tested by P. Machibroda in Saskatoon, SK.

ASTM D5084: Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall

Project: New Gold Rainy River (1003-223)
Location: Near Rainy River, ON
Project no: 17444
Source: May Comparison S534
Sample No. 5
Material: CCL (Compacted Clay Liner)
Date: June 26, 2022

Sample Preparation: Remolded, Standard Proctor Effort

Testing Summary:

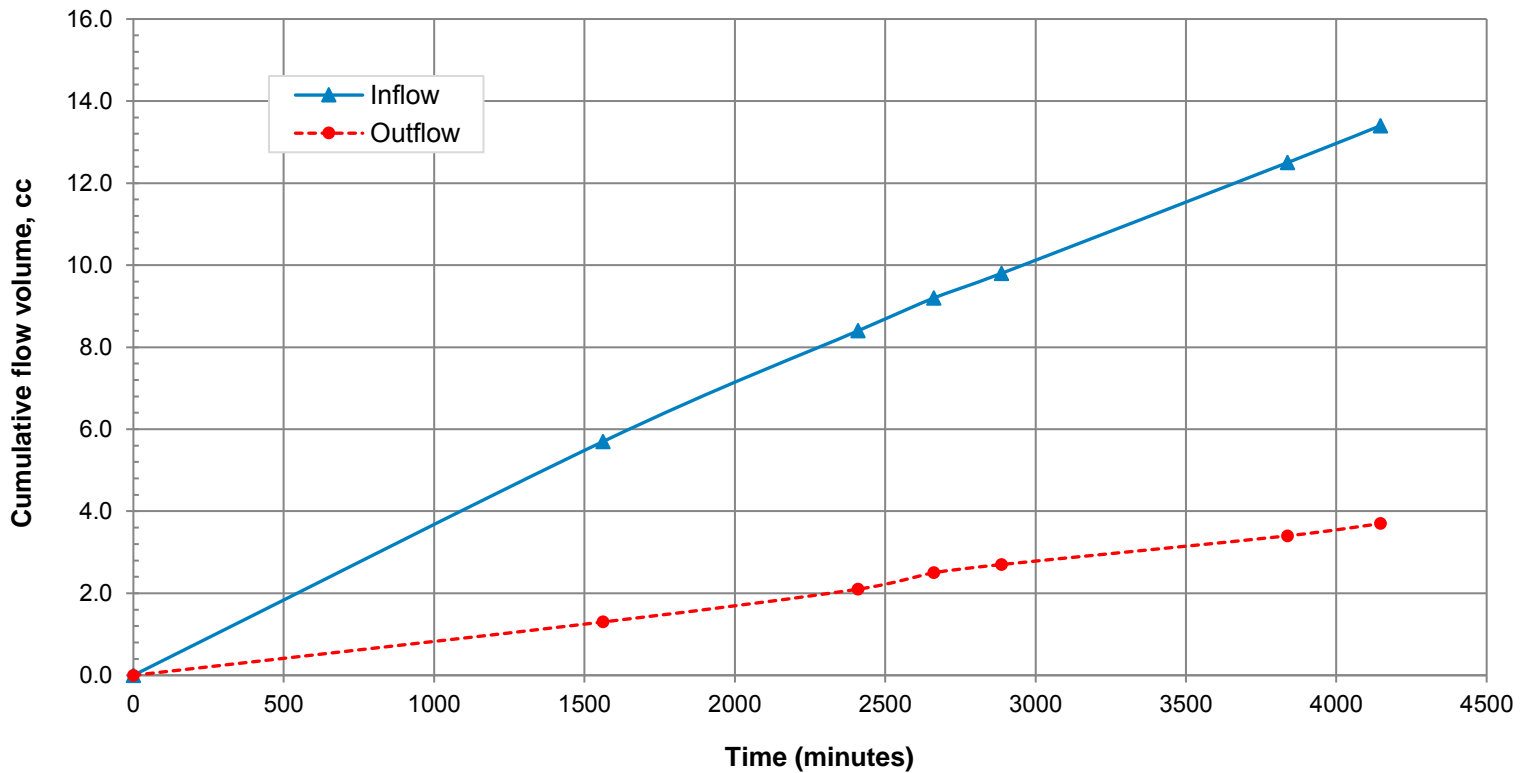
Cell Pressure = 300 kPa Head across sample = 70 cm Hydraulic gradient = 16.4
 Back pressure = 270 kPa

<u>Initial Conditions</u>	<u>Final Conditions</u>
Initial sample diameter = 68.43 mm	Final water content = 20.3 %
Initial sample height = 42.80 mm	Final wet density = 2096 kg/m ³
Initial sample volume = 157.4 cc	Final dry density (measured) = 1743 kg/m ³
Initial water content = 17.8 %	Wet unit weight = 20.6 KN/m ³
Initial dry density (calculated) = 1769 kg/m ³	Final degree of saturation = 100 %
Initial degree of saturation = 91.1 %	

Inflow Rate = 0.00027 cc/min
Outflow Rate = 0.00007 cc/min

Hydraulic Conductivity = 5E-11 m/s

Comment: Description of Sample: **Cl - Lean Clay with Sand**



WE CERTIFY TESTING PROCEDURES ARE IN ACCORDANCE WITH ASTM D5084 STANDARD
 P. MACHIBRODA ENGINEERING LTD.

PER *Peter Schenqevitch*

LIQUID LIMIT, PLASTIC LIMIT, AND PLASTICITY INDEX TEST REPORT

ASTM DESIGNATION D4318: Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
 ASTM DESIGNATION D2216: Standard Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass

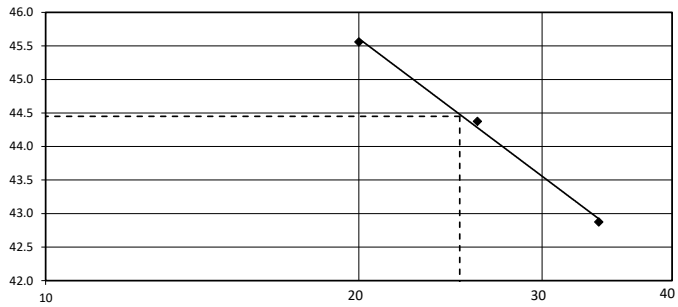


806 48th Street East, Saskatoon, Saskatchewan, S7K 3Y4
 Phone: 306-665-8444
 Email: lab.sk@machibroda.com

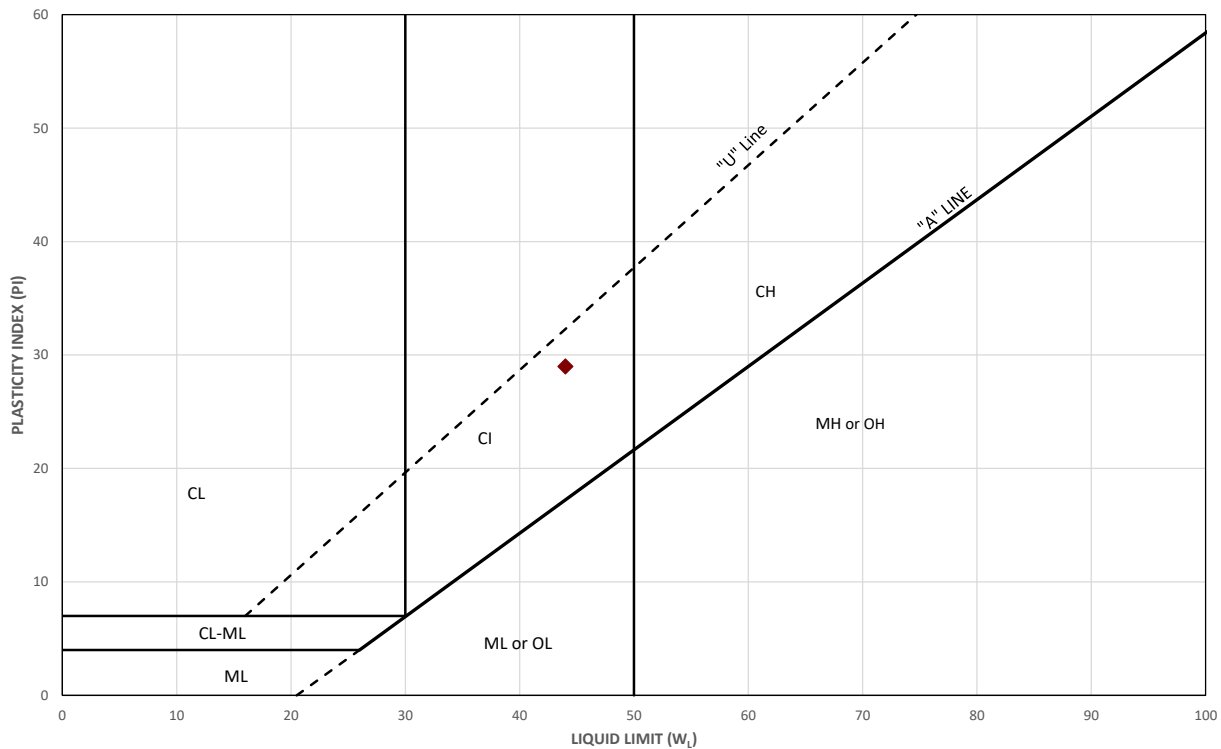
PROJECT NUMBER:	<u>17444</u>	BOREHOLE:	<u>---</u>
PROJECT:	<u>New Gold Rainy River (1003-223)</u>	DEPTH (ft):	<u>---</u>
LOCATION:	<u>Near Rainy River, ON</u>	SAMPLE NUMBER:	<u>5</u>
DATE TESTED:	<u>July 4, 2022</u>	SAMPLED BY:	<u>O'Kane Consultants Inc.</u>
TECHNICIAN:	<u>T. Gerasimova</u>	DATE SAMPLED:	<u>---</u>
SOURCE:	<u>May Comparison S534</u>	DATE RECEIVED:	<u>June 22, 2022</u>

LIQUID LIMIT: 44
PLASTIC LIMIT: 15
PLASTICITY INDEX: 29

SAMPLE DESCRIPTION: Cl - Medium Plastic
 WATER (MOISTURE) CONTENT METHOD (%): B
 AS RECEIVED MOISTURE CONTENT (%): 25.4
 SPECIMEN PREPARATION PROCEDURE: 2 (Oven Dried)
 SPECIAL SELECTION PROCESS USED: ---
 PLASTIC LIMIT PROCEDURE: 1
 LIQUID LIMIT METHOD: A
 LIQUID LIMIT DEVICE: Mechanical
 GROOVING TOOL: Plastic



PLASTICITY CHART FOR CLASSIFICATION OF FINE GRAINED SOILS



REVIEWED BY: Preston Schergevitch
 Preston Schergevitch, A.Sc.T.

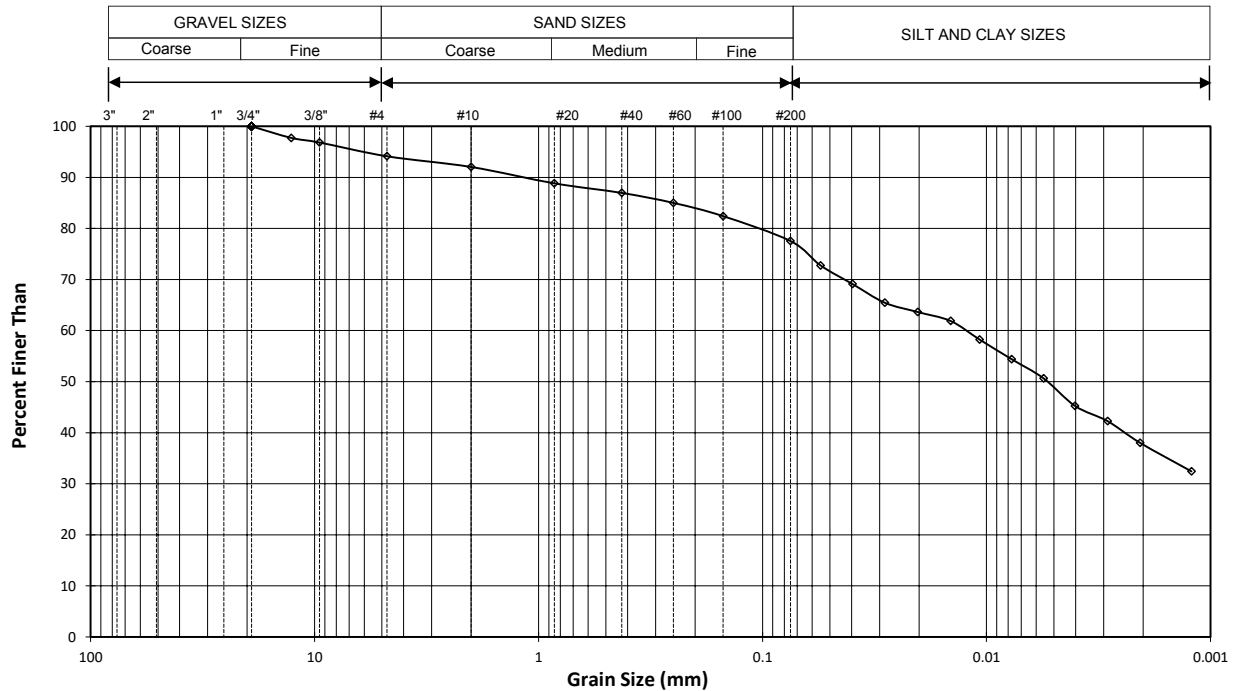
Project: New Gold Rainy River (1003-223)
Location: Near Rainy River, ON
Project No.: 17444
Date Tested: June 27, 2022
Source: May Comparison S534
Sample No.: 5
Sample Description: CCL (Compacted Clay Liner) - CI - Lean Clay with Sand

Sieve Analysis:			Hydrometer Analysis:		
Sieve	Diameter mm	% Finer	Diameter mm	% Finer	
1.5"	38.1	100	0.0550	72.7	
1"	25.4	100	0.0396	69.1	
3/4"	19.1	100	0.0285	65.5	
1/2"	12.7	98	0.0203	63.6	
3/8"	9.5	97	0.0145	61.9	
# 4	4.75	94	0.0107	58.2	
# 10	2	92	0.0077	54.4	
# 20	0.85	89	0.0056	50.6	
# 40	0.425	87.0	0.0040	45.2	
#60	0.25	85.0	0.0029	42.3	
# 100	0.15	82.4	0.0021	38.0	
# 200	0.075	77.5	0.0012	32.4	

Material Description:

% Gravel Sizes	% Sand Sizes	% Silt Sizes	% Clay Sizes
6	17	40	37

Remarks:



Drawing No.

17444-5

WE CERTIFY TESTING PROCEDURES ARE IN ACCORDANCE WITH AASHTO T 88 STANDARD
P. MACHIBRODA ENGINEERING LTD.

PER *Prostern Schengevitch*

STANDARD PROCTOR MOISTURE-DENSITY RELATIONSHIP TEST REPORT

ASTM Designation D698: Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³ (600 kN-m/m³))

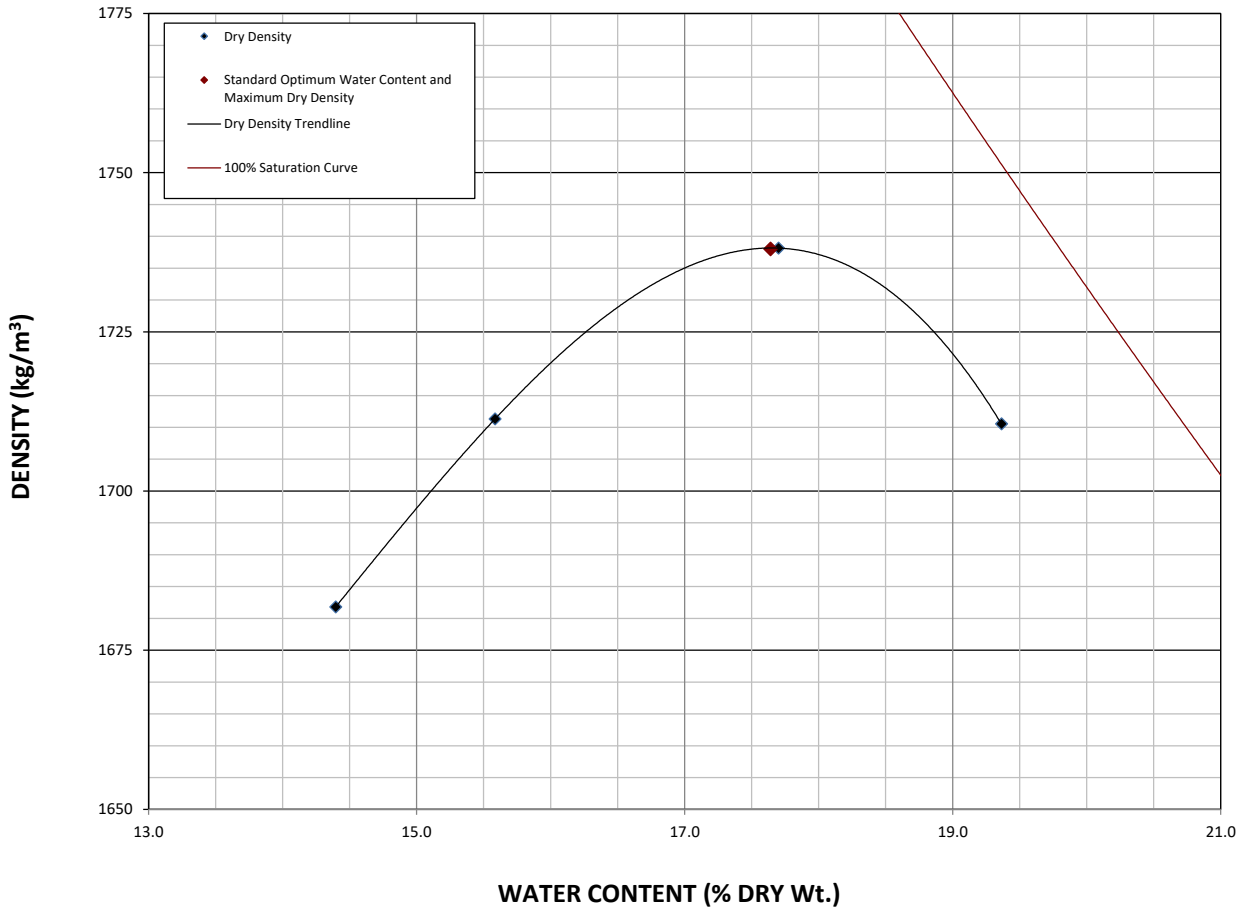


806 48th Street East, Saskatoon, Saskatchewan S7K 3Y4
 Phone: 306-665-8444
 Email: lab.sk@machibroda.com

PROJECT NO.: 17444
 PROJECT: New Gold Rainy River (1003-223)
 LOCATION: Near Rainy River, ON
 DATE TESTED: June 24, 2022
 TECHNICIAN: B. Sajeev
 SOURCE: May Comparison S534

CLIENT: O'Kane Consultants Inc.
 SAMPLE NUMBER: 5
 SAMPLED BY: O'Kane Consultants Inc.
 DATE SAMPLED: ---
 DATE RECEIVED: June 22, 2022

TRIAL NUMBER	1	2	3	4	5
DRY DENSITY (kg/m ³)	1682	1711	1738	1711	
WATER CONTENT (%)	14.4	15.6	17.7	19.4	



SAMPLE DESCRIPTION: CCL (Compacted Clay Liner) - CI - Lean Clay with Sand

STANDARD OPTIMUM WATER CONTENT (%): 17.6

STANDARD MAXIMUM DRY DENSITY (kg/m³): 1738

CORRECTED STANDARD OPTIMUM WATER CONTENT (%): 16.7

CORRECTED STANDARD MAXIMUM DRY DENSITY (kg/m³): 1775

METHOD OF COMPACTION: METHOD A

PREPARATION METHOD: DRY

AS RECEIVED WATER CONTENT (%): 25.4

STANDARD MAXIMUM UNIT WEIGHT (Kn/m³): 17.04

TYPE OF RAMMER: Manual

MATERIAL RETAINED ON 4.75-mm SIEVE (%)(P_c): 6.0

MATERIAL PASSING THE 4.75-mm SIEVE (%)(P_s): 94.0

SPECIFIC GRAVITY (assumed): 2.65

REMARKS: _____



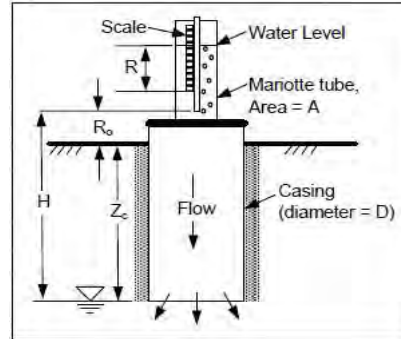
REVIEWED BY: Preston Schergevitch
 Preston Schergevitch, A.Sc.T.

ATTACHMENT C – 2022 Hydraulic Conductivity Results

**Borehole Hydraulic Conductivity Test
ASTM D 6391 Method C**



Project:	1003-223
Date:	22-Jul-22
Test ID:	BP29
Installer:	BW
Analyst:	TBD



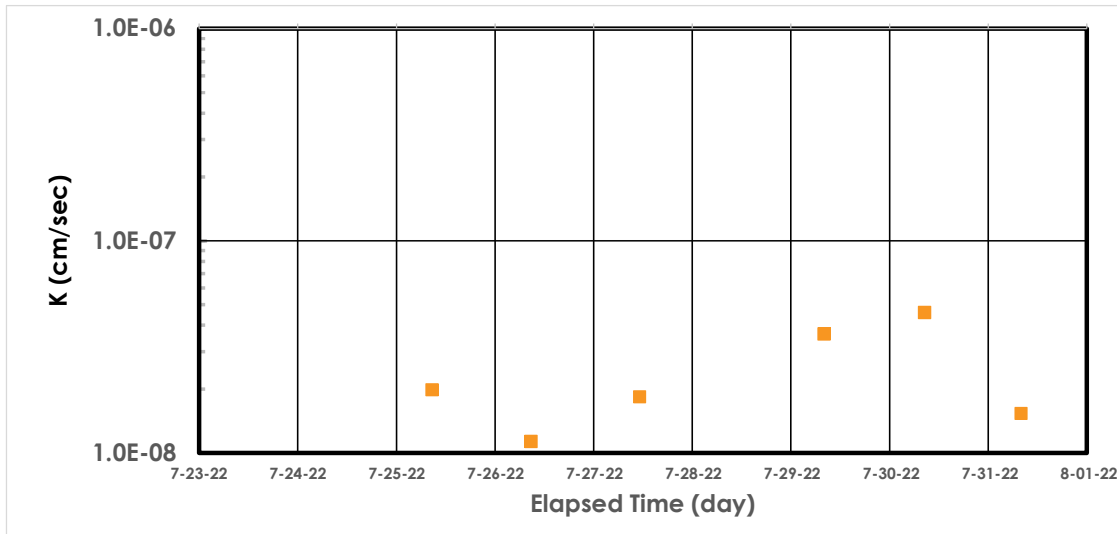
Fixed Variables:

Casing Diameter, D	cm	30	
Standpipe Inner Diameter, D	cm	6.8	
Mariotte Outer Diameter, D	cm	1	
Standpipe Inner Area	cm ²	2.2	(Inner Tube Test)
Bubble Pt Elevation, R _o	cm	12.5	
Casing Embedment, Z _c	cm	22.5	
TEG (yes/no)	yes/no	no	

Temporal Field Data:

Computations:

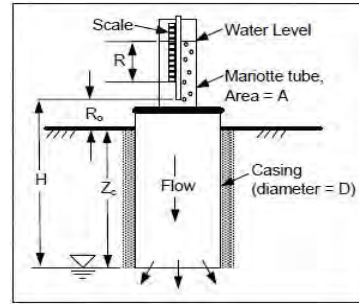
Time (Date, H:M)	R (cm)	T (°C)	Comments	Q (mL/s)	Elapsed Time (d)	R _t (-)	K (cm/s)	Percent Change (%)
2022-07-22 11:21	2		START					
2022-07-23 9:40	2.3			-8.22E-06	0.930	1.000	2.85E-09	
2022-07-24 9:45	1.4		AFFECTED BY RAIN. OMIT					
2022-07-25 8:42	8.8			-5.73E-05	2.890	1.000	1.98E-08	-11%
2022-07-26 8:46	13.8			-3.27E-05	3.892	1.000	1.13E-08	3%
2022-07-27 11:11	24.2			-5.30E-05	4.993	1.000	1.84E-08	-3%
2022-07-28 8:10	18.1		AFFECTED BY RAIN. CONSIDERED A RESTART TO CONFIRM K					
2022-07-29 8:05	22.2			-1.05E-04	0.997	1.000	3.63E-08	
2022-07-30 8:30	32.7			-1.33E-04	2.014	1.000	4.60E-08	-1%
2022-07-31 8:00	37.9			-4.42E-05	2.993	1.000	1.53E-08	6%
						GEOMEAN	2.95E-08	cm/s
							2.95E-10	m/s



**Borehole Hydraulic Conductivity Test
ASTM D 6391 Method C**



Project:	1003-223
Date:	23-Jul-22
Test ID:	BP30
Installer:	BW
Analyst:	TBD



Fixed Variables:

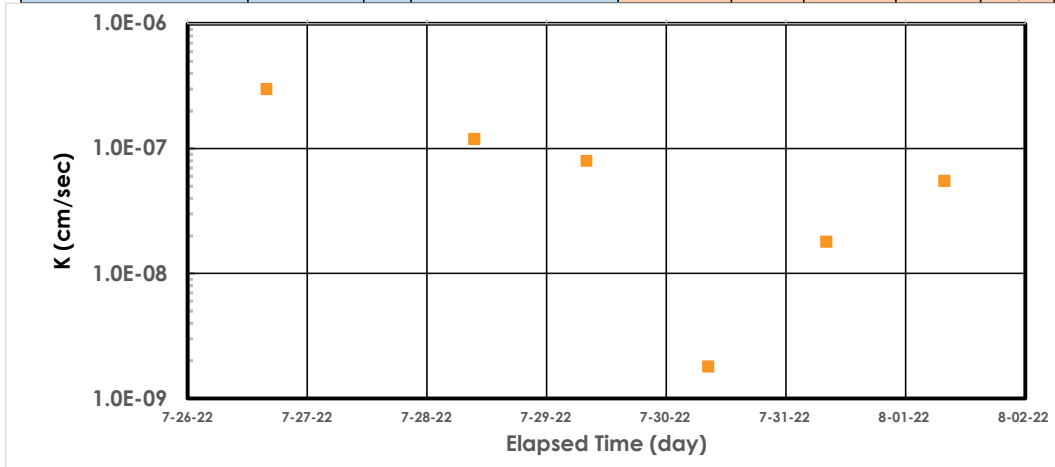
Casing Diameter, D	cm	30
Standpipe Inner Diameter, D	cm	6.8
Mariotte Outer Diameter, D	cm	1
Standpipe Inner Area	cm ²	2.2 (Inner Tube Test)
Bubble Pt Elevation, Ro	cm	14.5
Casing Embedment, Zc	cm	20.5
TEG (yes/no)	yes/no	no

35.2

Temporal Field Data:

Computations:

Time (Date, H:M)	R (cm)	T (°C)	Comments	Q (ml/s)	Elapsed Time (d)	Rt (-)	K (cm/s)	Percent Change (%)
2022-07-26 15:48	1		START					
2022-07-27 11:06	28.4			-8.68E-04	0.804	1.000	3.00E-07	
2022-07-27 11:07	3.1		Refilled					
2022-07-28 9:30	4.8		FELL OVER (RESTARTED)					
2022-07-29 8:00	17.5			-3.45E-04	0.938	1.000	1.19E-07	
2022-07-30 8:25	35.2		DROP IN OUTER NOTED	-2.31E-04	1.955	1.000	7.98E-08	2%
2022-07-31 8:05	35.8		DROP IN OUTER NOTED	-5.19E-06	2.941	1.000	1.80E-09	19%
2022-07-31 8:05	7.9		SWITCHED TO COMBINED					
2022-08-01 7:45	8.4		RAIN DURING PERIOD	-5.19E-05	3.927	1.000	1.80E-08	
2022-08-02 0:00	10.2			-1.59E-04	4.604	1.000	5.52E-08	-7%
						GEOMEAN	3.15E-08	cm/s
							3.15E-10	m/s



Borehole Permeameter Area Results

EMRS22_BP_P30_L2_B29_220721

Moisture Content	
Sample I.D.	Lab MC
FIELD MC	40.5
EMRS22_MC_P30_L1_S512	29.1

Nuclear Density	
Sample I.D.	Dry Density (Corrected If Possible)
EMRS22_DE_P30_L2_D478	1341.0
EMRS22_DE_P30_L1_D461	1470.0

Sample ID	Sample Date	Test Date	Trial #	Moisture Content (%)	/100	Dry Density	Opt. DD (kg/m ³)	Opt. MC (%)
EMRS22_PR_P30_L1_S514_220525	2022-05-25	2022-05-29	1	14	0.14	1560	1599	20.6
			2	17.5	0.175	1589		
			3	20.5	0.205	1599		
			4	26.8	0.268	1515		
			5	28.3	0.283	1462		

Sample ID	Liquid Limit (LL)	Plastic Limit (PL)	Plasticity Index (PI)
EMRS22_AT_P30_L2_S523	41	15	26
EMRS22_AT_P30_L1_S514	43	15	28

Sample ID	Fractional Components									
Cobbles	Gravel			Sand			Fines			
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	1.7	1.7	1.2	2.9	15.2	19.3	31.9	47.1	79.0

Sample ID	Fractional Components									
Cobbles	Gravel			Sand			Fines			
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	2.2	2.2	1.3	2.9	13.0	17.2	27.8	52.8	80.6

Hydraulic Conductivity

Hydraulic conductivity results inconclusive due to the influence of rainfall during testing period. Further testing required during following construction season.

EMRS22_BP_P30_L2_B30_220721

Moisture Content	
Sample I.D.	Lab MC
EMRS22_MC_P30_L2_S540	26.6
Field MC	22.5

Nuclear Density	
Sample I.D.	Dry Density (Corrected If Possible)
EMRS22_DE_P30_L2_D488	1550.0
EMRS22_DE_P30_L1_D469	1602.0

Sample ID	Sample Date	Test Date	Trial #	Moisture Content (%)	/100	Dry Density	Opt. DD (kg/m ³)	Opt. MC (%)
EMRS22_PR_P30_L1_S514_220525	2022-05-25	2022-05-29	1	14	0.14	1560	1599	20.6
			2	17.5	0.175	1589		
			3	20.5	0.205	1599		
			4	26.8	0.268	1515		
			5	28.3	0.283	1462		

Sample ID	Liquid Limit (LL)	Plastic Limit (PL)	Plasticity Index (PI)
EMRS22_AT_P30_L2_S532	41	15	26
EMRS22_AT_P30_L1_S521	53	19	34

Sample ID	Fractional Components									
Cobbles	Gravel			Sand			Fines			
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	1.5	1.5	1.5	3.1	15.0	19.6	24.8	54.1	78.9

Sample ID	Fractional Components									
Cobbles	Gravel			Sand			Fines			
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	1.4	1.4	1.2	2.9	15.4	19.5	28.6	50.5	79.1

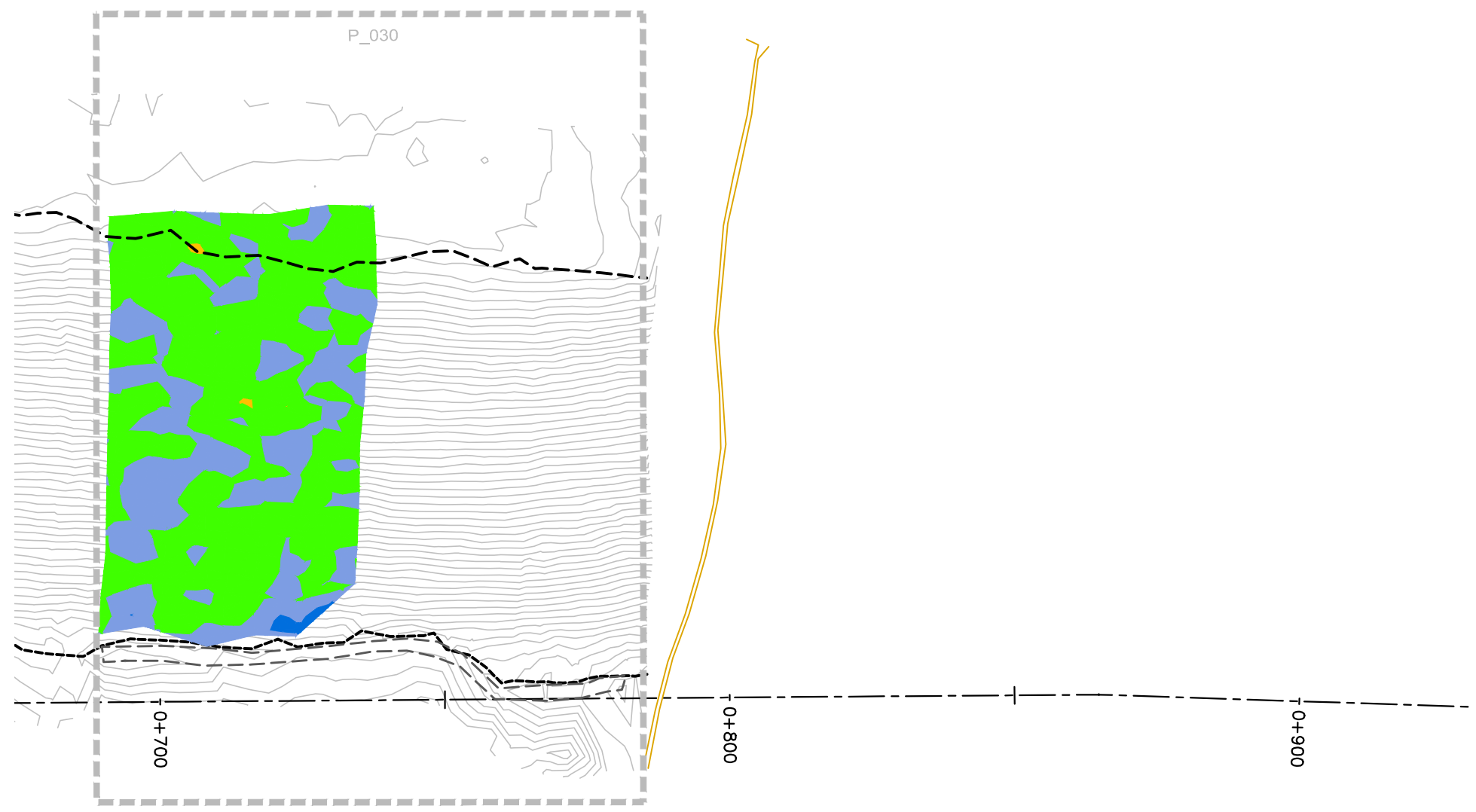
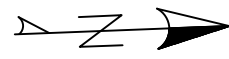
Hydraulic Conductivity

Hydraulic conductivity results inconclusive due to a combination of equipment failure and influence of rainfall during testing period. Further testing required during following construction season.

Appendix C

Tulloch Daily Placement and Heat Maps

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE MAY 26, 2022

DRAWN JTS

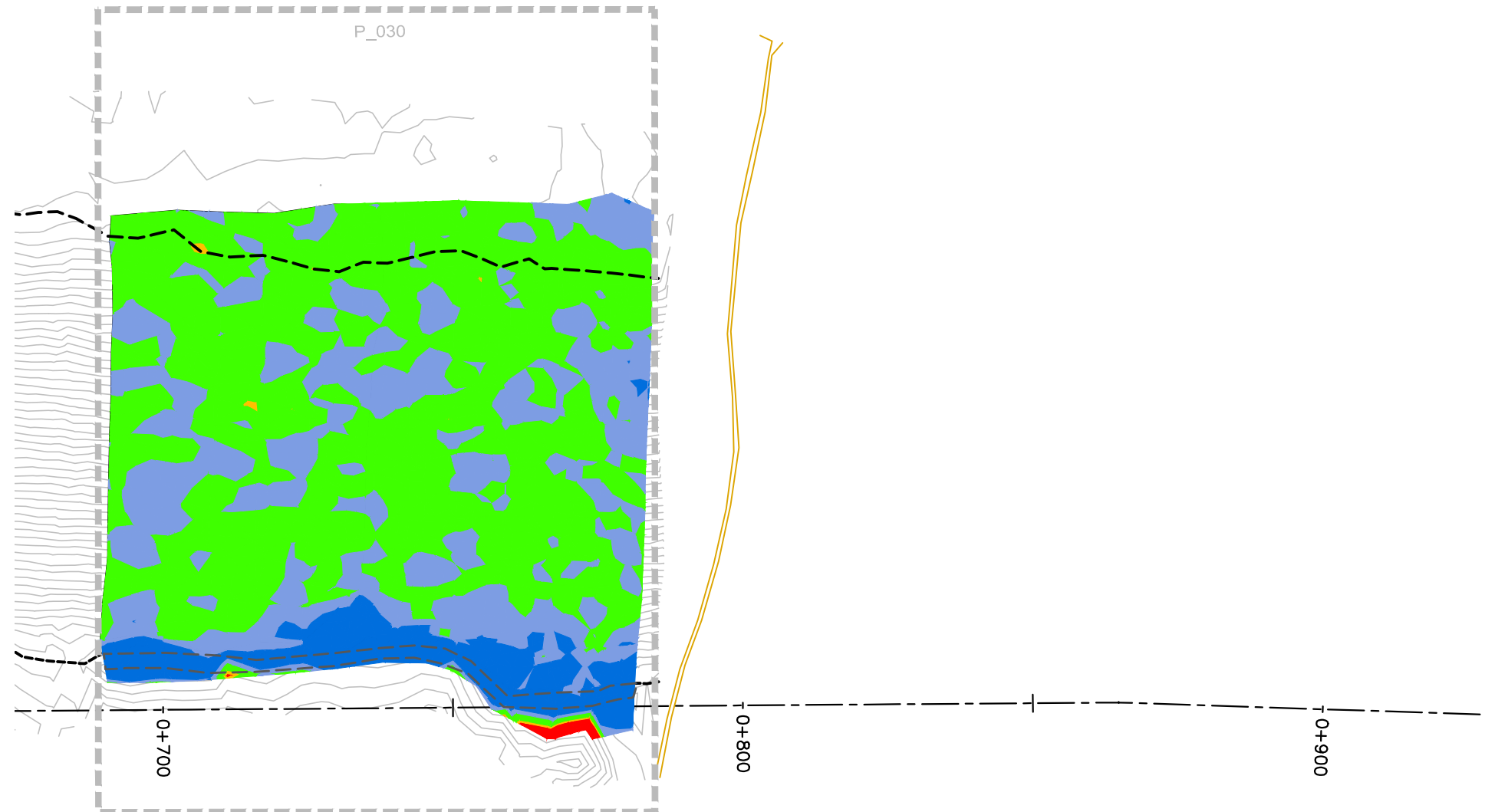
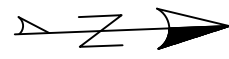
CHECKED

SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP
(MAY 26, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE MAY 27, 2022

DRAWN JTS

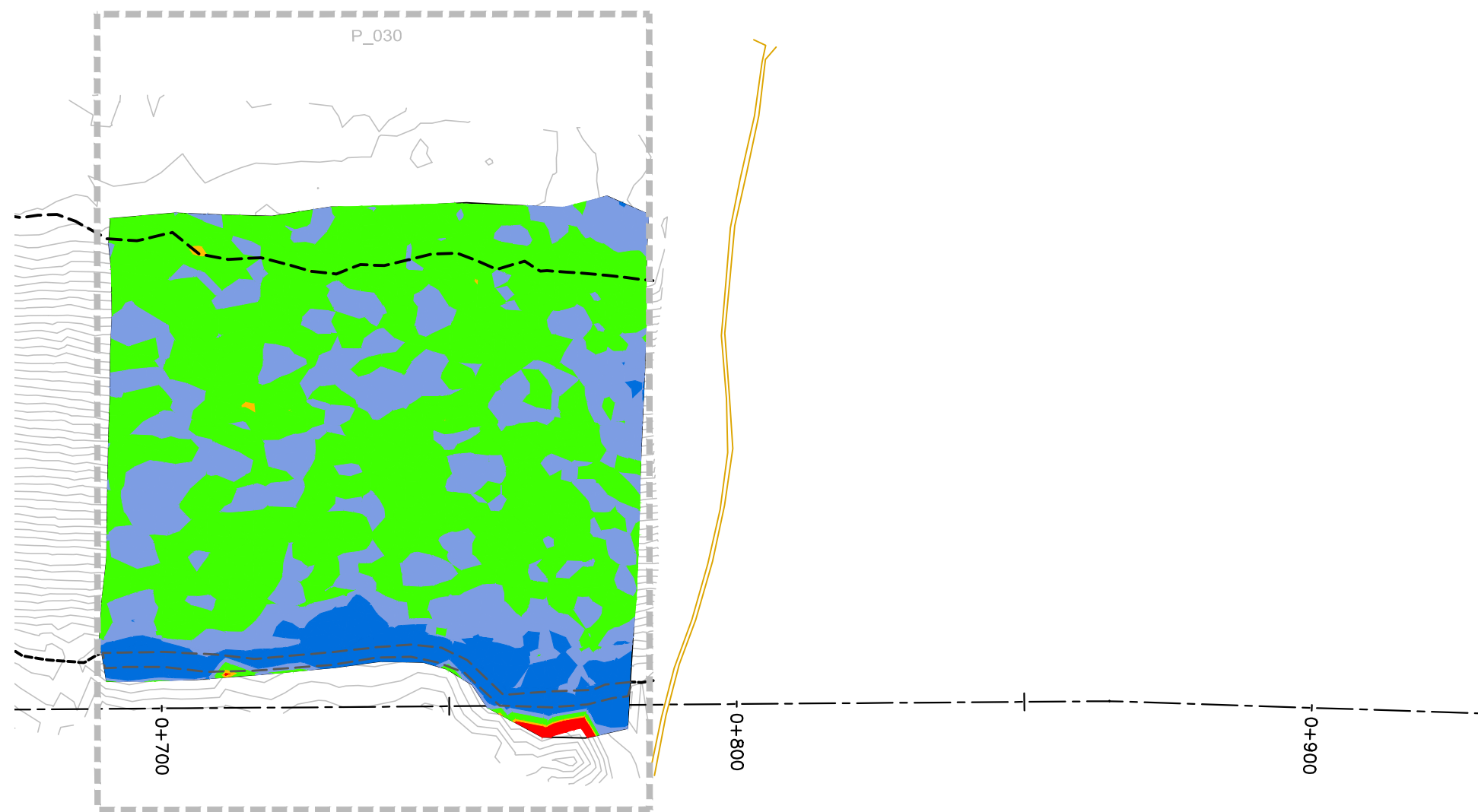
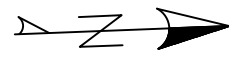
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP
(MAY 27, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE MAY 28, 2022

DRAWN JTS

CHECKED

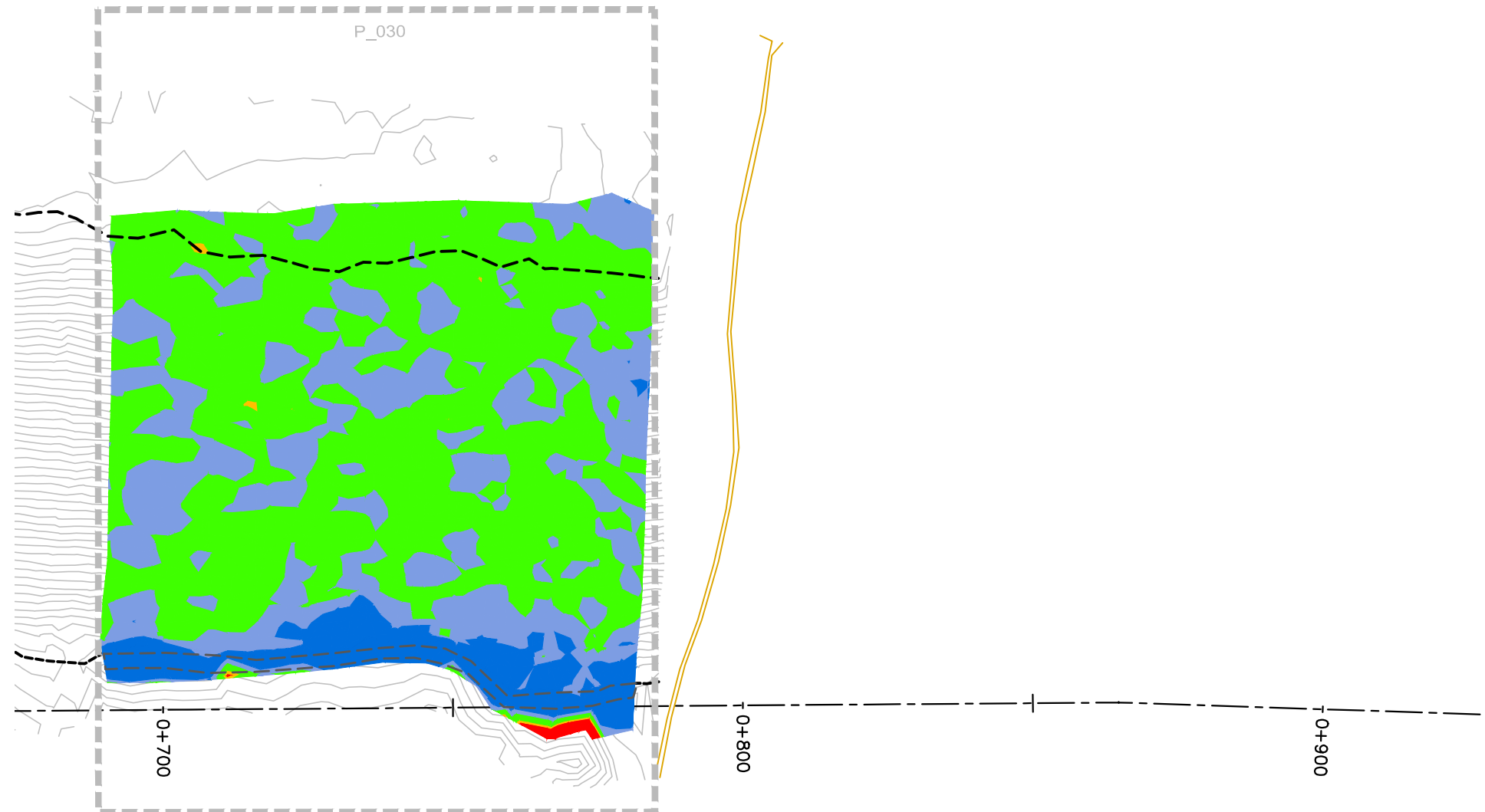
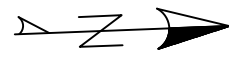
SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP

(MAY 28, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE MAY 29, 2022

DRAWN JTS

CHECKED

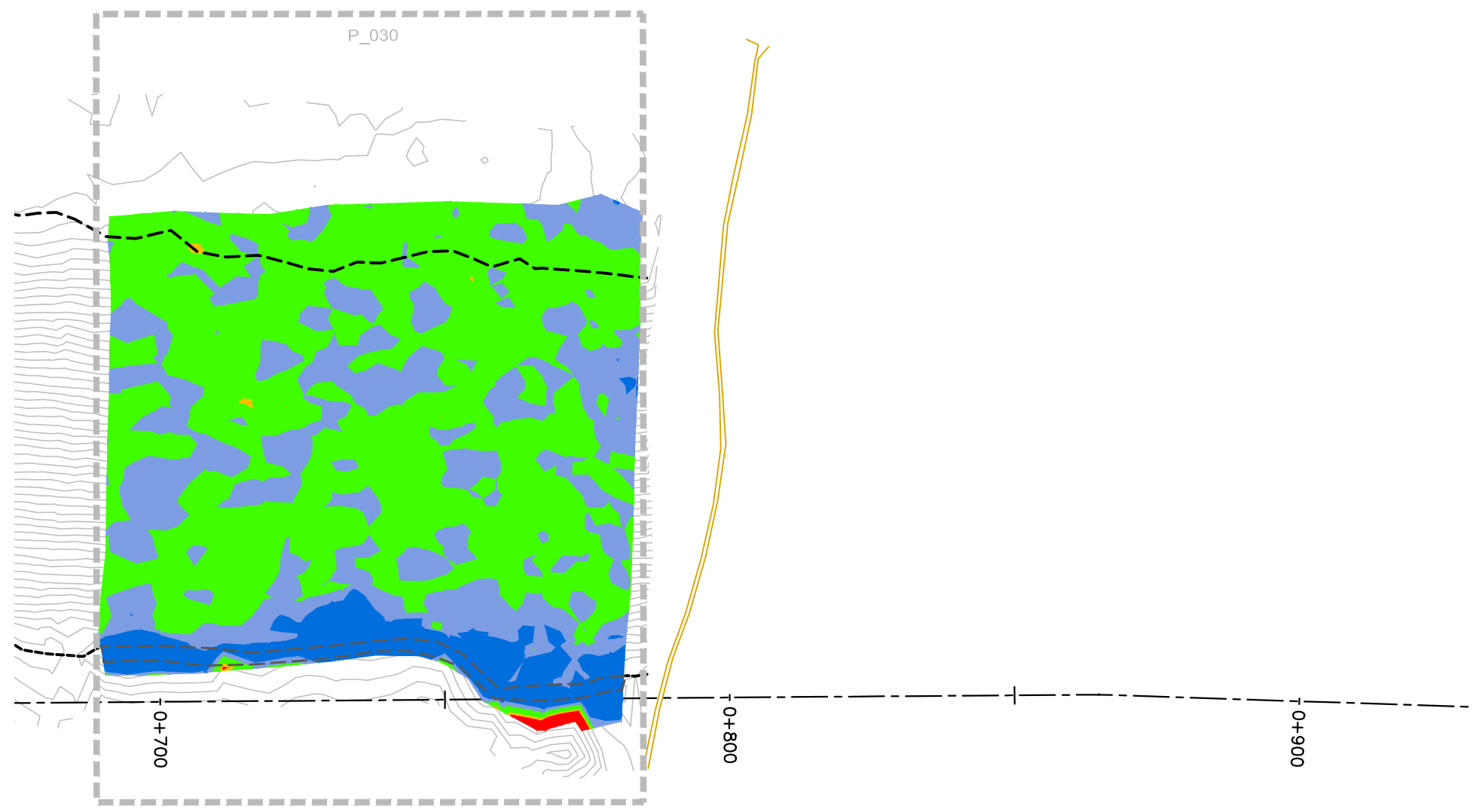
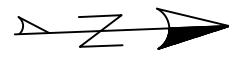
SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP

(MAY 29, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE MAY 30, 2022

DRAWN JTS

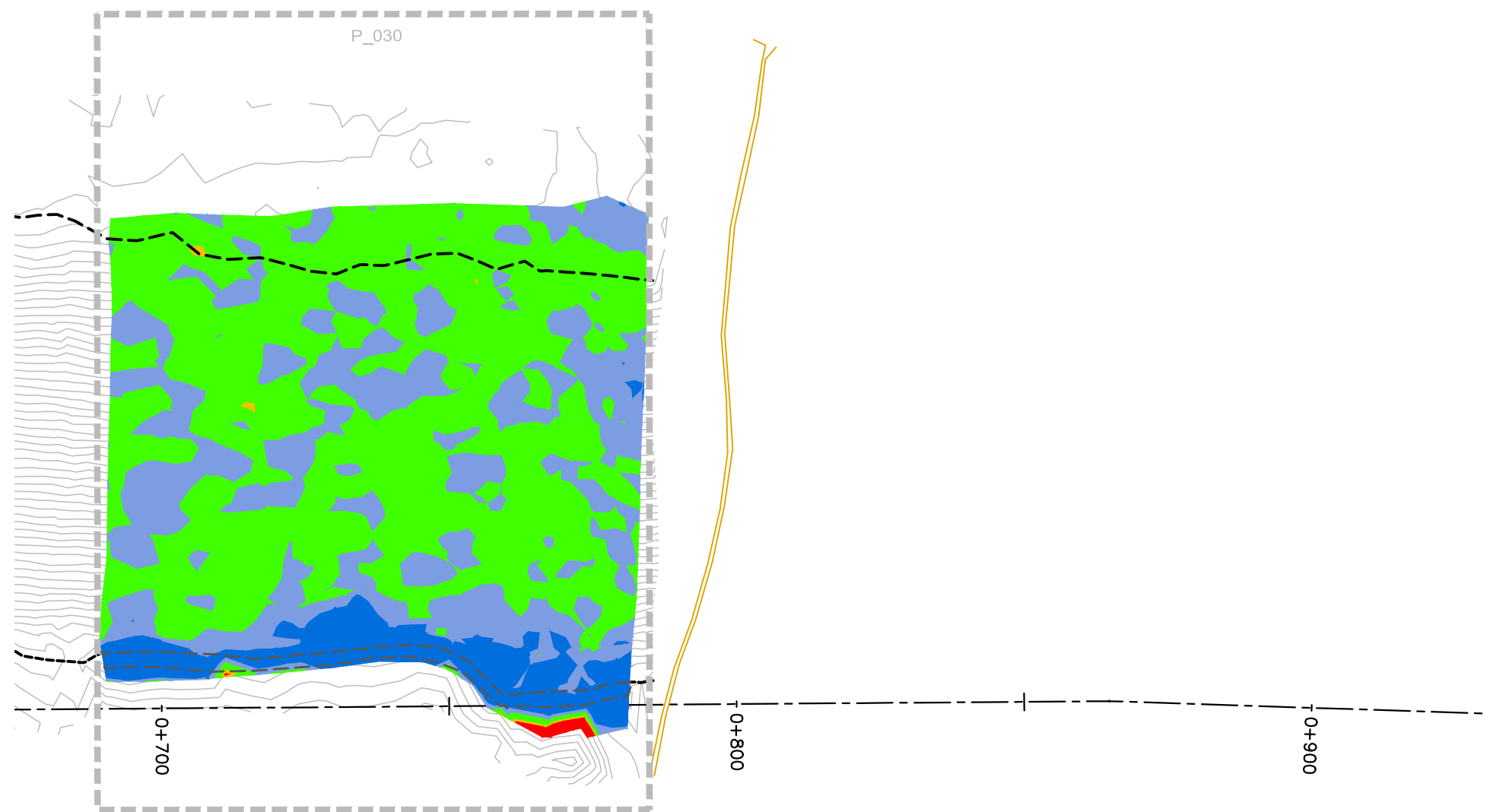
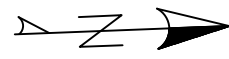
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP
(MAY 30, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE MAY 31, 2022

DRAWN JTS

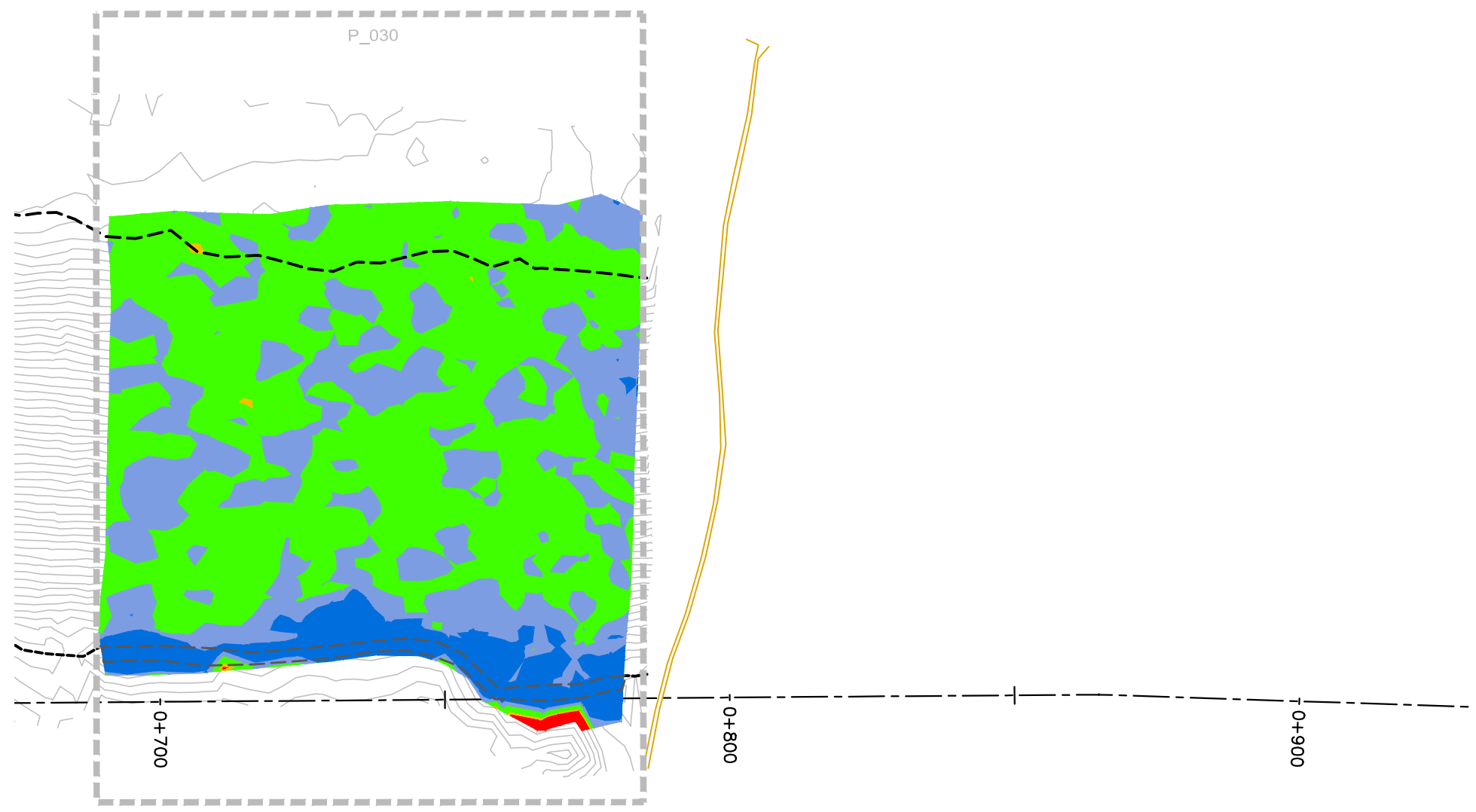
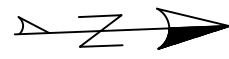
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP
(MAY 31, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JUNE 1, 2022

DRAWN JTS

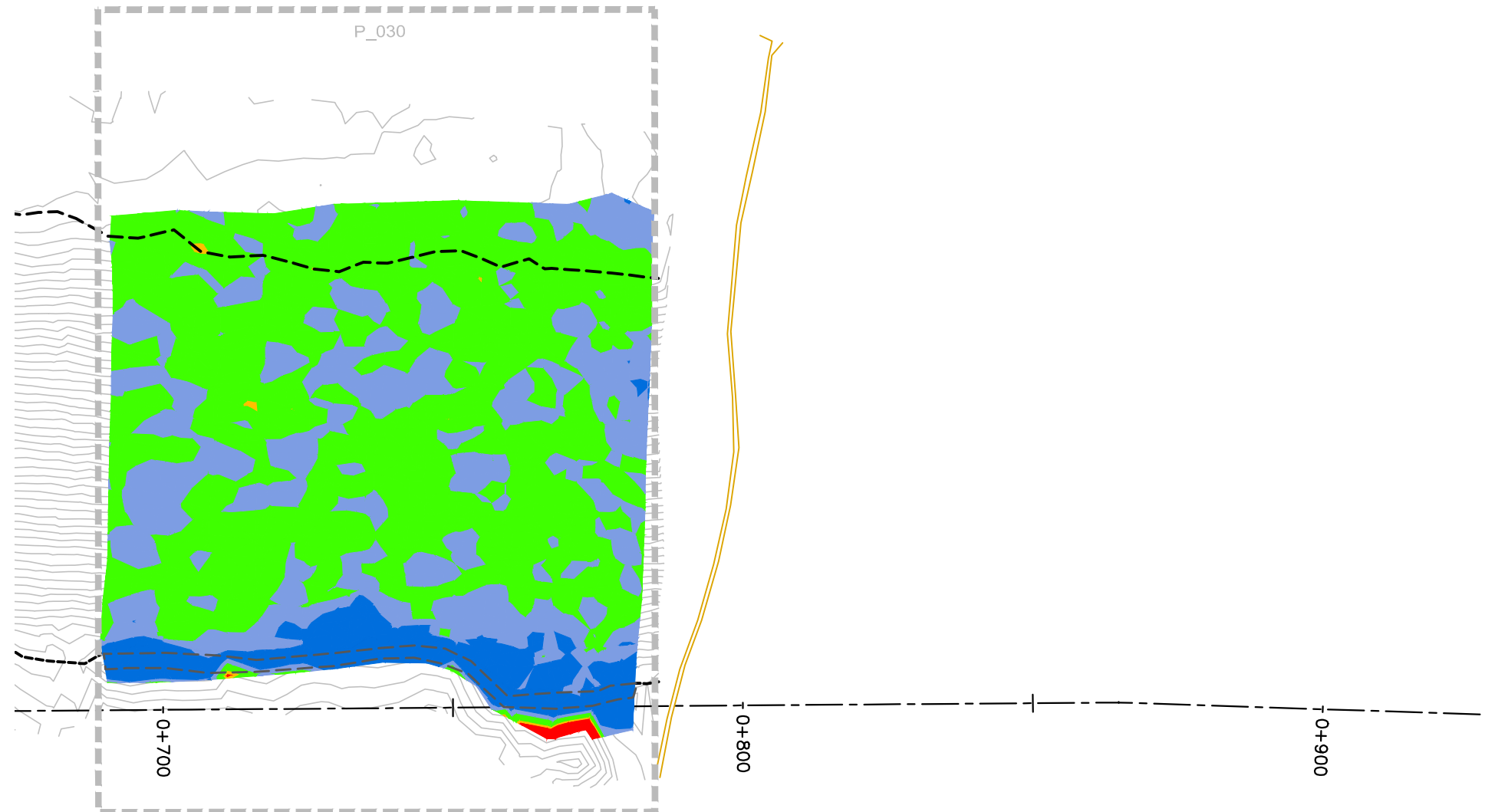
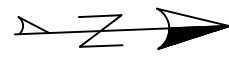
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP
(JUNE 1, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JUNE 3, 2022

DRAWN JTS

CHECKED

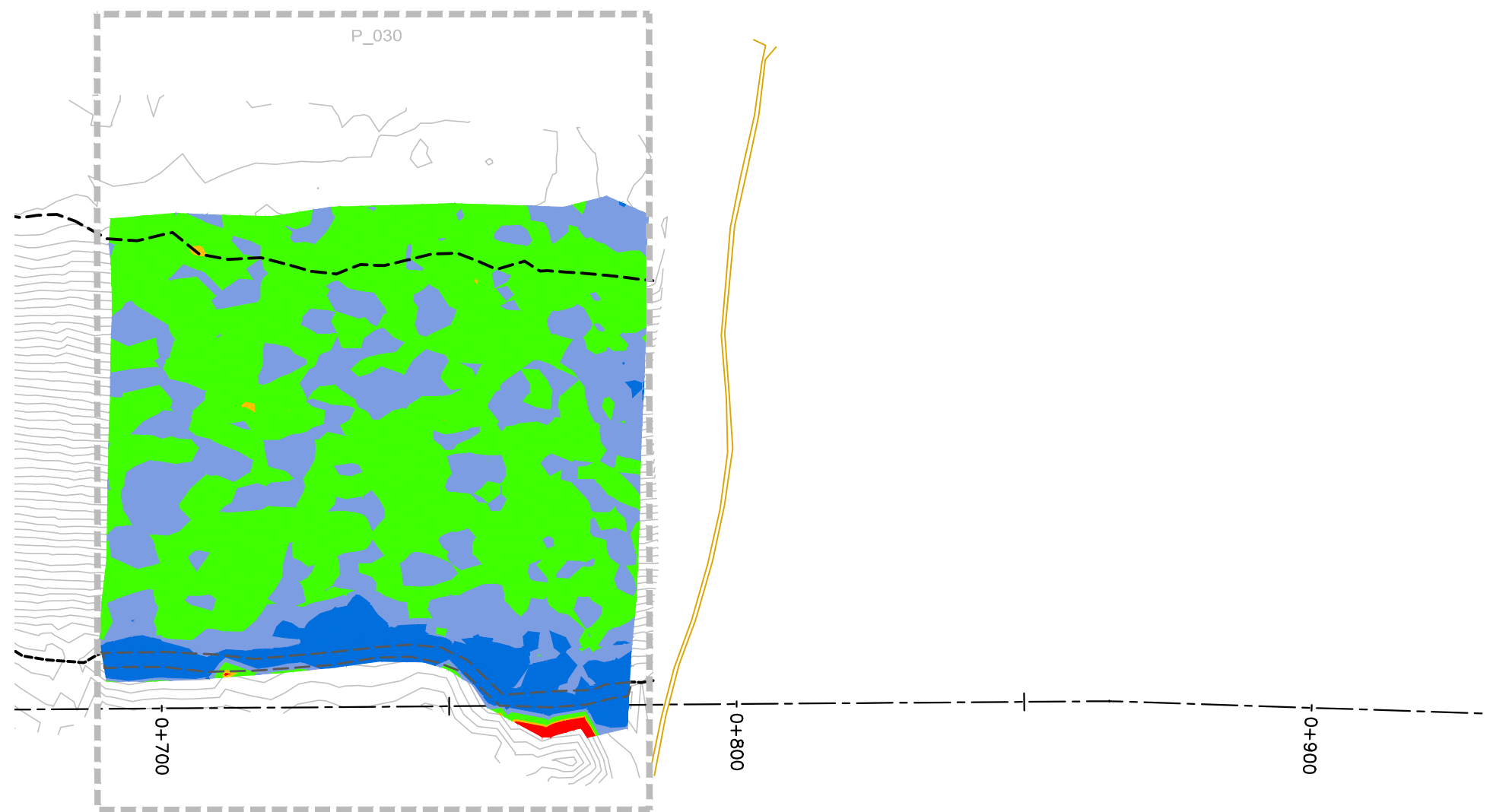
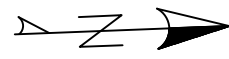
SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP

(JUNE 3, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JUNE 4, 2022

DRAWN JTS

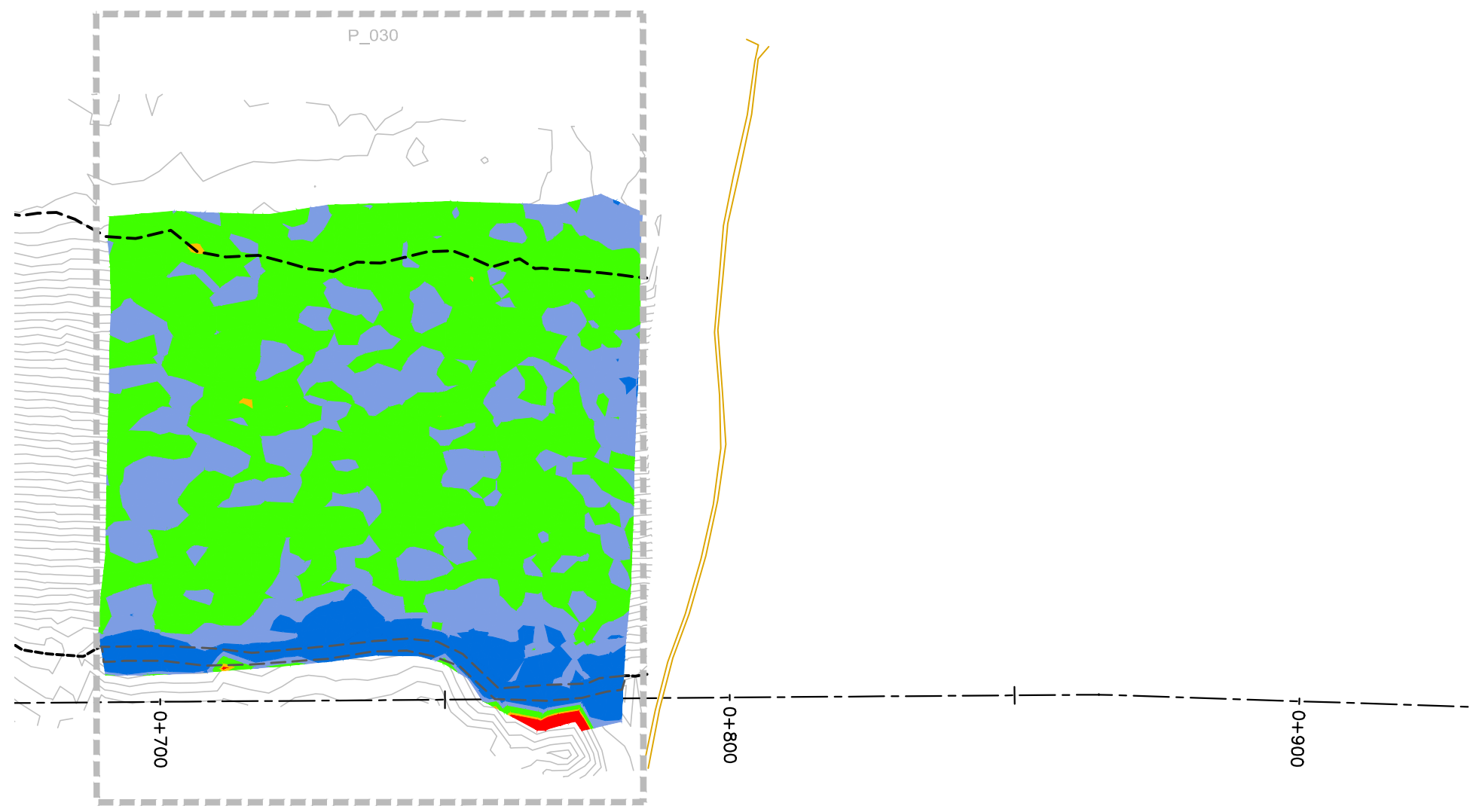
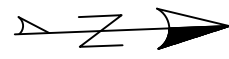
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP
(JUNE 4, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JUNE 5, 2022

DRAWN JTS

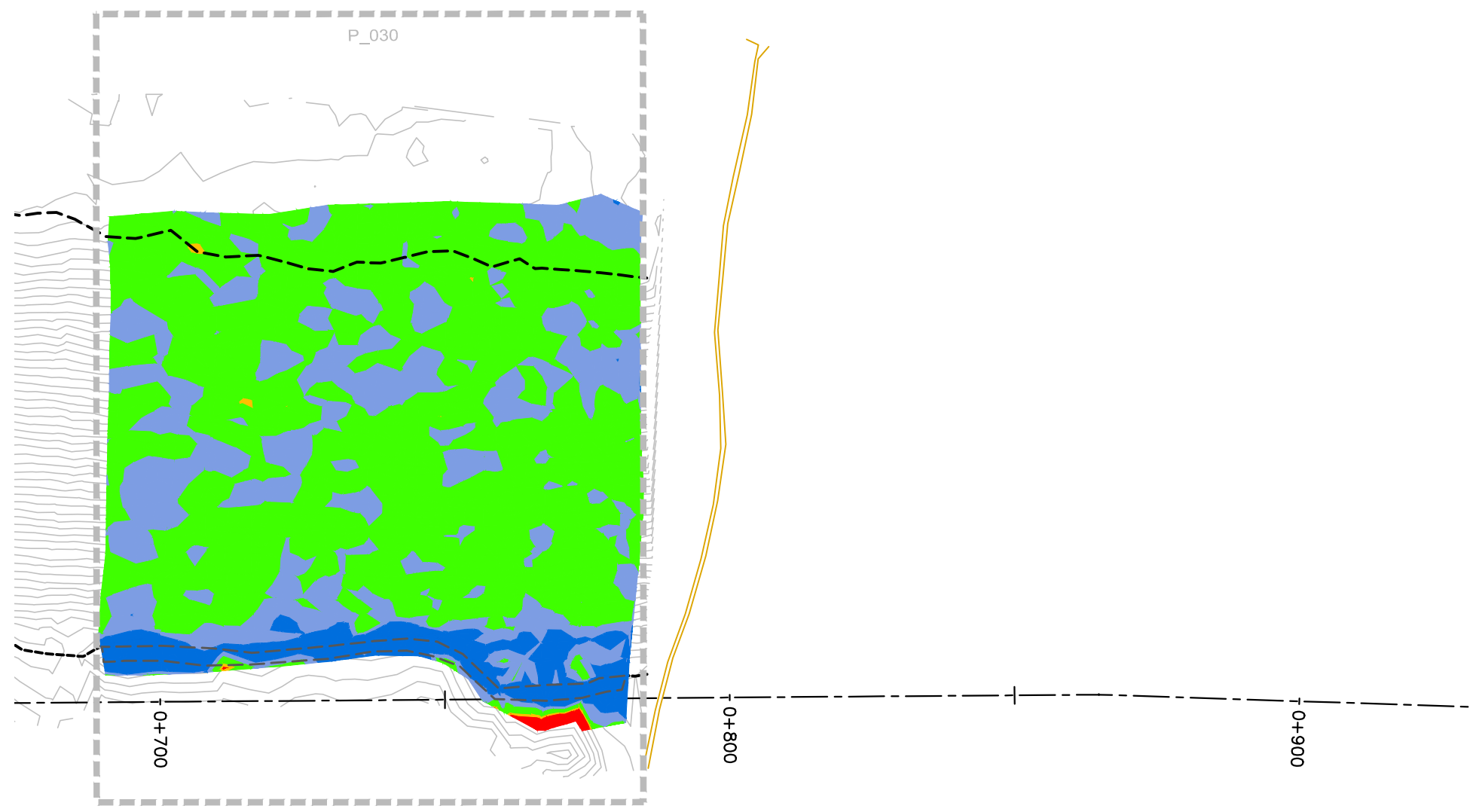
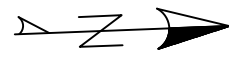
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP
(JUNE 5, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 4, 2022

DRAWN JTS

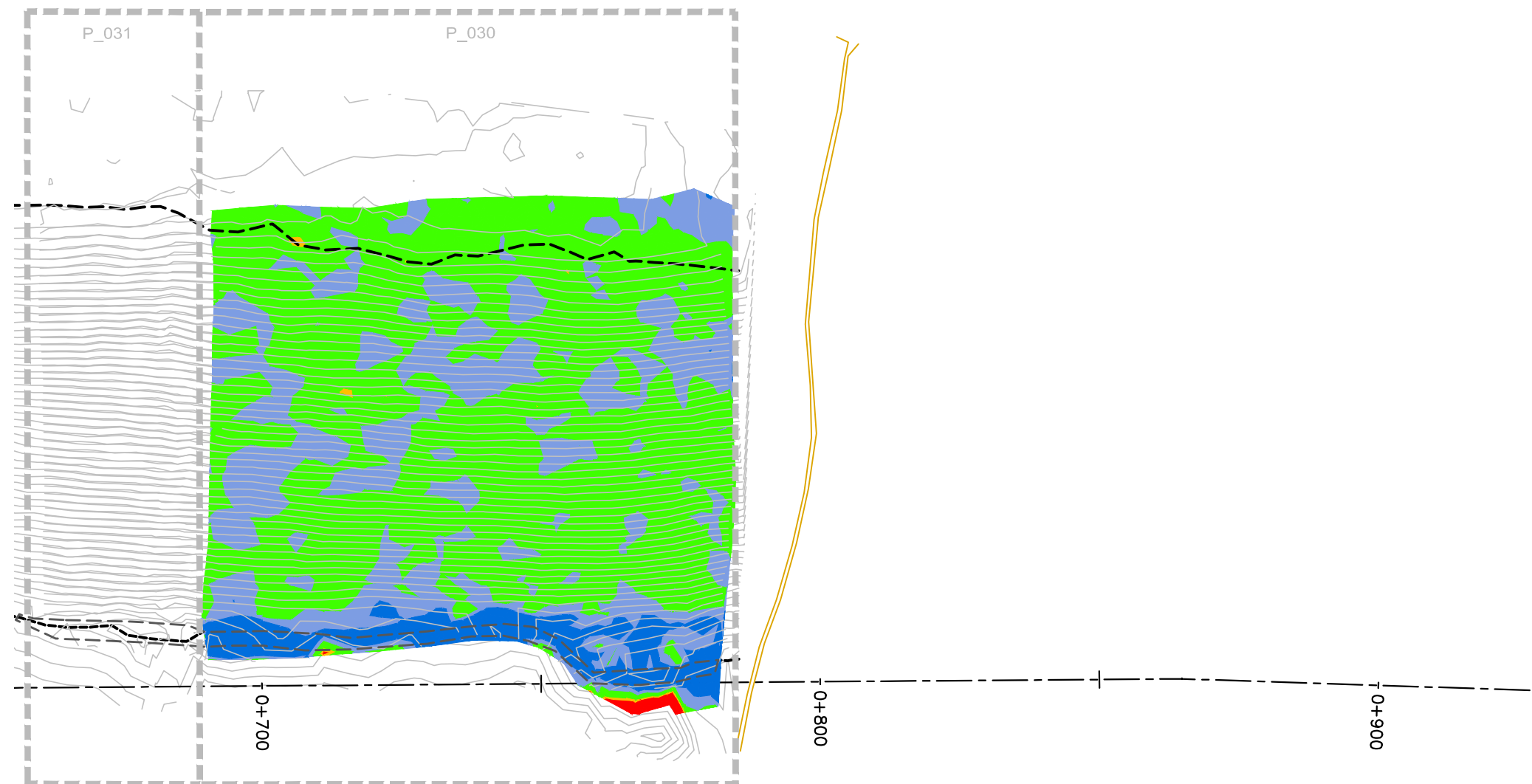
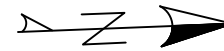
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP
(JULY 4, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	█
0.40m to 0.45m	█
0.45m to 0.60m	█
0.60m to 0.70m	█
> 0.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 5, 2022

DRAWN JTS

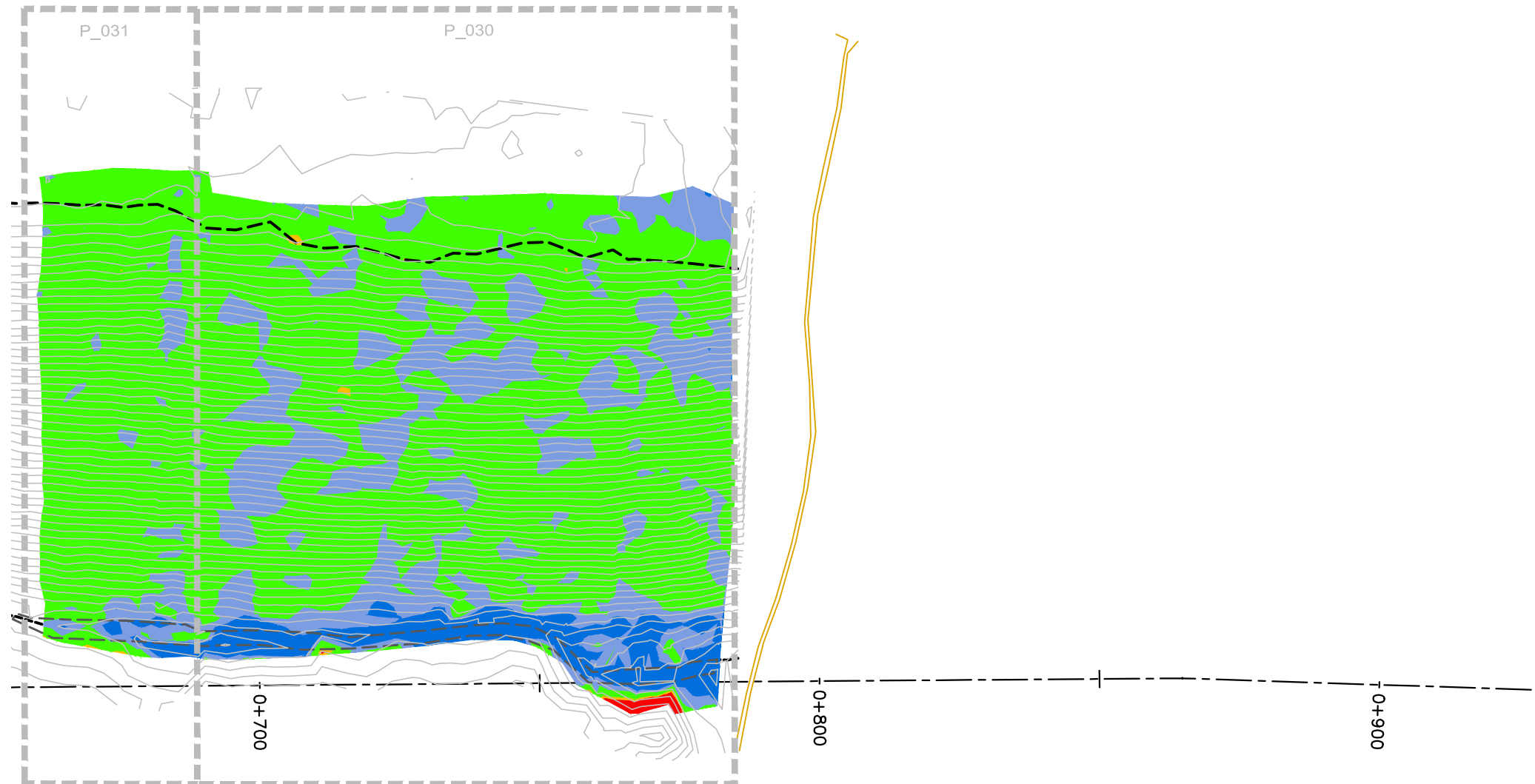
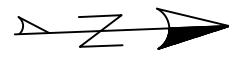
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(JULY 5, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 6, 2022

DRAWN JTS

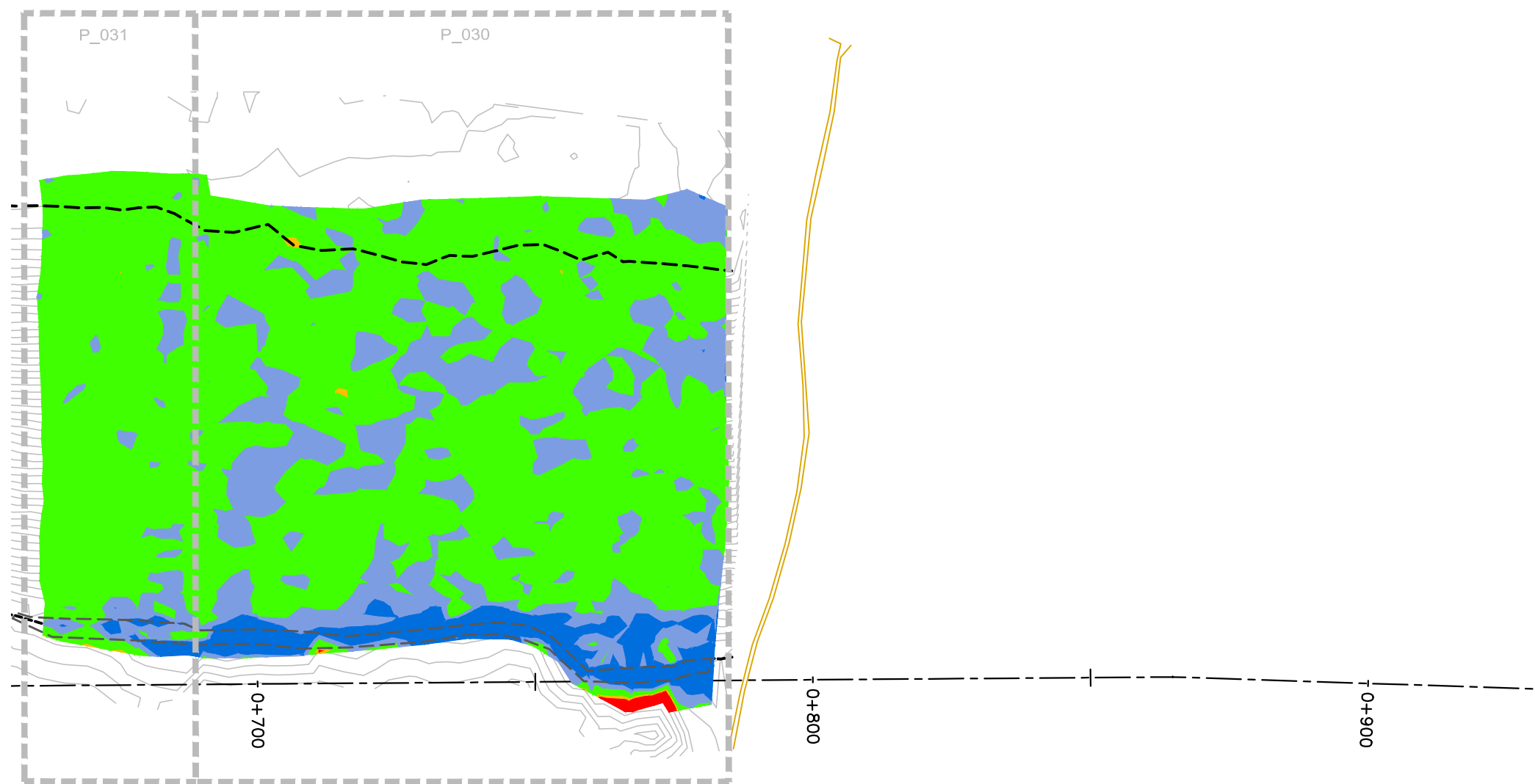
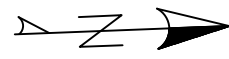
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SCALE NTS

DWG. No. PROJECT No. PHASE No.
H-1 | 19-1138 | 119

EMRS RECLAMATION — CCL HEAT MAP
(JULY 6, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 8, 2022

DRAWN JTS

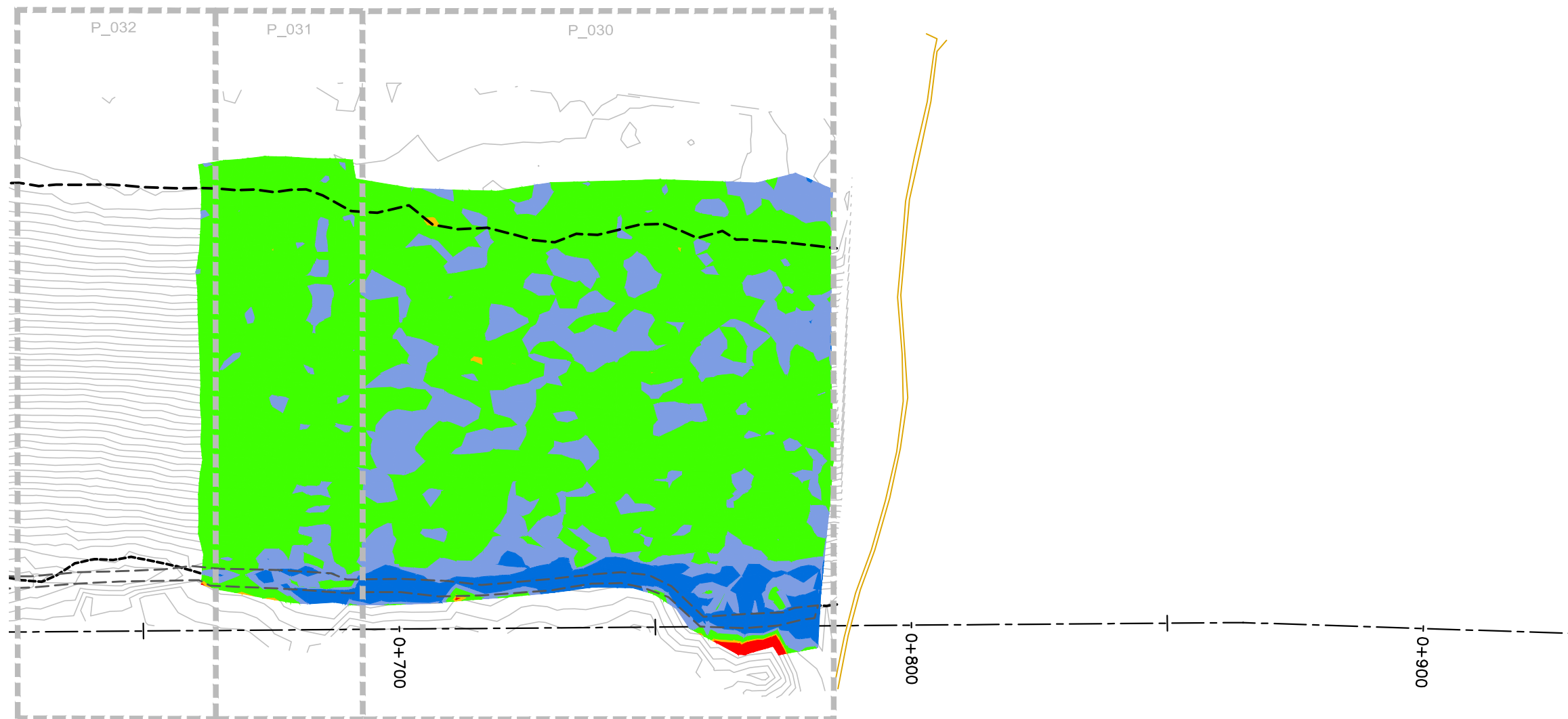
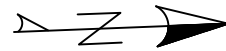
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP
(JULY 8, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 13, 2022

DRAWN JTS

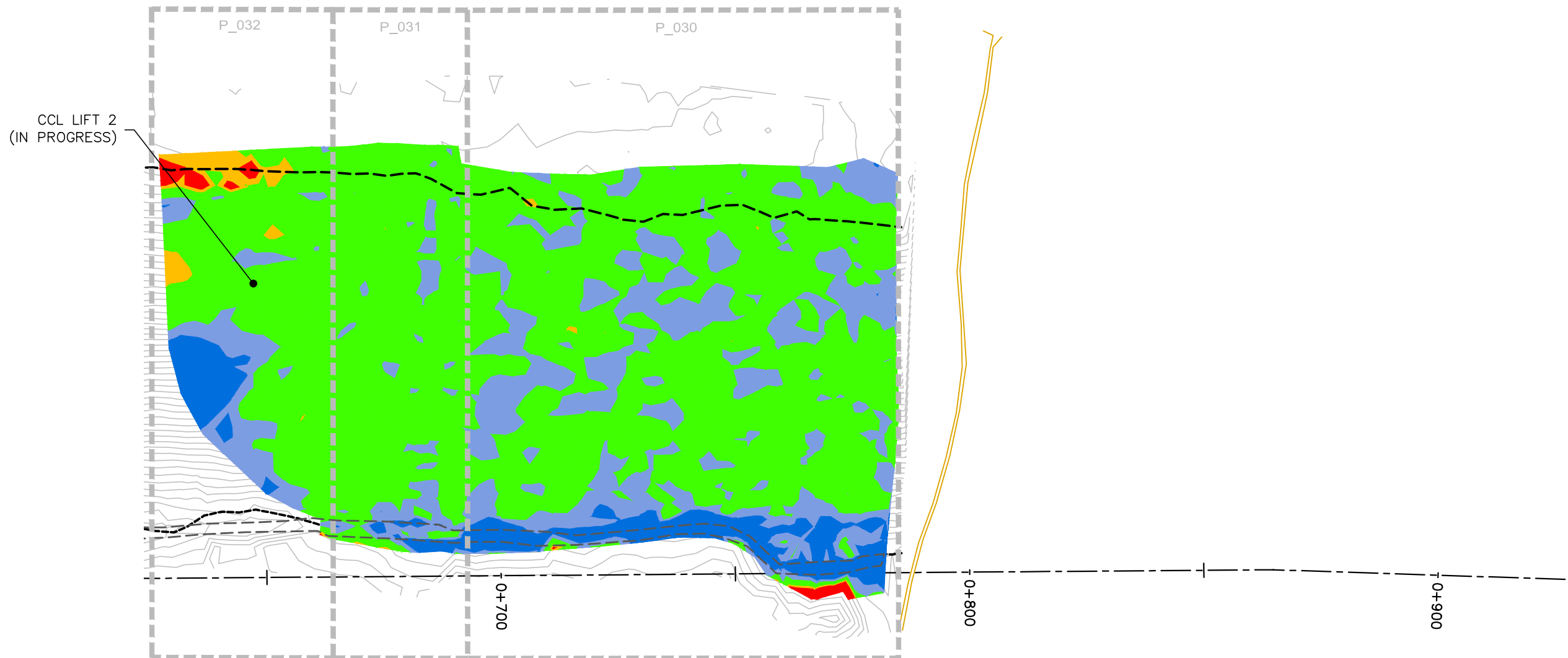
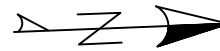
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(JULY 13, 2022 SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 14, 2022

DRAWN JTS

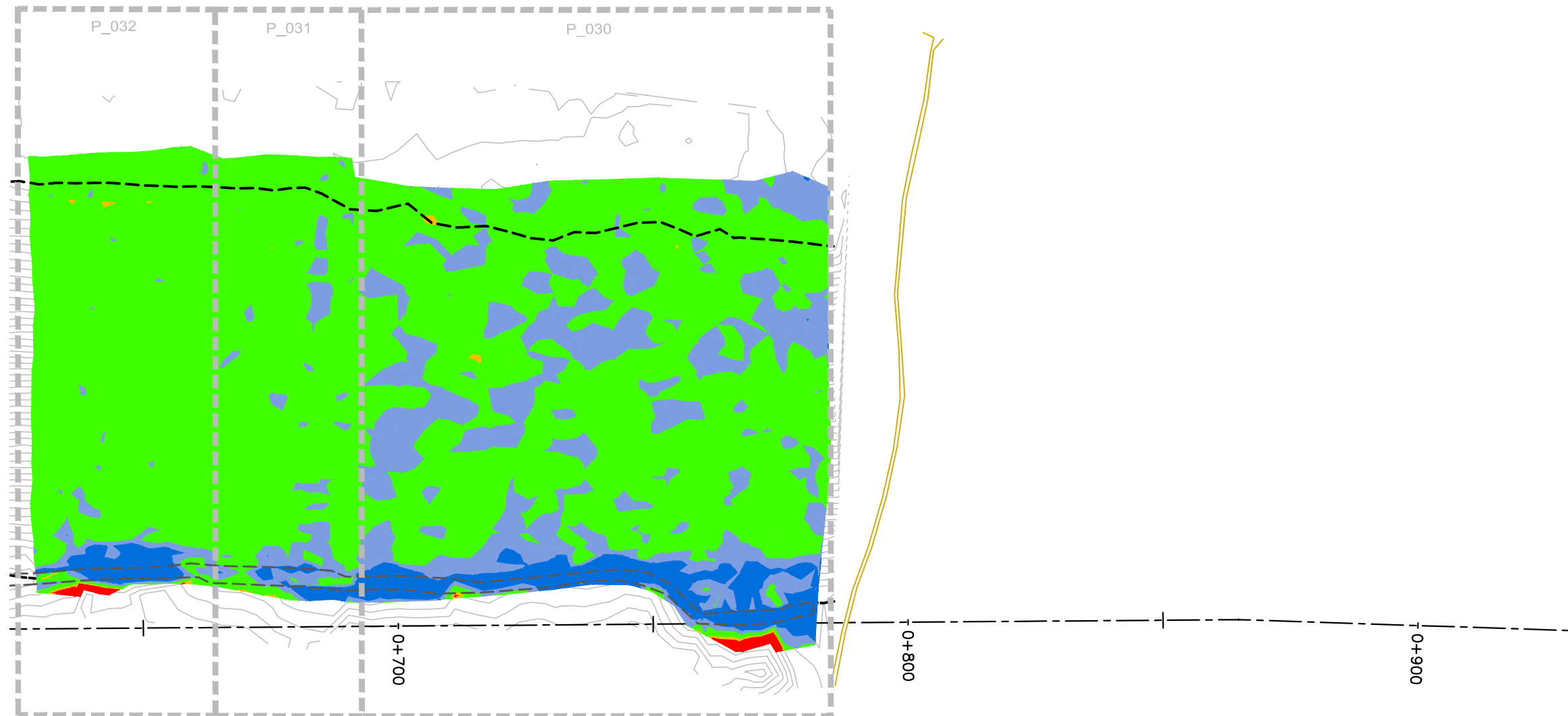
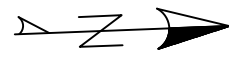
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(JULY 14, 2022 SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	█
0.40m to 0.45m	█
0.45m to 0.60m	█
0.60m to 0.70m	█
> 0.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 15, 2022

DRAWN JTS

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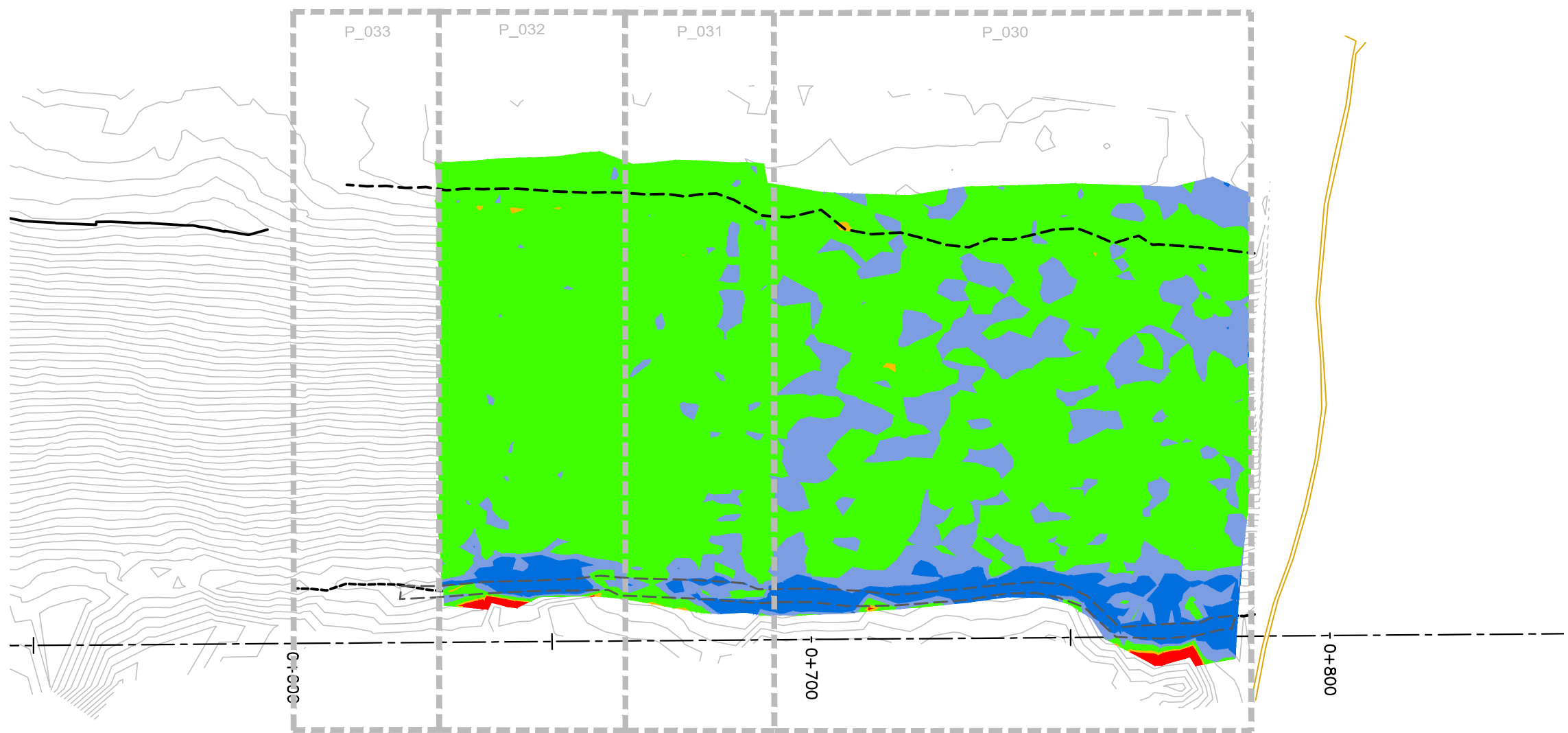
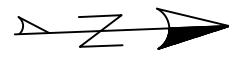
SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP

(JULY 15, 2022 SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 16, 2022

DRAWN JTS

CHECKED

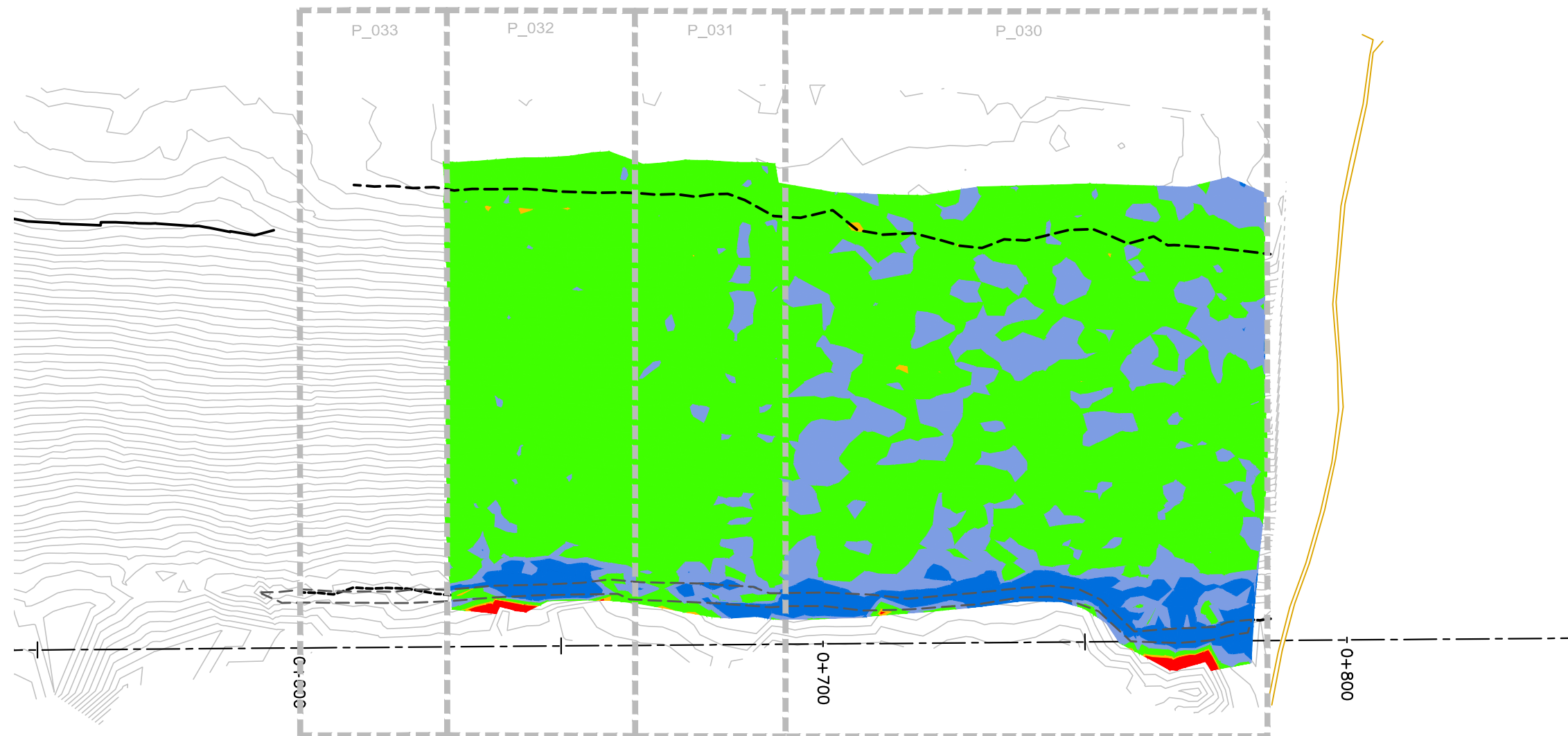
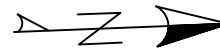
SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP

(JULY 16, 2022, SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 17, 2022

DRAWN JTS

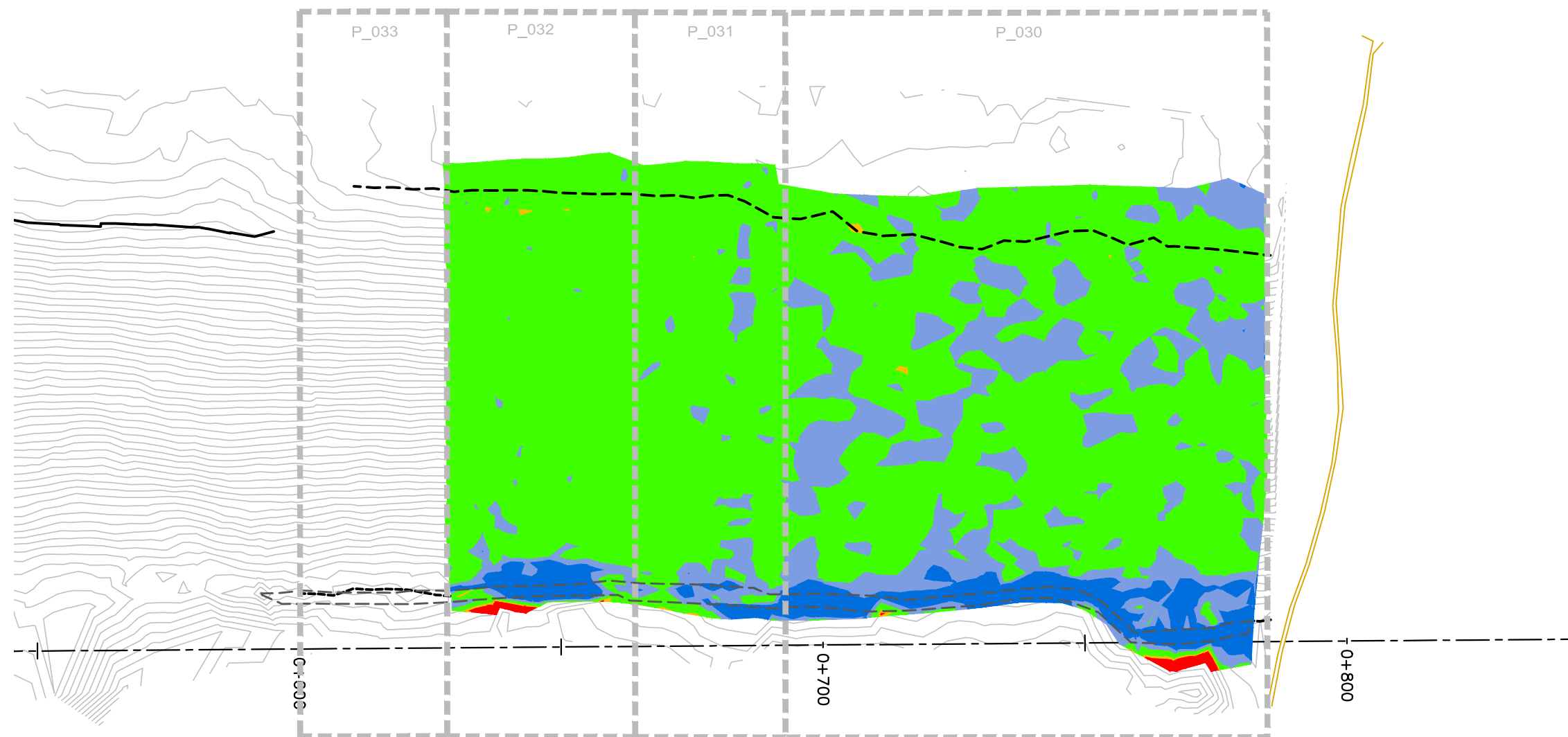
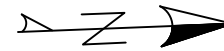
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(JULY 17, 2022 SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 21, 2022

DRAWN JTS

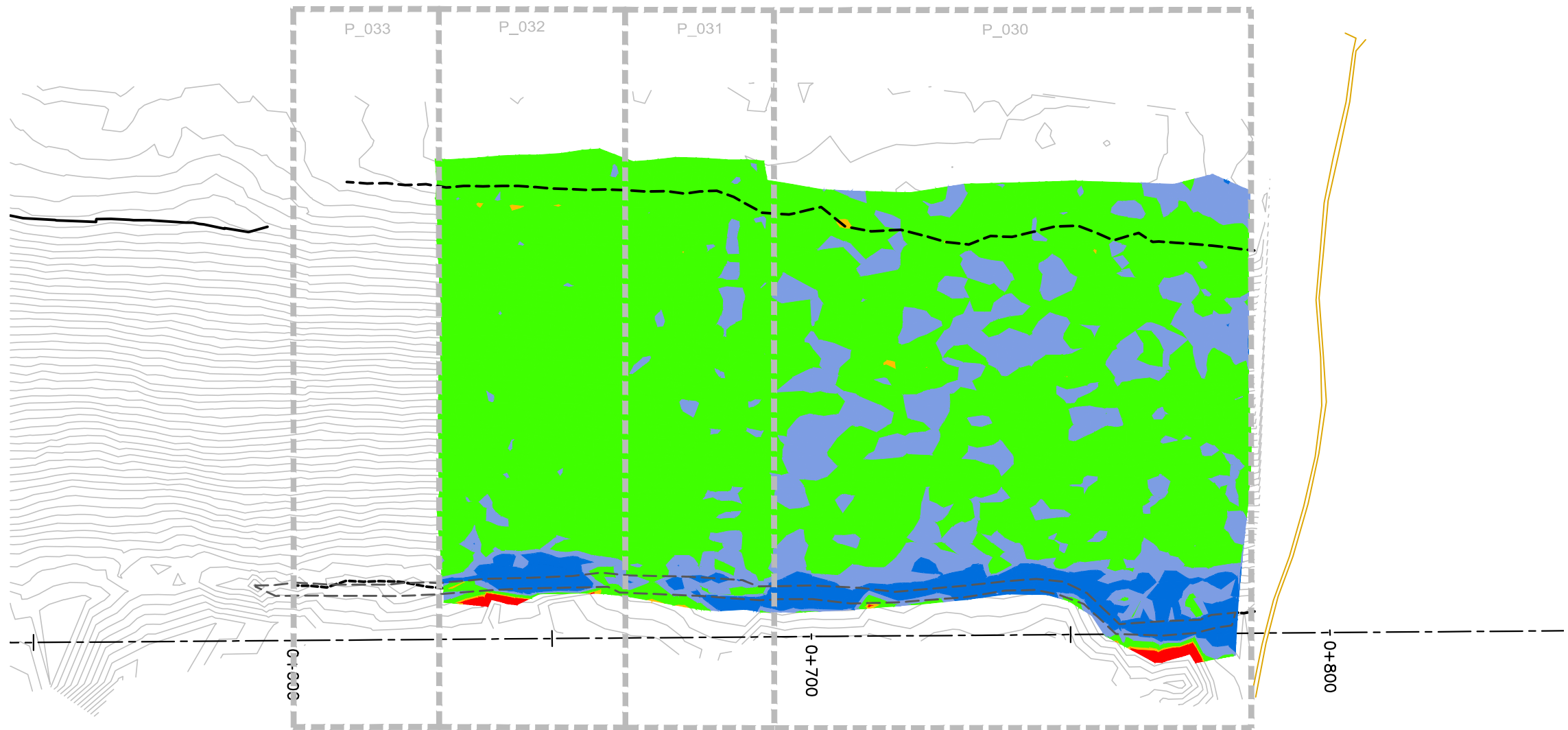
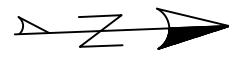
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(JULY 21, 2022 SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	█
0.40m to 0.45m	█
0.45m to 0.60m	█
0.60m to 0.70m	█
> 0.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 22, 2022

DRAWN JTS

CHECKED

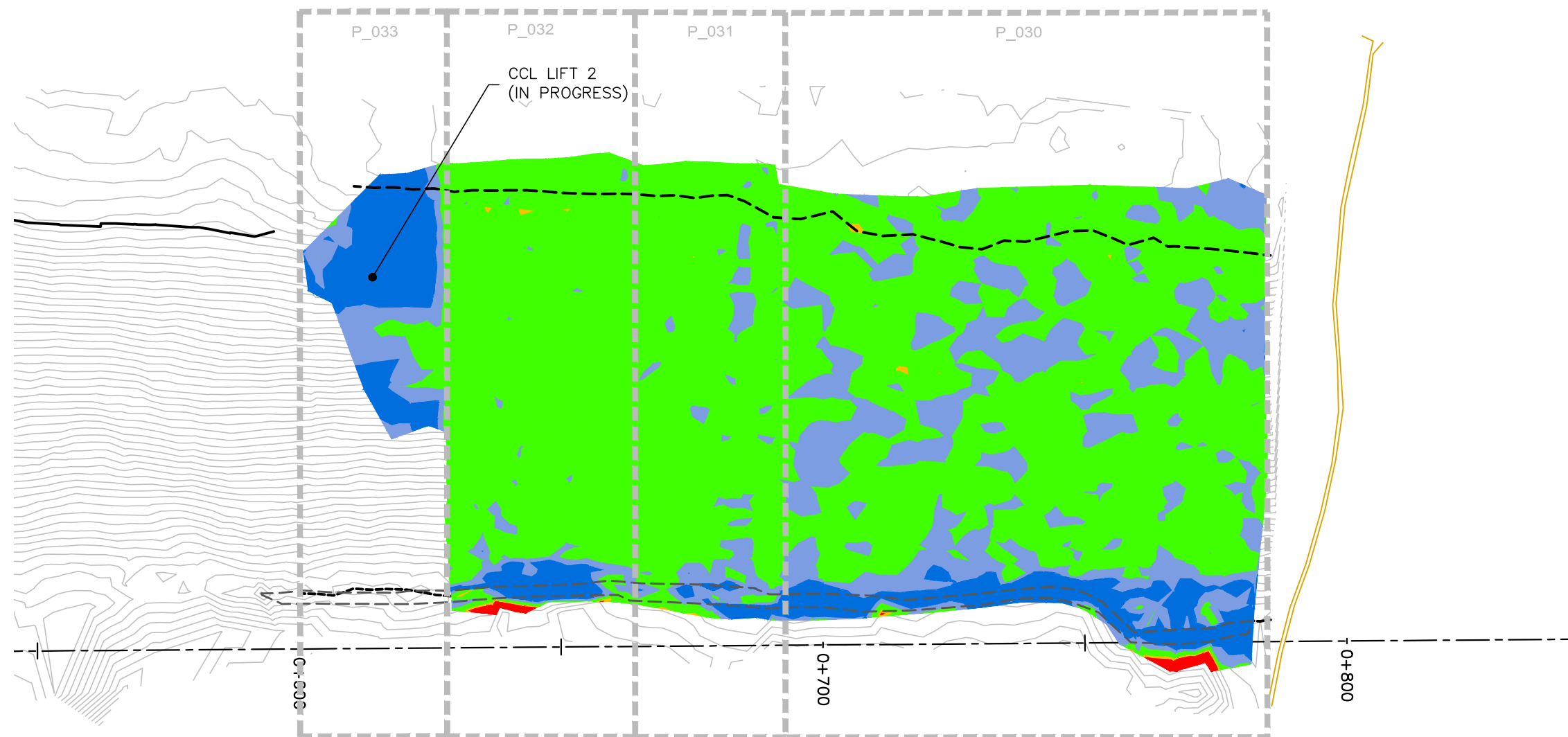
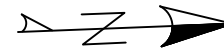
SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION — CCL HEAT MAP

(JULY 22, 2022) SCALE: N.T.S.

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	█
0.40m to 0.45m	█
0.45m to 0.60m	█
0.60m to 0.70m	█
> 0.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 25, 2022

DRAWN JTS

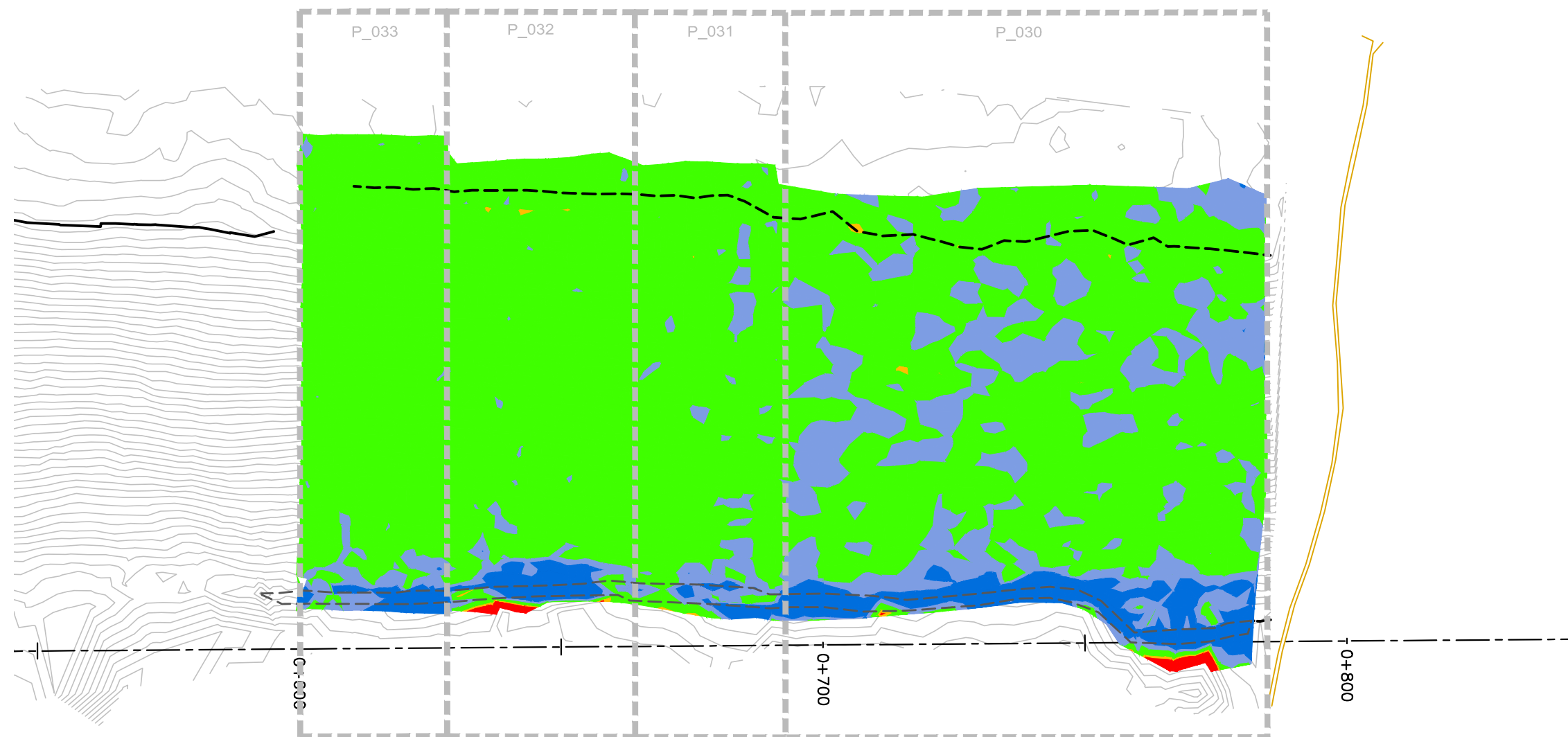
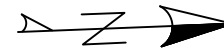
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(JULY 25, 2022 SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	■
0.40m to 0.45m	■
0.45m to 0.60m	■
0.60m to 0.70m	■
> 0.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 29, 2022

DRAWN JTS

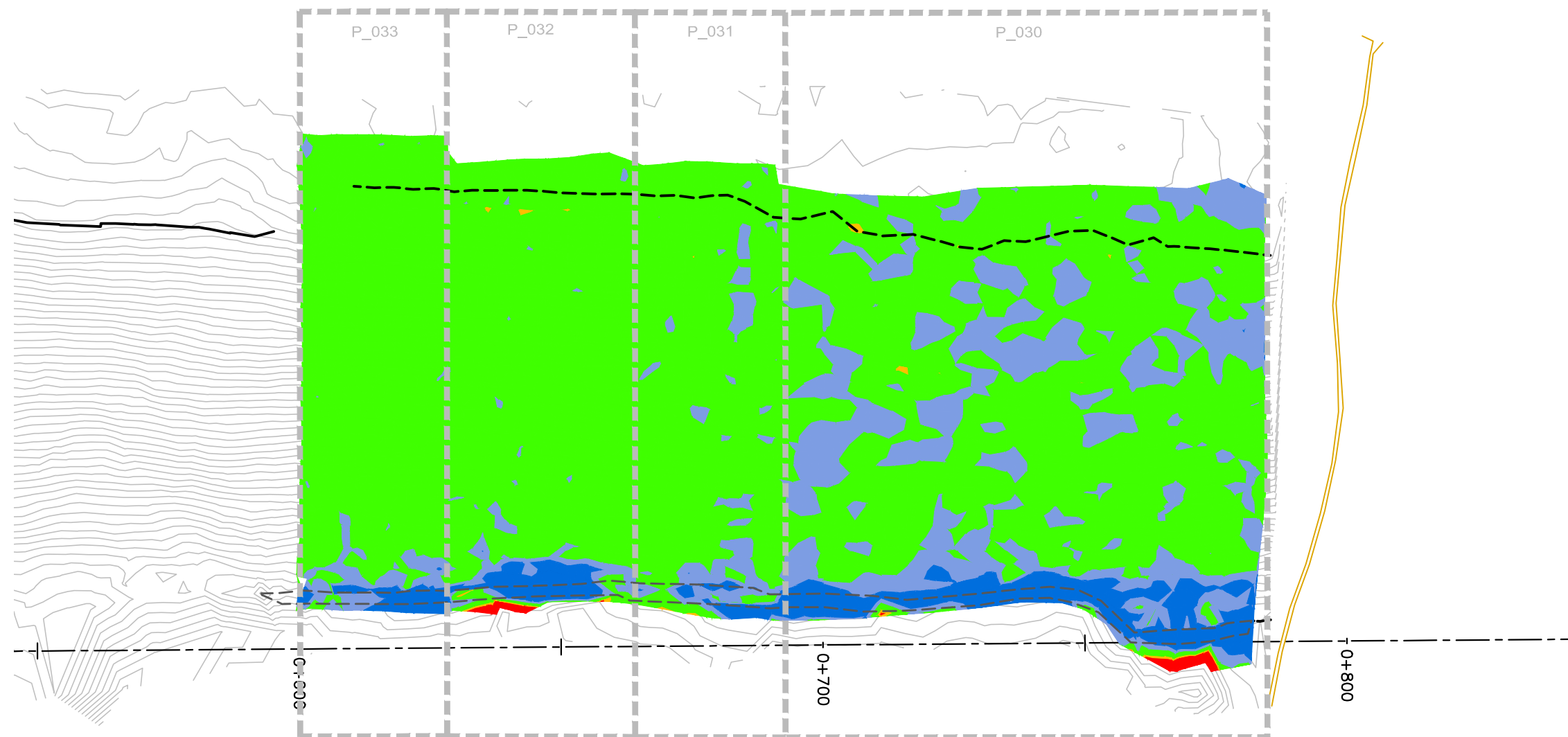
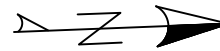
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(JULY 29, 2022 SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	█
0.40m to 0.45m	█
0.45m to 0.60m	█
0.60m to 0.70m	█
> 0.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 30, 2022

DRAWN JTS

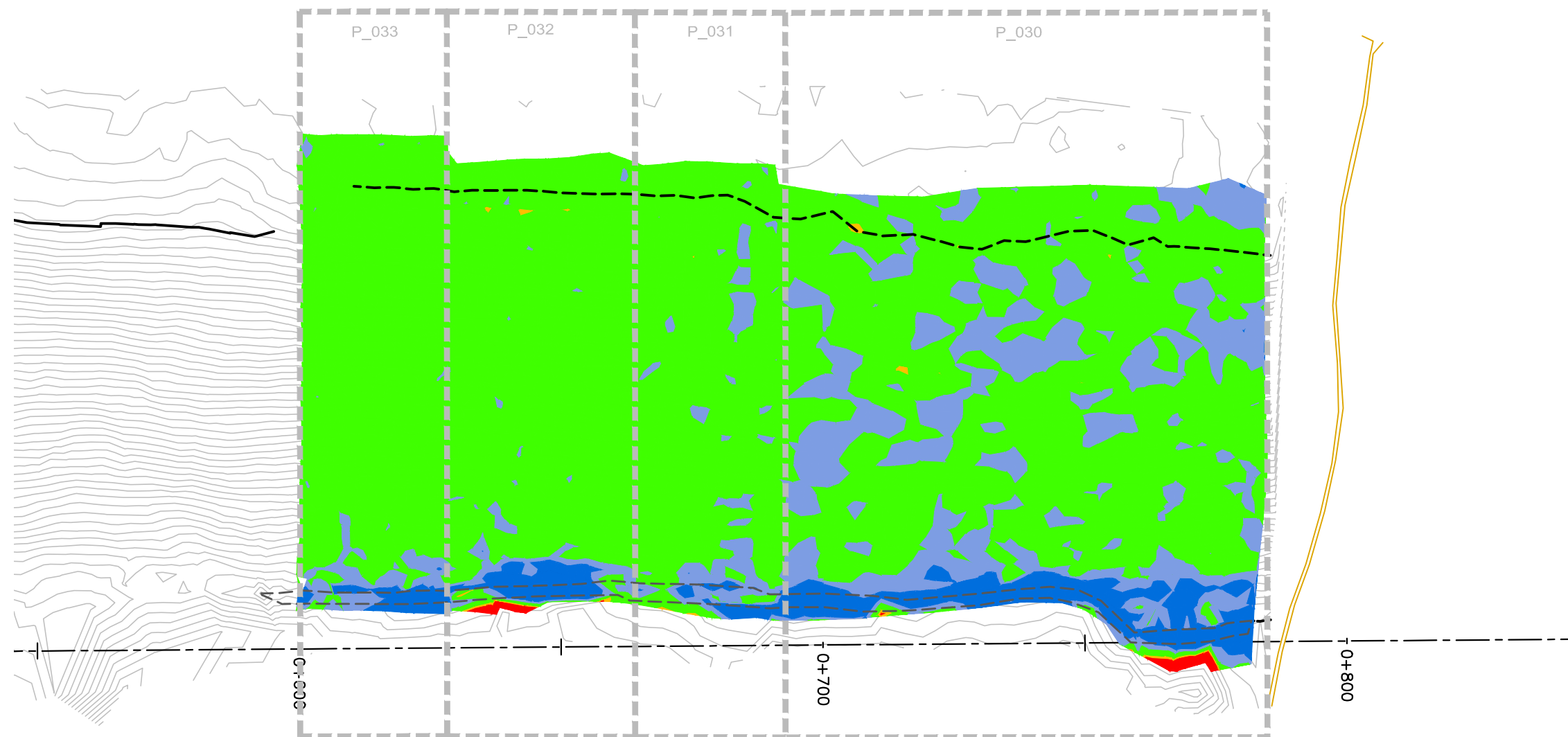
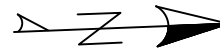
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(JULY 30, 2022 SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	█
0.40m to 0.45m	█
0.45m to 0.60m	█
0.60m to 0.70m	█
> 0.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE JULY 31, 2022

DRAWN JTS

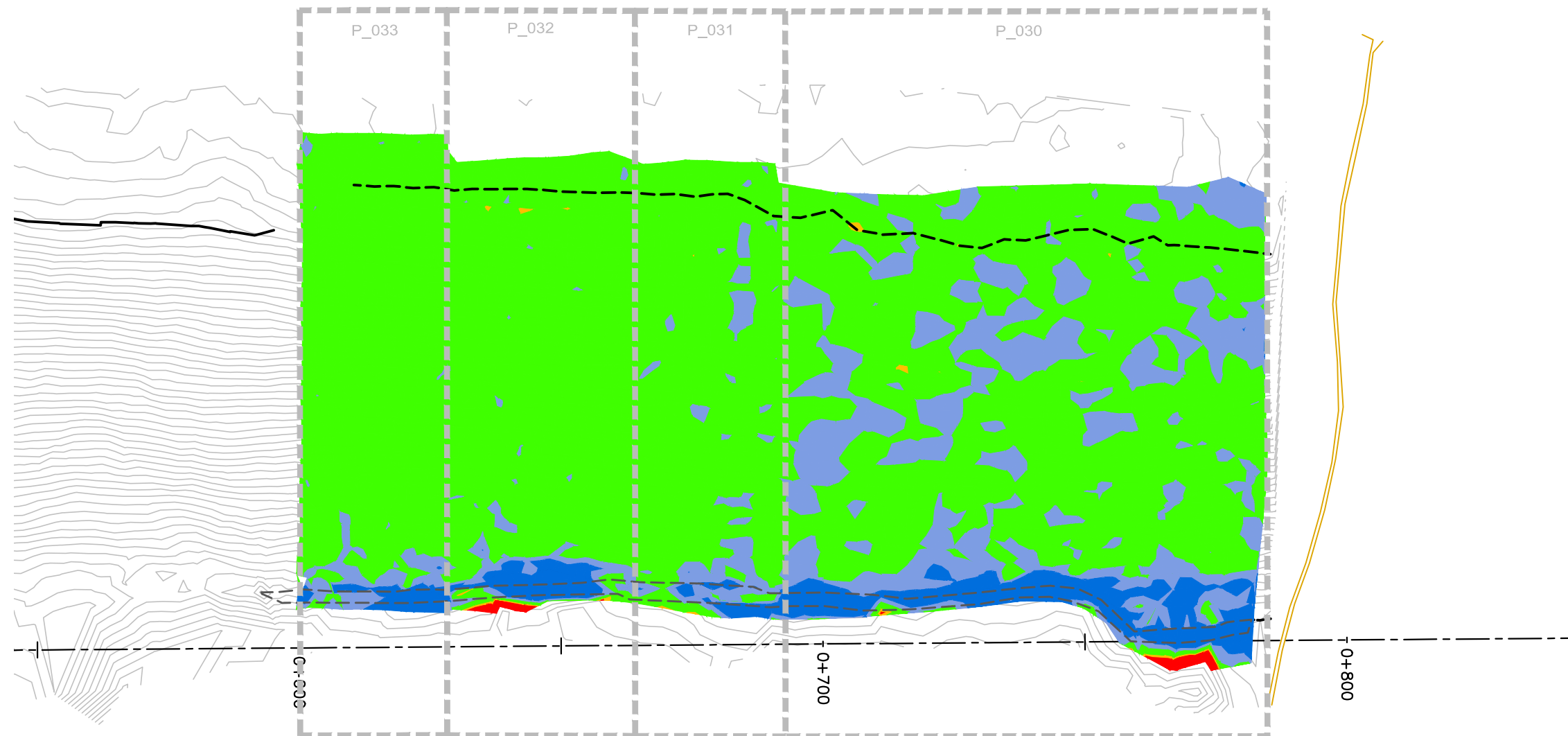
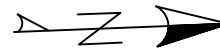
CHECKED

SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(JULY 31, 2022 SCALE: N.T.S.)

NOTE:
CCL HEATMAP GENERATED USING COMPARISON
BETWEEN CCL LIFT 2 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 0.40m	█
0.40m to 0.45m	█
0.45m to 0.60m	█
0.60m to 0.70m	█
> 0.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
CCL
HEAT MAP

DATE AUG 2, 2022

DRAWN JTS

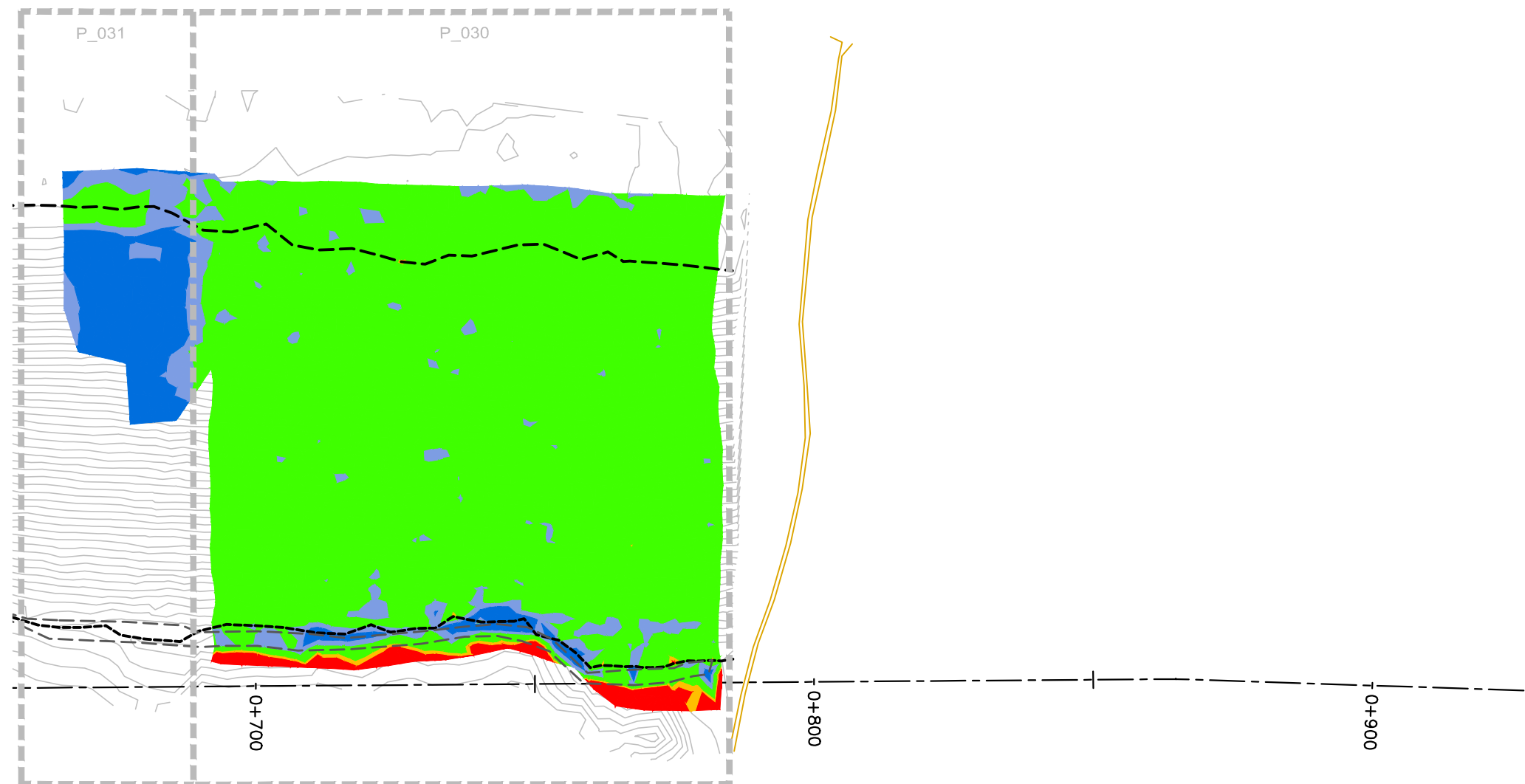
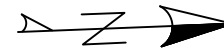
CHECKED

SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-1	19-1138	119

EMRS RECLAMATION – CCL HEAT MAP
(AUG 2, 2022) SCALE: N.T.S.

NOTE:
NCL HEATMAP GENERATED USING COMPARISON
BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 1.40m	█
1.40m to 1.45m	█
1.45m to 1.60m	█
1.60m to 1.70m	█
> 1.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

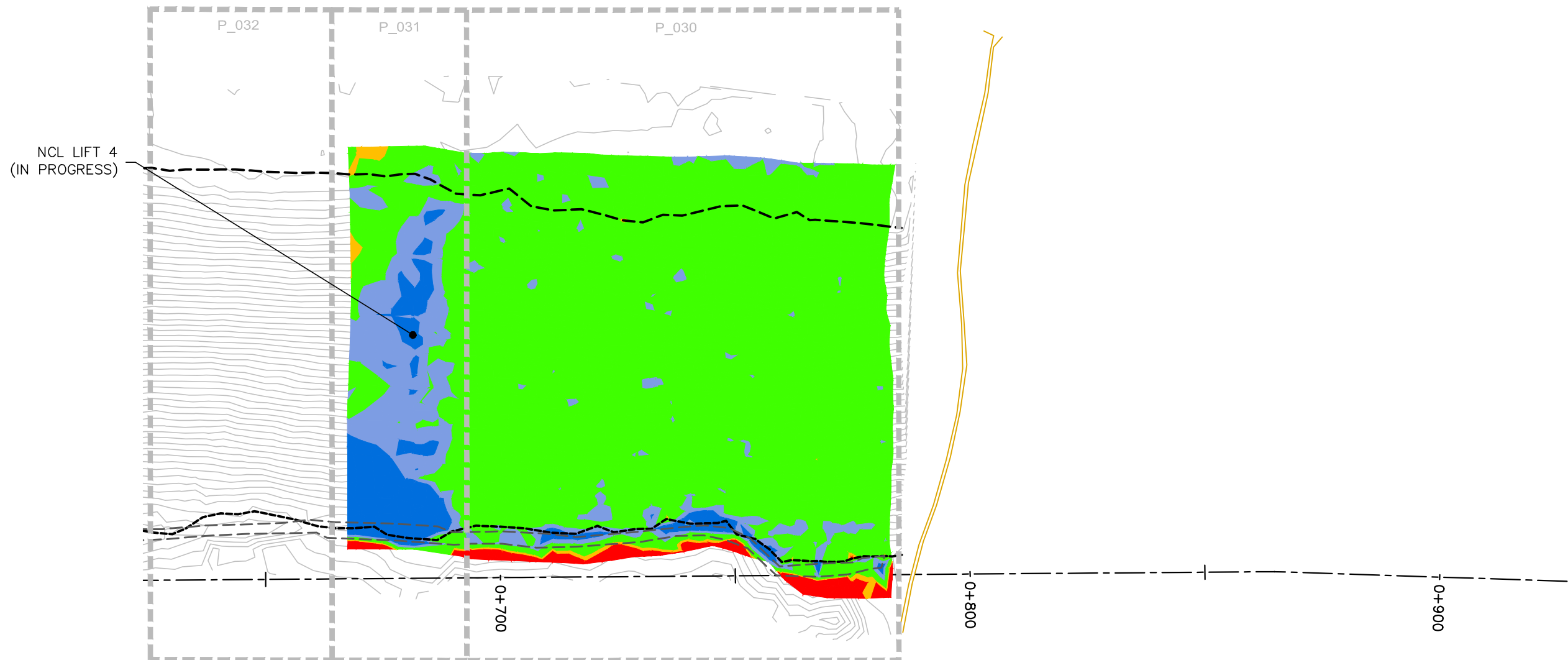
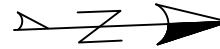
PURPOSE
NCL
HEAT MAP

DATE JULY 10, 2022
DRAWN JTS
CHECKED
SCALE NTS

DWG. No. PROJECT No. PHASE No.
H-2 19-1138 119

EMRS RECLAMATION – NCL HEAT MAP
(JULY 10, 2022 SCALE: N.T.S.)

NOTE:
NCL HEATMAP GENERATED USING COMPARISON
BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 1.40m	■
1.40m to 1.45m	■
1.45m to 1.60m	■
1.60m to 1.70m	■
> 1.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
NCL
HEAT MAP

DATE JULY 14, 2022

DRAWN JTS

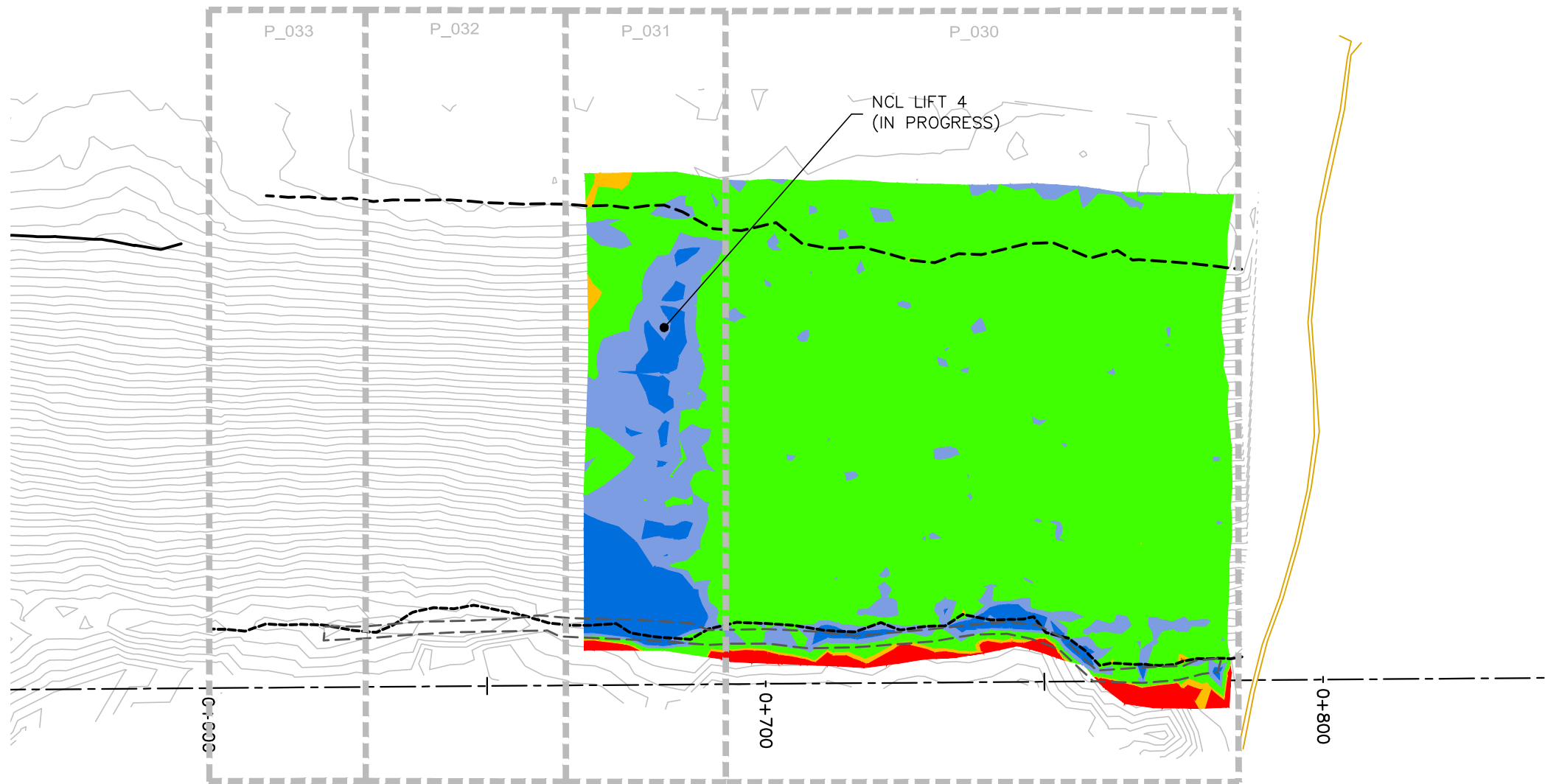
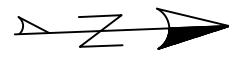
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-2	19-1138	119

EMRS RECLAMATION – NCL HEAT MAP
(JULY 14, 2022 SCALE: N.T.S.)

NOTE:
NCL HEATMAP GENERATED USING COMPARISON
BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 1.40m	█
1.40m to 1.45m	█
1.45m to 1.60m	█
1.60m to 1.70m	█
> 1.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
NCL
HEAT MAP

DATE JULY 16, 2022

DRAWN JTS

CHECKED

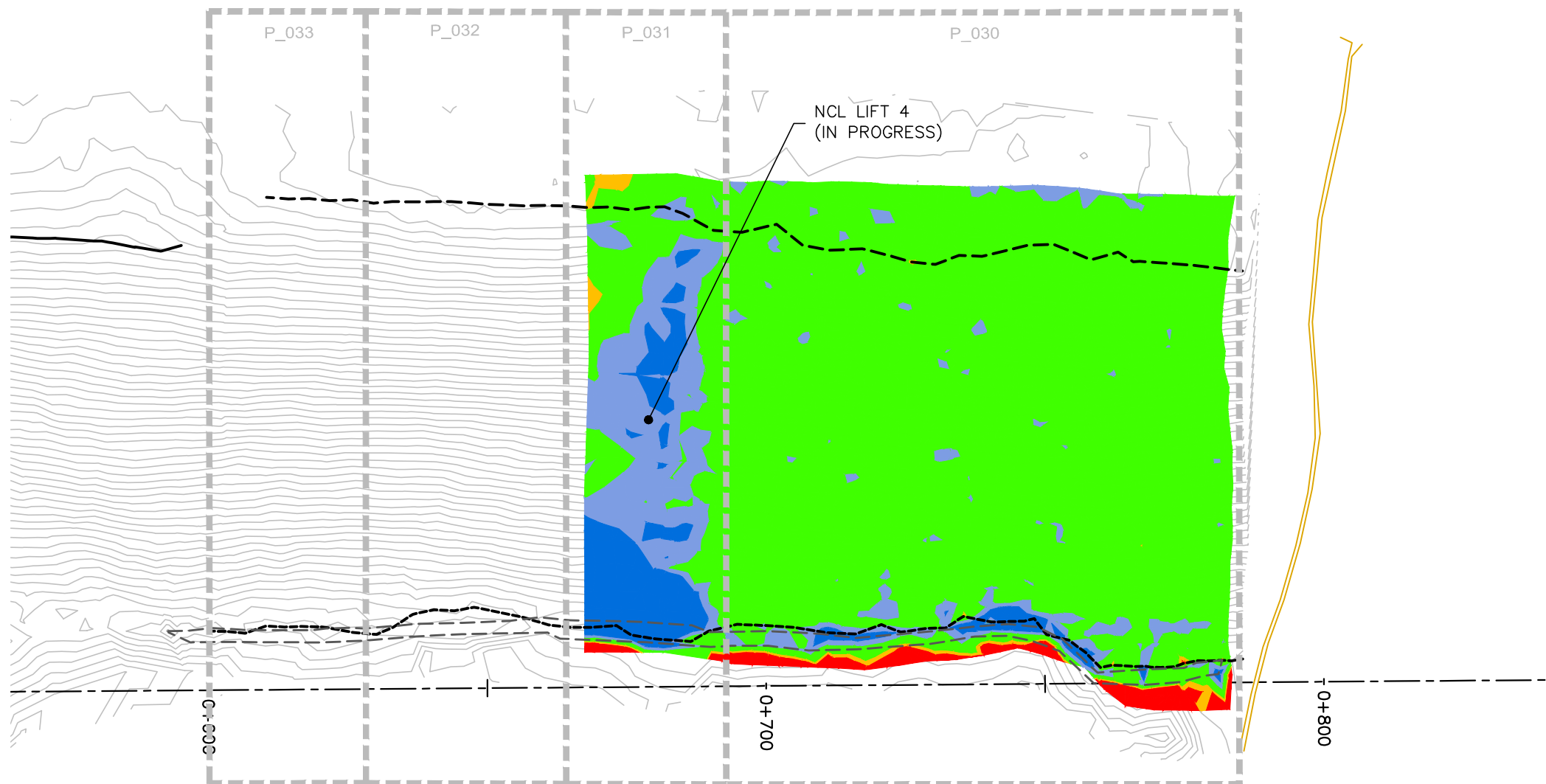
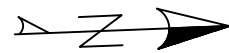
SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-2	19-1138	119

EMRS RECLAMATION — NCL HEAT MAP

(JULY 16, 2022) SCALE: N.T.S.

NOTE:
NCL HEATMAP GENERATED USING COMPARISON
BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 1.40m	█
1.40m to 1.45m	█
1.45m to 1.60m	█
1.60m to 1.70m	█
> 1.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
NCL
HEAT MAP

DATE JULY 17, 2022

DRAWN JTS

CHECKED

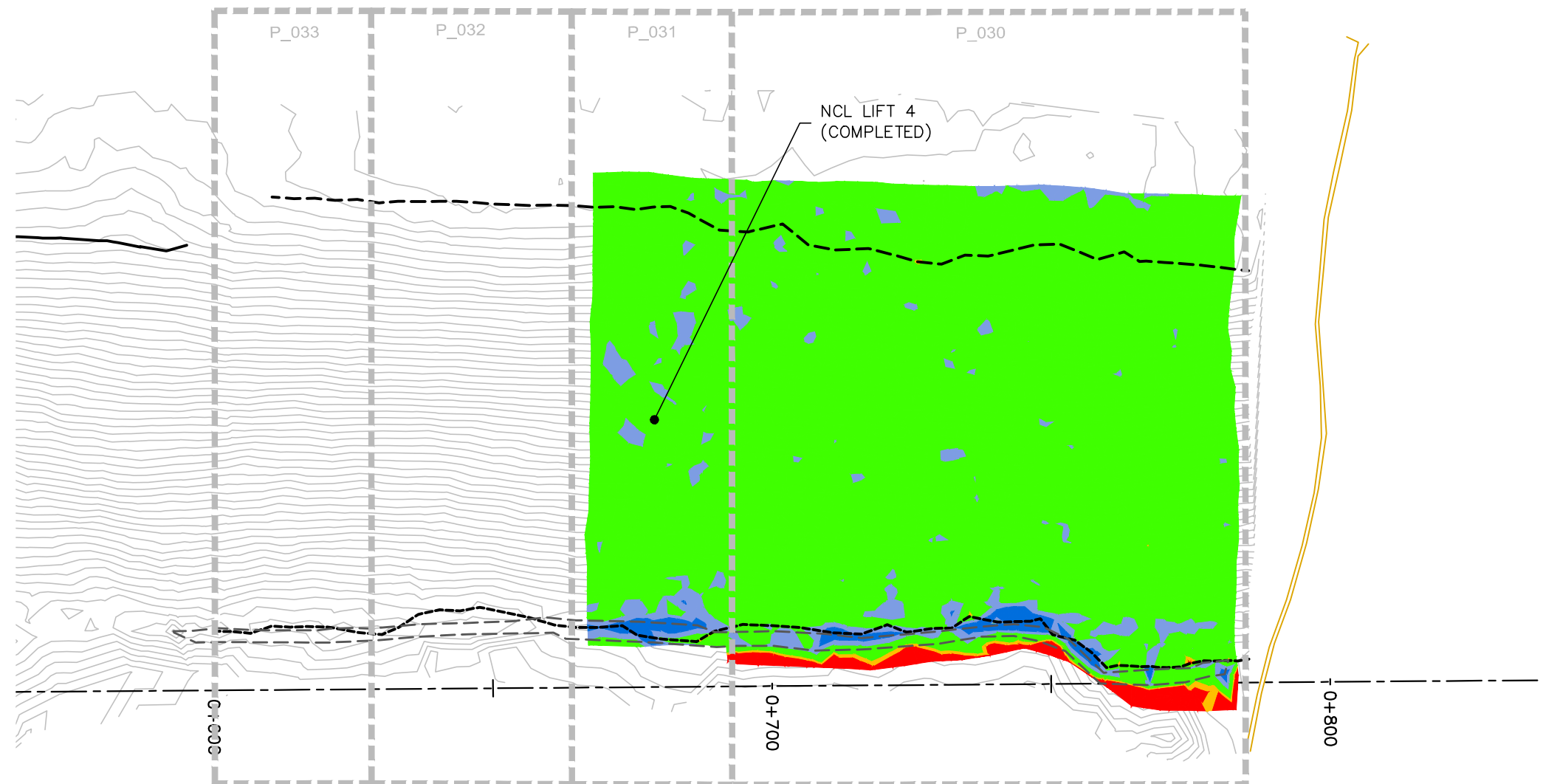
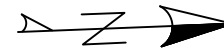
SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-2	19-1138	119

EMRS RECLAMATION — NCL HEAT MAP

(JULY 17, 2022) SCALE: N.T.S.

NOTE:
NCL HEATMAP GENERATED USING COMPARISON
BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 1.40m	■
1.40m to 1.45m	■
1.45m to 1.60m	■
1.60m to 1.70m	■
> 1.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
NCL
HEAT MAP

DATE JULY 21, 2022

DRAWN JTS

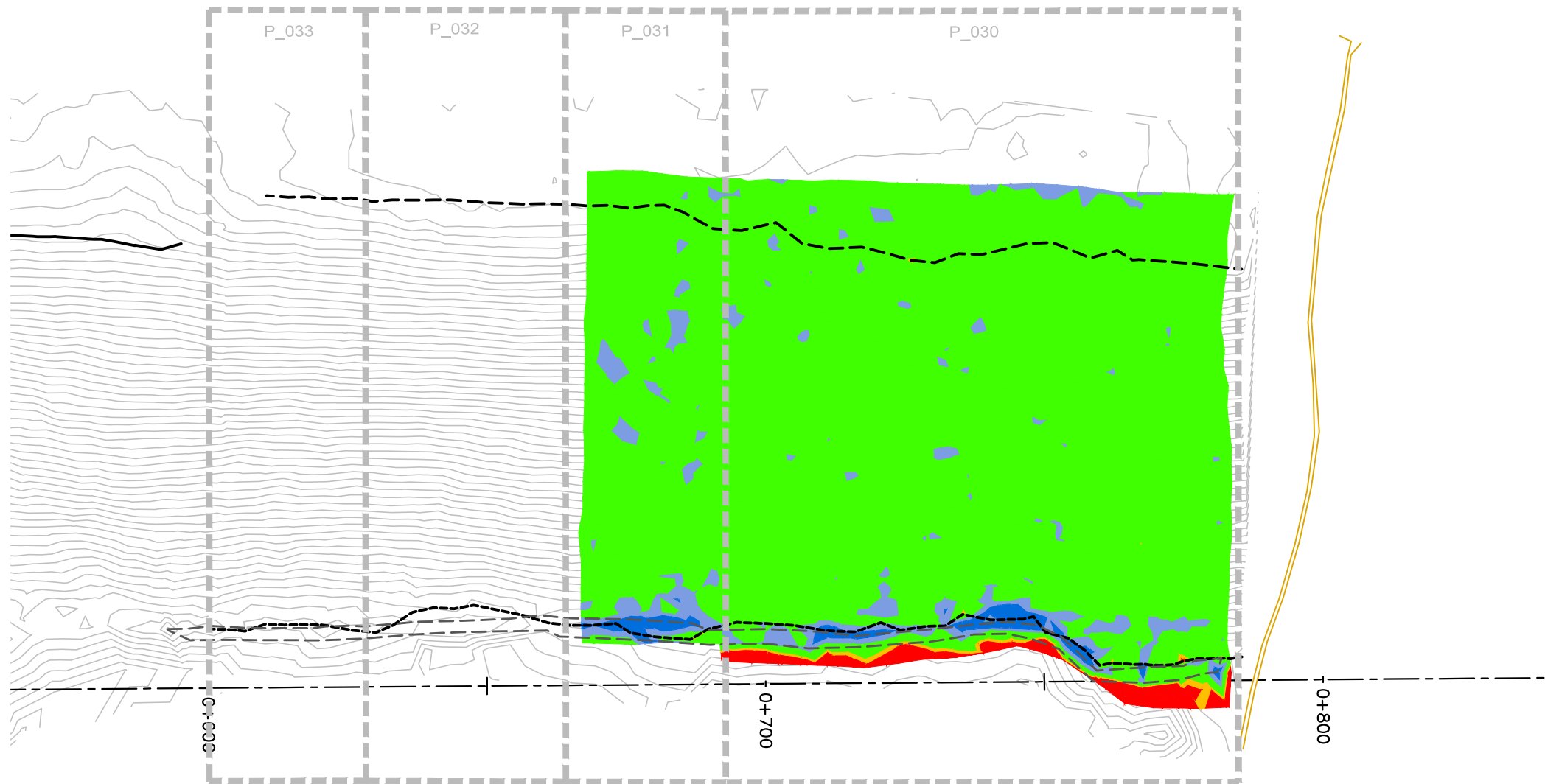
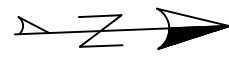
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-2	19-1138	119

EMRS RECLAMATION – NCL HEAT MAP
(JULY 21, 2022 SCALE: N.T.S.)

NOTE:
NCL HEATMAP GENERATED USING COMPARISON
BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 1.40m	■
1.40m to 1.45m	■
1.45m to 1.60m	■
1.60m to 1.70m	■
> 1.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
8 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
NCL
HEAT MAP

DATE JULY 22, 2022

DRAWN JTS

CHECKED

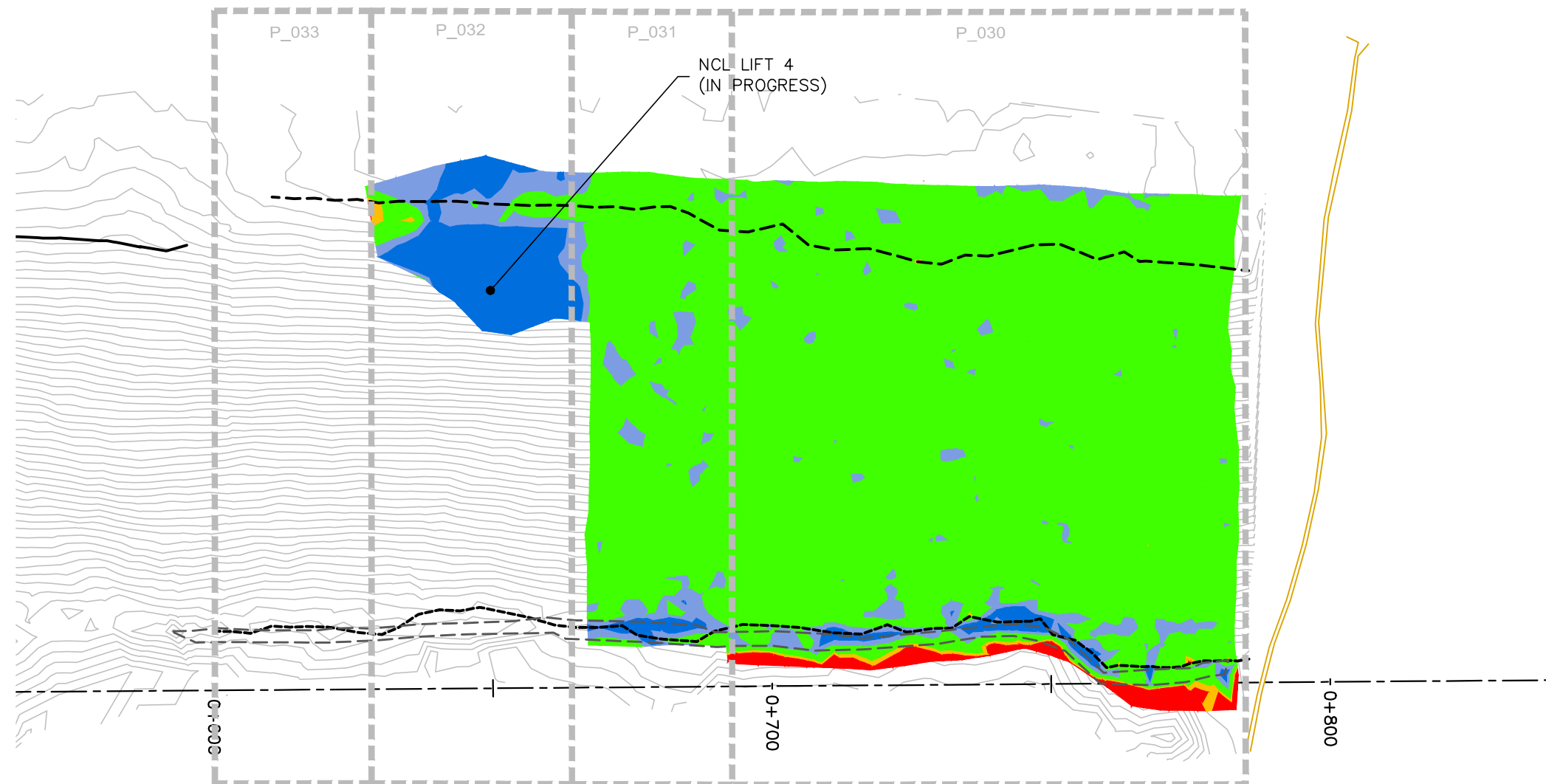
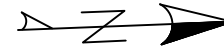
SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-2	19-1138	119

EMRS RECLAMATION — NCL HEAT MAP

(JULY 22, 2022) SCALE: N.T.S.

NOTE:
NCL HEATMAP GENERATED USING COMPARISON
BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 1.40m	■
1.40m to 1.45m	■
1.45m to 1.60m	■
1.60m to 1.70m	■
> 1.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
NCL
HEAT MAP

DATE JULY 25, 2022

DRAWN JTS

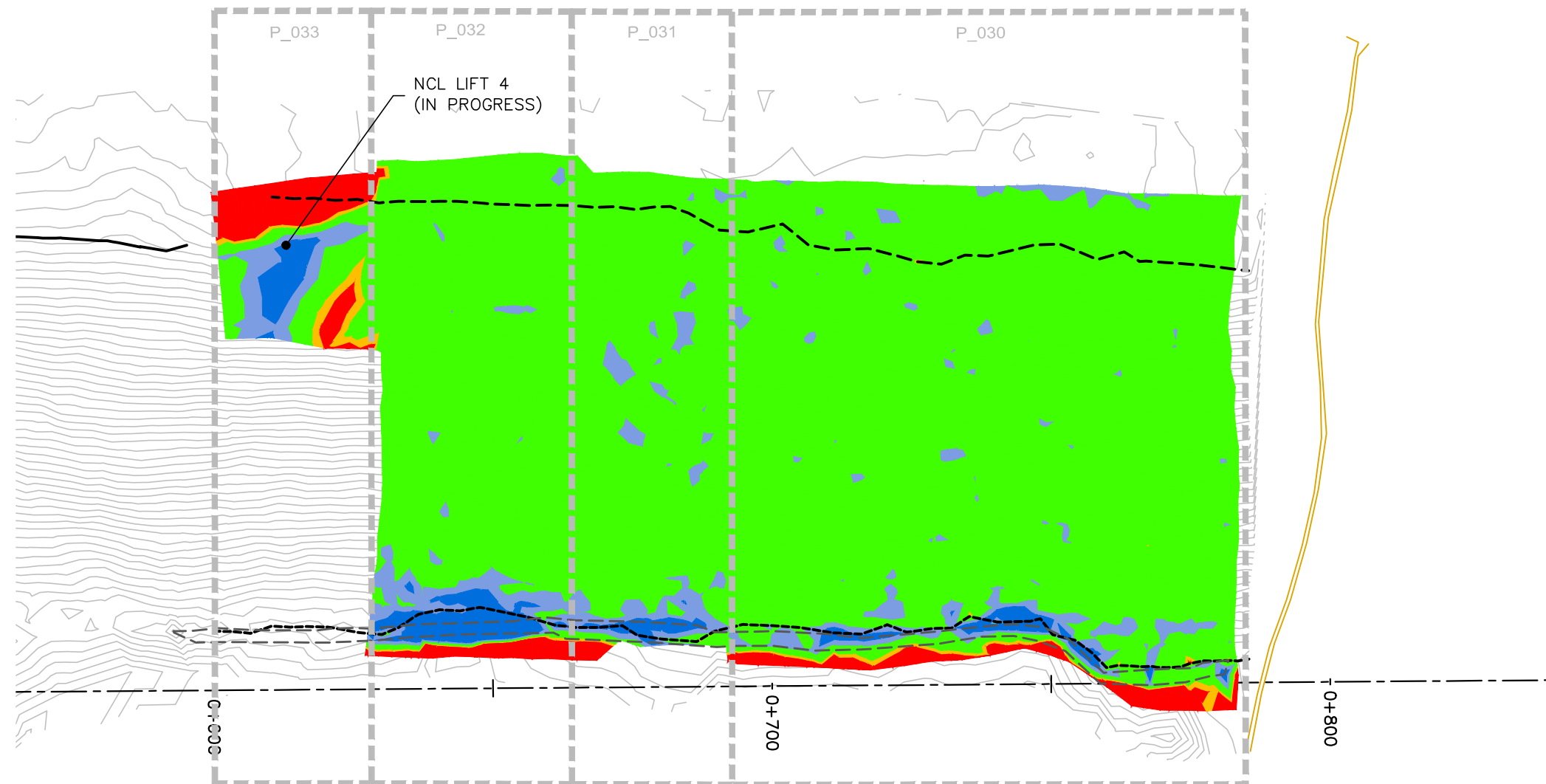
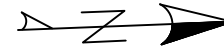
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-2	19-1138	119

EMRS RECLAMATION – NCL HEAT MAP
(JULY 25, 2022 SCALE: N.T.S.)

NOTE:
NCL HEATMAP GENERATED USING COMPARISON
BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 1.40m	█
1.40m to 1.45m	█
1.45m to 1.60m	█
1.60m to 1.70m	█
> 1.70m	█

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
NCL
HEAT MAP

DATE JULY 30, 2022

DRAWN JTS

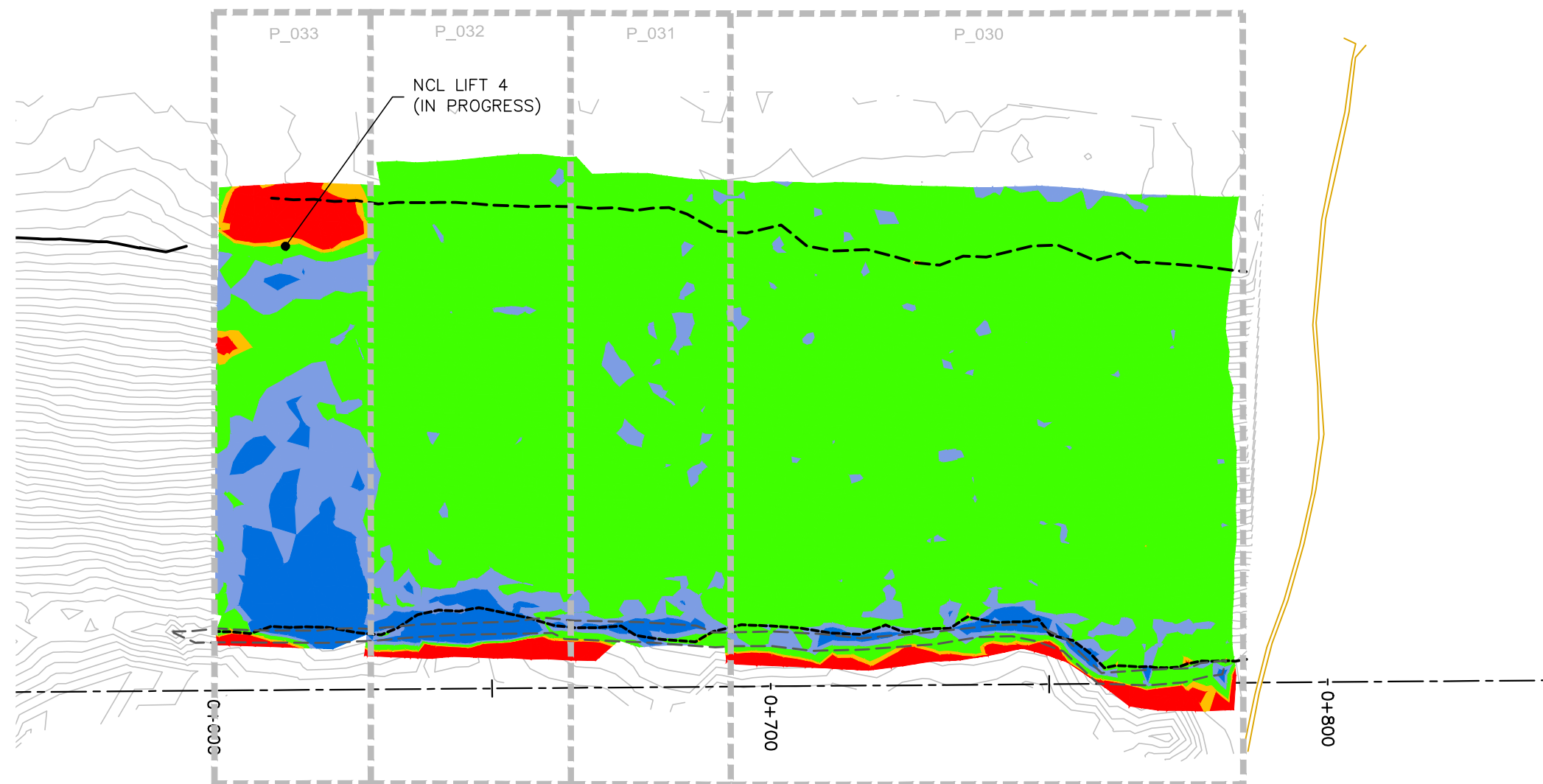
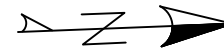
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SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-2	19-1138	119

EMRS RECLAMATION – NCL HEAT MAP
(JULY 30, 2022 SCALE: N.T.S.)

NOTE:
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BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

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< 1.40m	█
1.40m to 1.45m	█
1.45m to 1.60m	█
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North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
NCL
HEAT MAP

DATE JULY 31, 2022

DRAWN JTS

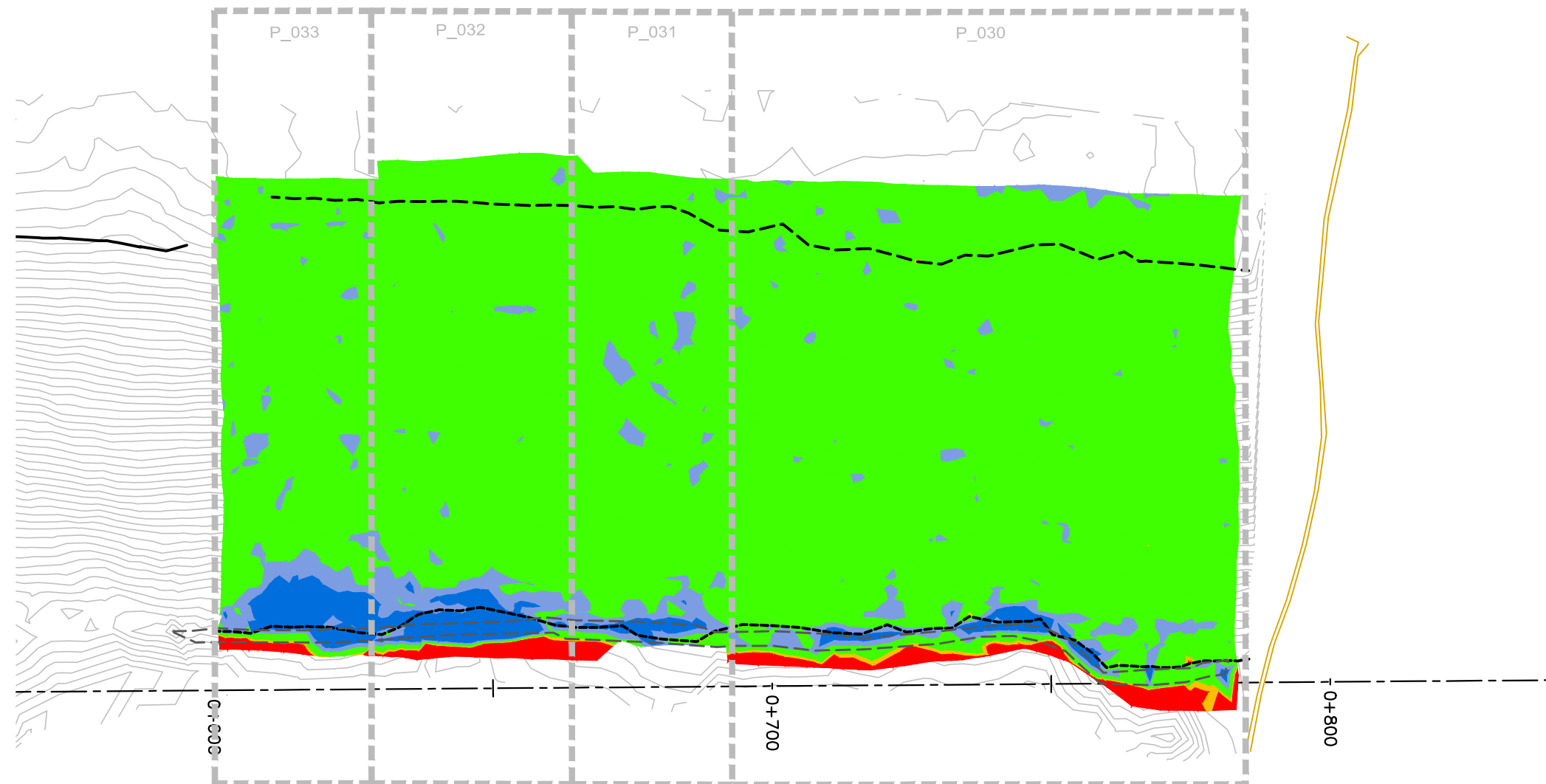
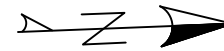
CHECKED

SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-2	19-1138	119

EMRS RECLAMATION – NCL HEAT MAP
(JULY 31, 2022 SCALE: N.T.S.)

NOTE:
NCL HEATMAP GENERATED USING COMPARISON
BETWEEN NCL LIFT 4 AND OG BASE SURVEY



REVISIONS	
DATE	REMARKS

LEGEND	
< 1.40m	■
1.40m to 1.45m	■
1.45m to 1.60m	■
1.60m to 1.70m	■
> 1.70m	■

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
NCL
HEAT MAP

DATE AUG 2, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
H-2	19-1138	119

EMRS RECLAMATION – NCL HEAT MAP
(AUG 2, 2022) SCALE: N.T.S.

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED MAY 23, 2022 = 0m³
 EXCAVATED TO DATE = 0m³

CCL LIFT 1

PLACED MAY 23, 2022 = 0m³
 PLACED TO DATE = 0m³

CCL LIFT 2

PLACED MAY 23, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 3

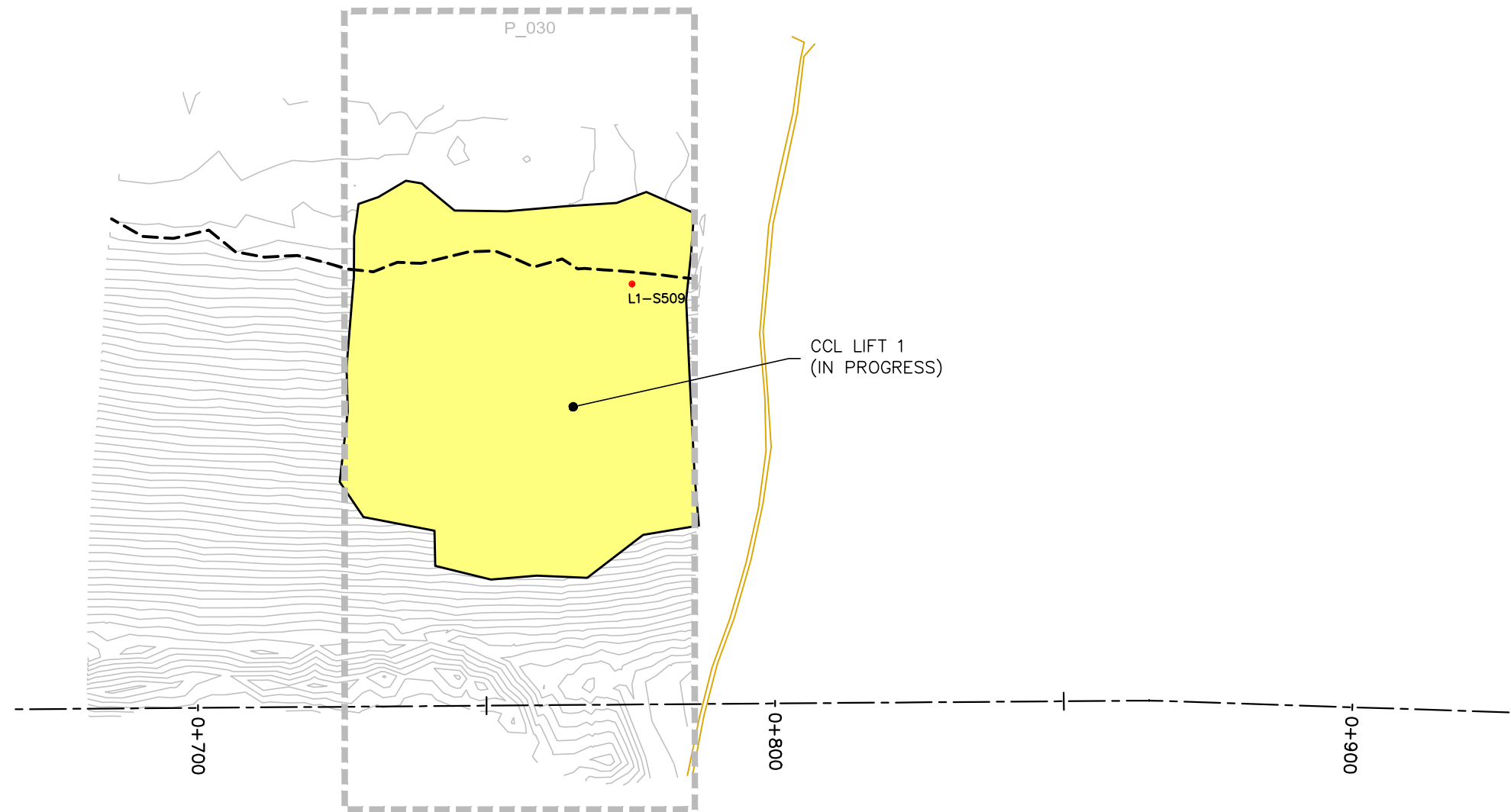
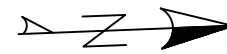
PLACED MAY 23, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED MAY 23, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

CCL COMPLETED TO DATE = 0 ha
 NCL COMPLETED TO DATE = 0 ha



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE MAY 23, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
 D-1 19-1138 119

EMRS RECLAMATION — DAILY PROGRESS

(MAY 23, 2022) SCALE: 1:1000

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED MAY 24, 2022 = 347m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED MAY 24, 2022 = 452m³
 PLACED TO DATE = 452m³

CCL LIFT 2

PLACED MAY 24, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 3

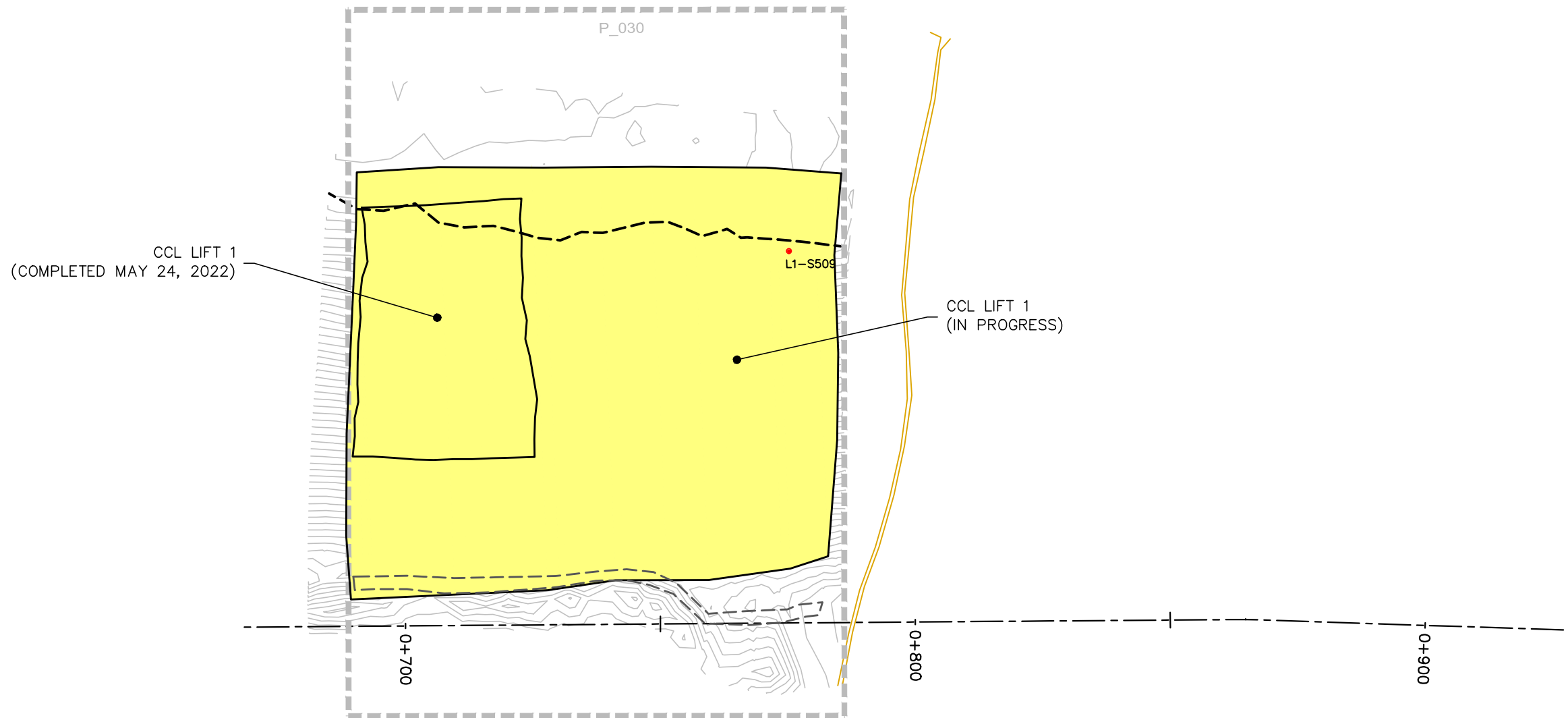
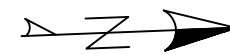
PLACED MAY 24, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED MAY 24, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

CCL COMPLETED TO DATE = 0 ha
 NCL COMPLETED TO DATE = 0 ha



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE MAY 24, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
 D-1 19-1138 119

EMRS RECLAMATION — DAILY PROGRESS

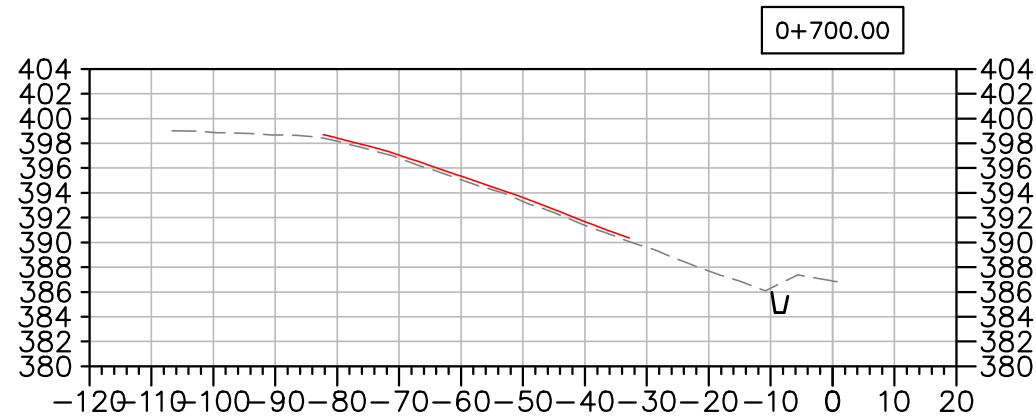
(MAY 24, 2022) SCALE: 1:1000

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 ---
- CCL LIFT #2 ---
- NCL LIFT #3 ---
- NCL LIFT #4 ---
- KEY TRENCH ---



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE
MAY 24, 2022

DRAWN
JTS

CHECKED

SCALE
NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS

(MAY 24, 2022) SCALE: N.T.S.

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED MAY 25, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED MAY 25, 2022 = 1,927m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED MAY 25, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 3

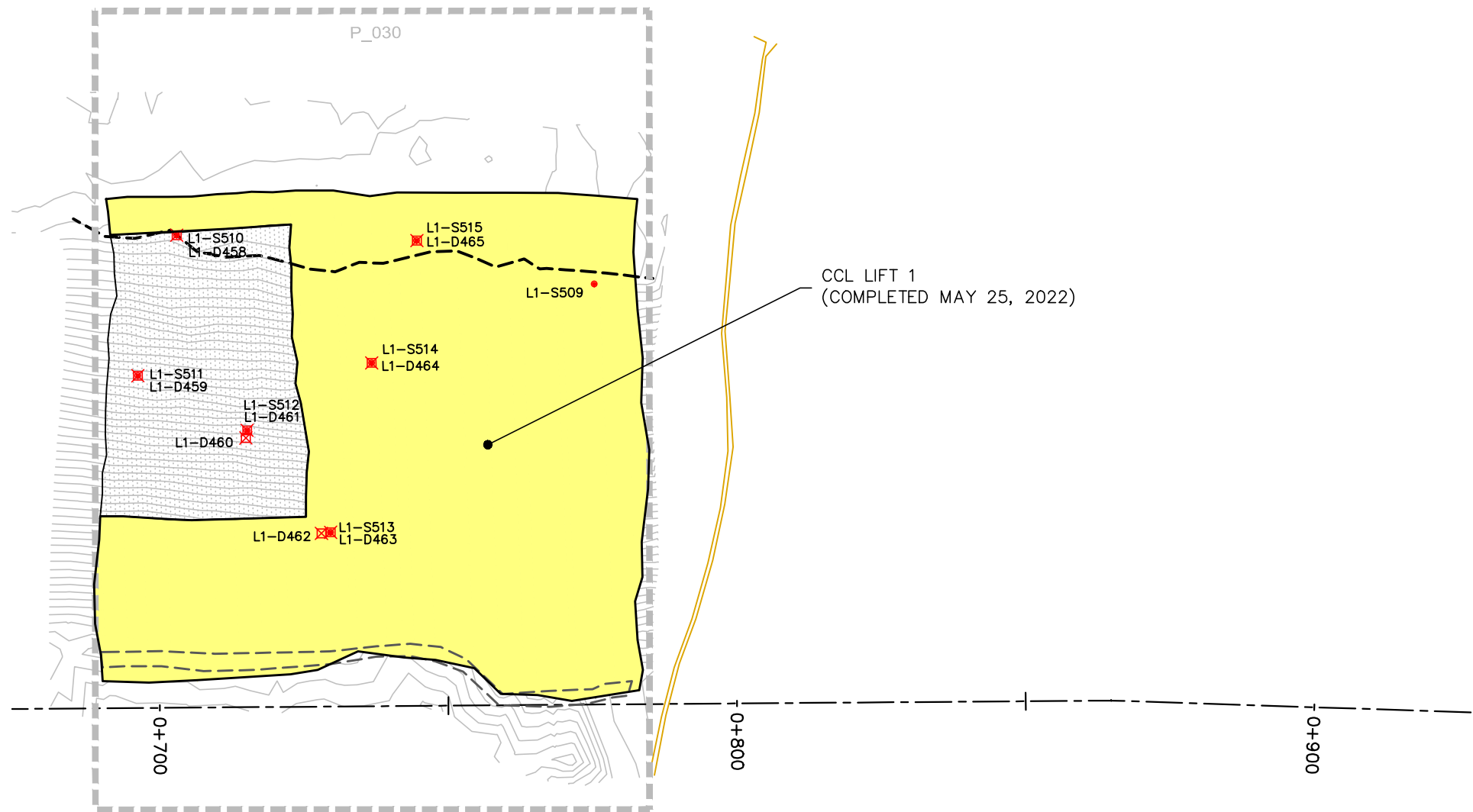
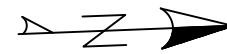
PLACED MAY 25, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED MAY 25, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

CCL COMPLETED TO DATE = 0 ha
 NCL COMPLETED TO DATE = 0 ha



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE MAY 25, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
 D-1 19-1138 119

EMRS RECLAMATION — DAILY PROGRESS

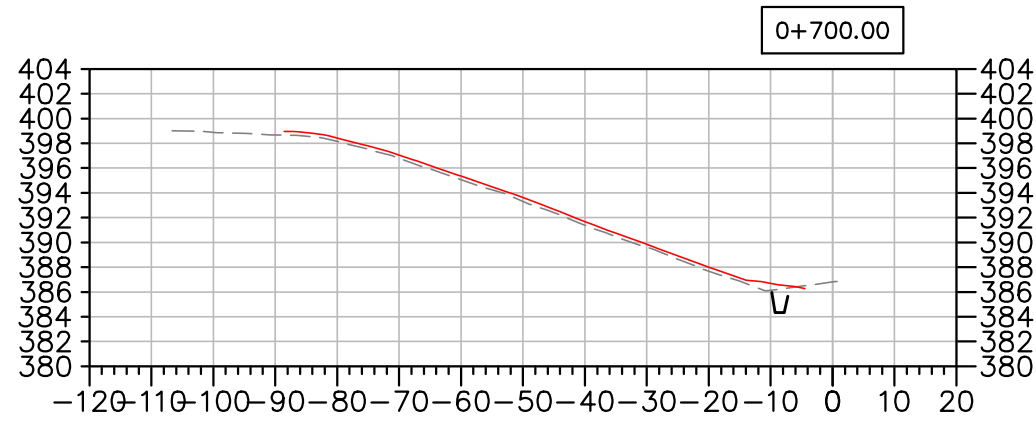
(MAY 25, 2022) SCALE: 1:1000

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 ---
- CCL LIFT #2 ---
- NCL LIFT #3 ---
- NCL LIFT #4 ---
- KEY TRENCH ---



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE
MAY 25, 2022

DRAWN
JTS

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SCALE
NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS
(MAY 25, 2022) SCALE: N.T.S.

Horizontal Datum: North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum, 1928 Adjustment, Geodetic Elevations



EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED MAY 26, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED MAY 26, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED MAY 26, 2022 = 937m³
 PLACED TO DATE = 937m³

NCL LIFT 3

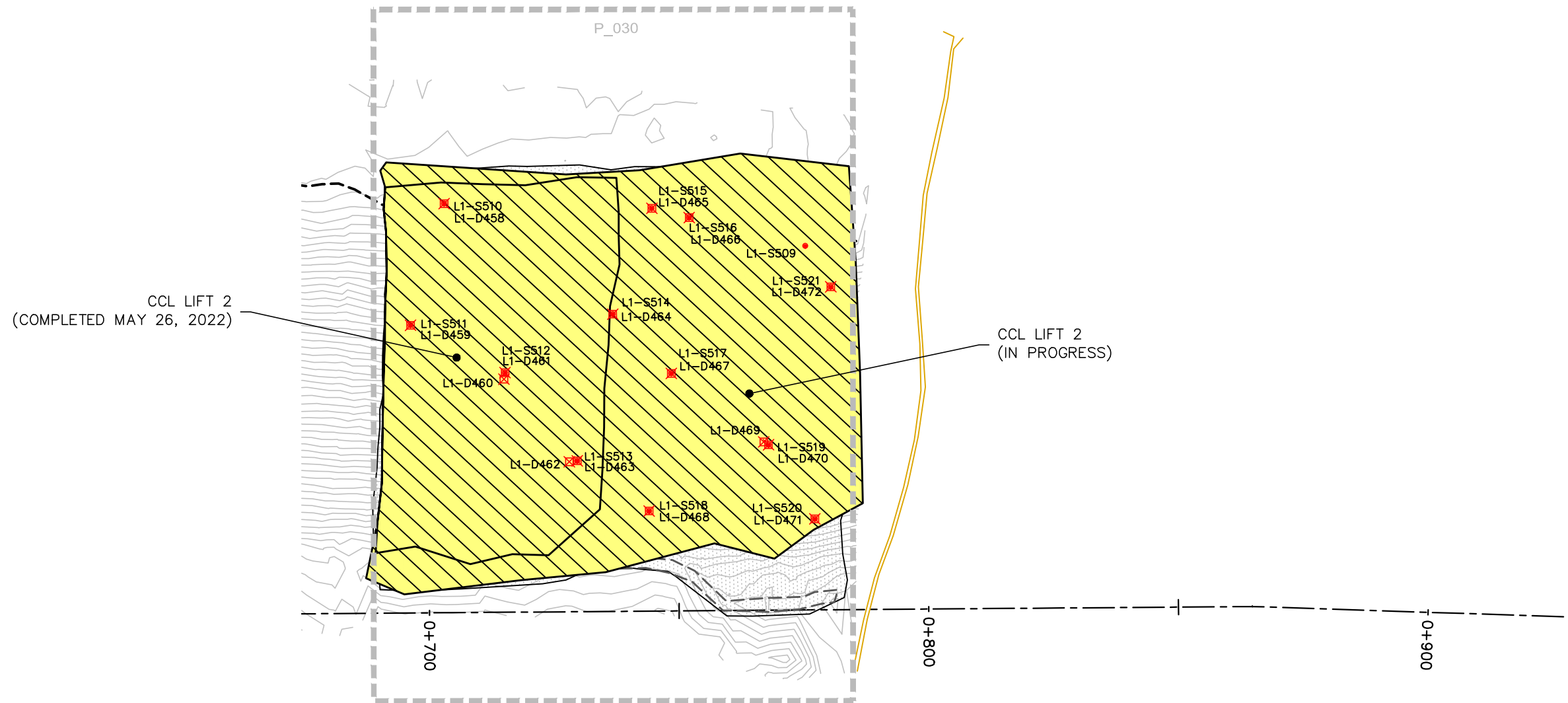
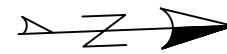
PLACED MAY 26, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED MAY 26, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

CCL COMPLETED TO DATE = 0.3363 ha
 NCL COMPLETED TO DATE = 0 ha



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE MAY 26, 2022
 DRAWN JTS
 CHECKED
 SCALE NTS

DWG. No. PROJECT No. PHASE No.
 D-1 19-1138 119

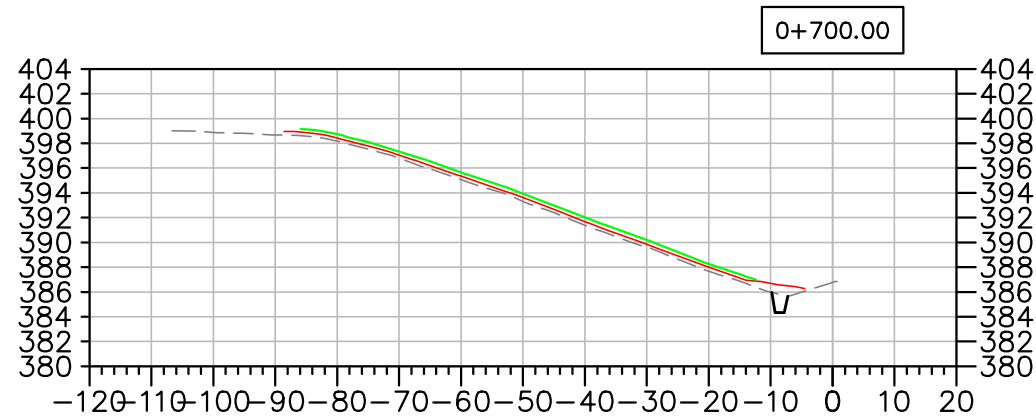
EMRS RECLAMATION — DAILY PROGRESS
 (MAY 26, 2022) SCALE: 1:1000

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE
MAY 26, 2022

DRAWN
JTS

CHECKED

SCALE
NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS

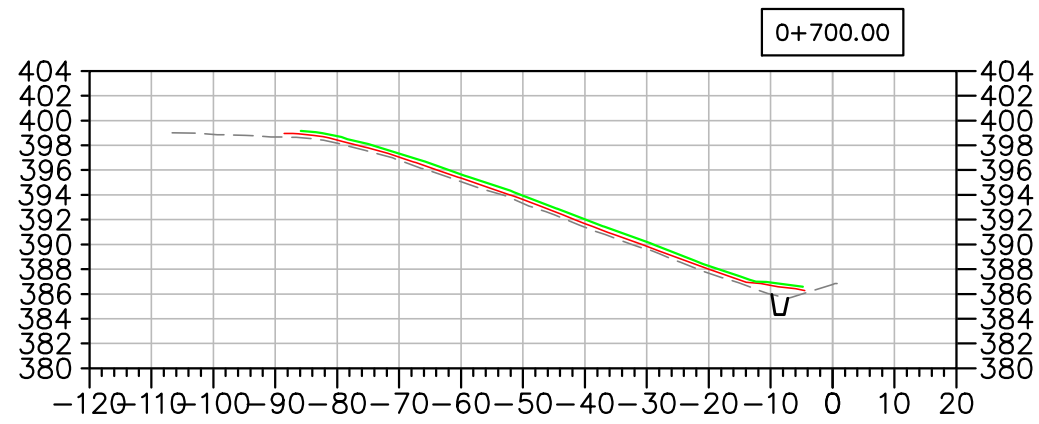
(MAY 26, 2022) SCALE: N.T.S.

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE MAY 27, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS
(MAY 27, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED MAY 28, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED MAY 28, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED MAY 28, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED MAY 28, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED MAY 28, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

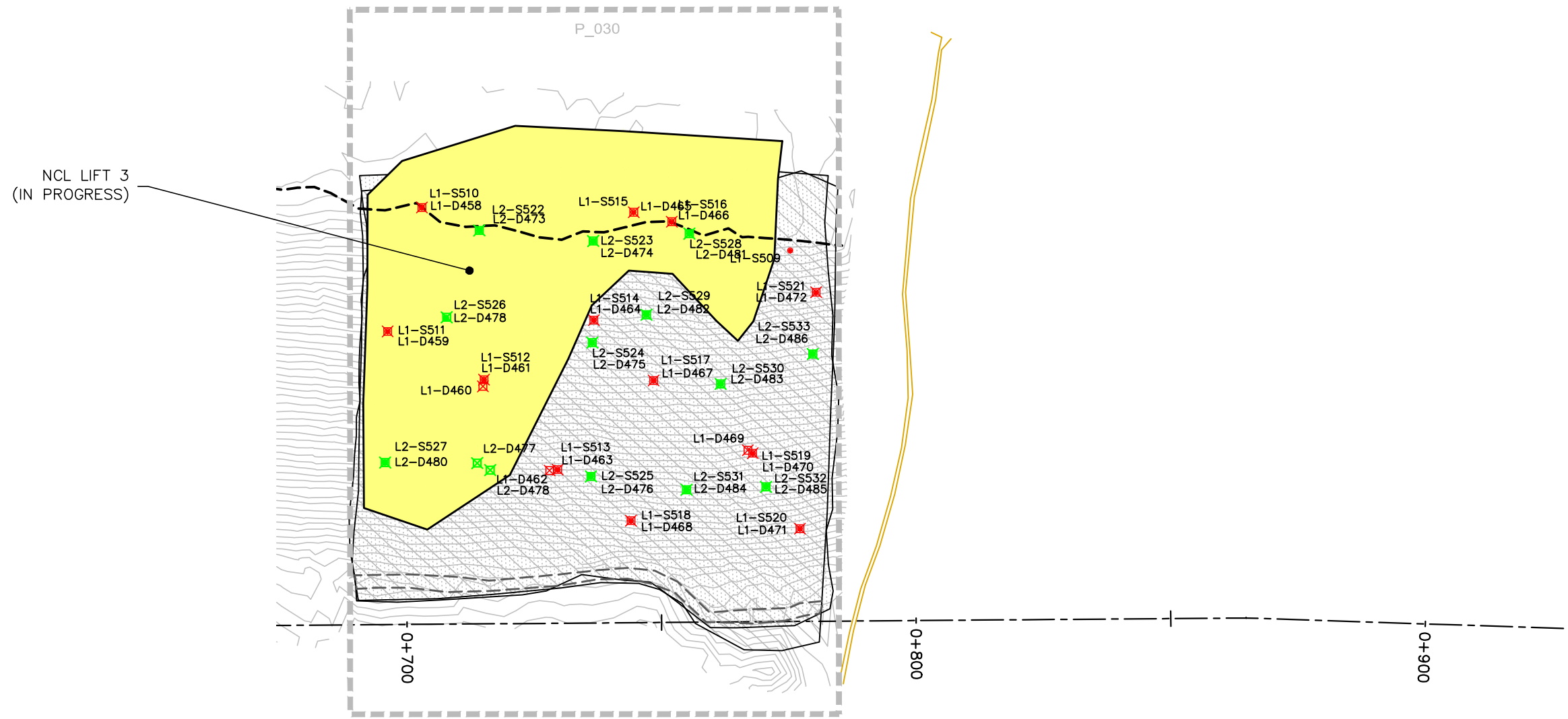
CCL COMPLETED TO DATE = 0.7841 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(MAY 28, 2022) SCALE: 1:1000

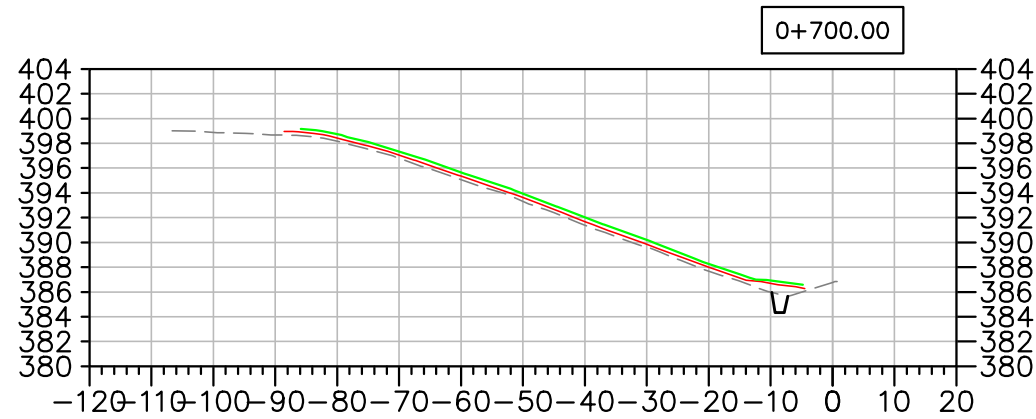
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	MAY 28, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION CROSS
 SECTIONS

PURPOSE
 DAILY PROGRESS

DATE MAY 28, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
 X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS

(MAY 28, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED MAY 29, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED MAY 29, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED MAY 29, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED MAY 29, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED MAY 29, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

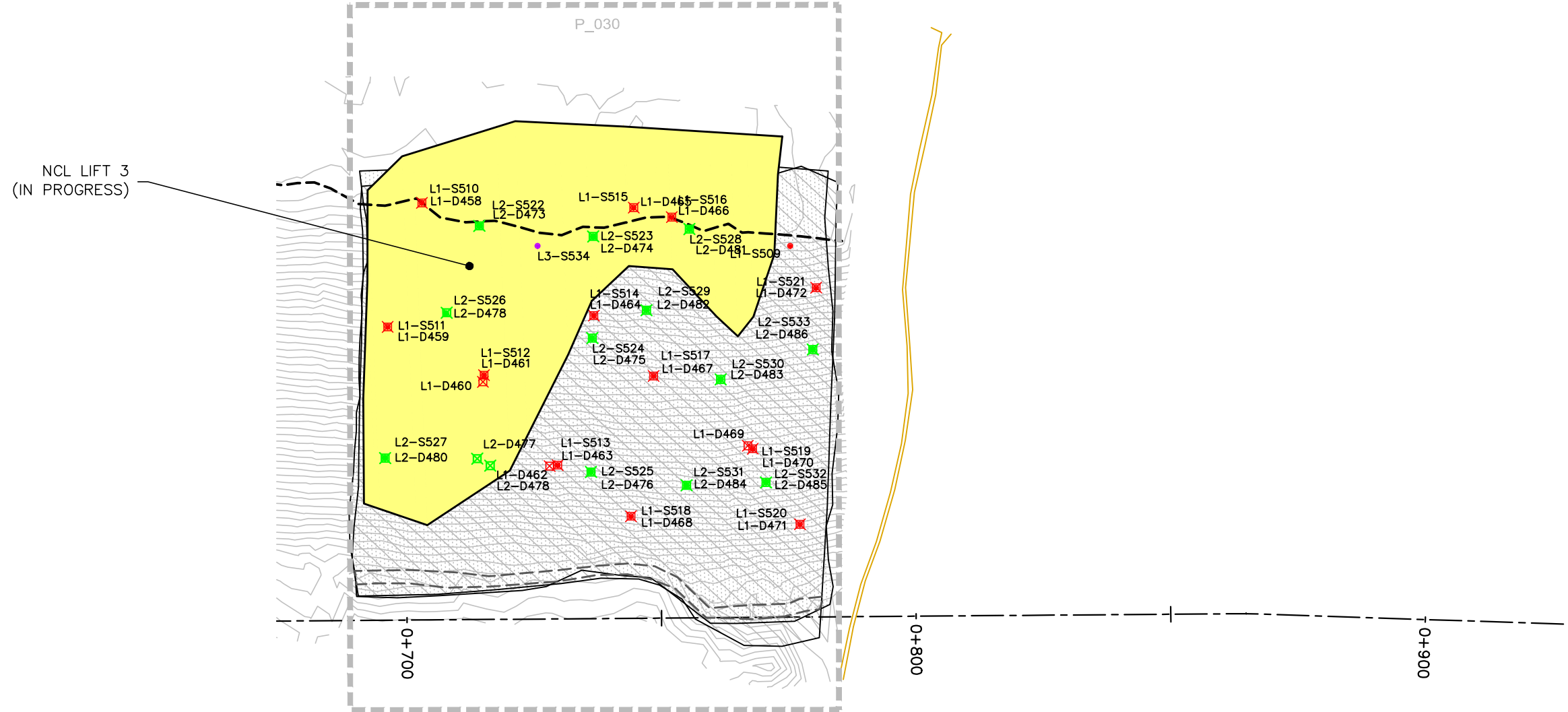
CCL COMPLETED TO DATE = 0.7841 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS
 (MAY 29, 2022) SCALE: 1:1000

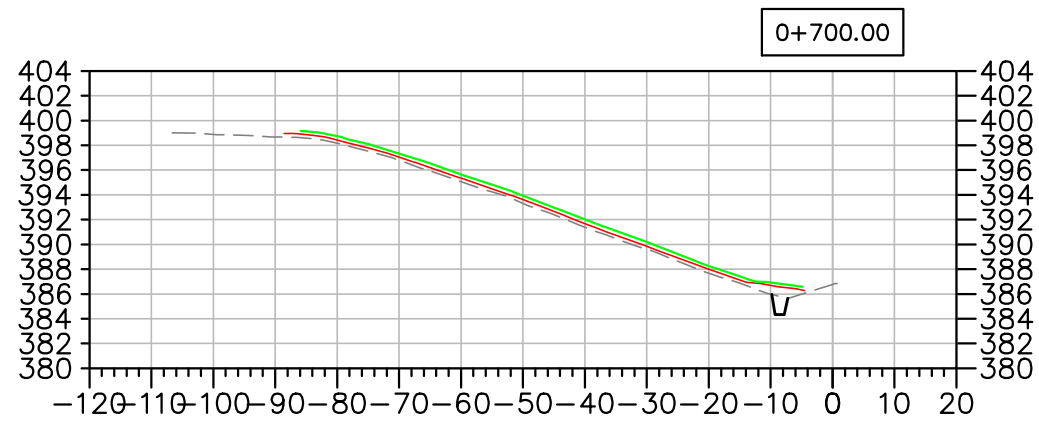
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	MAY 29, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE MAY 29, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS
(MAY 29, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED MAY 30, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED MAY 30, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED MAY 30, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED MAY 30, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED MAY 30, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

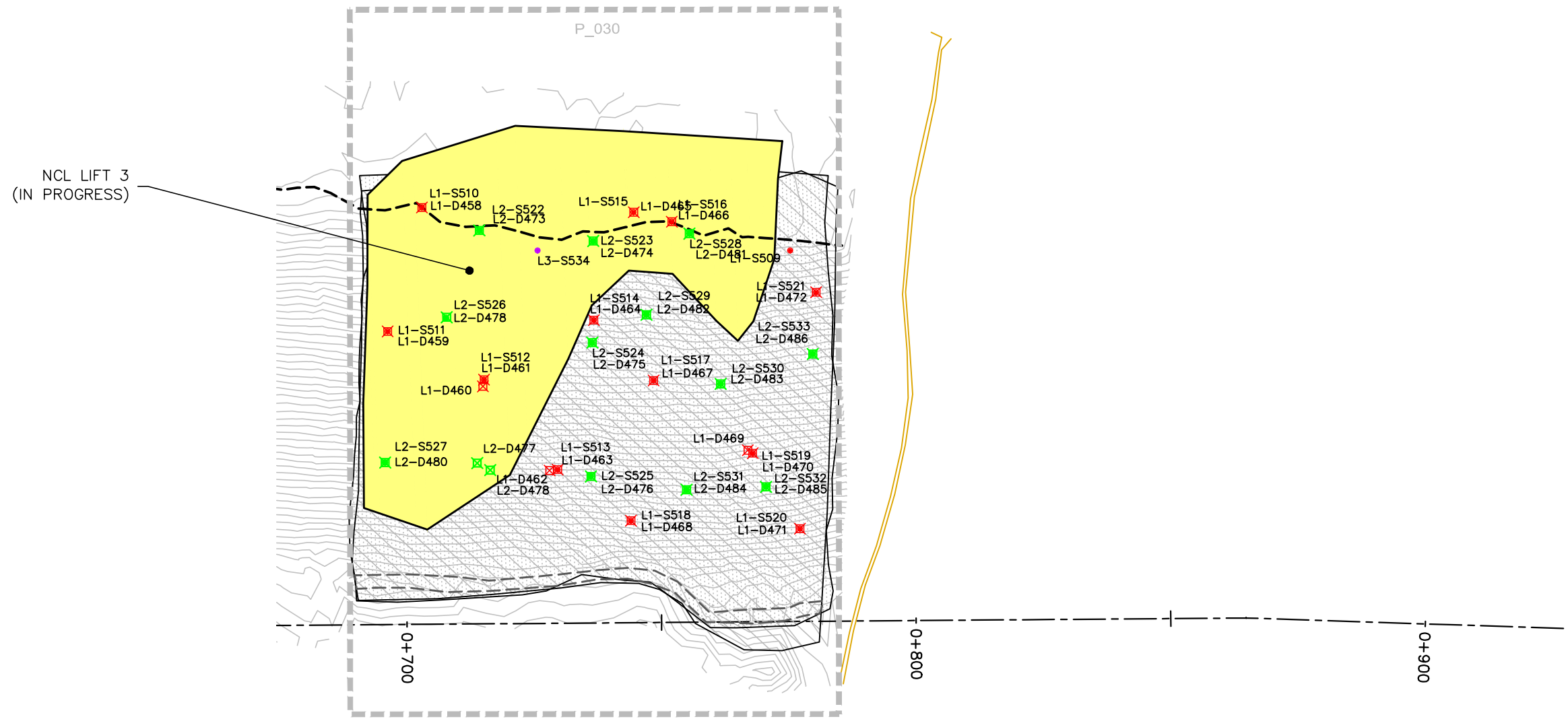
CCL COMPLETED TO DATE = 0.7841 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(MAY 30, 2022) SCALE: 1:1000

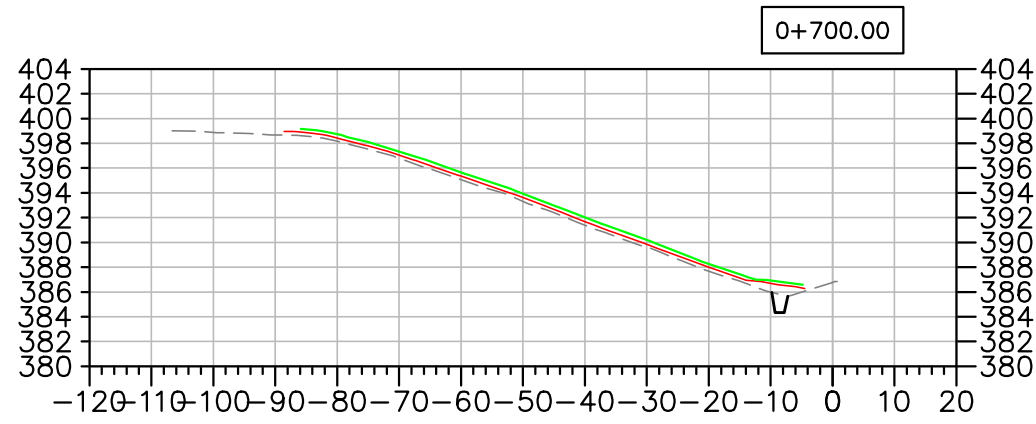
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	MAY 30, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE MAY 30, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS
(MAY 30, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED MAY 30, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED MAY 30, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED MAY 30, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED MAY 30, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED MAY 30, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

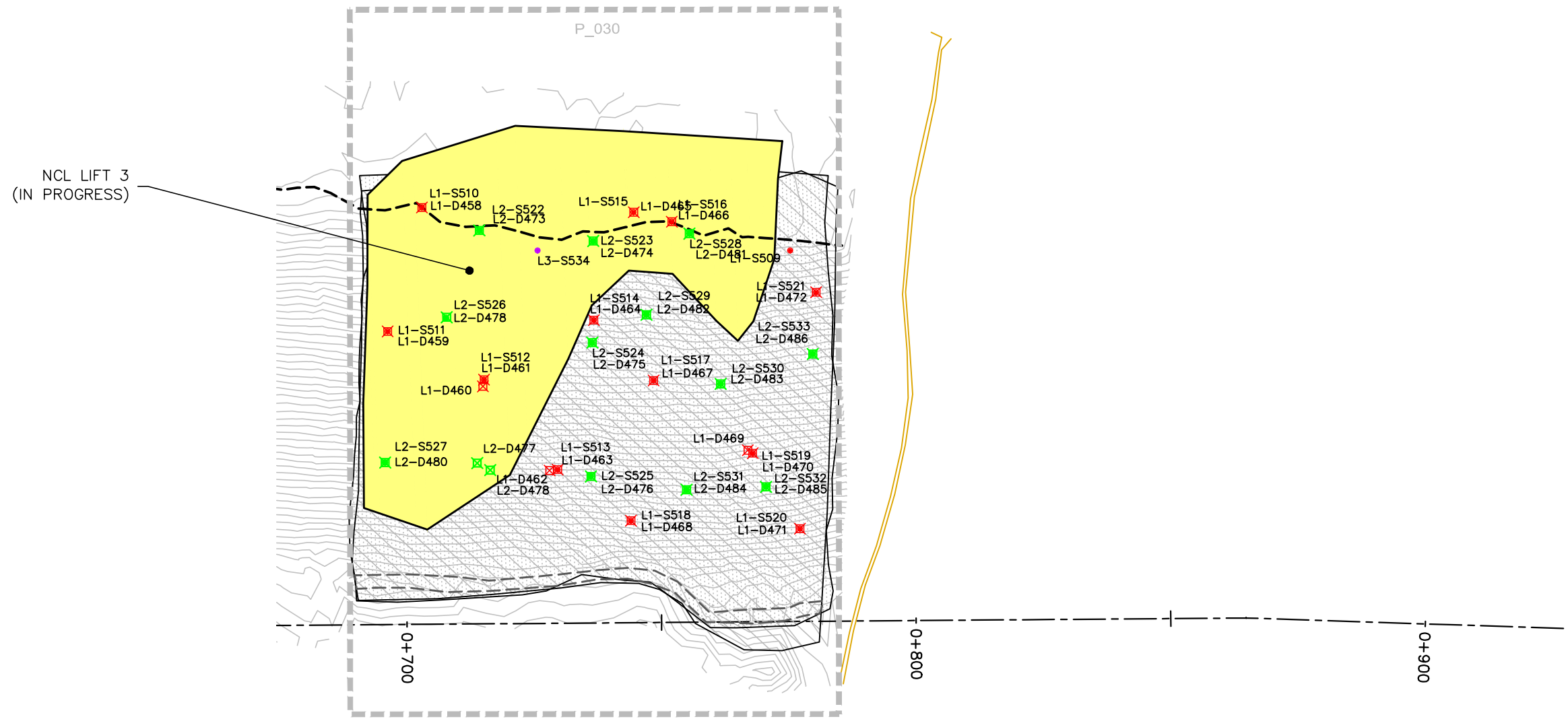
CCL COMPLETED TO DATE = 0.7841 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(MAY 31, 2022) SCALE: 1:1000

PROJECT TITLE	NEW GOLD INC RAINY RIVER PROJECT
DRAWING TITLE	2022 EMRS RECLAMATION
PURPOSE	DAILY PROGRESS

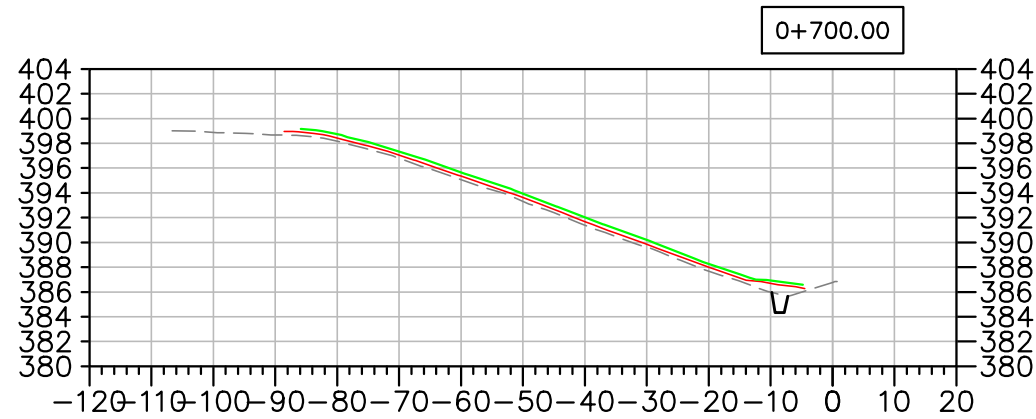
DATE	MAY 31, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE MAY 31, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS

(MAY 31, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JUNE 1, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED JUNE 1, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED JUNE 1, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED JUNE 1, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED JUNE 1, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

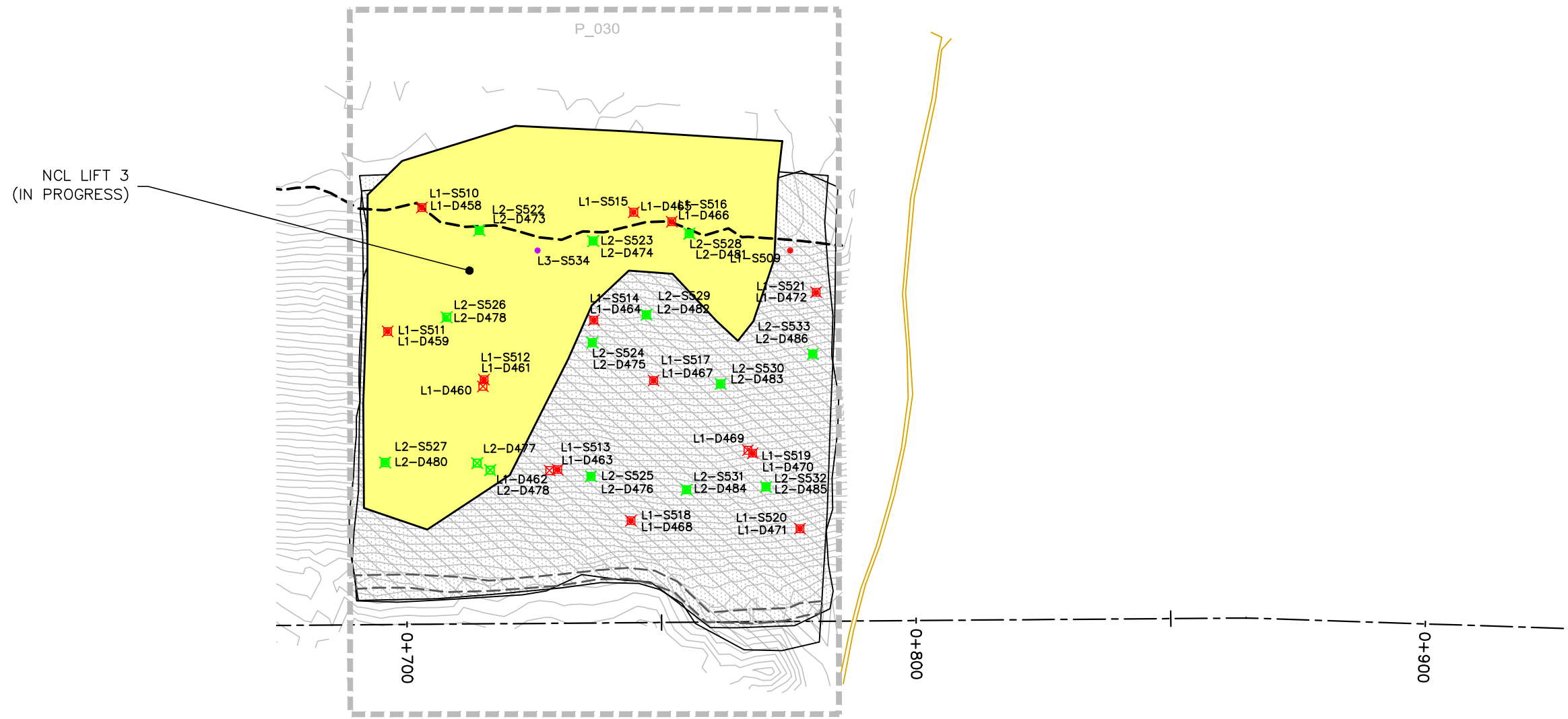
CCL COMPLETED TO DATE = 0.7841 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(JUNE 1, 2022) SCALE: 1:1000

PROJECT TITLE
**NEW GOLD INC
 RAINY RIVER
 PROJECT**

DRAWING TITLE
**2022 EMRS
 RECLAMATION**

PURPOSE
DAILY PROGRESS

DATE **JUNE 1, 2022**

DRAWN **JTS**

CHECKED

SCALE **NTS**

DWG. No. PROJECT No. PHASE No.
D-1 | 19-1138 | 119

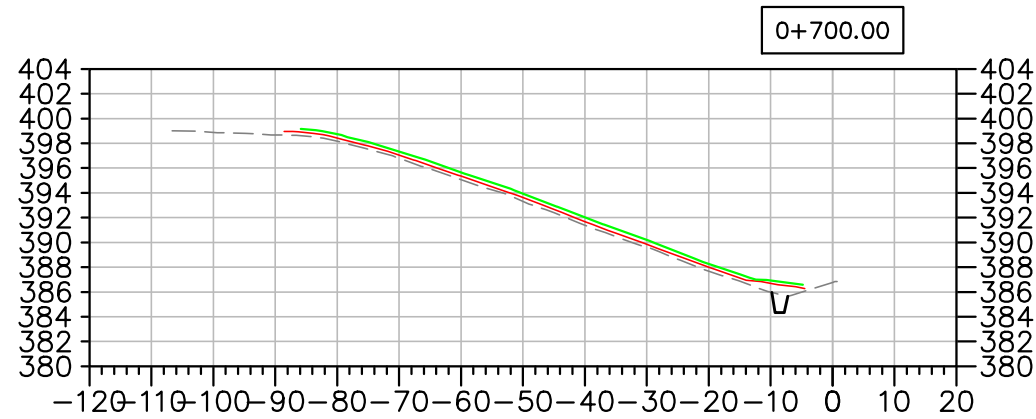
SHEET SIZE - 11' x 17'

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JUNE 1, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS

(JUNE 1, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JUNE 3, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED JUNE 3, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED JUNE 3, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED JUNE 3, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED JUNE 3, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

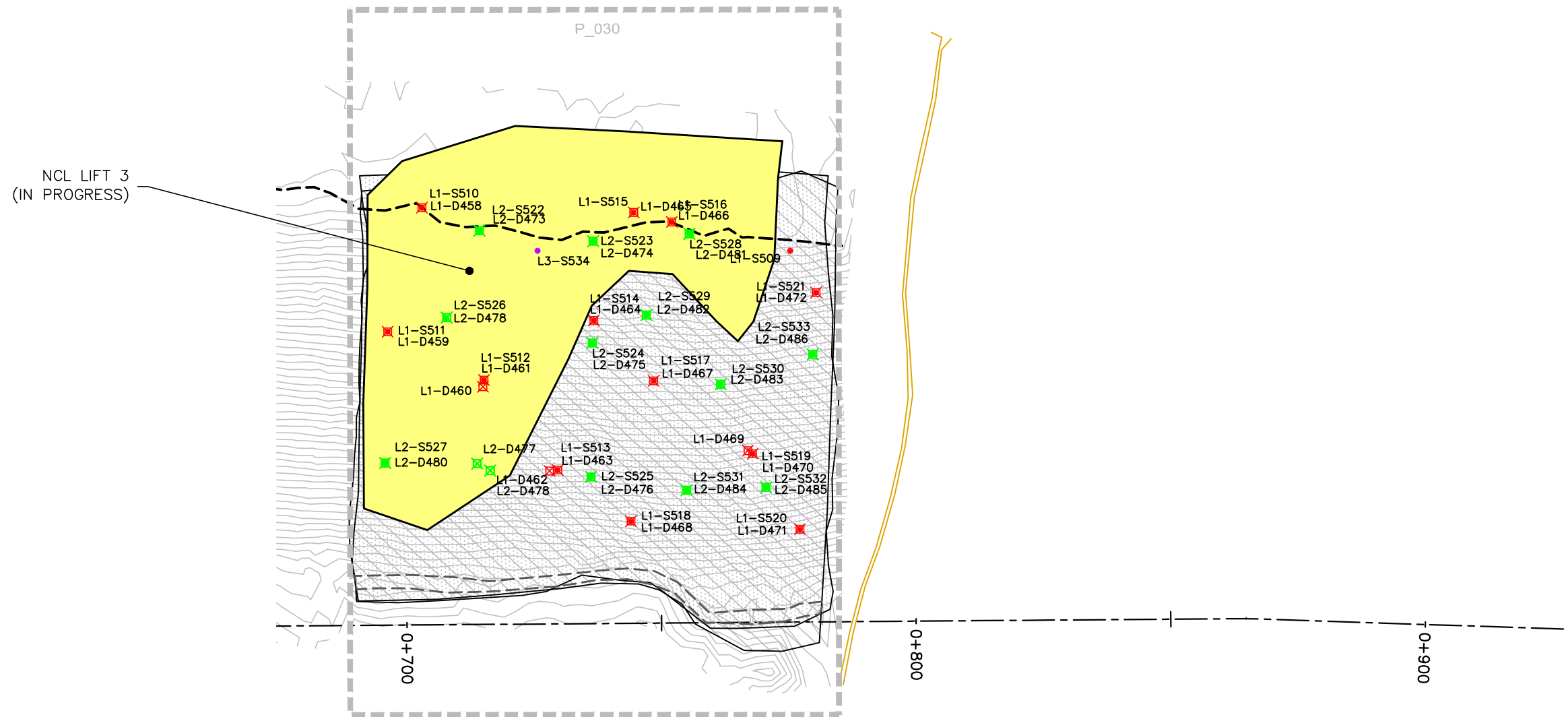
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 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(JUNE 3, 2022) SCALE: 1:1000

PROJECT TITLE	NEW GOLD INC RAINY RIVER PROJECT
DRAWING TITLE	2022 EMRS RECLAMATION
PURPOSE	DAILY PROGRESS

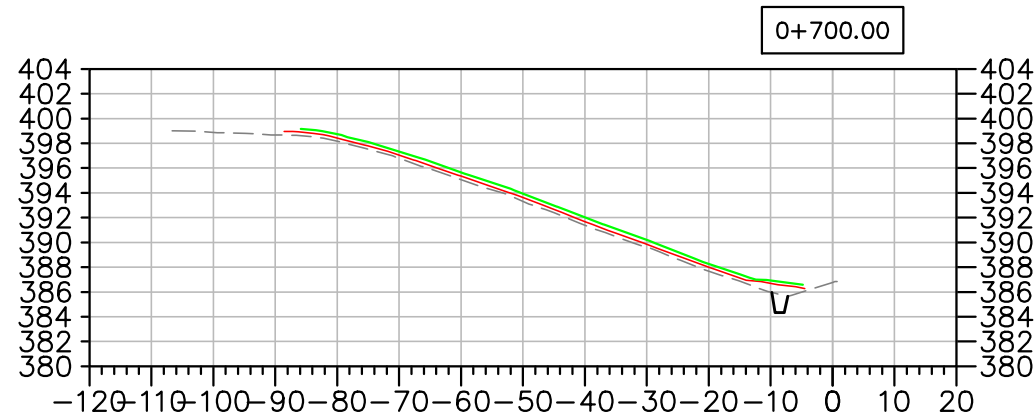
DATE	JUNE 3, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JUNE 3, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS

(JUNE 3, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JUNE 4, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED JUNE 4, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED JUNE 4, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED JUNE 4, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED JUNE 4, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

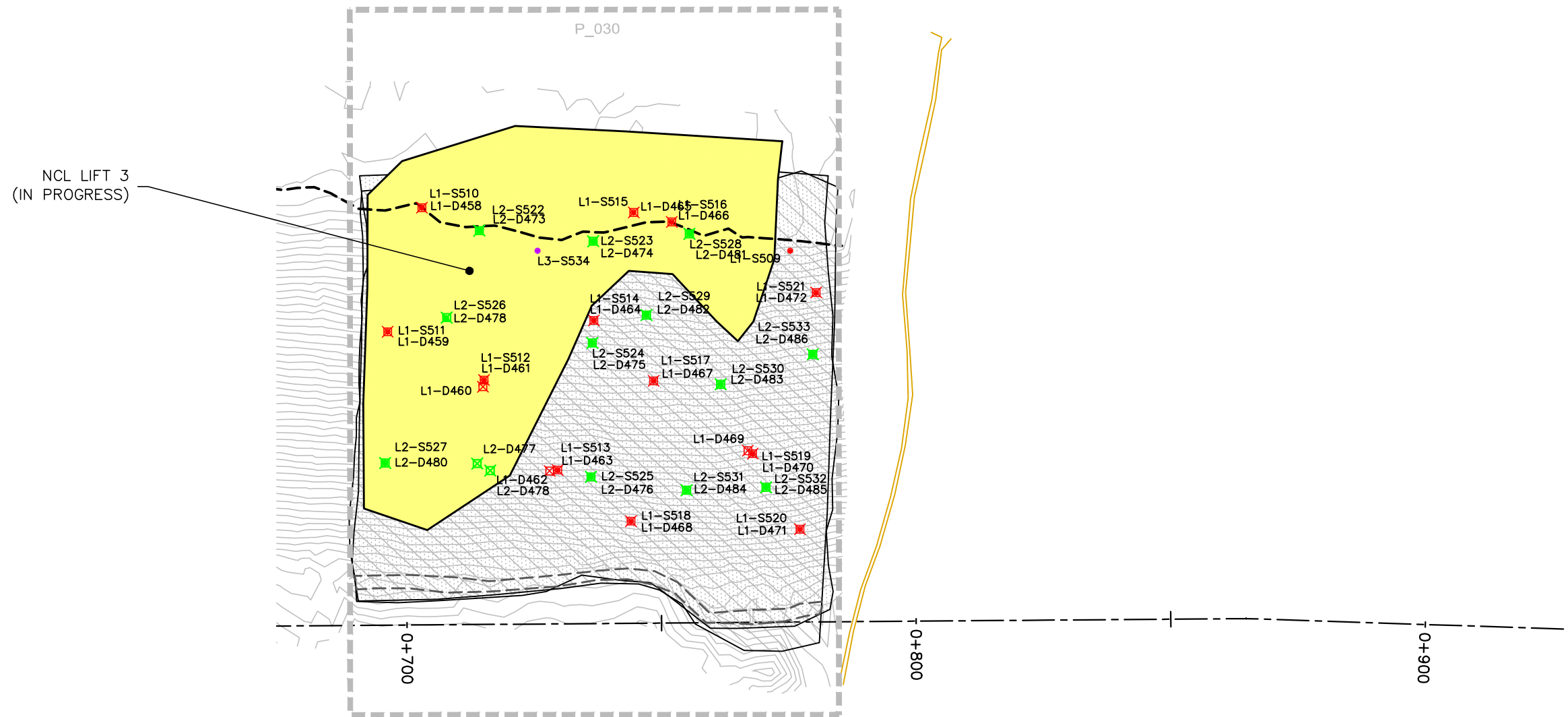
CCL COMPLETED TO DATE = 0.7841 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(JUNE 4, 2022) SCALE: 1:1000

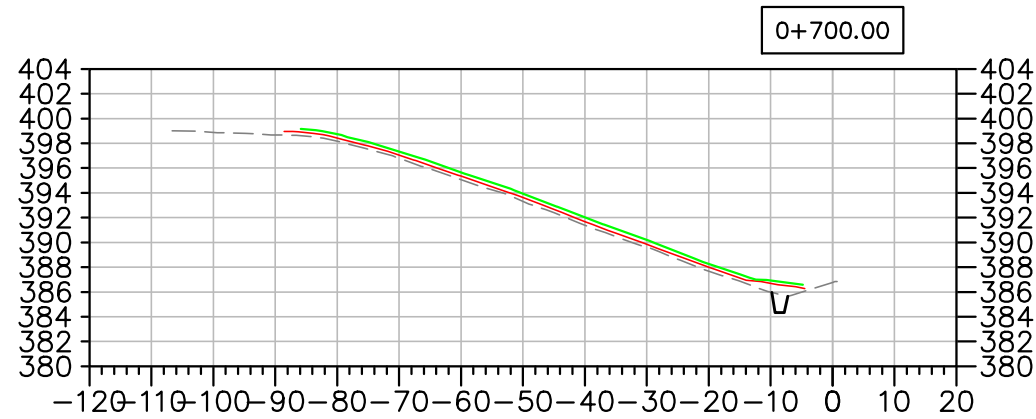
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	JUNE 4, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JUNE 4, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS

(JUNE 4, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JUNE 5, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED JUNE 5, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED JUNE 5, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED JUNE 5, 2022 = 0m³
 PLACED TO DATE = 0m³

NCL LIFT 4

PLACED JUNE 5, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

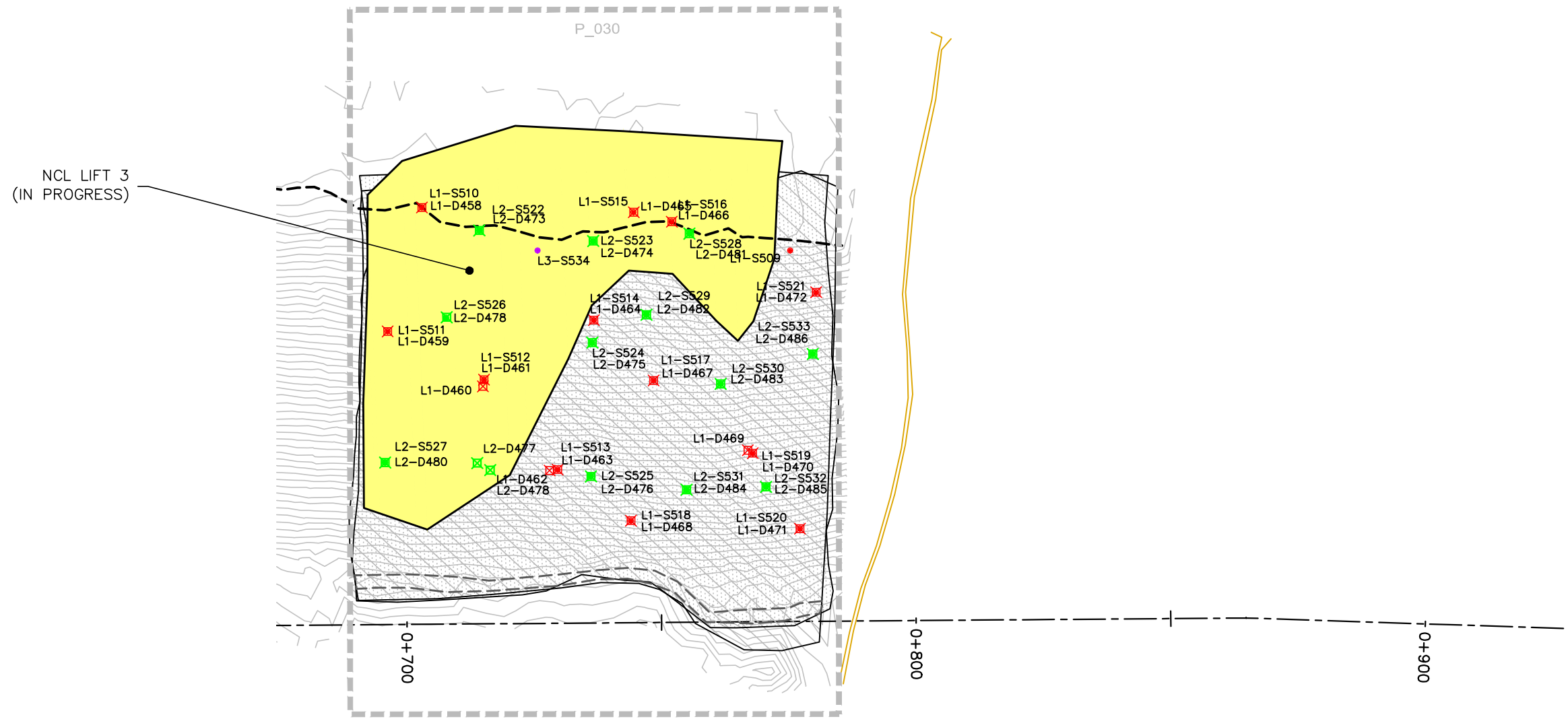
CCL COMPLETED TO DATE = 0.7841 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum: 1983 (NAD83)
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(JUNE 5, 2022) SCALE: 1:1000

PROJECT TITLE	NEW GOLD INC RAINY RIVER PROJECT
DRAWING TITLE	2022 EMRS RECLAMATION
PURPOSE	DAILY PROGRESS

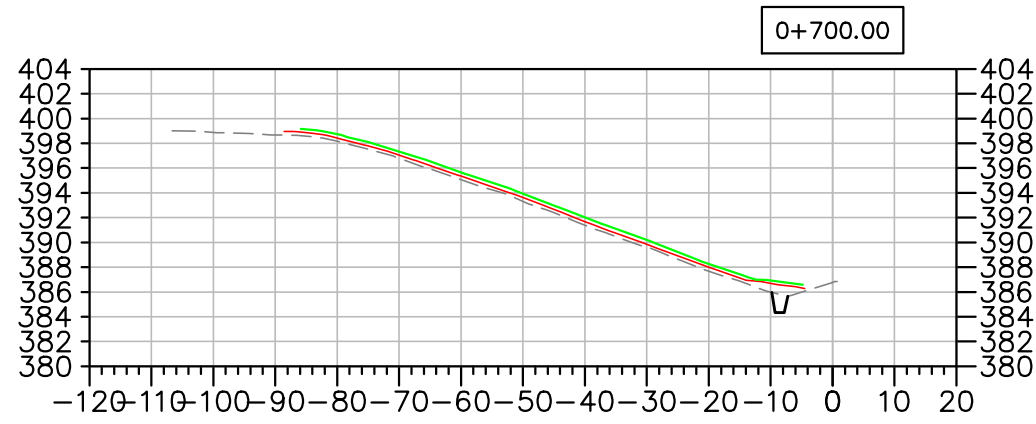
DATE	JUNE 5, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION CROSS
 SECTIONS

PURPOSE
 DAILY PROGRESS

DATE JUNE 5, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
 X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS
 (JUNE 5, 2022) SCALE: N.T.S.

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations



EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 1, 2022 = 0m³
EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED JULY 1, 2022 = 0m³
PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED JULY 1, 2022 = 0m³
PLACED TO DATE = 2,205m³

NCL LIFT 3

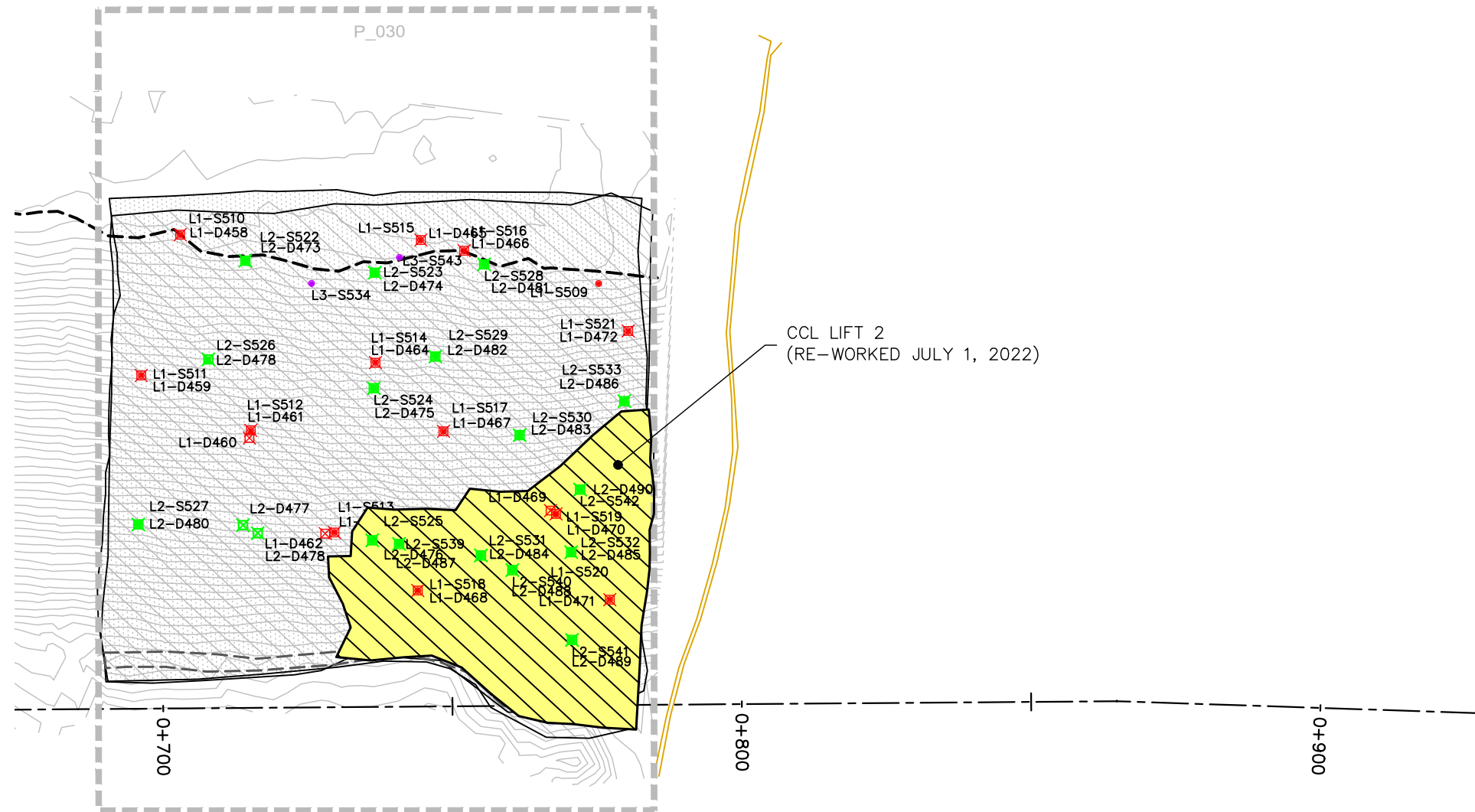
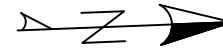
PLACED JULY 1, 2022 = 0m³
PLACED TO DATE = 0m³

NCL LIFT 4

PLACED JULY 1, 2022 = 0m³
PLACED TO DATE = 0m³

AREA COMPLETED

CCL COMPLETED TO DATE = 0.7913 ha
NCL COMPLETED TO DATE = 0 ha



REVISIONS

DATE	REMARKS

LEGEND

- CCL LIFT #1
- CCL LIFT #2
- NCL LIFT #3
- NCL LIFT #4
- KEY TRENCH
- LIFT #1 COMP. TEST SAMPLE
- LIFT #2 COMP. TEST SAMPLE
- LIFT #3 COMP. TEST SAMPLE
- LIFT #4 COMP. TEST SAMPLE
- VWP WIRE
- VWP WIRE BURRITO
- PLACED TODAY
- CCL LIFT 2 PLACED TODAY

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION

PURPOSE
DAILY PROGRESS

DATE JULY 1, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
D-1 19-1138 119

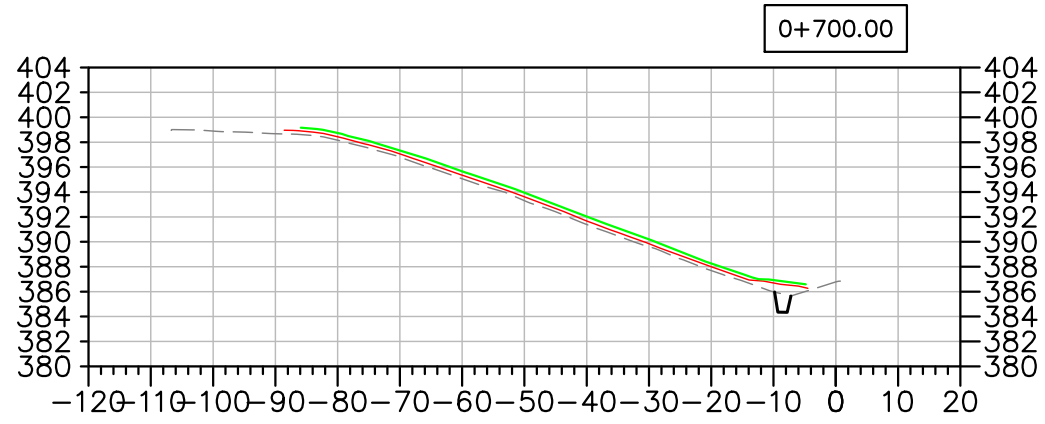
EMRS RECLAMATION – DAILY PROGRESS
(JULY 1, 2022) SCALE: 1:1000

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 1, 2022
DRAWN JTS
CHECKED
SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 | 19-1138 | 119

EMRS RECLAMATION – DAILY PROGRESS
(JULY 1, 2022) SCALE: N.T.S.

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations



EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 2, 2022 = 0m³
EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED JULY 2, 2022 = 0m³
PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED JULY 2, 2022 = 0m³
PLACED TO DATE = 2,205m³

NCL LIFT 3

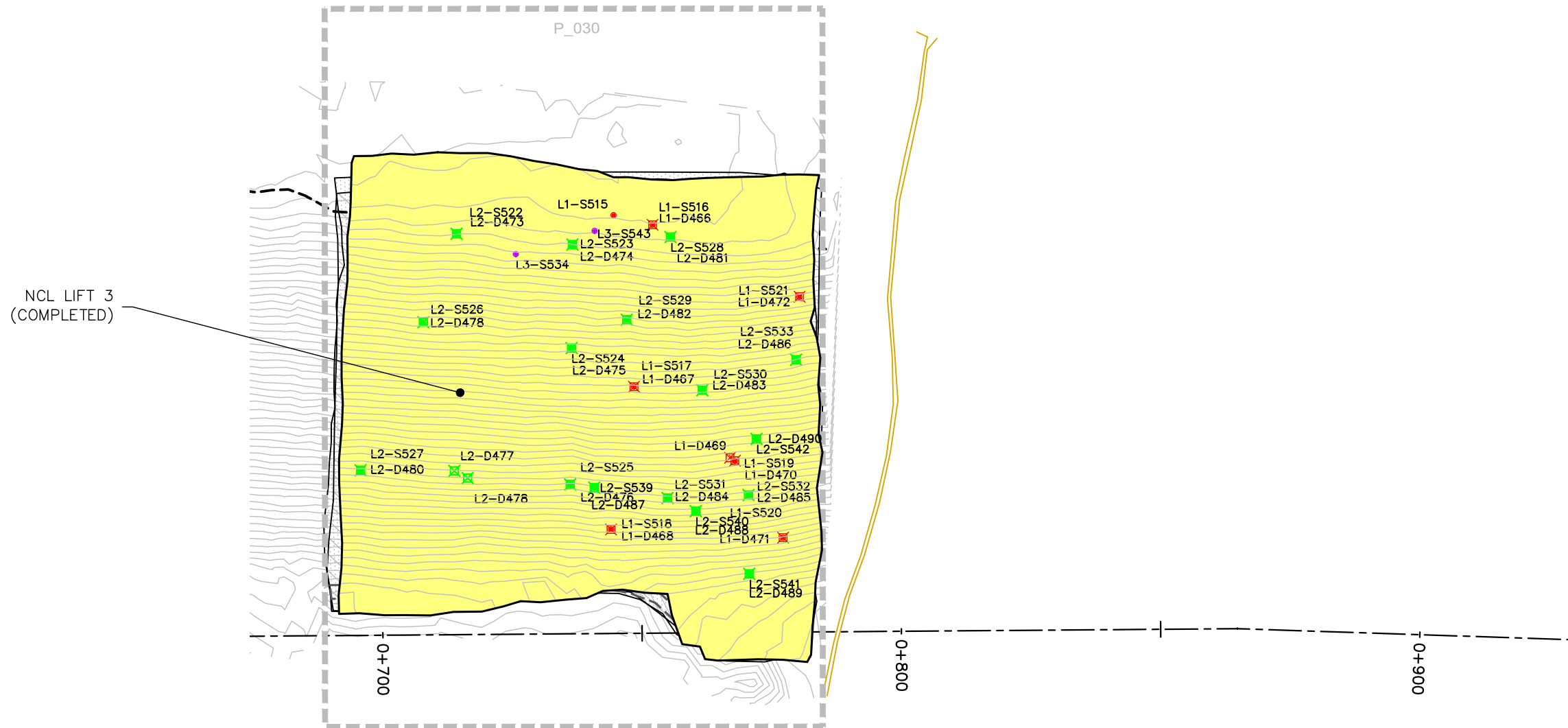
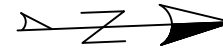
PLACED JULY 2, 2022 = 3,595m³
PLACED TO DATE = 3,595m³

NCL LIFT 4

PLACED JULY 2, 2022 = 0m³
PLACED TO DATE = 0m³

AREA COMPLETED

CCL COMPLETED TO DATE = 0.7913 ha
NCL COMPLETED TO DATE = 0 ha



REVISIONS

DATE	REMARKS

LEGEND

CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	JULY 2, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

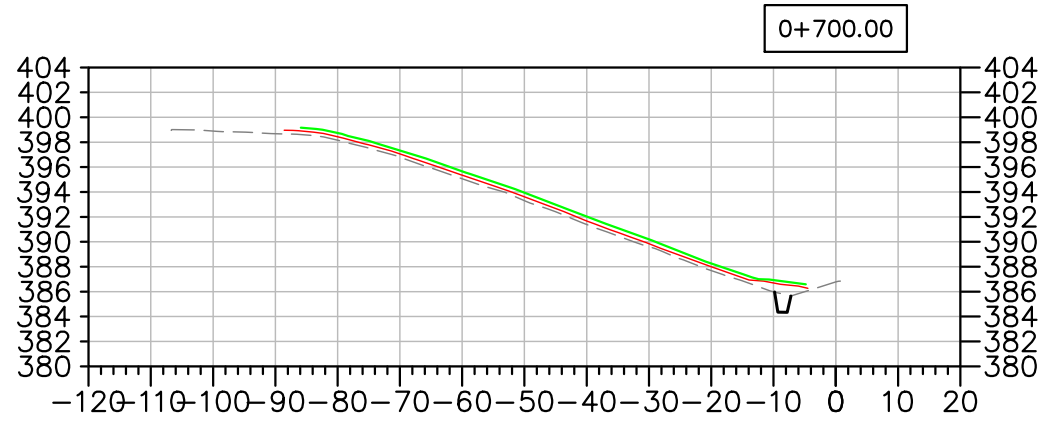
EMRS RECLAMATION – DAILY PROGRESS
(JULY 2, 2022) SCALE: 1:1000

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 2, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 | 19-1138 | 119

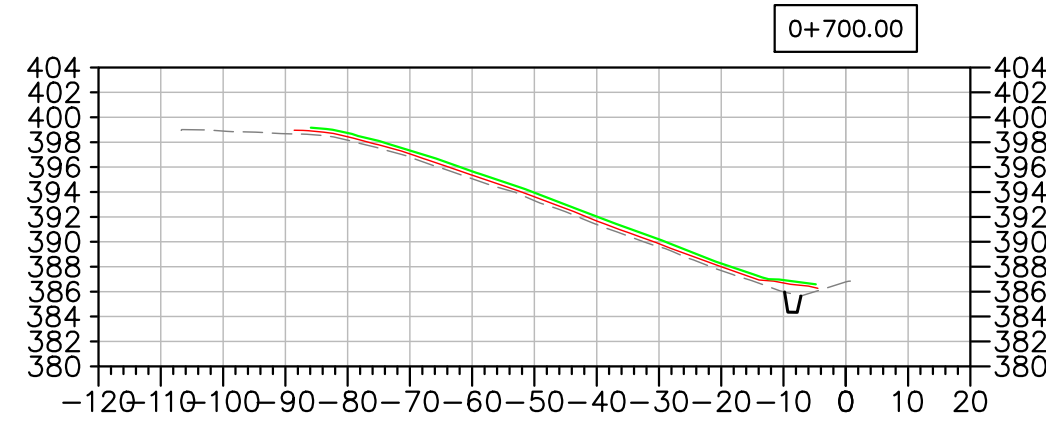
EMRS RECLAMATION – DAILY PROGRESS
(JULY 2, 2022) SCALE: N.T.S.

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 3, 2022
DRAWN JTS
CHECKED
SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 | 19-1138 | 119

EMRS RECLAMATION – DAILY PROGRESS
(JULY 3, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 4, 2022 = 0m³
 EXCAVATED TO DATE = 347m³

CCL LIFT 1

PLACED JULY 4, 2022 = 0m³
 PLACED TO DATE = 2,379m³

CCL LIFT 2

PLACED JULY 4, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED JULY 4, 2022 = 0m³
 PLACED TO DATE = 3,595m³

NCL LIFT 4

PLACED JULY 4, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

CCL COMPLETED TO DATE = 0.7913 ha
 NCL COMPLETED TO DATE = 0 ha

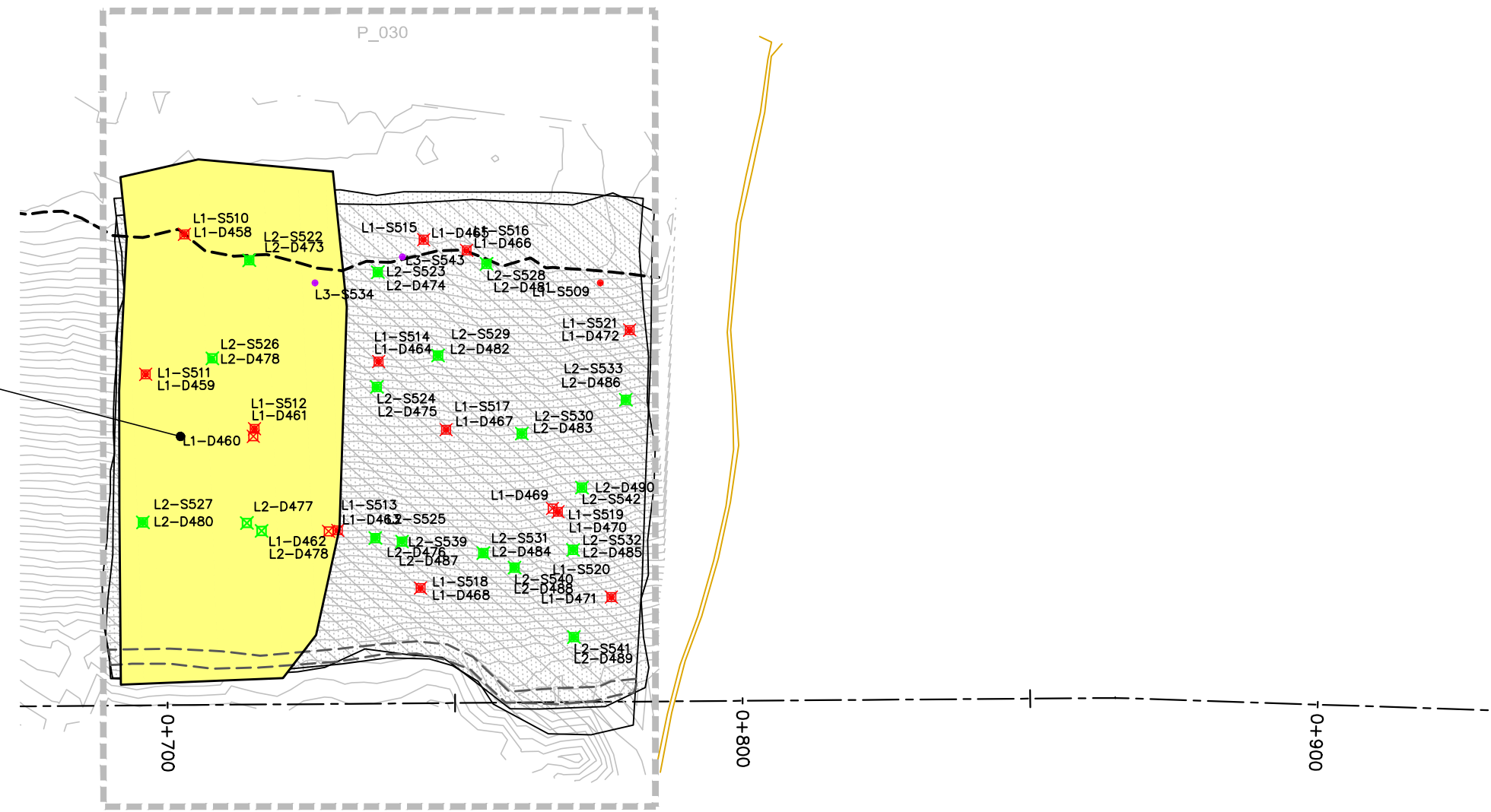
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 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum: Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

NCL LIFT 4
(IN PROGRESS)



EMRS RECLAMATION — DAILY PROGRESS

(JULY 4, 2022) SCALE: 1:1000

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE JULY 4, 2022

DRAWN JTS

CHECKED

SCALE NTS

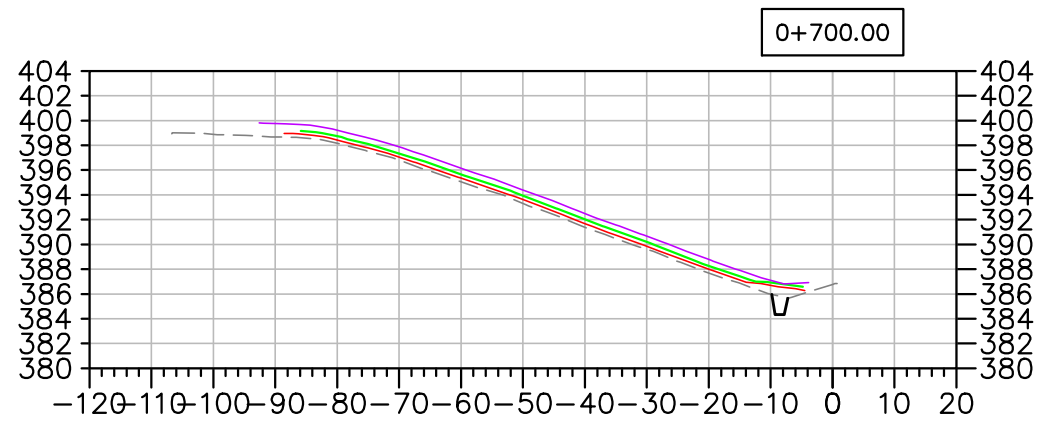
DWG. No. PROJECT No. PHASE No.
 D-1 | 19-1138 | 119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 4, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 | 19-1138 | 119

EMRS RECLAMATION — DAILY PROGRESS

(JULY 4, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 5, 2022 = 118m³
 EXCAVATED TO DATE = 352m³

CCL LIFT 1

PLACED JULY 5, 2022 = 845m³
 PLACED TO DATE = 3,224m³

CCL LIFT 2

PLACED JULY 5, 2022 = 0m³
 PLACED TO DATE = 2,205m³

NCL LIFT 3

PLACED JULY 5, 2022 = 0m³
 PLACED TO DATE = 3,595m³

NCL LIFT 4

PLACED JULY 5, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

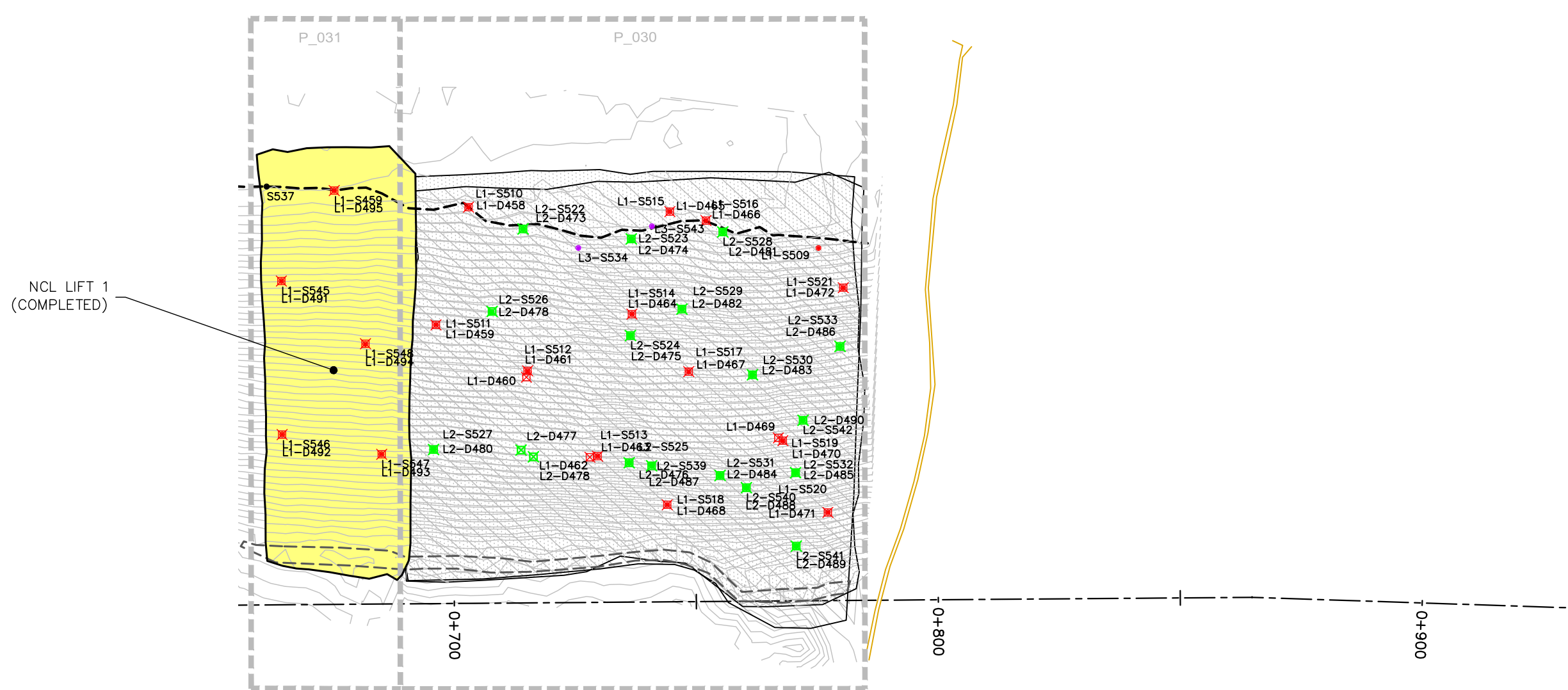
CCL COMPLETED TO DATE = 0.7913 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(JULY 5, 2022) SCALE: 1:1000

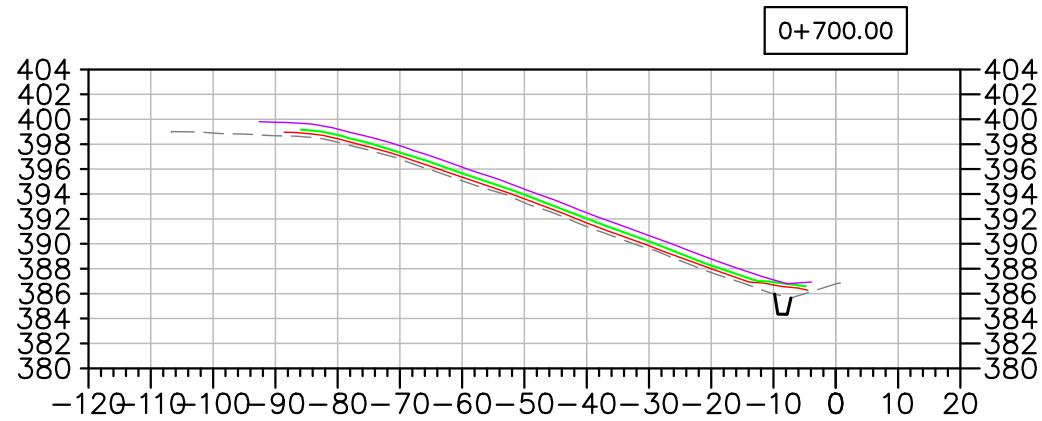
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	JULY 5, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 5, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
X-1	19-1138	119

EMRS RECLAMATION – DAILY PROGRESS

(JULY 5, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 6, 2022 = 0m³
 EXCAVATED TO DATE = 352m³

CCL LIFT 1

PLACED JULY 6, 2022 = 0m³
 PLACED TO DATE = 3,224m³

CCL LIFT 2

PLACED JULY 6, 2022 = 613m³
 PLACED TO DATE = 2,818m³

NCL LIFT 3

PLACED JULY 6, 2022 = 0m³
 PLACED TO DATE = 3,595m³

NCL LIFT 4

PLACED JULY 6, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

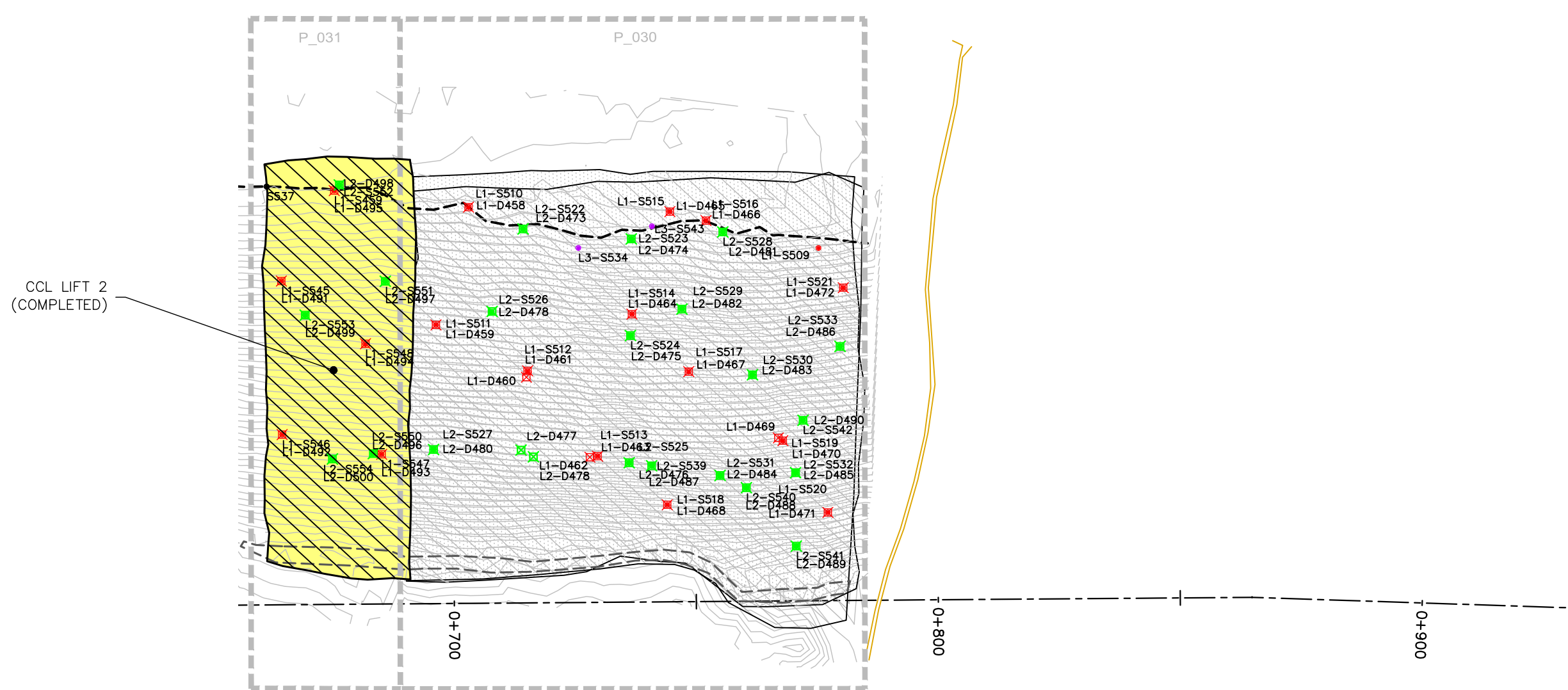
CCL COMPLETED TO DATE = 1.0506 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS
 (JULY 6, 2022) SCALE: 1:1000

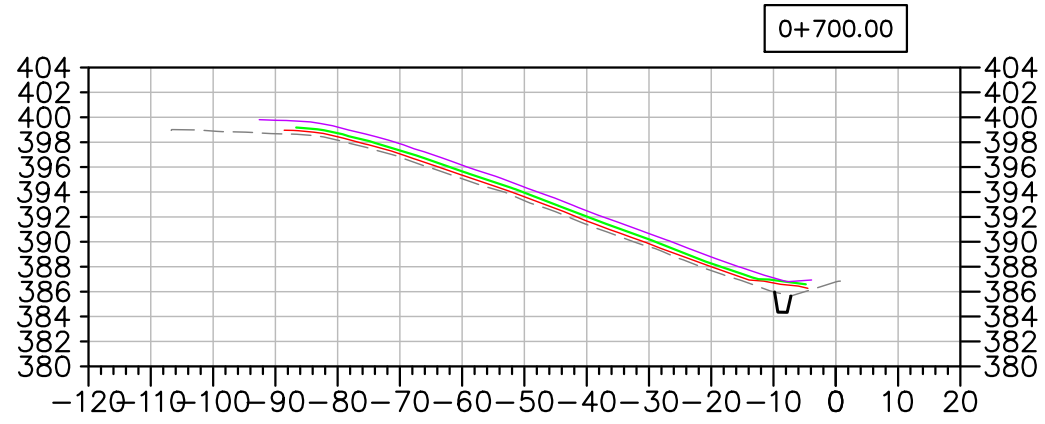
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	JULY 6, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
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REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 6, 2022
DRAWN JTS
CHECKED
SCALE NTS

DWG. No. PROJECT No. PHASE No.
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EMRS RECLAMATION – DAILY PROGRESS
(JULY 6, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 7, 2022 = 0m³
 EXCAVATED TO DATE = 352m³

CCL LIFT 1

PLACED JULY 7, 2022 = 0m³
 PLACED TO DATE = 3,224m³

CCL LIFT 2

PLACED JULY 7, 2022 = 0m³
 PLACED TO DATE = 2,818m³

NCL LIFT 3

PLACED JULY 7, 2022 = 0m³
 PLACED TO DATE = 3,595m³

NCL LIFT 4

PLACED JULY 7, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

CCL COMPLETED TO DATE = 1.0506 ha
 NCL COMPLETED TO DATE = 0 ha

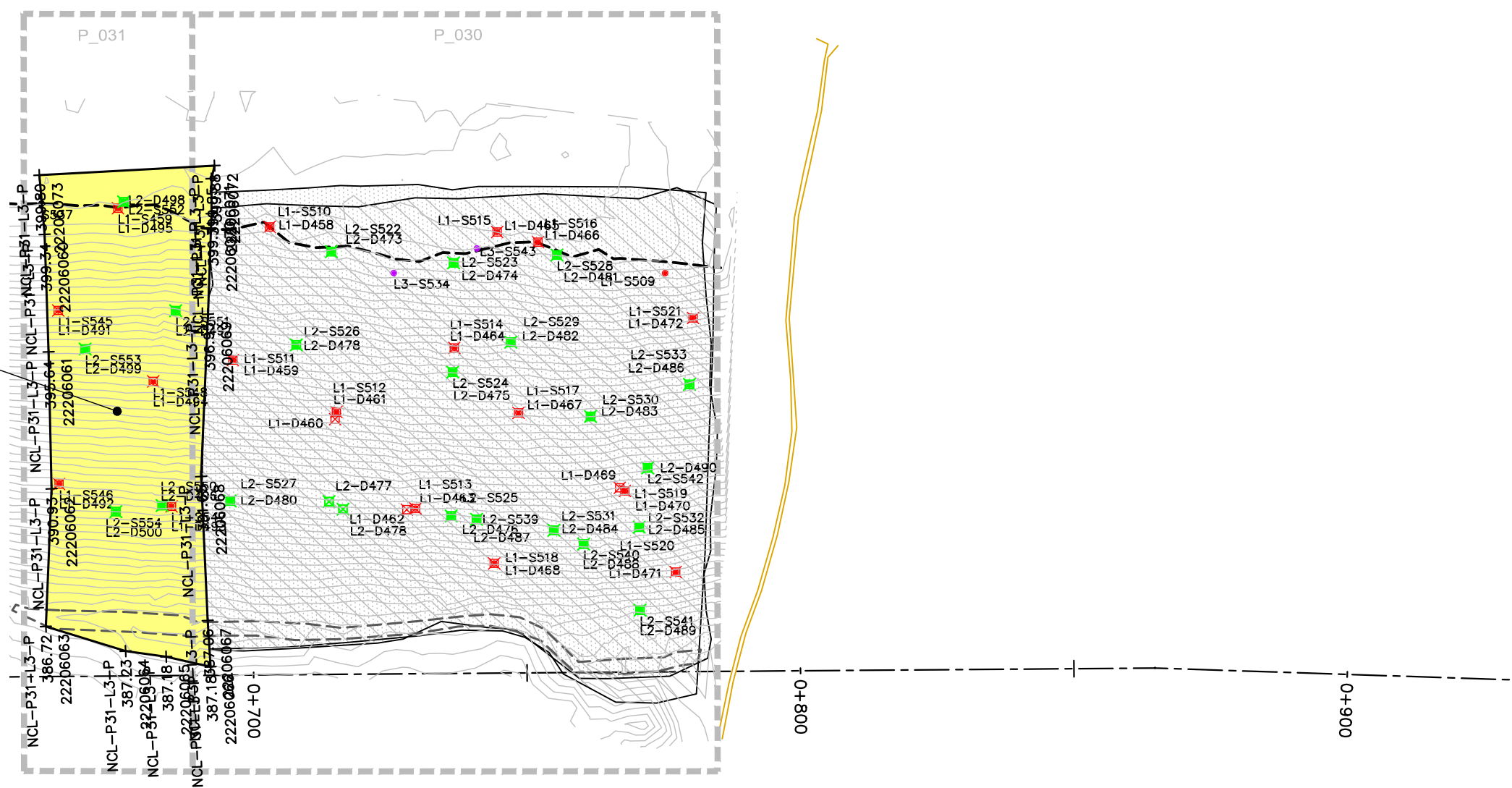
Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

NCL LIFT 3
(IN PROGRESS)



EMRS RECLAMATION – DAILY PROGRESS

(JULY 7, 2022) SCALE: 1:1000

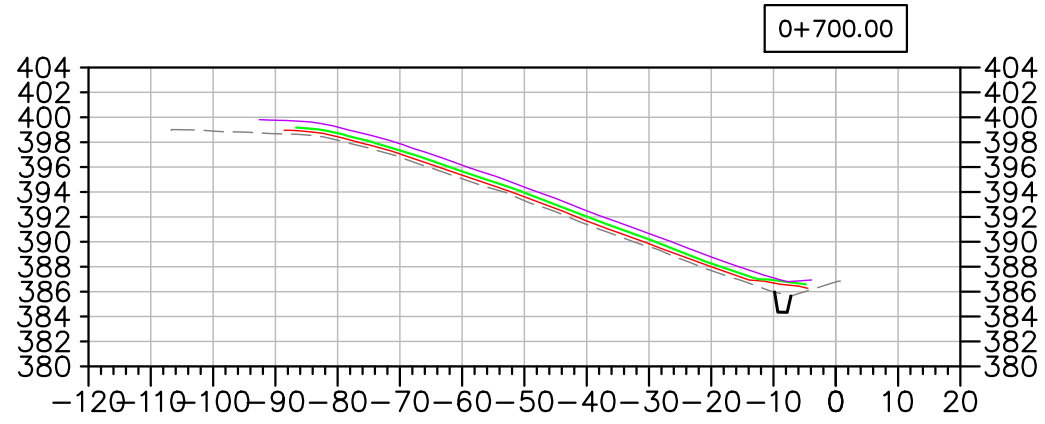
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	JULY 7, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
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REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 7, 2022
DRAWN JTS
CHECKED
SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 | 19-1138 | 119

EMRS RECLAMATION – DAILY PROGRESS
(JULY 7, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 8, 2022 = 0m³
 EXCAVATED TO DATE = 352m³

CCL LIFT 1

PLACED JULY 8, 2022 = 0m³
 PLACED TO DATE = 3,224m³

CCL LIFT 2

PLACED JULY 8, 2022 = 0m³
 PLACED TO DATE = 2,818m³

NCL LIFT 3

PLACED JULY 8, 2022 = 1,318m³
 PLACED TO DATE = 4,913m³

NCL LIFT 4

PLACED JULY 8, 2022 = 0m³
 PLACED TO DATE = 0m³

AREA COMPLETED

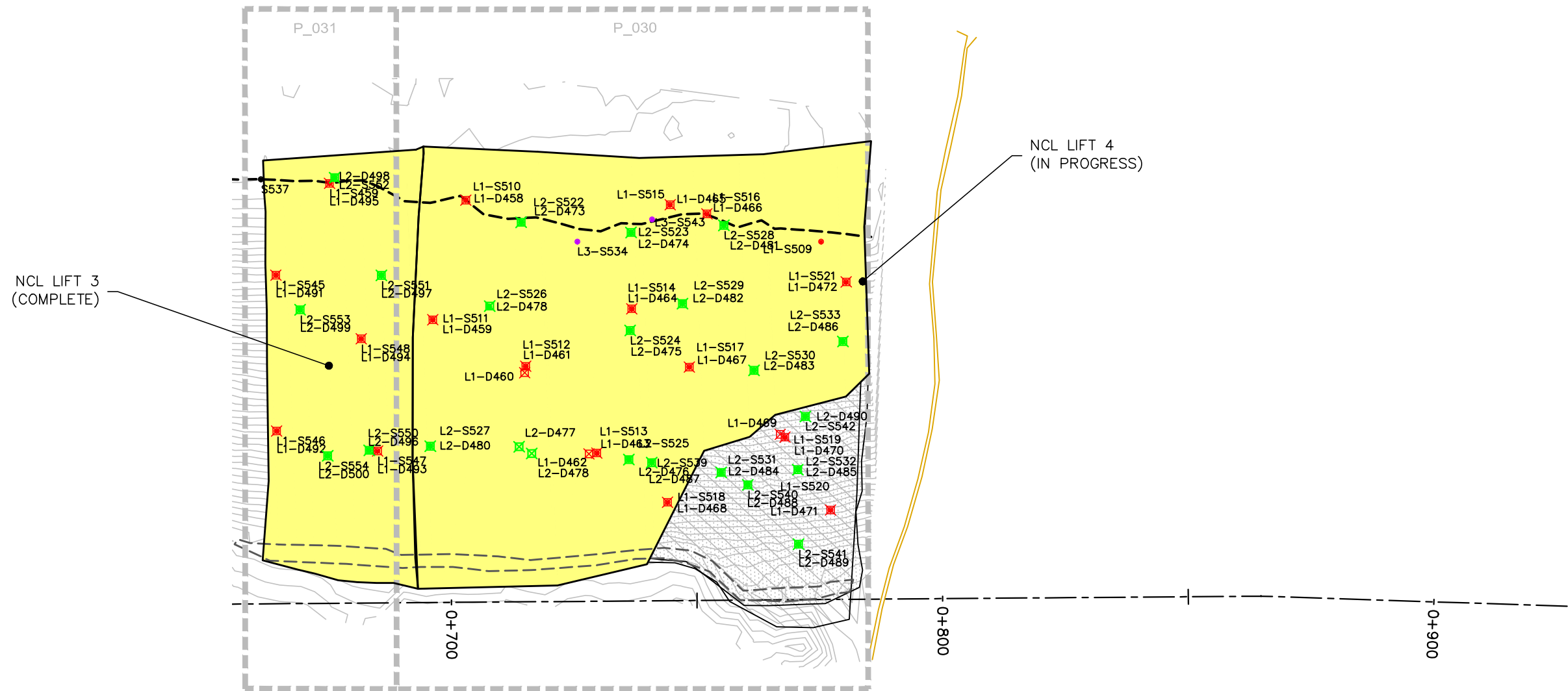
CCL COMPLETED TO DATE = 1.0506 ha
 NCL COMPLETED TO DATE = 0 ha

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION — DAILY PROGRESS

(JULY 8, 2022) SCALE: 1:1000

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE JULY 8, 2022

DRAWN JTS

CHECKED

SCALE NTS

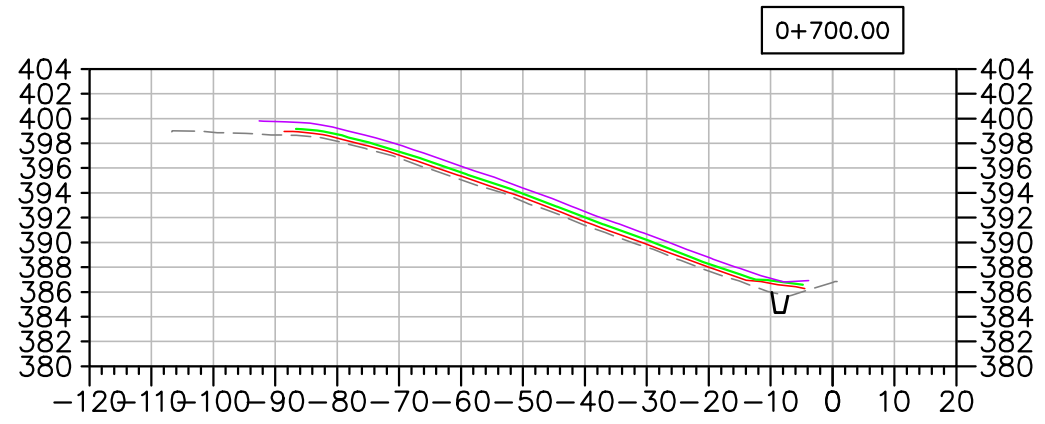
DWG. No. PROJECT No. PHASE No.
 D-1 | 19-1138 | 119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 8, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
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EMRS RECLAMATION – DAILY PROGRESS
(JULY 8, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 9, 2022 = 0m³
 EXCAVATED TO DATE = 352m³

CCL LIFT 1

PLACED JULY 9, 2022 = 0m³
 PLACED TO DATE = 3,224m³

CCL LIFT 2

PLACED JULY 9, 2022 = 0m³
 PLACED TO DATE = 2,818m³

NCL LIFT 3

PLACED JULY 9, 2022 = 0m³
 PLACED TO DATE = 4,913m³

NCL LIFT 4

PLACED JULY 9, 2022 = 3,744m³
 PLACED TO DATE = 3,744m³

AREA COMPLETED

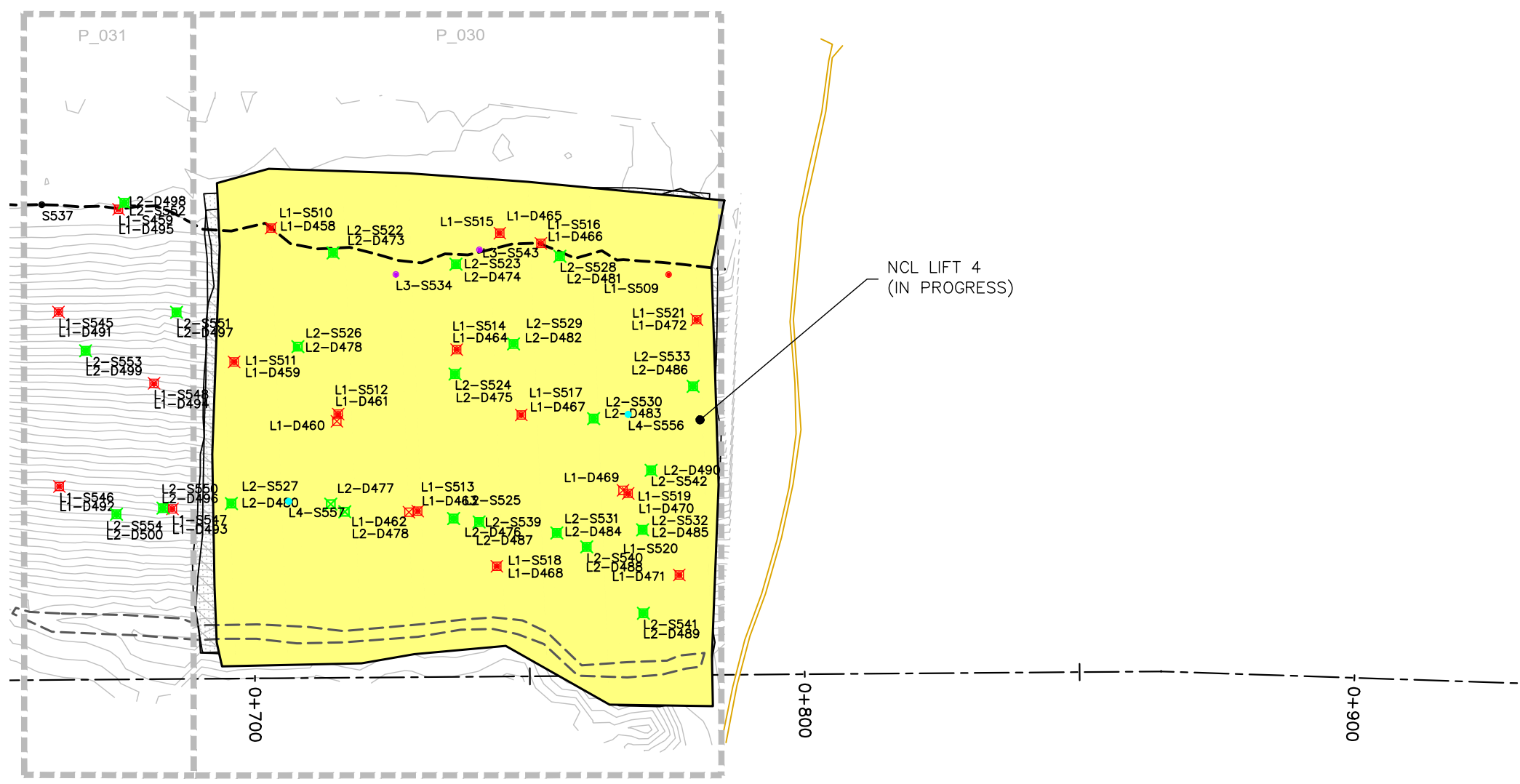
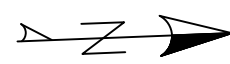
CCL COMPLETED TO DATE = 1.0506 ha
 NCL COMPLETED TO DATE = 0.0 ha

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS
 (JULY 9, 2022) SCALE: 1:1000

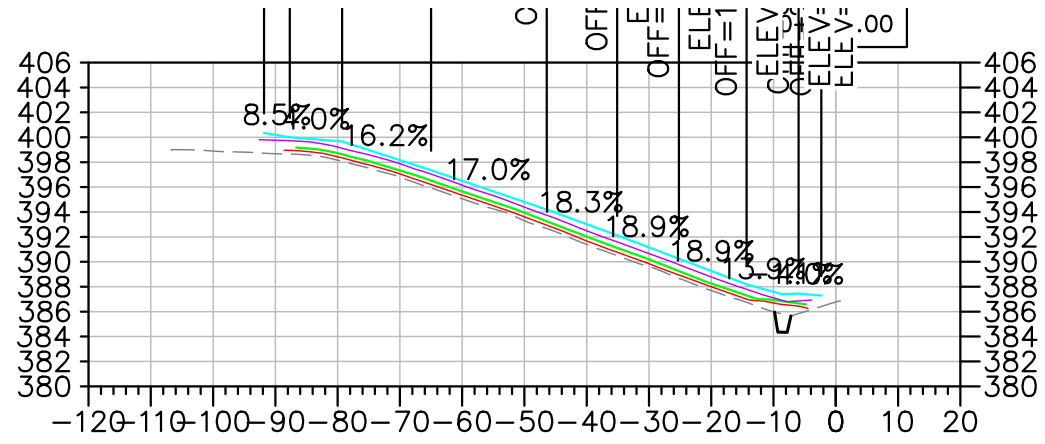
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	JULY 9, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
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REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 ---
- CCL LIFT #2 ---
- NCL LIFT #3 ---
- NCL LIFT #4 ---
- KEY TRENCH ---



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 9, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 | 19-1138 | 119

EMRS RECLAMATION – DAILY PROGRESS

(JULY 9, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 10, 2022 = 0m³
 EXCAVATED TO DATE = 352m³

CCL LIFT 1

PLACED JULY 10, 2022 = 0m³
 PLACED TO DATE = 3,224m³

CCL LIFT 2

PLACED JULY 10, 2022 = 0m³
 PLACED TO DATE = 2,818m³

NCL LIFT 3

PLACED JULY 10, 2022 = 0m³
 PLACED TO DATE = 4,913m³

NCL LIFT 4

PLACED JULY 10, 2022 = 649m³
 PLACED TO DATE = 4,393m³

AREA COMPLETED

CCL COMPLETED TO DATE = 1.0506 ha
 NCL COMPLETED TO DATE = 0.8037 ha

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations

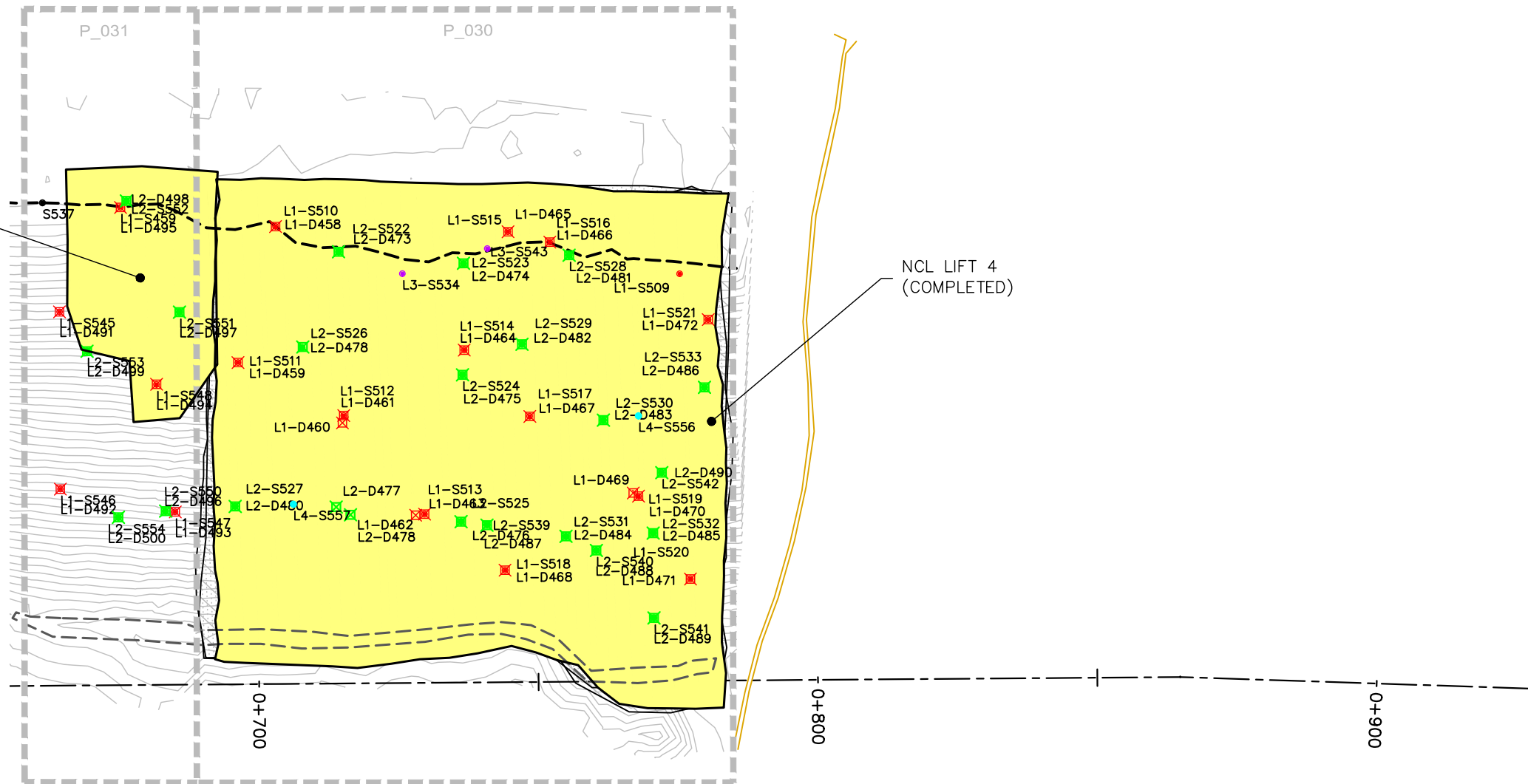


REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

NCL LIFT 4
(IN PROGRESS)

NCL LIFT 4
(COMPLETED)



EMRS RECLAMATION – DAILY PROGRESS

(JULY 10, 2022) SCALE: 1:1000

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE JULY 10, 2022

DRAWN JTS

CHECKED

SCALE NTS

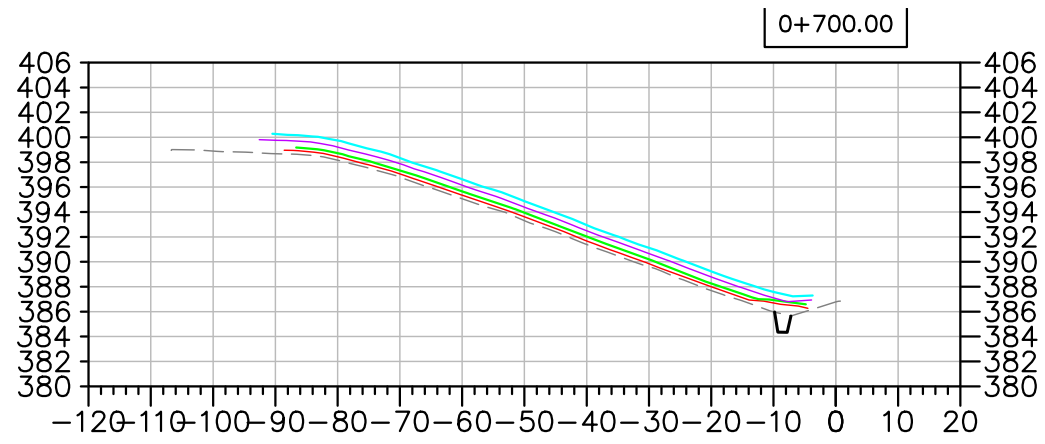
DWG. No. PROJECT No. PHASE No.
 D-1 19-1138 119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 10, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
X-1	19-1138	119

EMRS RECLAMATION – DAILY PROGRESS
(JULY 10, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 13, 2022 = 65m³
 EXCAVATED TO DATE = 417m³

CCL LIFT 1

PLACED JULY 13, 2022 = 701m³
 PLACED TO DATE = 3,925m³

CCL LIFT 2

PLACED JULY 13, 2022 = 0m³
 PLACED TO DATE = 2,818m³

NCL LIFT 3

PLACED JULY 13, 2022 = 0m³
 PLACED TO DATE = 4,913m³

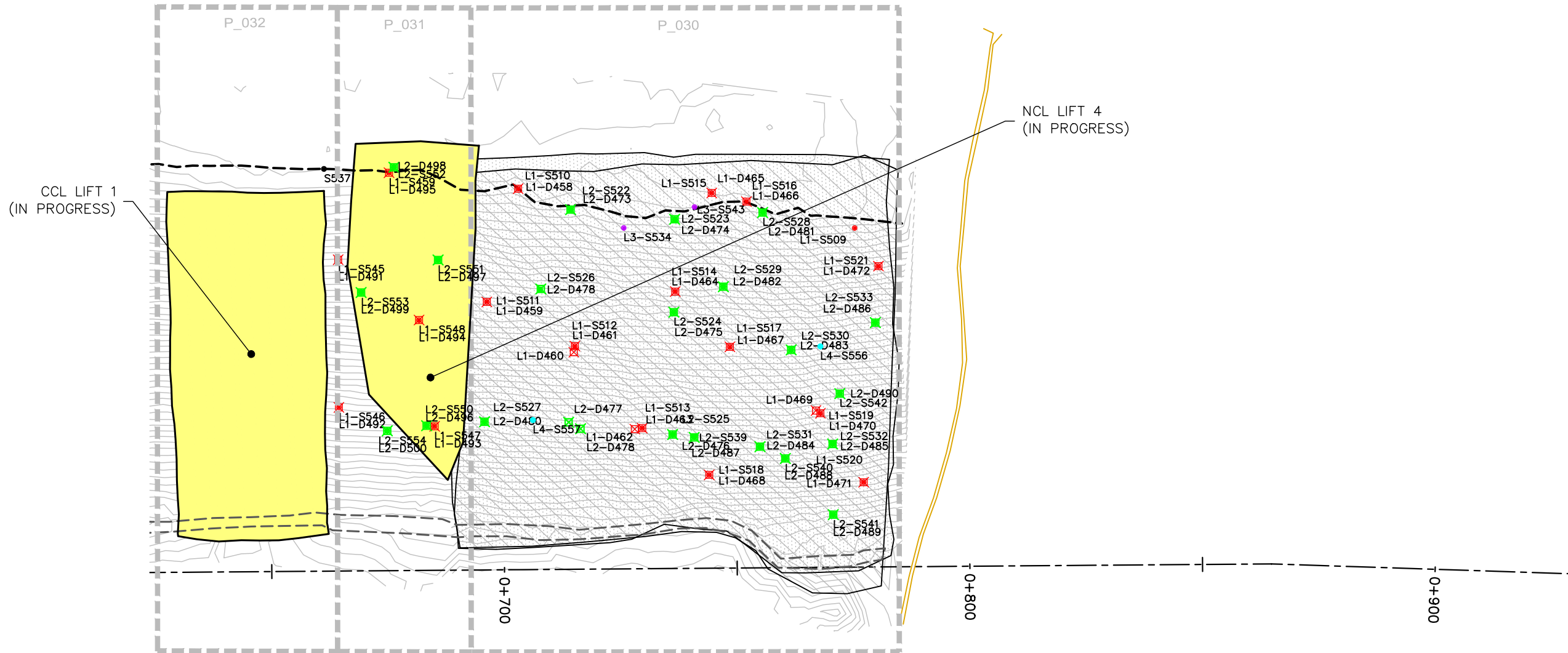
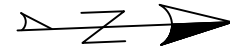
NCL LIFT 4

PLACED JULY 13, 2022 = 237m³
 PLACED TO DATE = 4,630m³

AREA COMPLETED

CCL COMPLETED TO DATE = 1.0506 ha
 NCL COMPLETED TO DATE = 0.8037 ha

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS

DATE	REMARKS

LEGEND

CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	JULY 13, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

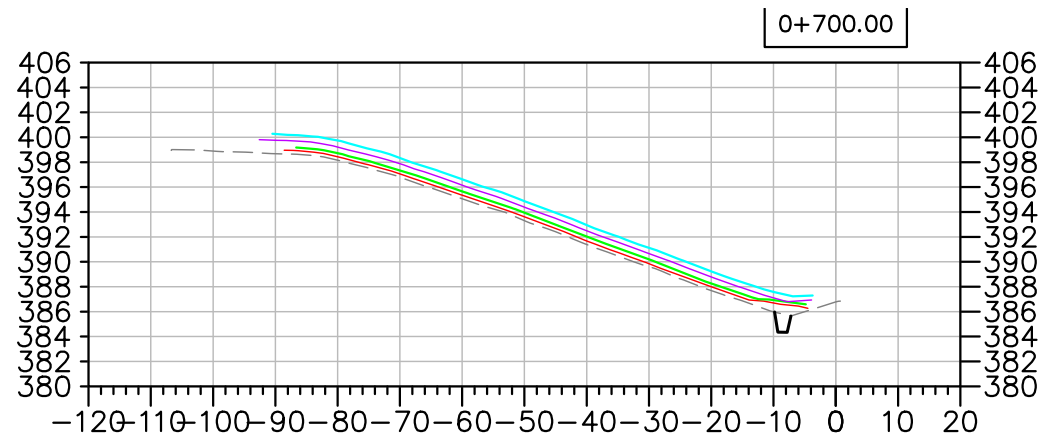
EMRS RECLAMATION – DAILY PROGRESS
 (JULY 13, 2022) SCALE: 1:1000

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 13, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
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EMRS RECLAMATION – DAILY PROGRESS

(JULY 13, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 14, 2022 = 0m³
 EXCAVATED TO DATE = 417m³

CCL LIFT 1

PLACED JULY 14, 2022 = 110m³
 PLACED TO DATE = 4,035m³

CCL LIFT 2

PLACED JULY 14, 2022 = 611m³
 PLACED TO DATE = 3,429m³

NCL LIFT 3

PLACED JULY 14, 2022 = 0m³
 PLACED TO DATE = 4,913m³

NCL LIFT 4

PLACED JULY 14, 2022 = 307m³
 PLACED TO DATE = 4,937m³

AREA COMPLETED

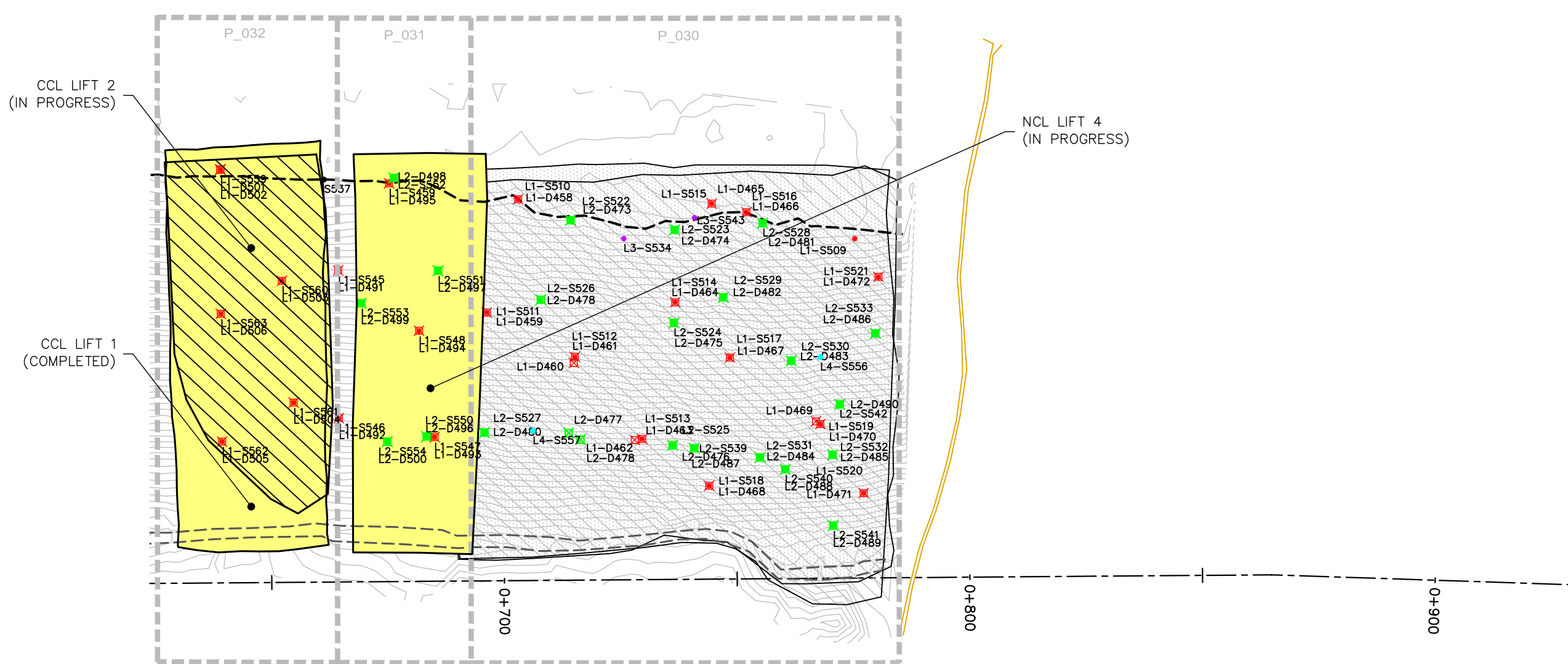
CCL COMPLETED TO DATE = 1.0506 ha
 NCL COMPLETED TO DATE = 0.8037 ha

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(JULY 14, 2022) SCALE: 1:1000

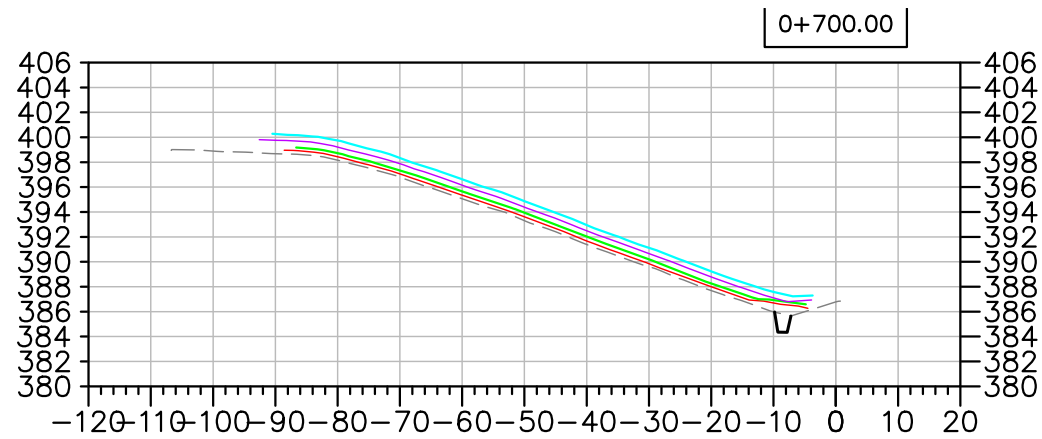
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	JULY 14, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 14, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.

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EMRS RECLAMATION – DAILY PROGRESS

(JULY 14, 2022) SCALE: N.T.S.

Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations



EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 15, 2022 = 0m³
EXCAVATED TO DATE = 417m³

CCL LIFT 1

PLACED JULY 15, 2022 = 0m³
PLACED TO DATE = 4,035m³

CCL LIFT 2

PLACED JULY 15, 2022 = 177m³
PLACED TO DATE = 3,606m³

NCL LIFT 3

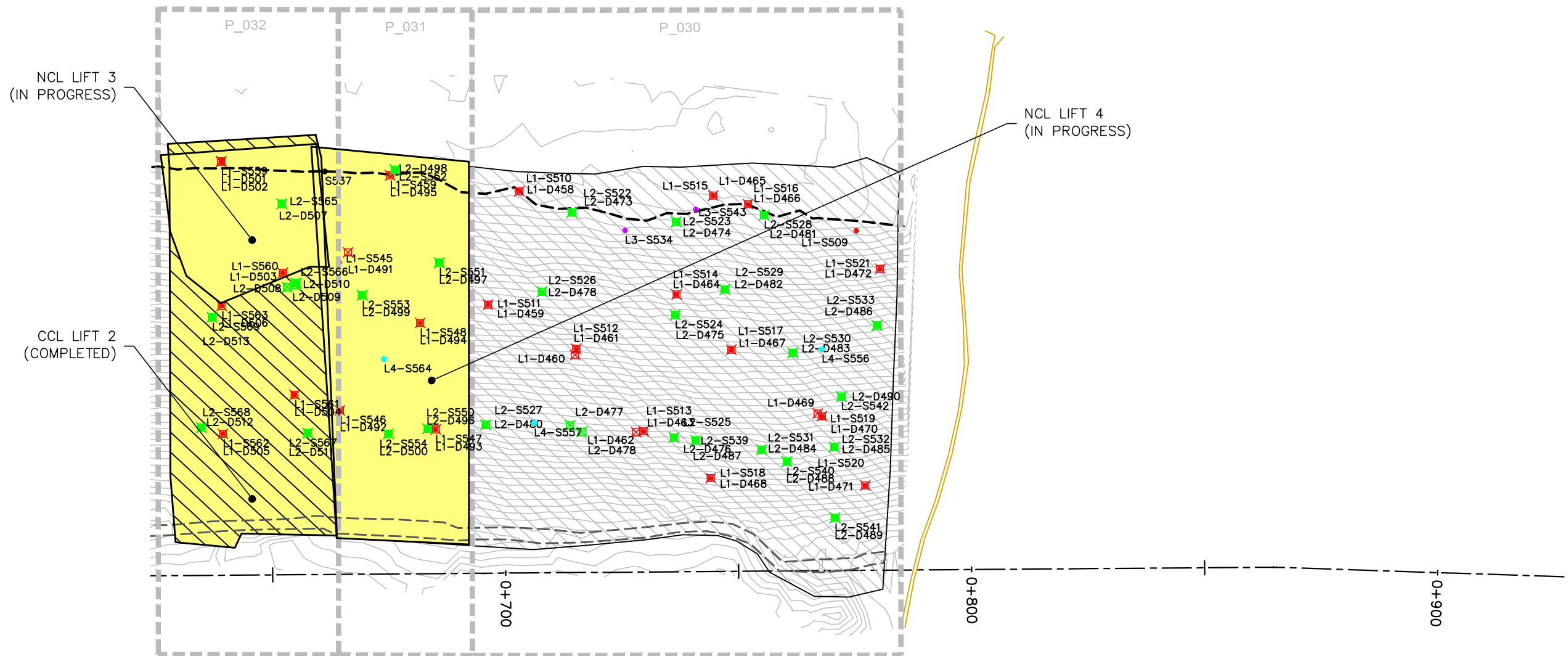
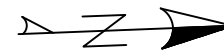
PLACED JULY 15, 2022 = 451m³
PLACED TO DATE = 5,364m³

NCL LIFT 4

PLACED JULY 15, 2022 = 0m³
PLACED TO DATE = 4,937m³

AREA COMPLETED

CCL COMPLETED TO DATE = 1.3366 ha
NCL COMPLETED TO DATE = 0.8037 ha



REVISIONS

DATE	REMARKS

LEGEND

CCL LIFT #1	
CCL LIFT #2	
NCL LIFT #3	
NCL LIFT #4	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
**NEW GOLD INC
RAINY RIVER
PROJECT**

DRAWING TITLE
**2022 EMRS
RECLAMATION**

PURPOSE
DAILY PROGRESS

DATE	JULY 15, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
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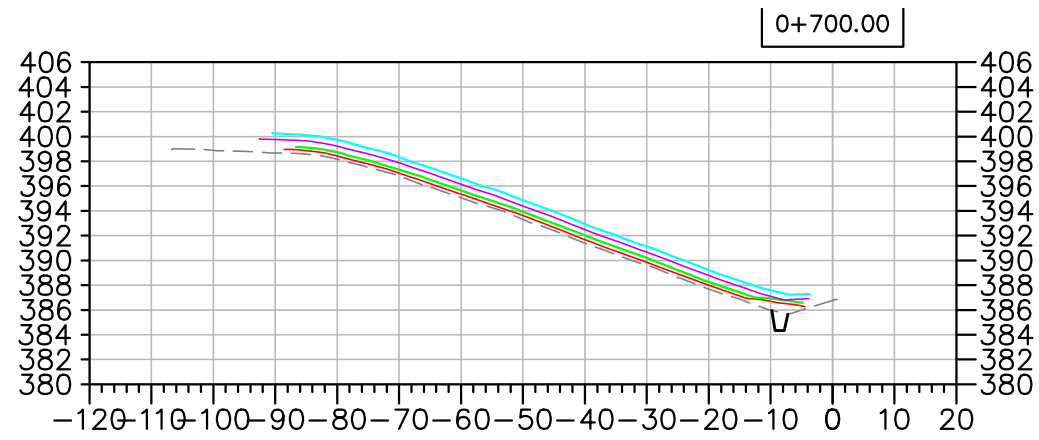
EMRS RECLAMATION – DAILY PROGRESS
(JULY 15, 2022) SCALE: 1:1000

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 15, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

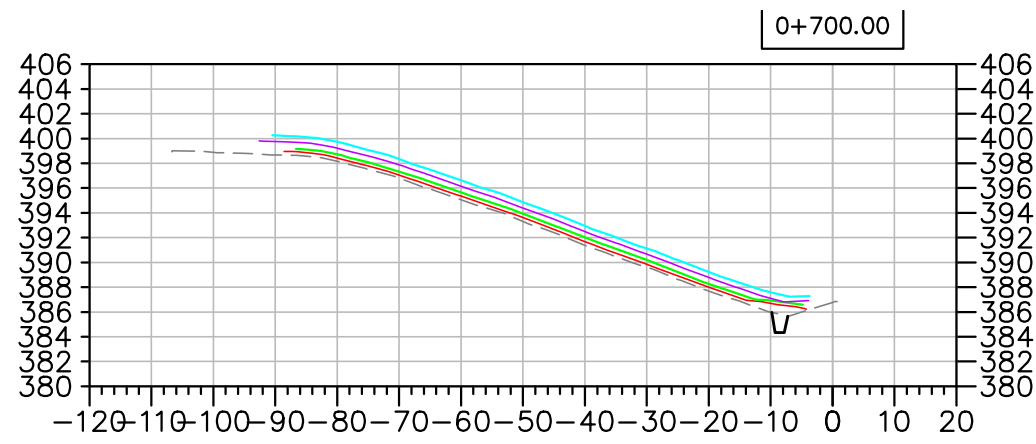
EMRS RECLAMATION – DAILY PROGRESS
(JULY 15, 2022) SCALE: N.T.S.

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 16, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
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EMRS RECLAMATION – DAILY PROGRESS
(JULY 16, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 17, 2022 = 74m³
 EXCAVATED TO DATE = 491m³

CCL LIFT 1

PLACED JULY 17, 2022 = 361m³
 PLACED TO DATE = 4,636m³

CCL LIFT 2

PLACED JULY 17, 2022 = 0m³
 PLACED TO DATE = 3,606m³

NCL LIFT 3

PLACED JULY 17, 2022 = 0m³
 PLACED TO DATE = 6,183m³

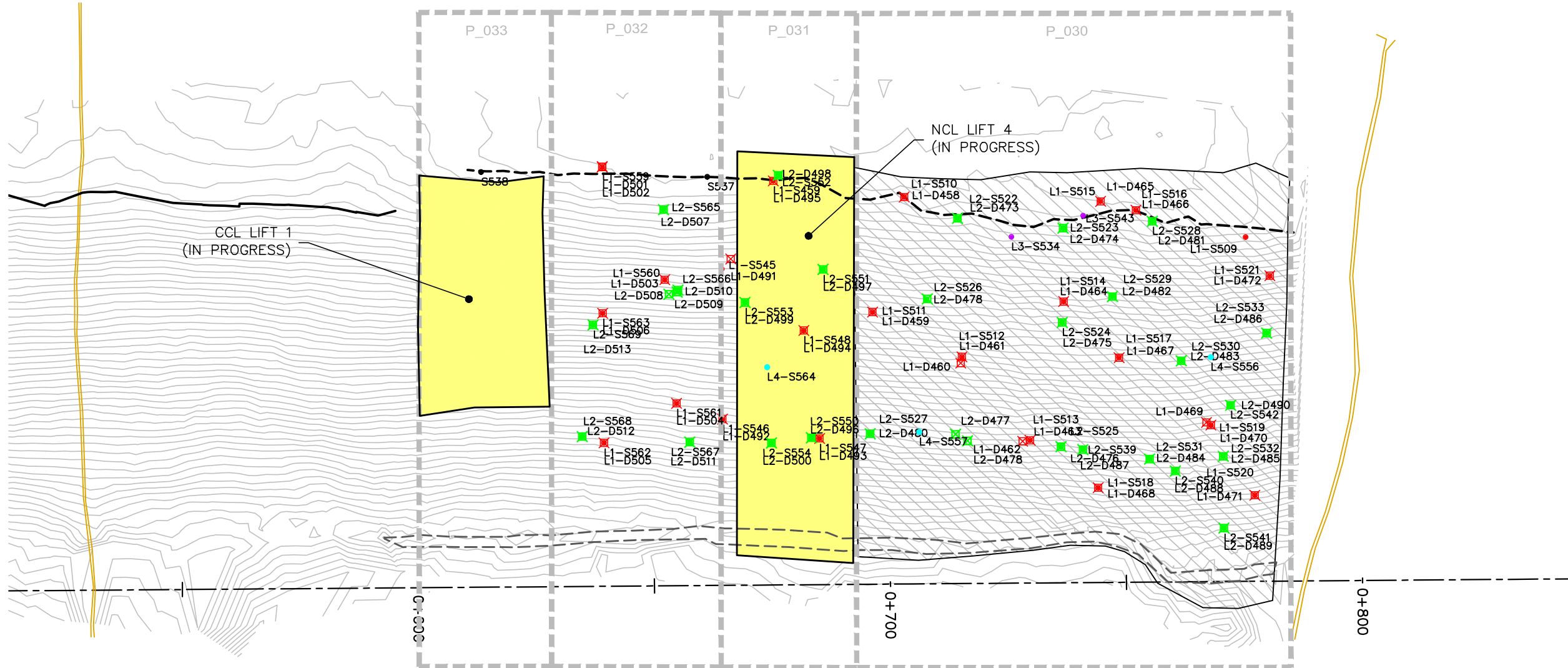
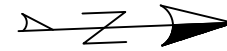
NCL LIFT 4

PLACED JULY 17, 2022 = 0m³
 PLACED TO DATE = 4,937m³

AREA COMPLETED

2022 CCL COMPLETED TO DATE = 1.3366 ha
 TOTAL CCL COMPLETED TO DATE (2020-2022) = 13.2901 ha

2022 NCL COMPLETED TO DATE = 0.8037 ha
 TOTAL NCL COMPLETED TO DATE (2020-2022) = 12.8592 ha



EMRS RECLAMATION – DAILY PROGRESS

(JULY 17, 2022) SCALE: 1:1000

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
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LEGEND	
COMPLETED	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
WVP WIRE	
WVP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
**NEW GOLD INC
 RAINY RIVER
 PROJECT**

DRAWING TITLE
**2022 EMRS
 RECLAMATION**

PURPOSE
DAILY PROGRESS

DATE
 JULY 17, 2022

DRAWN
 JTS

CHECKED
 NTS

SCALE
 NTS

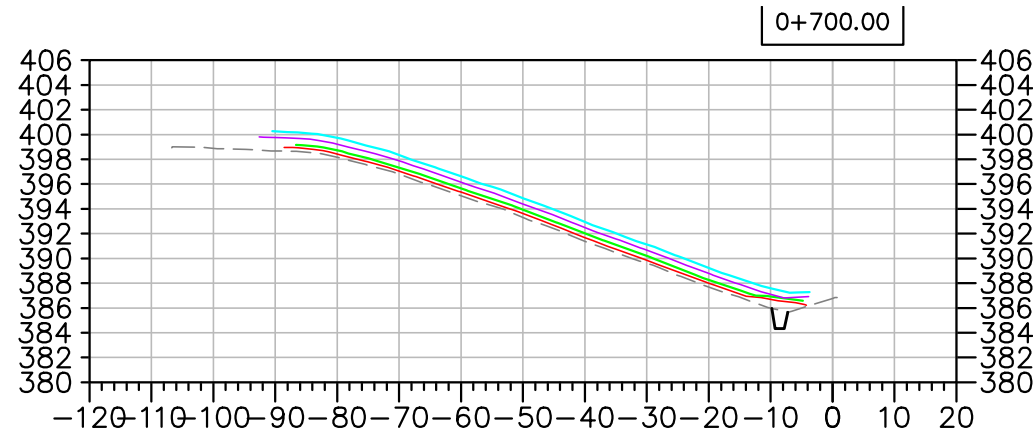
DWG. No. PROJECT No. PHASE No.
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REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
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DRAWN JTS

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DWG. No. PROJECT No. PHASE No.
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EMRS RECLAMATION – DAILY PROGRESS

(JULY 17, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 21, 2022 = 0m³
 EXCAVATED TO DATE = 491m³

CCL LIFT 1

PLACED JULY 21, 2022 = 0m³
 PLACED TO DATE = 4,636m³

CCL LIFT 2

PLACED JULY 21, 2022 = 0m³
 PLACED TO DATE = 3,606m³

NCL LIFT 3

PLACED JULY 21, 2022 = 0m³
 PLACED TO DATE = 6,183m³

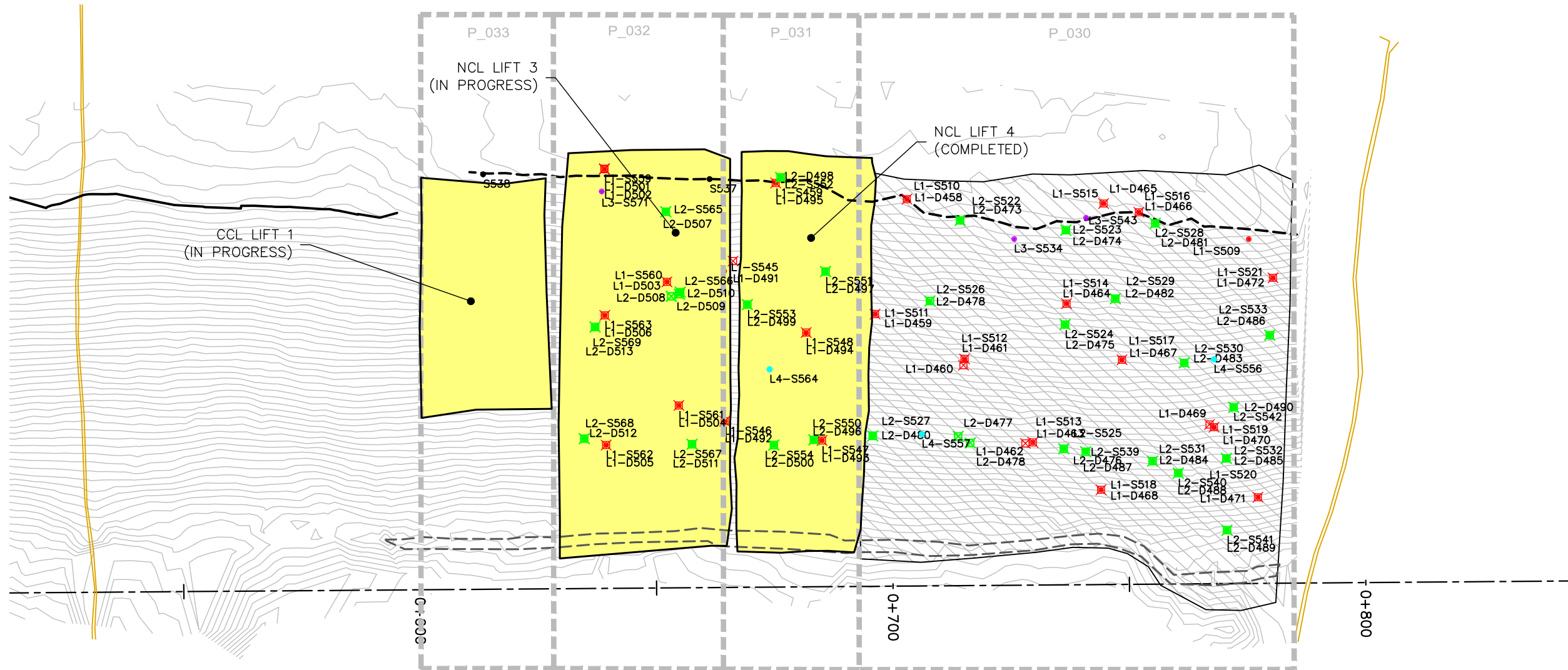
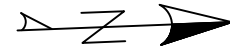
NCL LIFT 4

PLACED JULY 21, 2022 = 0m³
 PLACED TO DATE = 4,937m³

AREA COMPLETED

2022 CCL COMPLETED TO DATE = 1.3366 ha
 TOTAL CCL COMPLETED TO DATE (2020-2022) = 13.2901 ha

2022 NCL COMPLETED TO DATE = 1.0156 ha
 TOTAL NCL COMPLETED TO DATE (2020-2022) = 13.0711 ha



EMRS RECLAMATION – DAILY PROGRESS

(JULY 21, 2022) SCALE: 1:1000

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
COMPLETED	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
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PURPOSE
 DAILY PROGRESS

DATE JULY 21, 2022

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CHECKED

SCALE NTS

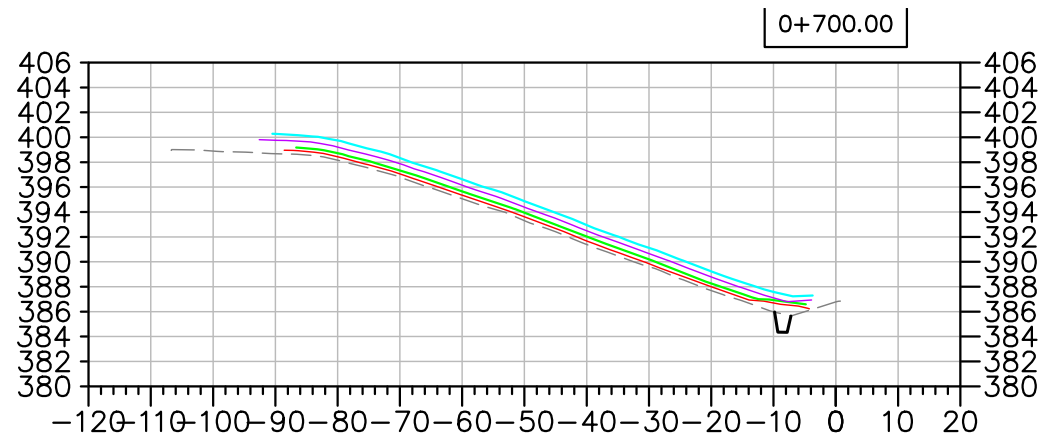
DWG. No. PROJECT No. PHASE No.
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REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

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2022 EMRS
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EMRS RECLAMATION – DAILY PROGRESS
(JULY 21, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 22, 2022 = 0m³
 EXCAVATED TO DATE = 491m³

CCL LIFT 1

PLACED JULY 22, 2022 = 134m³
 PLACED TO DATE = 4,770m³

CCL LIFT 2

PLACED JULY 22, 2022 = 0m³
 PLACED TO DATE = 3,606m³

NCL LIFT 3

PLACED JULY 22, 2022 = 0m³
 PLACED TO DATE = 6,183m³

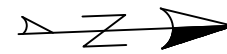
NCL LIFT 4

PLACED JULY 22, 2022 = 0m³
 PLACED TO DATE = 4,937m³

AREA COMPLETED

2022 CCL COMPLETED TO DATE = 1.3366 ha
 TOTAL CCL COMPLETED TO DATE (2020-2022) = 13.2901 ha

2022 NCL COMPLETED TO DATE = 1.0156 ha
 TOTAL NCL COMPLETED TO DATE (2020-2022) = 13.0711 ha

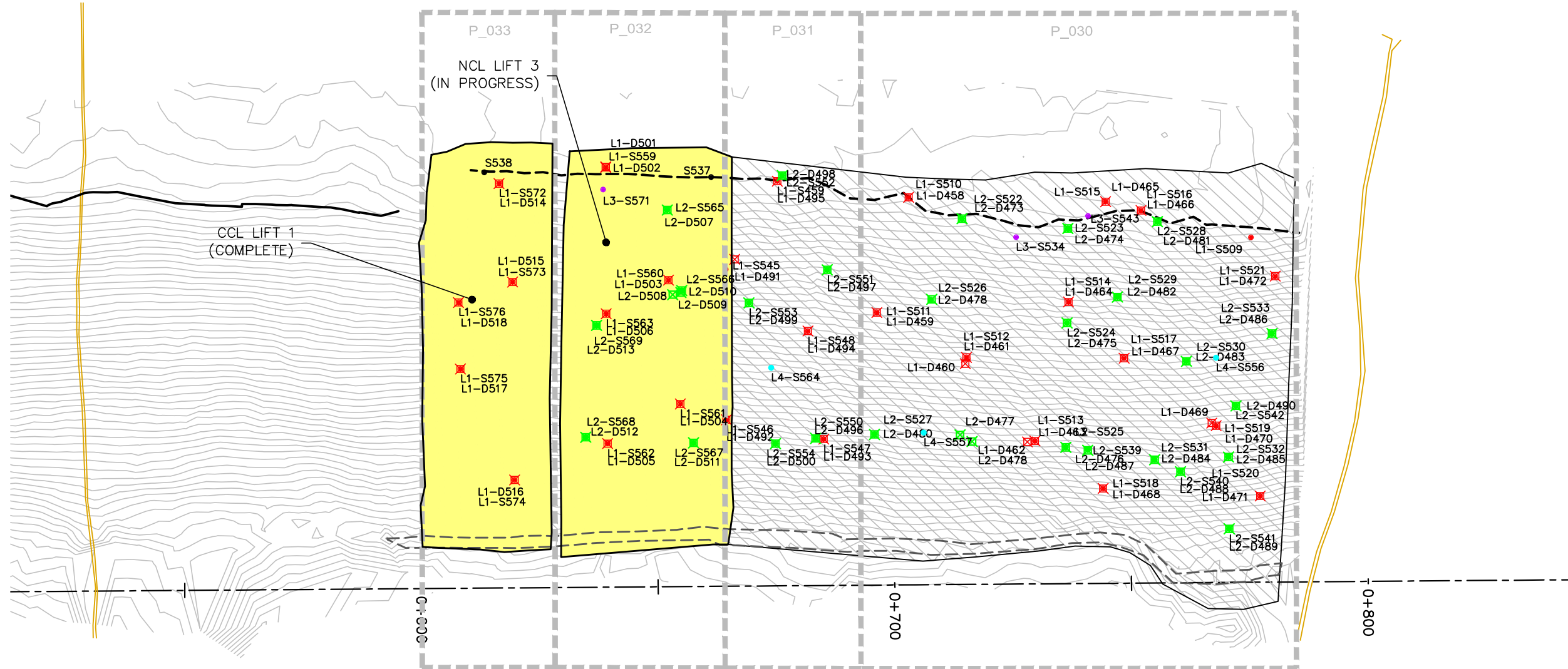


Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
COMPLETED	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
WVP WIRE	
WVP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION – DAILY PROGRESS

(JULY 22, 2022) SCALE: 1:1000

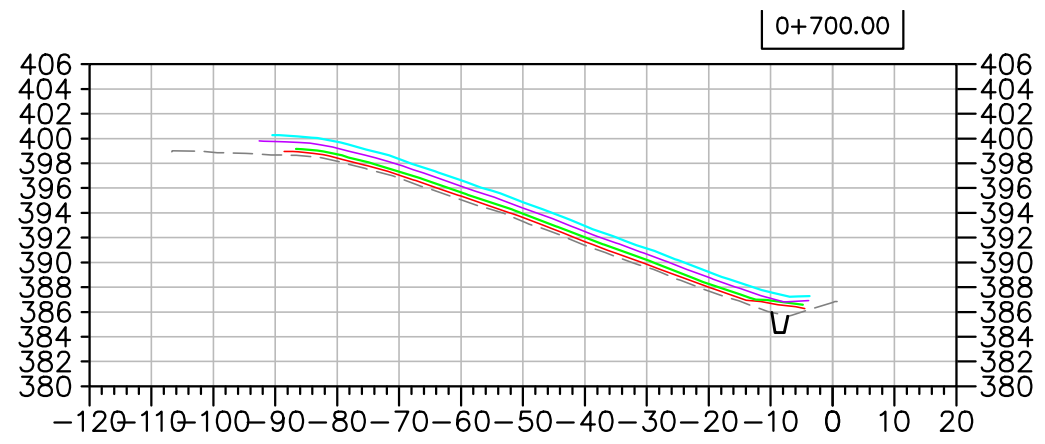
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	JULY 22, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
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REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
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DAILY PROGRESS

DATE JULY 22, 2022

DRAWN JTS

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SCALE NTS

DWG. No. PROJECT No. PHASE No.
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EMRS RECLAMATION – DAILY PROGRESS
(JULY 22, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 25, 2022 = 0m³
 EXCAVATED TO DATE = 491m³

CCL LIFT 1

PLACED JULY 25, 2022 = 0m³
 PLACED TO DATE = 4,770m³

CCL LIFT 2

PLACED JULY 25, 2022 = 451m³
 PLACED TO DATE = 4,057m³

NCL LIFT 3

PLACED JULY 25, 2022 = 212m³
 PLACED TO DATE = 6,395m³

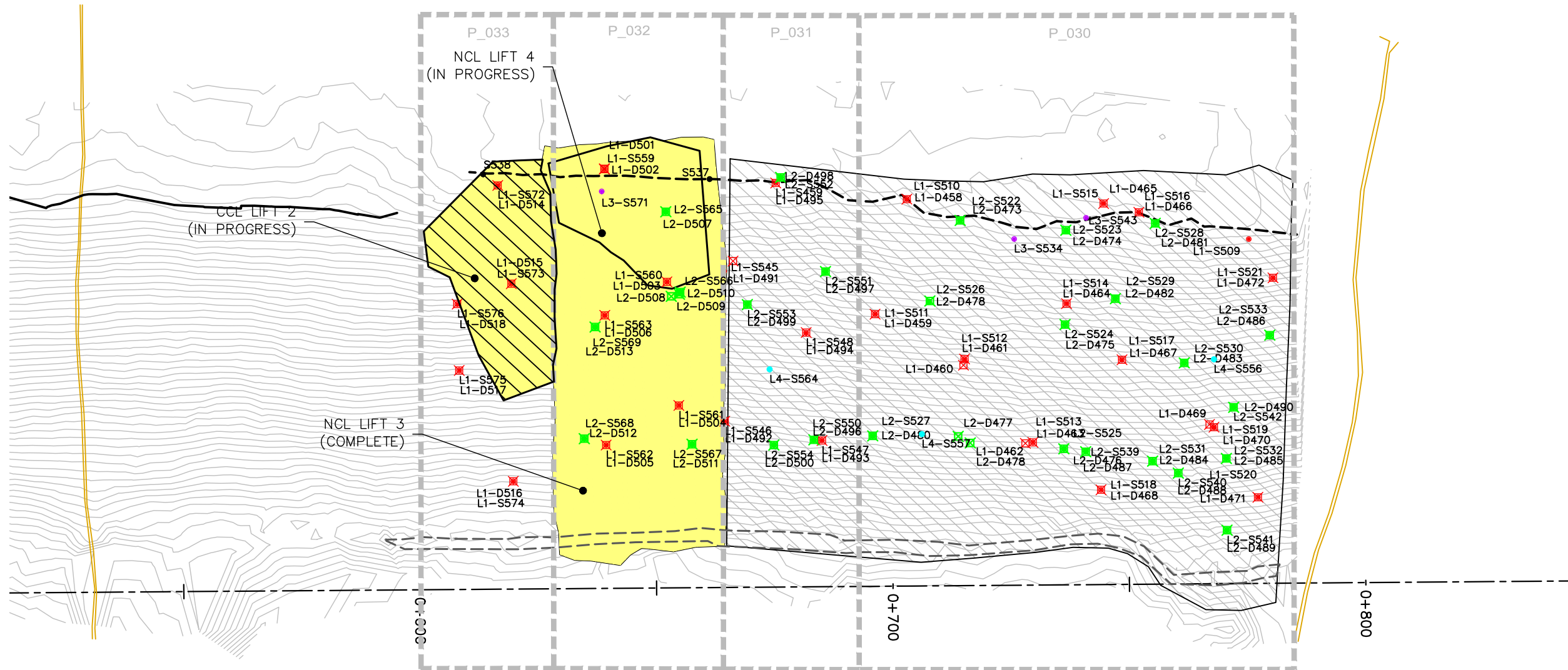
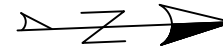
NCL LIFT 4

PLACED JULY 25, 2022 = 584m³
 PLACED TO DATE = 5,521m³

AREA COMPLETED

2022 CCL COMPLETED TO DATE = 1.3366 ha
 TOTAL CCL COMPLETED TO DATE (2020-2022) = 13.2901 ha

2022 NCL COMPLETED TO DATE = 1.0156 ha
 TOTAL NCL COMPLETED TO DATE (2020-2022) = 13.0711 ha



EMRS RECLAMATION – DAILY PROGRESS

(JULY 25, 2022) SCALE: 1:1000

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
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COMPLETED	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE JULY 25, 2022

DRAWN JTS

CHECKED

SCALE NTS

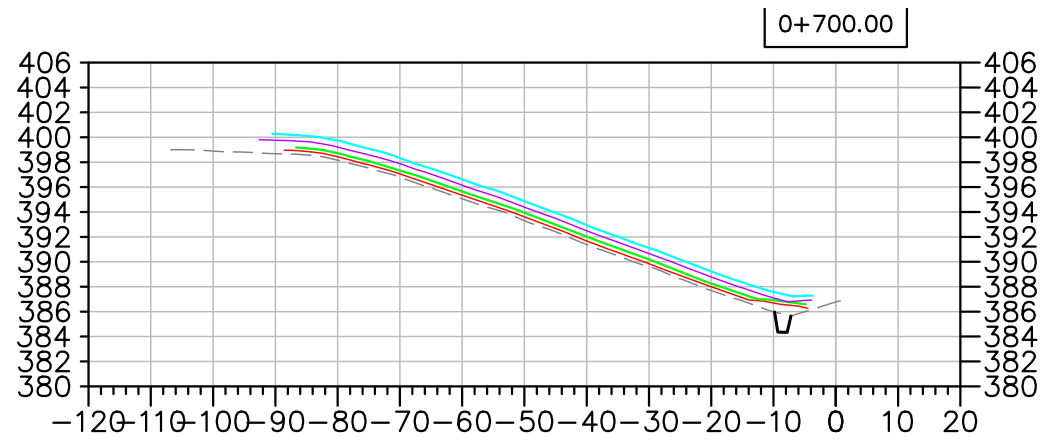
DWG. No. PROJECT No. PHASE No.
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REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
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DATE	JULY 25, 2022
DRAWN	JTS
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DWG. No.	PROJECT No.	PHASE No.
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EMRS RECLAMATION – DAILY PROGRESS
(JULY 25, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 29, 2022 = 0m³
 EXCAVATED TO DATE = 491m³

CCL LIFT 1

PLACED JULY 29, 2022 = 0m³
 PLACED TO DATE = 4,770m³

CCL LIFT 2

PLACED JULY 29, 2022 = 169m³
 PLACED TO DATE = 4,226m³

NCL LIFT 3

PLACED JULY 29, 2022 = 0m³
 PLACED TO DATE = 6,395m³

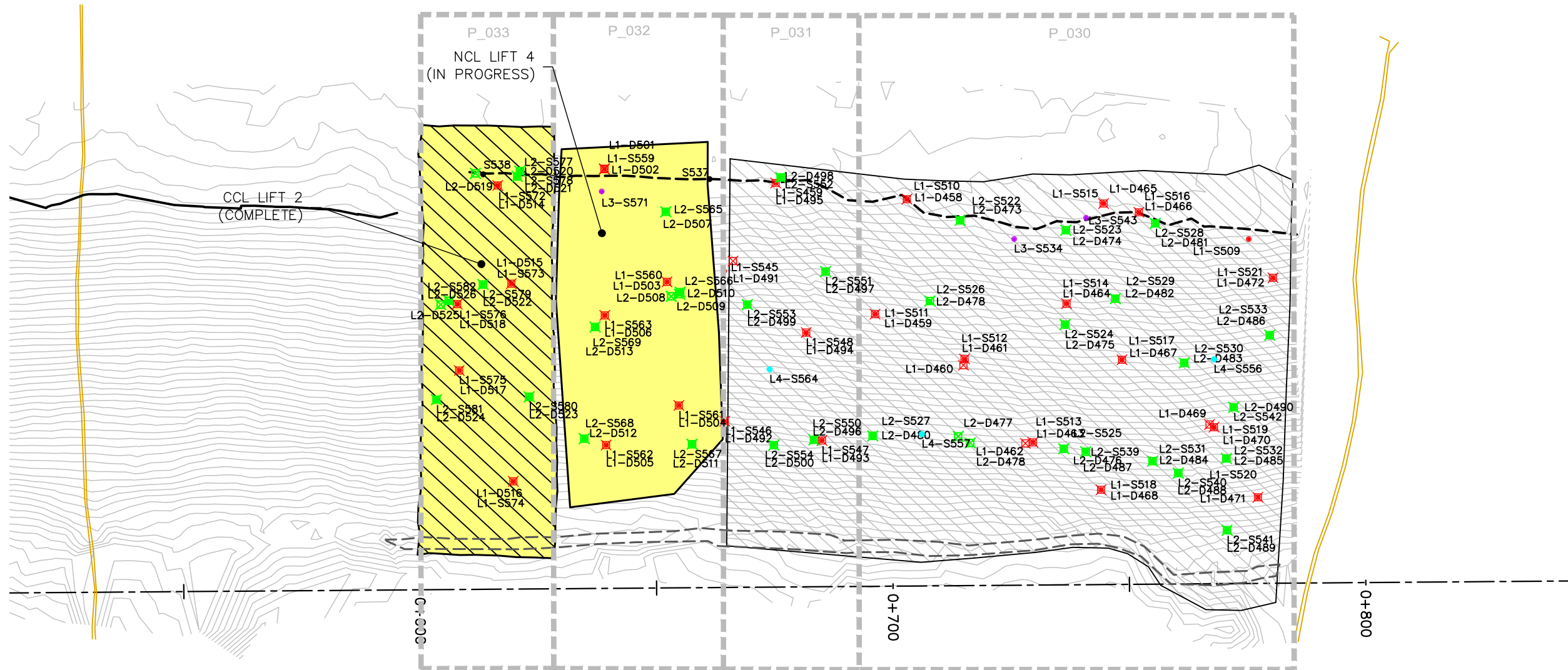
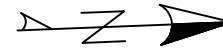
NCL LIFT 4

PLACED JULY 29, 2022 = 274m³
 PLACED TO DATE = 5,795m³

AREA COMPLETED

2022 CCL COMPLETED TO DATE = 1.5945 ha
 TOTAL CCL COMPLETED TO DATE (2020-2022) = 13.5480 ha

2022 NCL COMPLETED TO DATE = 1.0156 ha
 TOTAL NCL COMPLETED TO DATE (2020-2022) = 13.0711 ha



EMRS RECLAMATION – DAILY PROGRESS

(JULY 29, 2022) SCALE: 1:1000

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
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COMPLETED	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE JULY 29, 2022

DRAWN JTS

CHECKED

SCALE NTS

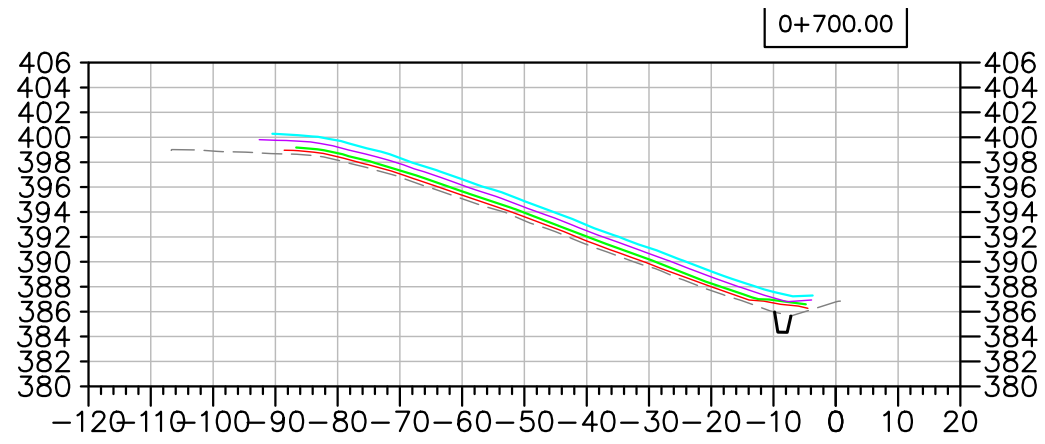
DWG. No. PROJECT No. PHASE No.
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REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
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PURPOSE
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DATE JULY 29, 2022

DRAWN JTS

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DWG. No.	PROJECT No.	PHASE No.
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EMRS RECLAMATION – DAILY PROGRESS
(JULY 29, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 30, 2022 = 0m³
 EXCAVATED TO DATE = 491m³

CCL LIFT 1

PLACED JULY 30, 2022 = 0m³
 PLACED TO DATE = 4,770m³

CCL LIFT 2

PLACED JULY 30, 2022 = 0m³
 PLACED TO DATE = 4,226m³

NCL LIFT 3

PLACED JULY 30, 2022 = 1,204m³
 PLACED TO DATE = 7,599m³

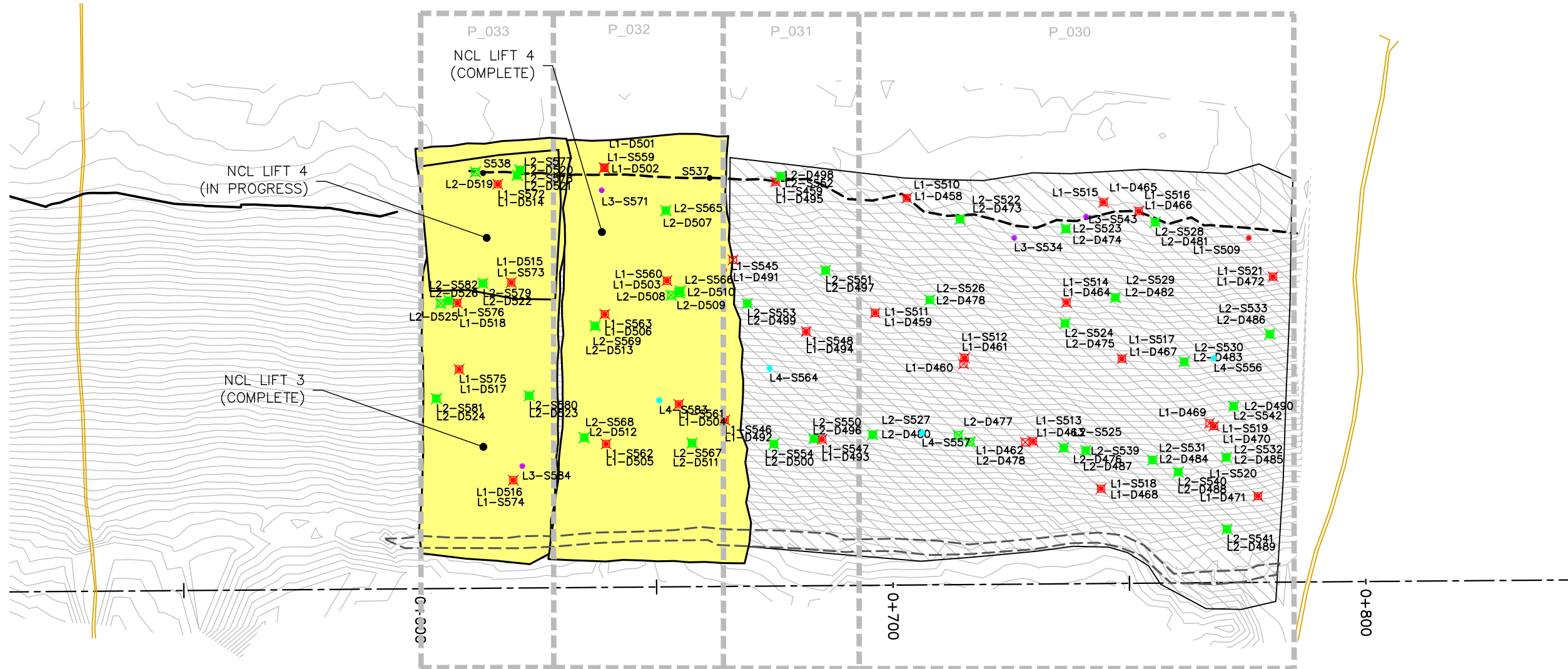
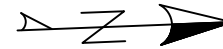
NCL LIFT 4

PLACED JULY 30, 2022 = 951m³
 PLACED TO DATE = 6,746m³

AREA COMPLETED

2022 CCL COMPLETED TO DATE = 1.5945 ha
 TOTAL CCL COMPLETED TO DATE (2020-2022) = 13.5480 ha

2022 NCL COMPLETED TO DATE = 1.3589 ha
 TOTAL NCL COMPLETED TO DATE (2020-2022) = 13.4144 ha



EMRS RECLAMATION – DAILY PROGRESS

(JULY 30, 2022) SCALE: 1:1000

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
COMPLETED	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE JULY 30, 2022

DRAWN JTS

CHECKED

SCALE NTS

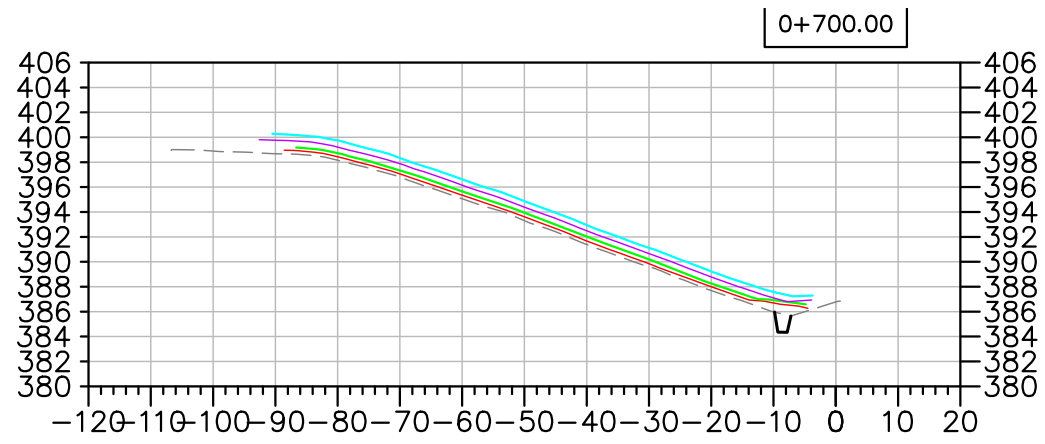
DWG. No. PROJECT No. PHASE No.
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REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geodetic Elevations

PROJECT TITLE
NEW GOLD INC
RAINY RIVER
PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 30, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
X-1	19-1138	119

EMRS RECLAMATION – DAILY PROGRESS
(JULY 30, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED JULY 31, 2022 = 0m³
 EXCAVATED TO DATE = 491m³

CCL LIFT 1

PLACED JULY 31, 2022 = 0m³
 PLACED TO DATE = 4,770m³

CCL LIFT 2

PLACED JULY 31, 2022 = 0m³
 PLACED TO DATE = 4,226m³

NCL LIFT 3

PLACED JULY 31, 2022 = 0m³
 PLACED TO DATE = 7,599m³

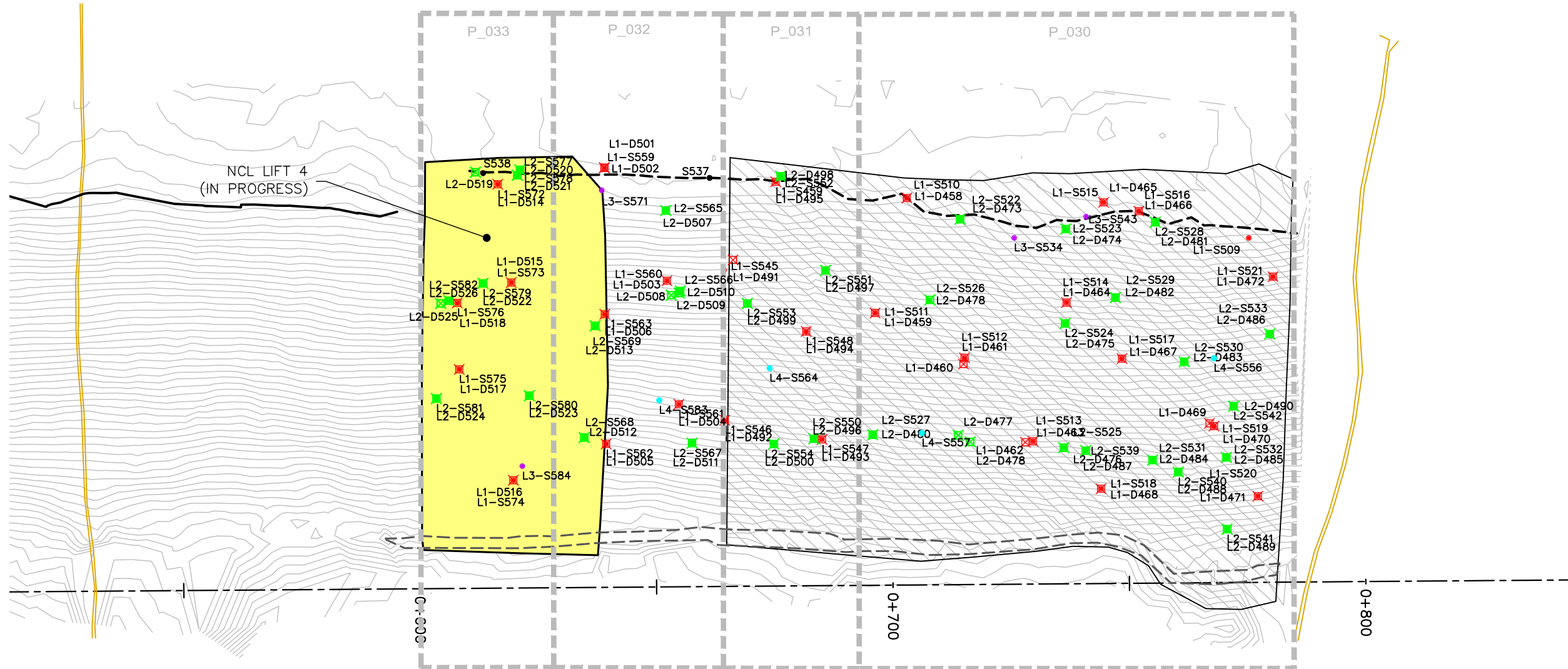
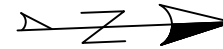
NCL LIFT 4

PLACED JULY 31, 2022 = 1,015m³
 PLACED TO DATE = 7,761m³

AREA COMPLETED

2022 CCL COMPLETED TO DATE = 1.5945 ha
 TOTAL CCL COMPLETED TO DATE (2020-2022) = 13.5480 ha

2022 NCL COMPLETED TO DATE = 1.3589 ha
 TOTAL NCL COMPLETED TO DATE (2020-2022) = 13.4144 ha



EMRS RECLAMATION – DAILY PROGRESS

(JULY 31, 2022) SCALE: 1:1000

Horizontal Datum:
 North American Datum 1983 (NAD83)
 6 Degree Universal Transverse Mercator
 (UTM) Grid Coordinates, Zone 15.
 Vertical Datum:
 Canadian Geodetic Vertical Datum,
 1928 Adjustment, Geodetic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
COMPLETED	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	

PROJECT TITLE
 NEW GOLD INC
 RAINY RIVER
 PROJECT

DRAWING TITLE
 2022 EMRS
 RECLAMATION

PURPOSE
 DAILY PROGRESS

DATE JULY 31, 2022

DRAWN JTS

CHECKED

SCALE NTS

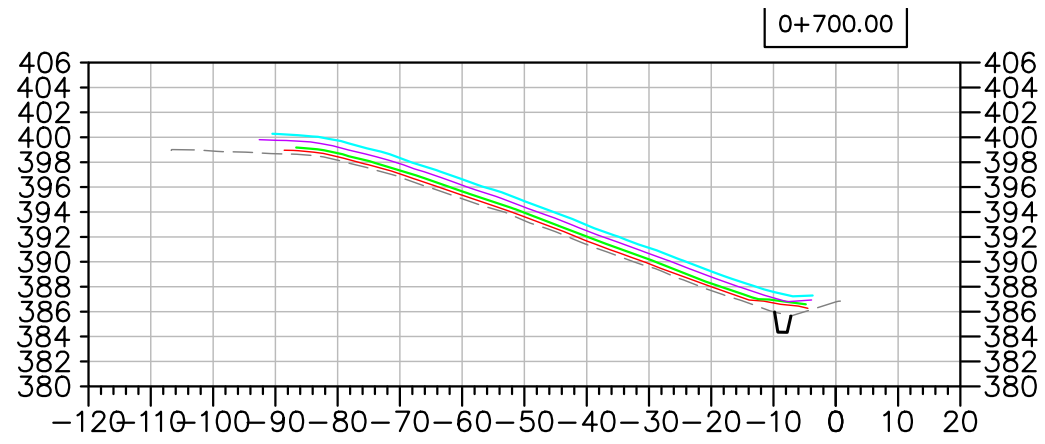
DWG. No. PROJECT No. PHASE No.
 D-1 19-1138 119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



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PROJECT TITLE
NEW GOLD INC
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PROJECT

DRAWING TITLE
2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE JULY 31, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No.	PROJECT No.	PHASE No.
X-1	19-1138	119

EMRS RECLAMATION – DAILY PROGRESS
(JULY 31, 2022) SCALE: N.T.S.

EMRS RECLAMATION

KEY TRENCH EXCAVATION

EXCAVATED AUG 2, 2022 = 0m³
EXCAVATED TO DATE = 491m³

CCL LIFT 1

PLACED AUG 2, 2022 = 0m³
PLACED TO DATE = 4,770m³

CCL LIFT 2

PLACED AUG 2, 2022 = 0m³
PLACED TO DATE = 4,226m³

NCL LIFT 3

PLACED AUG 2, 2022 = 0m³
PLACED TO DATE = 7,599m³

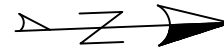
NCL LIFT 4

PLACED AUG 2, 2022 = -116m³
PLACED TO DATE = 7,645m³

AREA COMPLETED

2022 CCL COMPLETED TO DATE = 1.5945 ha
TOTAL CCL COMPLETED TO DATE (2020-2022) = 13.5480 ha

2022 NCL COMPLETED TO DATE = 1.6044 ha
TOTAL NCL COMPLETED TO DATE (2020-2022) = 13.6599 ha

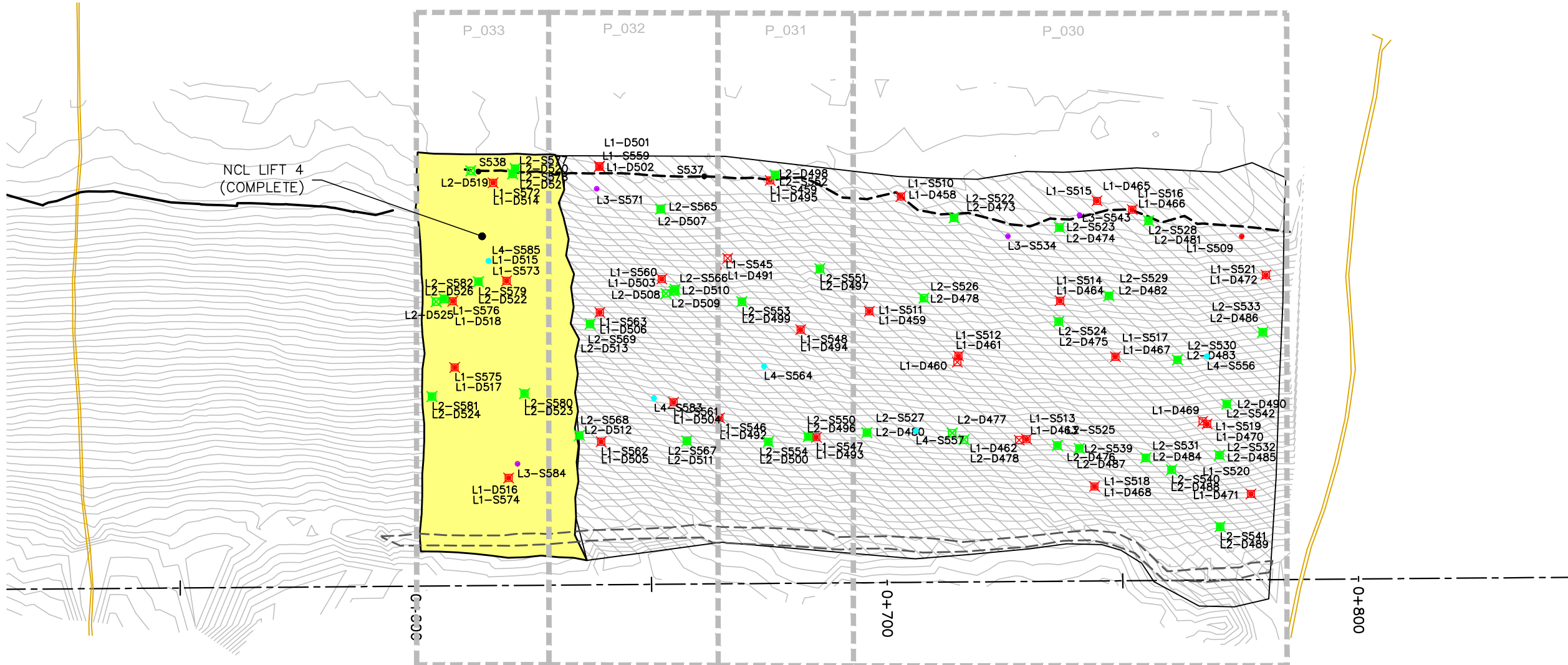


Horizontal Datum:
North American Datum 1983 (NAD83)
6 Degree Universal Transverse Mercator
(UTM) Grid Coordinates, Zone 15.
Vertical Datum:
Canadian Geodetic Vertical Datum,
1928 Adjustment, Geoidic Elevations



REVISIONS	
DATE	REMARKS

LEGEND	
COMPLETED	
KEY TRENCH	
LIFT #1 COMP. TEST SAMPLE	
LIFT #2 COMP. TEST SAMPLE	
LIFT #3 COMP. TEST SAMPLE	
LIFT #4 COMP. TEST SAMPLE	
VWP WIRE	
VWP WIRE BURRITO	
PLACED TODAY	
CCL LIFT 2 PLACED TODAY	



EMRS RECLAMATION — DAILY PROGRESS

(AUG 2, 2022) SCALE: 1:1000

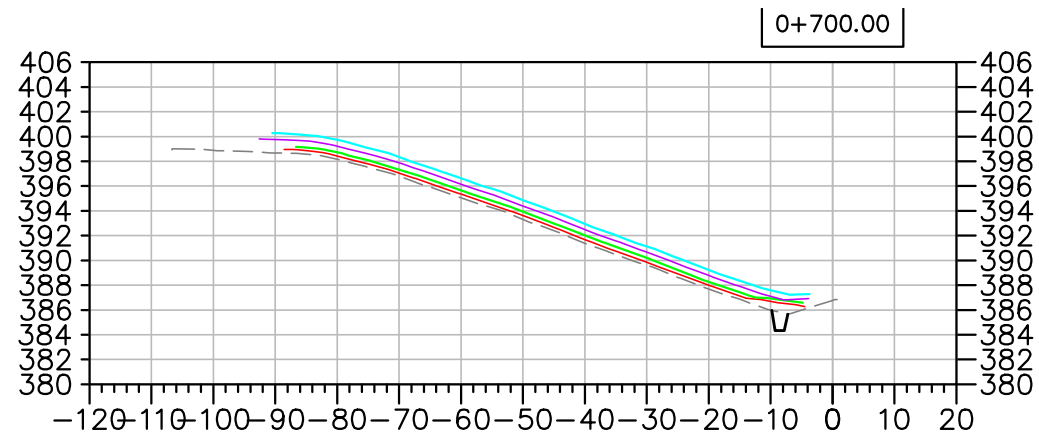
PROJECT TITLE		
NEW GOLD INC RAINY RIVER PROJECT		
DRAWING TITLE		
2022 EMRS RECLAMATION		
PURPOSE		
DAILY PROGRESS		
DATE	AUG 2, 2022	
DRAWN	JTS	
CHECKED		
SCALE	NTS	
DWG. No.	PROJECT No.	PHASE No.
D-1	19-1138	119

REVISIONS

DATE	REMARKS

LEGEND

- EXISTING ROCK STOCKPILE ---
- CCL LIFT #1 —
- CCL LIFT #2 —
- NCL LIFT #3 —
- NCL LIFT #4 —
- KEY TRENCH —



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PROJECT TITLE
NEW GOLD INC
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2022 EMRS
RECLAMATION CROSS
SECTIONS

PURPOSE
DAILY PROGRESS

DATE AUG 2, 2022

DRAWN JTS

CHECKED

SCALE NTS

DWG. No. PROJECT No. PHASE No.
X-1 19-1138 119

EMRS RECLAMATION – DAILY PROGRESS
(AUG 2, 2022) SCALE: N.T.S.

Appendix D

Panel Completion, Activities Summary, and Tulloch Daily Reports

Table D:1 Panel Approval Summary

Date	Panel	Description of Activities	URI	Start Station	End Station	Volume Placed (from placement mat) (m ³)	Compaction Trial Completed?	Cumulative Area (ha) (CCL)	Panel Area (ha) (CCL)	Cumulative Area (ha) (NCL)	Panel Area (ha) (NCL)	PANEL
26-May-22	P30	APPROVED	1	0+783	0+690	2379	4 PASSES W. ROLLER					
END OF MAY												
END OF JUNE												
05-Jul-22	P30	APPROVED	2	0+783	0+690	2205	4 PASSES W. ROLLER	0.7913	0.7913	0.8037	0.8037	30
02-Jul-22	P30	COMPLETE	3	0+783	0+690	3595						
10-Jul-22	P30	COMPLETE	4	0+783	0+690	3744						
09-Jul-22	P31	APPROVED	1	0+690	0+661	845	4 PASSES W. ROLLER					
06-Jul-22	P31	APPROVED	2	0+690	0+661	613	4 PASSES W. ROLLER	1.0506	0.2593	1.0156	0.2119	31
07-Jul-22	P31	COMPLETE	3	0+690	0+661	1318						
21-Jul-22	P31	COMPLETE	8	0+690	0+661	1153						
14-Jul-22	P32	APPROVED	1	0+661	0+630	811	4 PASSES W. ROLLER					
15-Jul-22	P32	APPROVED	2	0+661	0+630	788	4 PASSES W. ROLLER	1.3366	0.286	1.3589	0.3433	32
25-Jul-22	P32	COMPLETE	3	0+661	0+630	1482						
30-Jul-22	P32	COMPLETE	4	0+661	0+630	1476						
22-Jul-22	P33	APPROVED	1	0+630	0+600	735	4 PASSES W. ROLLER					
29-Jul-22	P33	APPROVED	2	0+630	0+600	620	4 PASSES W. ROLLER	1.5945	0.2579	1.6044	0.2455	33
20-Jul-22	P33	COMPLETE	3	0+630	0+600	1204						
END OF JULY												
02-Aug-22	P33	COMPLETE	4	0+630	0+600	1231.85						
				Total		24239.85		CHECK	1.5945	CHECK	1.6044	

Table D:2 Construction Activities Summary

Date	Panel	LIB	Description	Location	Location	Compaction Tests	Samples Taken	Borehole Penetrometer	Select Comments
APRIL 28 - MAY 18, 2022	N/A	N/A	CONTINUOUS STOCKPILE SAMPLING AND SLOPE REMEDIATION FOR 2022 SEASON	N/A	N/A	N/A	EMR522_FR_S499-S508 EMR522_AT_S499-S508 EMR522_HY_S499-S508 EMR522_MC_S499-S508	N/A	OKANE NOT YET ON SITE FOR COA SERVICES. TULLOCH ON SITE FOR SLOPE REMEDIATION AND STOCKPILE SAMPLING IN PREPARATION FOR 2022 COVER CONSTRUCTION
21-May-22	N/A	N/A	SLOPE REMEDIATION COMPLETED	D-783	D-690	N/A	N/A	N/A	OKANE COA FIRST DAY ON SITE
22-May-22	N/A	N/A	SLOPE READY FOR MATERIAL PLACEMENT	D-783	D-690	N/A	N/A	N/A	SLOPE READY FOR MATERIAL PLACEMENT ON MAY 23RD START DATE
23-May-22	P30	L1	P30, L1 PLACEMENT STARTED	D-783	D-690	N/A	EMR522_FR_L1_S509 EMR522_AT_L1_S509 EMR522_HY_L1_S509 EMR522_MC_L1_S509	N/A	2022 COVER SYSTEM CONSTRUCTION STARTED
24-May-22	P30	L1	P30 KEY TRENCH AND PANEL WIDENED	D-783	D-690	N/A	N/A	N/A	EVENING RAIN FORCED P30, L1 MATERIAL TO BE GIVEN TIME TO DRY. NEW GOLD MADE DECISION TO WIDEN P30 TO 95M WHILE MATERIAL DRIES
25-May-22	P30	L1/L2	P30, L1 SOUTH 1/2 APPROVED	D-783	D-690	EMR522_F30_L1_D458-D465	EMR522_MC_S510-S515 EMR522_AT_F30_L1_S514 EMR522_HY_F30_L1_S514 EMR522_FR_F30_L1_S514 EMR522_AT_F30_L1_S515 EMR522_HY_F30_L1_S515	N/A	South 1/2 of P30, L1 approved to start L2 placement
26-May-22	P30	L1/L2	P30, L1 NORTH HALF APPROVED	D-783	D-690	EMR522_F30_L1_D466-D472	EMR522_HY_F30_L1_S516-S521 EMR522_FR_F30_L1_S521 EMR522_AT_F30_L1_S521	N/A	NORTH 1/2 OF P30, L1 APPROVED. P30, L2
27-May-22	P30	L2/L3	P30, L2 APPROVED	D-783	D-690	EMR522_F30_L2_D473-D486	EMR522_MC_F30_L2_S522-S533 EMR522_HY_F30_L2_S523 EMR522_AT_F30_L2_S523 EMR522_FR_F30_L2_S523 EMR522_HY_F30_L2_S523	N/A	P30, L2 APPROVED AND L3 PLACEMENT STARTED
28-May-22	P30	L3	P30, L3 IN PROGRESS	D-783	D-690	N/A	N/A	N/A	DUE TO LARGE PANEL SIZE AND ONLY ONE OPERATOR AVAILABLE NEW GOLD HAD ISSUES COVERING P30, L2 IN A TIMELY MANNER. DESICCATION ON THE SOUTH 1/2 OF THE PANEL REACHED THE POINT OF CONCERN AROUND 16:00. AT THAT POINT IT WAS DETERMINED THAT THE BEST OPTION WAS TO CONTINUE COVERING THE MATERIAL WITH M-CST HCL.
29-May-22	P30	L3	P30, L3 IN PROGRESS	D-783	D-690	N/A	EMR522_MC_F30_L3_S534 EMR522_FR_F30_L3_S534 EMR522_HY_F30_L3_S534 EMR522_AT_F30_L3_S534 OKANE COMPARISON 5354 (3RD PARTY)	N/A	SCATTERED LIGHT SHOWERS AIDED IN REHYDRATING P30, L2 DURING L3 PLACEMENT. LIGHTNING STOPPAGE FROM 11:00 - 14:00 CONTAINED PERIODS OF HEAVY RAIN RESULTING IN WET CONDITIONS AND STANDING WATER. CONSTRUCTION STOPPED FOLLOWING LIGHTNING SHUTDOWN AS A RESULT
30-May-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	OVERNIGHT SHOWERS AS WELL AS HEAVY RAIN IN THE MORNING RESULTED IN CONSTRUCTION NOT SENDING ANY WORKERS TO THE EMRS
31-May-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	EVENING THUNDERSTORM AND LIGHT RAIN RAIN THROUGHOUT THE DAY RESULTED IN CONSTRUCTION NOT SENDING ANY WORKERS TO THE EMRS
END OF MAY									
01-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	END OF RAIN. P30 GIVEN TIME TO DRY BEFORE RESTARTING CONSTRUCTION
02-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 BEGINNING TO DRY AS RAIN HAS QUIT. NO CONSTRUCTION DUE TO HCL AND EQUIPMENT AT 11:0A.
03-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 desiccation advancing
04-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 desiccation advancing
05-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 desiccation advancing
06-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 desiccation advancing
07-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 desiccation advancing
08-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 desiccation advancing
09-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 desiccation advancing
10-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 desiccation advancing
11-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 desiccation advancing
12-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	Light rainfall wetting up P30, L2
13-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 wetting up. Cracking still present
14-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	N/A	N/A	P30, L2 wetting up. Cracking still present
15-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS	N/A	N/A	N/A	EMR522_FR_SP_S535 EMR522_AT_SP_S535 EMR522_MC_SP_S535 EMR522_HY_SP_S535 EMR522_FR_SP_S536 EMR522_MC_SP_S536 EMR522_HY_SP_S536 EMR522_AT_SP_S536 EMR522_FR_SP_S537 EMR522_MC_SP_S537 EMR522_HY_SP_S537 EMR522_AT_SP_S537 EMR522_FR_SP_S538 EMR522_MC_SP_S538 EMR522_HY_SP_S538 EMR522_AT_SP_S538	N/A	OKANE DESICCATED FROM SITE AND STOCKPILE SAMPLES TAKEN BY TULLOCH IN PREPARATION FOR RESTARTING IN JULY
16-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
17-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
18-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
19-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
20-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
21-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
22-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
23-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
24-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
25-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
26-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
27-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
28-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
29-Jun-22	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE	N/A	N/A	N/A	N/A	N/A	NO COVER CONSTRUCTION ON EMRS - OKANE NOT ON SITE
30-Jun-22	N/A	N/A	OKANE RETURNED TO SITE	N/A	N/A	N/A	N/A	N/A	COA RETURNED TO SITE TO COMPLETE SPOT CHECKS AND PREPARE FOR COVER CONSTRUCTION TO RESUME
END OF JUNE									
01-Jul-22	P30	L2/L3	REWORK OF DESICCATED P30, L2 & L3	D-783	D-690	EMR522_F30_L2_D487-D490	EMR522_MC_F30_L2_S532-S533 EMR522_MC_F30_L2_S543	N/A	AREAS OF P30, L2 REWORKED, RE-COMPACTED, TESTED, AND SURVEYED PRIOR TO L3 BEING PLACED AT A REDUCED RPT TO COVER L2
02-Jul-22	P30	L3/L4	P30, L3 COMPLETED	D-783	D-690	N/A	N/A	N/A	P30, L3 COMPLETED & L4 PLACEMENT INITIATED
03-Jul-22	P30	L4	P30, L4 IN PROGRESS	D-783	D-690	N/A	N/A	N/A	P30, L4 IN PROGRESS WITH MATERIAL HAULED FROM SOUTHERN BORROW SOURCE
04-Jul-22	P30	L4	P30, L4 IN PROGRESS	D-783	D-690	N/A	EMR522_MC_SP_S544	N/A	AREAS WITHIN SOUTHERN BORROW AREA INSPECTED TO DETERMINE SUITABILITY FOR CLUES. S544 FROM EASTERN EDGE OF PILE IN AREA WHERE ROCK CONTENT WAS VISUALLY LOWER
05-Jul-22	P31	L1	P31, L1 COMPLETED	D-690	D-661	EMR522_F31_L1_D491-D495	EMR522_MC_F31_L1_S545-S549 EMR522_HY_F31_L1_S546 EMR522_AT_F31_L1_S546	N/A	EVENING AND OVERNIGHT SHOWERS RESULTED IN WET CONDITIONS W/ STANDING WATER ON RECENTLY PLACED P30, L4 MATERIAL. TO CONTINUE CONSTRUCTION P31 WAS INITIATED.
06-Jul-22	P31	L2	P31, L2 COMPLETED	D-690	D-661	EMR522_F31_L1_D494-D500	EMR522_MC_F31_L2_S550-S554 EMR522_AT_F31_L2_S551 EMR522_HY_F31_L2_S551	N/A	P31, L1 COVERED WITHIN 24HRS AND L2 COMPLETED AND TESTED PRIOR TO RCD
07-Jul-22	P31	L3	P31, L3 COMPLETED	D-690	D-661	N/A	N/A	N/A	P31, L3 PLACED TO GRADE COVERING L2 WITHIN 24 HRS. P30, L4 RESUMED NEAR END OF DAY

08-Jul-22	P30	L4	P30, L4 IN PROGRESS	0+783	0+690	N/A	EMR522_MC_P31_L3_5555 EMR522_MC_HY_P31_L3_5555	N/A	WORK RESUMED ON P30, L4
09-Jul-22	P30/P31	L4/L4	P31, L4 INITIATED	0+783	0+661	N/A	EMR522_MC_P30_L4_5556 EMR522_HY_P30_L4_5554 EMR522_MC_P30_L4_5557	N/A	P30, L4 PLACED TO GRADE AND P31, L4 PLACEMENT WAS INITIATED NEAR EOD
10-Jul-22	P30/P31	L4/L4	P30 COMPLETE, P31 L4 IN PROGRESS	0+783	0+661	N/A	N/A	N/A	THUNDERSTORM IN THE MORNING RESULTED IN WR SURFACE WORK AT 10 BETWEEN P31-P30 WHILE MATERIAL WAS GIVEN TIME TO DRY. FINAL CLEAN UP OF P30 L4 COMPLETED FOLLOWING RITDOWN AND P31, L4 RESUMED NEAR EOD WHEN MATERIAL HAD DRIED SUFFICIENTLY
11-Jul-22	N/A	N/A	NO COVER CONSTRUCTION COMPLETED	N/A	N/A	N/A	N/A	N/A	RAINY CONDITIONS THROUGHOUT THE DAY LEFT MATERIAL UNWORKABLE RESULTING IN NO WORK BEING COMPLETED AT THE EMRS
12-Jul-22	P31	L3/L4	P31 L3 drainage added by excavator, P31, L4 in progress	0+783	0+630	N/A	EMR522_MC_FR_3P_5558	N/A	MATERIAL FROM SOUTH STOCKPILE USED IN L1, TOO WET TO TRACK PACK P31
13-Jul-22	P31/P32	L4/L1	P31, L4 IN PROGRESS P32, L1 IN PROGRESS	0+693	0+630	N/A	N/A	N/A	MATERIAL HAULED FOR USE IN P32 NOW FROM NORTH STOCKPILE
14-Jul-22	P31/P32	L4/L1	P31 L4 IN PROGRESS, P32, L1 COMPLETED, P32, L2 IN PROGRESS	0+693	0+630	EMRS_P32_L1_501-804	EMR522_MC_P32_L1_5559 EMR522_MC_P32_L1_5560 EMR522_MC_P32_L1_5561 EMR522_MC_P32_L1_5562 EMR522_MC_HY_AT_P32_L1_5563	EMR522_BP_P30_L2_829_220721 INSTALLED EMR522_BP_P30_L2_830_220721 INSTALLED	USED PROCTOR 5499 AS MATERIAL WAS SWITCHED TO BEING HAULED FROM NORTH STOCKPILE AND THIS PROCTOR WAS REPRESENTATIVE
15-Jul-22	P31/P32	L4/L2/L3	P31 L4 IN PROGRESS, P32, L2 COMPLETED, P32, L3 IN PROGRESS	0+693	0+630	EMRS_P32_L2_D507-D513	EMR522_MC_P31_L4_5564 EMR522_MC_P32_L2_5565-5569	EMR522_BP_P30_L2_829_220721 CURRENTLY RUNNING EMR522_BP_P30_L2_828_220721 CURRENTLY RUNNING	USED PROCTOR 5499 AS MATERIAL WAS SWITCHED TO BEING HAULED FROM NORTH STOCKPILE AND THIS PROCTOR WAS REPRESENTATIVE
16-Jul-22	P31/P32/P33	L4/L3/L1	P31, L4 IN PROGRESS, P32, L3 IN PROGRESS, P33, L1 IN PROGRESS	0+693	0+600	N/A	EMR522_FR_MC_3P_5570	EMR522_BP_P30_L2_829_220721 CURRENTLY RUNNING EMR522_BP_P30_L2_828_220721 CURRENTLY RUNNING	SWITCHED FROM NORTH STOCKPILE TO CENTRAL STOCKPILE AS THE MATERIAL WAS TOO WET AT THE NORTH STOCKPILE. SAMPLE 5270 WAS TAKEN FOR A PROCTOR TO BE USED IN P33, L1
17-Jul-22	P31/P32/P33	L4/L3/L1	P31, L4 IN PROGRESS, P32, L3 IN PROGRESS, P33, L1 IN PROGRESS	0+693	0+600	N/A	N/A	EMR522_BP_P30_L2_829_220721 CURRENTLY RUNNING EMR522_BP_P30_L2_828_220721 CURRENTLY RUNNING	CONSTRUCTION STARTED AROUND 3PM AS MATERIAL WAS TOO WET PRIOR TO THIS. KEY TRENCH FOR P33 DUG TO BEDROCK THROUGHOUT
18-Jul-22	N/A	N/A	TOO WET FOR CONSTRUCTION	N/A	N/A	N/A	N/A	EMR522_BP_P30_L2_829_220721 FELL OVER, NOT RE-INSTALLED EMR522_BP_P30_L2_828_220721 CURRENTLY RUNNING	OVERNIGHT/DAILY RAINFALL
19-Jul-22	N/A	N/A	TOO WET FOR CONSTRUCTION	N/A	N/A	N/A	N/A	EMR522_BP_P30_L2_828_220721 CURRENTLY RUNNING	OVERNIGHT/DAILY RAINFALL
20-Jul-22	N/A	N/A	TOO WET FOR CONSTRUCTION, EXCAVATOR PRESENT TO CREATE DRAINAGE	N/A	N/A	N/A	N/A	EMR522_BP_P30_L2_828_220721 CURRENTLY RUNNING	OVERNIGHT RAIN
21-Jul-22	P31/P32/P33	L4/L3/L1	P31 L4 COMPLETED, P32, L3 IN PROGRESS, P33, L1 DRYING	0+693	0+600	N/A	EMR522_P33_L1_5571-5574	TWO NEW BOREHOLE PITS DUG FOR REINSTALLATION	MATERIAL COMING FROM CENTRAL STOCKPILE
22-Jul-22	P32/P33	L3/L1/L2	P32 L3 IN PROGRESS, P33 L1 COMPLETE, P33 L2 IN PROGRESS	0+661	0+600	EMR522_P33_L1_D514-D518	EMR522_P33_L1_5575-5576	EMR522_BP_P30_L2_829_220721 INSTALLED AND RUNNING EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	APPROX. 8 OVERSIZE ROCKS REMOVED FROM P33 L1. SWITCHED TO PROCTOR 570 AS THAT WAS FROM THE CENTRAL STOCKPILE. WHERE THE MATERIAL WAS USED FOR L1
23-Jul-22	P32/P33	L3/L2	P32 L3 IN PROGRESS, P33 L2 IN PROGRESS	0+661	0+600	N/A	N/A	EMR522_BP_P30_L2_829_220721 INSTALLED AND RUNNING EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	STOPPED CONSTRUCTION AT ABOUT 11:00 AM DUE TO RAIN
24-Jul-22	N/A	N/A	TOO WET FOR CONSTRUCTION	N/A	N/A	N/A	N/A	EMR522_BP_P30_L2_829_220721 INSTALLED AND RUNNING EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	TOO WET, EXCAVATOR PRESENT FOR ESTABLISHING DRAINAGE ON P32 AND P33
25-Jul-22	P32/P33	L3/L1/L2	P32 L3 COMPLETED, P32 L4 IN PROGRESS, P33 L2 IN PROGRESS	0+661	0+600	N/A	N/A	EMR522_BP_P30_L2_829_220721 INSTALLED AND RUNNING EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	OPERATIONS STOPPED AROUND 2:00PM AS MATERIAL WAS TOO WET. MATERIAL FROM NORTH STOCKPILE BULK PLACED ON CREST OF SLOPE IN FRONT OF P32, P33, AND WHERE P34 WILL BE IN ORDER TO PROMOTE DRYING. FROST FOUND IN NORTH STOCKPILE
26-Jul-22	N/A	N/A	NO CONSTRUCTION	N/A	N/A	N/A	N/A	EMR522_BP_P30_L2_829_220721 INSTALLED AND RUNNING EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	NO CONSTRUCTION DUE TO WET MATERIAL
27-Jul-22	N/A	N/A	NO CONSTRUCTION	N/A	N/A	N/A	N/A	EMR522_BP_P30_L2_829_220721 INSTALLED AND RUNNING EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	NO CONSTRUCTION DUE TO AFTERNOON RAIN
28-Jul-22	N/A	N/A	NO CONSTRUCTION	N/A	N/A	N/A	N/A	EMR522_BP_P30_L2_829_220721 INSTALLED AND RUNNING EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	NO CONSTRUCTION DUE TO WET MATERIAL
29-Jul-22	P32/P33	L4/L2	P33, L2 COMPLETED W, P32, L4 IN PROGRESS	0+661	0+600	EMR522_P33_L1_D519-D526	EMR522_MC_P33_L2_5577-562 EMR522_FR_P33_L2_5580 EMR522_HY_P33_L2_5580 EMR522_AT_P33_L2_5580 OKANE COMPARISON 5580 (3RD PART)	EMR522_BP_P30_L2_829_220721 INSTALLED AND RUNNING EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	PLACEMENT, COMPACTION, AND TESTING OF P33, L2 COMPLETED, P32, L4 IN PROGRESS. OKANE RECORDED BY NEW GLOD THAT RECLAMATION ON THE EMRS WILL BE STOPPING AS OF JULY 31ST.
30-Jul-22	P32/P33	L4/L3	P32, L4 & P33, L3 COMPLETED, P33, L4 IN PROGRESS	0+661	0+600	N/A	EMR522_MC_P32_L4_5583 EMR522_MC_HY_P33_L3_5584	EMR522_BP_P30_L2_829_220721 INSTALLED AND RUNNING EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	P32 COMPLETED WITH P33, L4 STILL IN PROGRESS
31-Jul-22	P33	L4	SHOWERS HAULED COMPLETION OF P33, L4	0+630	0+600	N/A	N/A	EMR522_BP_P30_L2_829_220721 COMPLETED EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	FINAL GRADING OF P33, L4 HALTED DUE TO WEATHER. DOZER UTILIZED TO ADDRESS POOLING WATER ISSUES ON P30 WHILE MATERIAL WAS GIVEN TIME TO DRY
END OF JULY									
01-Aug-22	P33	L4	P33, L4 GIVEN THE MAJORITY OF THE DAY TO DRY BEFORE BEING TRACK PACKED AND REWORKED. WET AREAS AT THE TOE STILL IN PROGRESS	0+630	0+600	N/A	N/A	EMR522_BP_P30_L2_830_220722 INSTALLED AND RUNNING	P33, L4 IN PROGRESS
02-Aug-22	P33	L4	P33, L4 COMPLETED TO GRADE AFTER GIVEN FURTHER TIME TO DRY OVERNIGHT.	0+630	0+600	N/A	EMR522_MC_P33_L4_5585	EMR522_BP_P30_L2_830_220722 COMPLETED, ADDITIONAL TESTING REQUIRED	P33, L4 COMPLETED TO GRADE AND HYDRAULIC CONDUCTIVITY TESTING EXCAVATIONS WERE FILLED IN.
03-Aug-22	N/A	N/A	OKANE DEM OBLIQUED FROM SITE	N/A	N/A	N/A	N/A	N/A	OKANE DEM OBLIQUED FROM SITE

Date:	April 27, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

-7

4

Humidity

40 to 60%

Wind

Moderate

Afternoon Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

4

7

Humidity

20 to 40%

Wind

Moderate

Meeting Summaries

Tulloch discussed required sloping work needed for the EMRS East side with NG Construction Supervisor

General Remarks

CQC began surveying the East Side of the EMRS where NG Mine Ops recommended 2022 reclamation to be completed.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.04.30 16:24:53
-05'00'

PHOTOGRAPHS



Photo #: 1

EMRS East Slope



Photo #: 2

EMRS East Slope

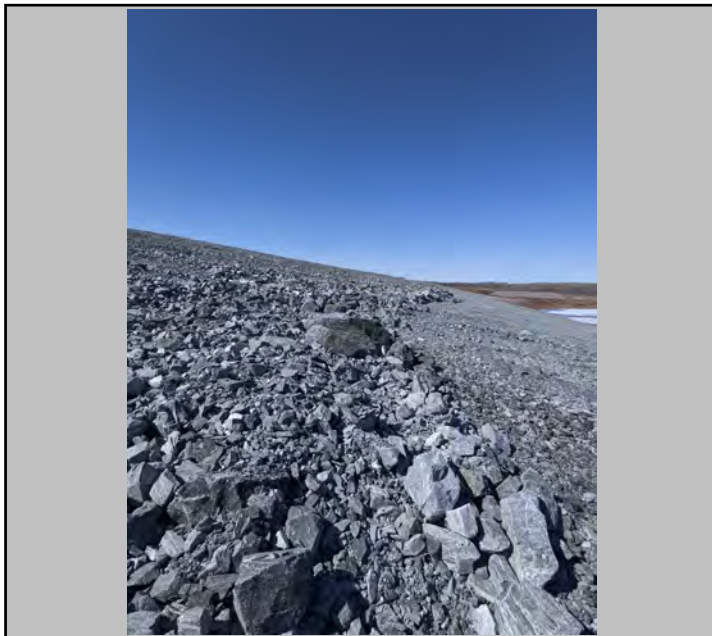


Photo #: 3

EMRS East Slope



Photo #: 4

EMRS East Slope

Date:	April 28, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

-2

6

Humidity

40 to 60%

Wind

Low

Afternoon Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

6

10

Humidity

20 to 40%

Wind

Low

Meeting Summaries

General Remarks

CQC and NG Construction collected samples from the stockpiled material.

NG Construction preparing the East slope in preparation for the 2022 EMRS placement.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Samples:

EMRS22_SP_001-007

See EMRS tracking Summary for further sample information

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

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DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.04.30 16:25:55
-05'00'

PHOTOGRAPHS



Photo #: 1

Stockpile sampling.



Photo #: 2

Stockpile sampling.

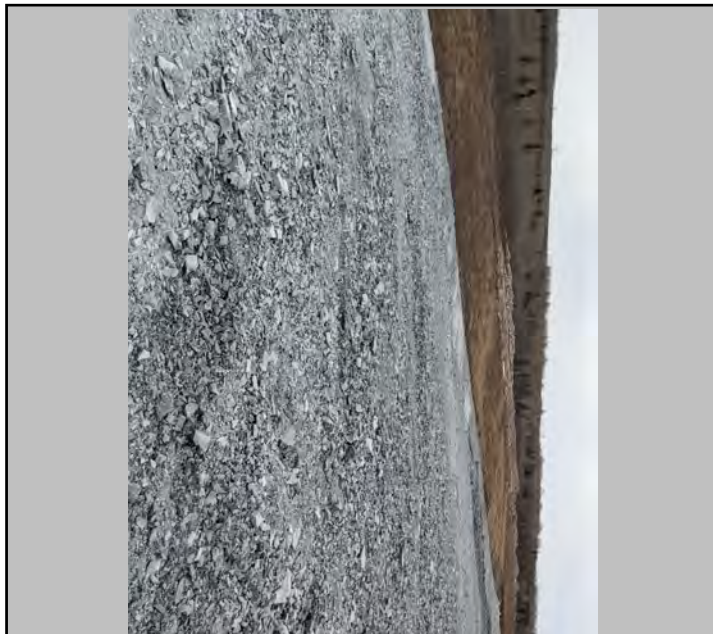


Photo #: 3

EMRS East Slope.



Photo #:

Date:	April 29, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

6

3

Humidity

40 to 60%

Wind

Low

Afternoon Conditions

Weather

Rain

Precipitation

0 - 5 mm

Temperature
(High/Low)

8

6

Humidity

60 to 80%

Wind

Moderate

Meeting Summaries

General Remarks

NG Construction operator using D8-2 and EX 836 preparing slope for reclamation work.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

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DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.04.30 16:39:38
-05'00'

PHOTOGRAPHS



Photo #: 1

D8-2 preparing slope for reclamation.



Photo #: 2

D8-2 preparing slope for reclamation.



Photo #:



Photo #:

Date:	April 30, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions Weather Precipitation

Temperature (High/Low) Humidity Wind

Afternoon Conditions Weather Precipitation

Temperature (High/Low) Humidity Wind

Meeting Summaries

General Remarks

NG Construction continuing to prepare slope for reclamation work.

CQC continued base survey of the slope.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

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CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

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DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.04.30 16:52:45
-05'00'

PHOTOGRAPHS



Photo #: 1

D8-2 preparing slope for reclamation work.

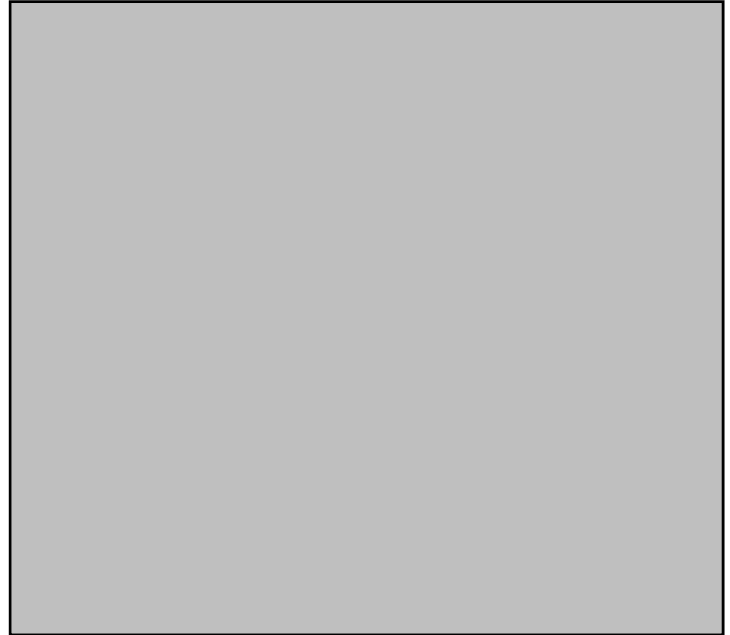


Photo #:



Photo #:



Photo #:

Date:	May 1, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Rain

Precipitation

0 - 5 mm

Temperature
(High/Low)

3

3

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

3

3

Humidity

80 to 100%

Wind

Moderate

Meeting Summaries

General Remarks

NG Construction continuing to prepare the EMRS slope for reclamation work.

Tulloch continuing EMRS slope base survey.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

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DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.05.02 06:28:51
-05'00'

PHOTOGRAPHS

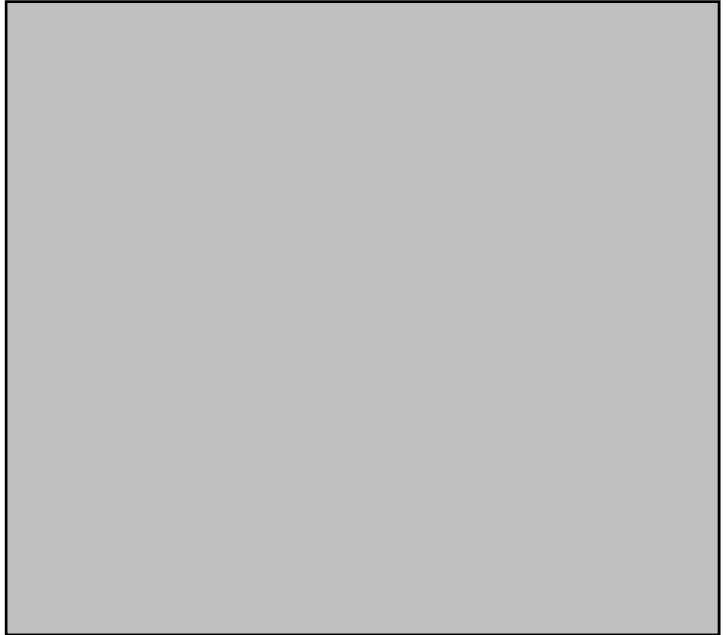


Photo #: 1

Photo #:

EMRS slope preparation for reclamation work.



Photo #:

Photo #:



Duplicate Page

Date:	May 2, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 3

Environmental Conditions:

Morning Conditions

Weather

Snow

Precipitation

0 - 5 mm

Temperature
(High/Low)

4

0

Humidity

80 to 100%

Wind

Moderate

Afternoon Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

7

4

Humidity

80 to 100%

Wind

Low

Meeting Summaries

General Remarks

Tulloch continuing EMRS slope base survey.

Tulloch contacted NG Construction supervisor to have additional windrows removed with a dozer prior to surveying.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.05.03 07:14:45
-05'00'

Date:	May 3, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

4

0

Humidity

60 to 80%

Wind

Still

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

9

4

Humidity

40 to 60%

Wind

Low

Meeting Summaries

General Remarks

NG Construction continuing preparing slope, removing high windrows and filling holes in preparation to place the first lift of CCL material.

Tulloch and NG Construction collected two stockpile samples.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Sampling:

EMRS_SP_S008-S009.

See EMRS Tracking Summary for further sample information.

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**



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DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.05.04 06:36:23
-05'00'

PHOTOGRAPHS

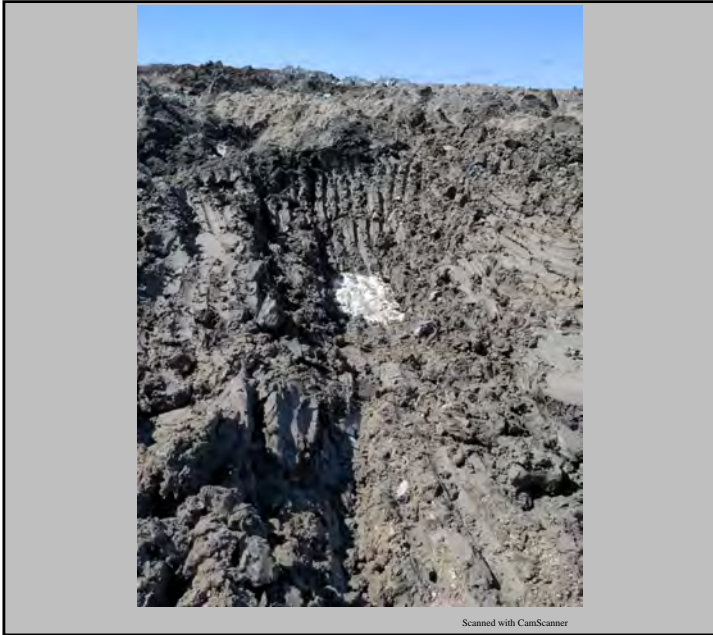


Photo #: 1

Obtained EMRS22_SP_S008_220503.

Photo #: 2

Obtained EMRS22_SP_S009_220503.



Photo #:



Photo #:

Date:	May 20,2022	Owner/Client:	New Gold Inc.
Day:	Friday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation 0 mm

Temperature
(High/Low)

11

8

Humidity

80 to 100%

Wind

Moderate

Afternoon Conditions

Weather

Rain

Precipitation

0 - 5 mm

Temperature
(High/Low)

7

3

Humidity

80 to 100%

Wind

Moderate

Meeting Summaries

N/A

General Remarks

NG Construction continuing preparing slope, removing high windrows and filling holes in preparation to place the first lift of CCL material. (0+690 to 0+783)

Description of CCL Material:

N/A

Panel Approval:

Panel Description

N/A

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

N/A

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

Keith

Naumann

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.05.21 08:18:48 -05'00'

PHOTOGRAPHS



Photo #: 1

Staked line 20m Back from crest.



Photo #: 2

418 Dozer preparing slope prior to base survey
from 0+690 - 0+783

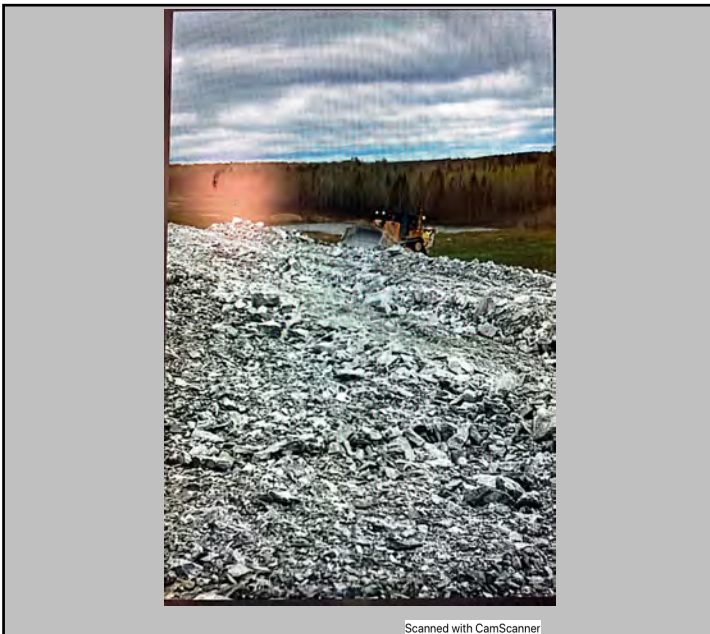


Photo #: 3

418 Dozer preparing slope prior to base survey
from 0+690 - 0+783.



Photo #: 4

PHOTOGRAPHS

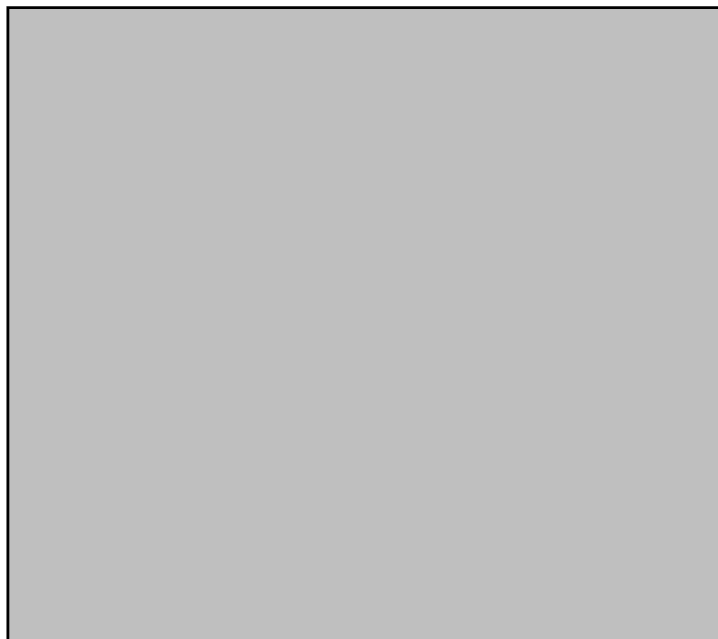


Photo #: 5

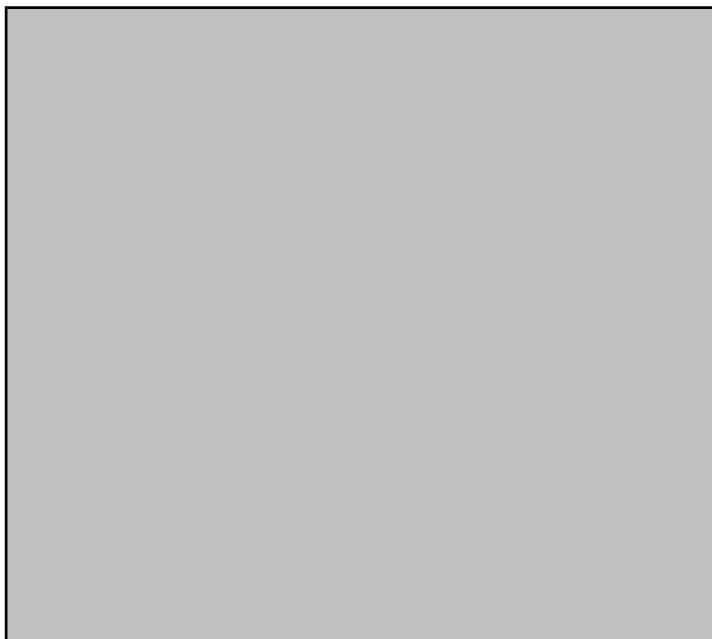
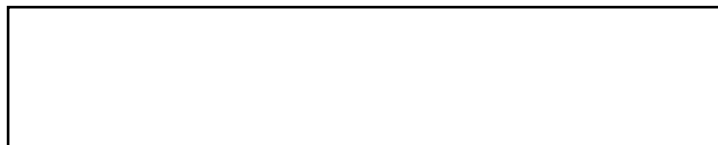


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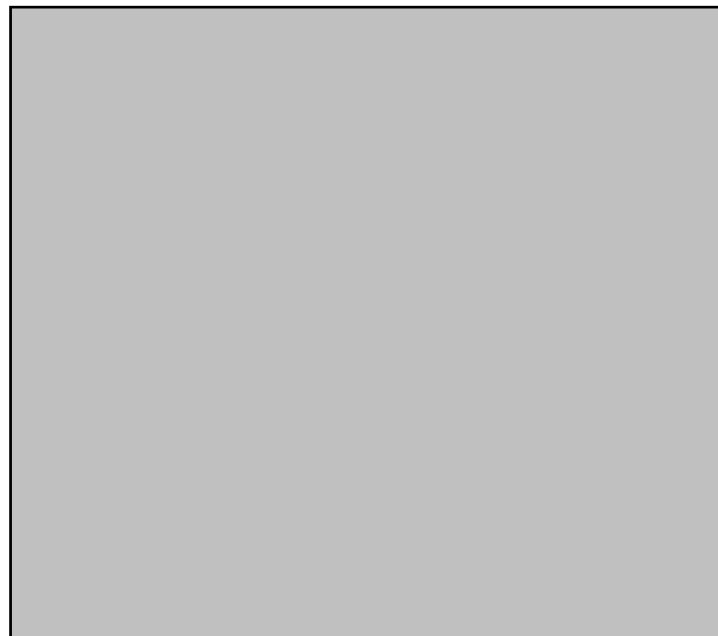
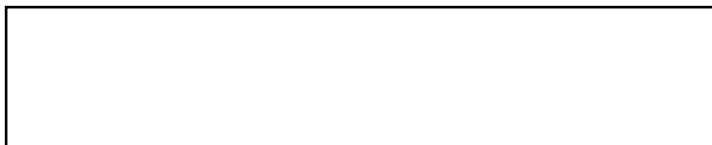


Photo #: 7

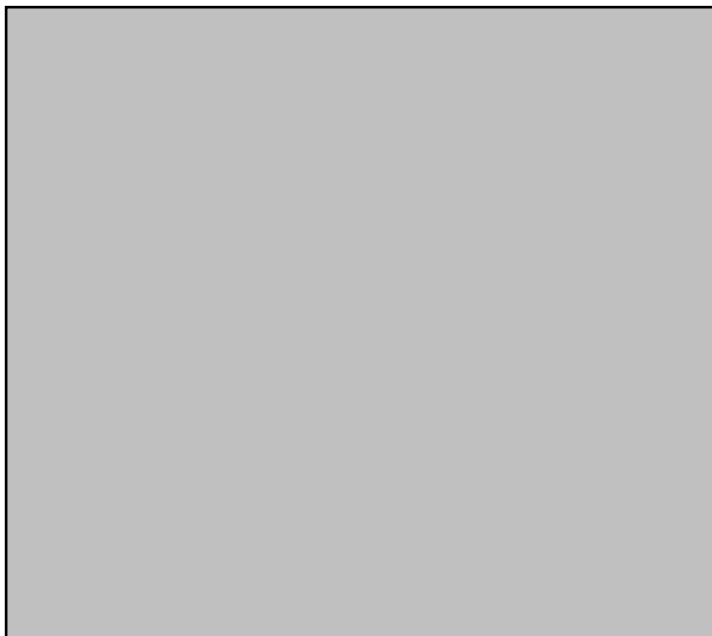


Photo #: 8



PHOTOGRAPHS



Photo #: 9

Empty text box for photo 9



Photo #: 10

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Photo #: 11

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Photo #: 12

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Date:	May 21,2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Rain

Precipitation

0 - 5 mm

Temperature
(High/Low)

7

2

Humidity

80 to 100%

Wind

Moderate

Afternoon Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

9

7

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Talked with Okane inspector Brady, about upcoming CCL placement and location of stock piles being used.

General Remarks

NG Construction continued and finished preparing slope, removing high windrows and filling holes in preparation to place the first lift of CCL material. (0+690 to 0+783)

Description of CCL Material:

N/A

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

N/A

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.05.22 06:49:51 -05'00'

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 1

418 Dozer preparing slope prior to base survey from 0+690 - 0+783.



Scanned with CamScanner

Photo #: 2

Prepared slope ready for base survey.



Photo #: 3



Photo #: 4



PHOTOGRAPHS

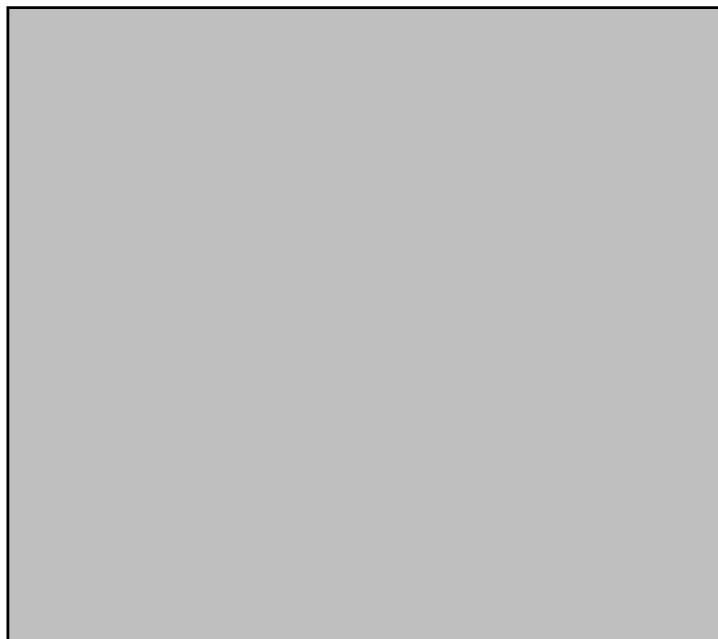


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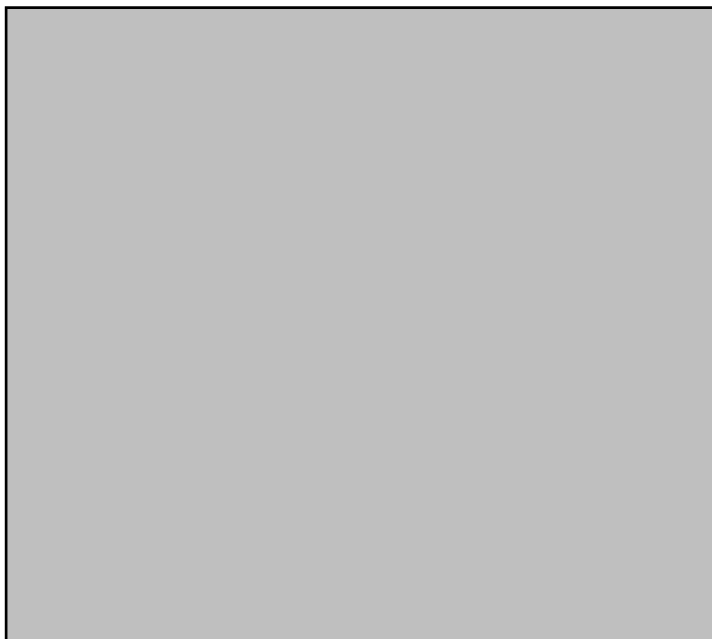
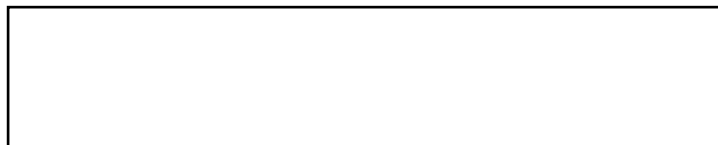


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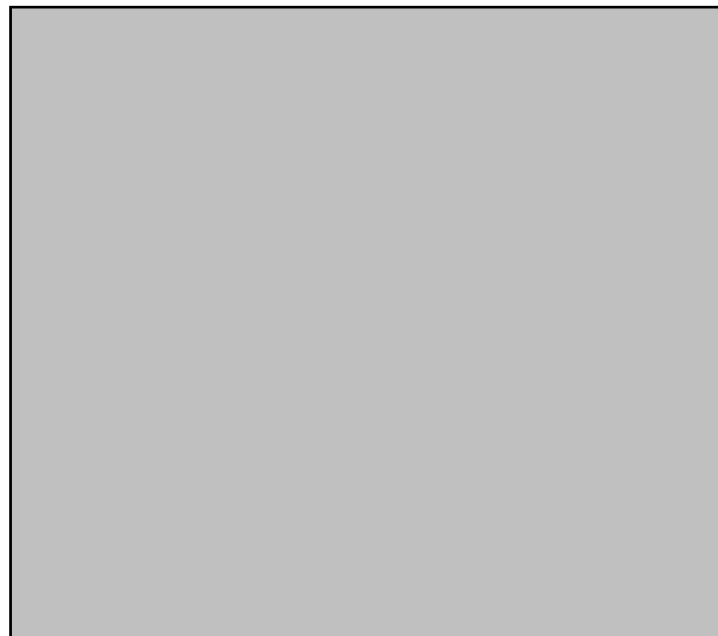
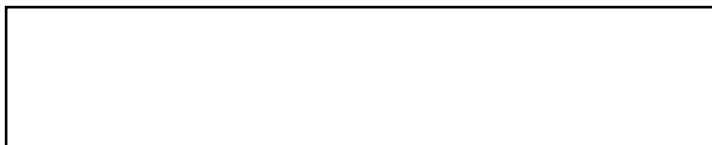


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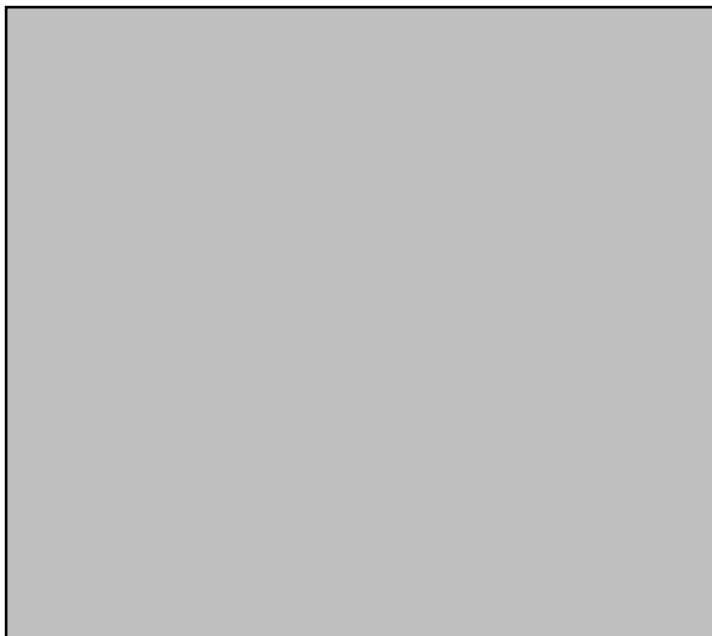


Photo #: 8



PHOTOGRAPHS



Photo #: 9



Photo #: 10



Photo #: 11



Photo #: 12

Date:	May 22,2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

12

2

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

14

12

Humidity

40 to 60%

Wind

Low

Meeting Summaries

Talked to Okane Inspector, Brady, about testing data from stock pile samples and CCL placement starting on Monday May 23rd.

General Remarks

Float truck was used to haul Equipment to the panel location including:

420 Dozer, Sheep foot roller, a second dozer.

418 Dozer was hauled away from the location.

Excavator 836 arrived on location and began sorting clay at the south stockpile.

Description of CCL Material:

N/A

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

N/A

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

Keith

Naumann

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.05.23 07:59:14 -05'00'

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 1

420 Dozer arrived at the location



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Photo #: 2

Sheep foot roller arrived at location.



Photo #: 3



Photo #: 4



PHOTOGRAPHS

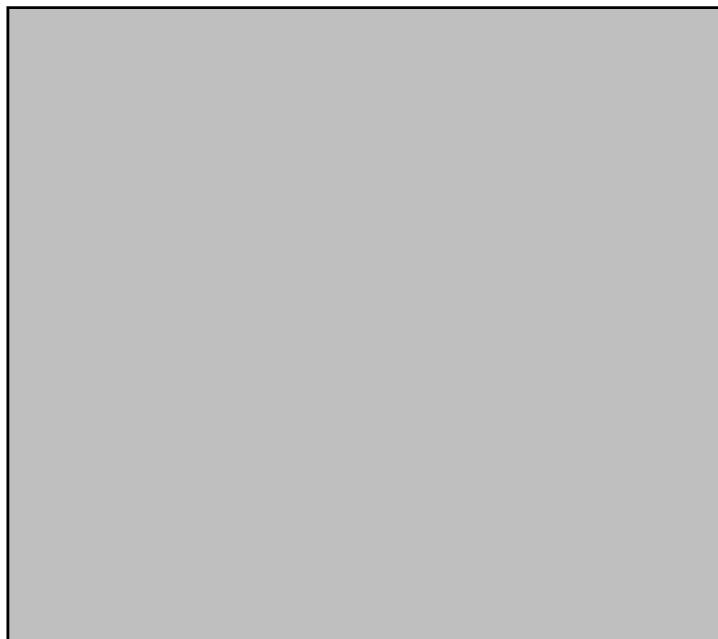


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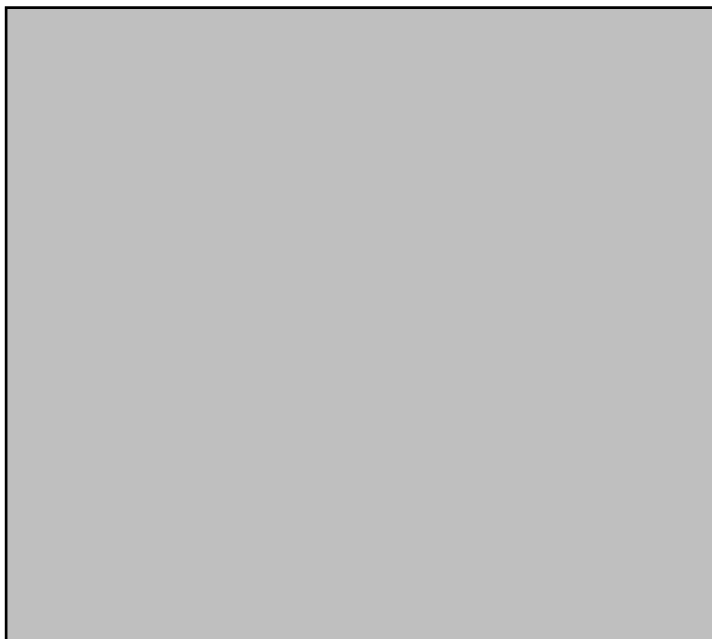
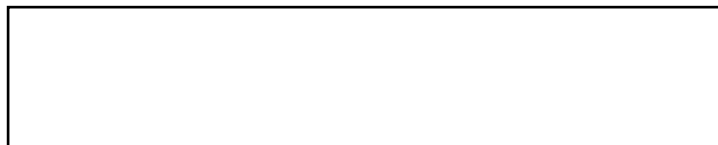


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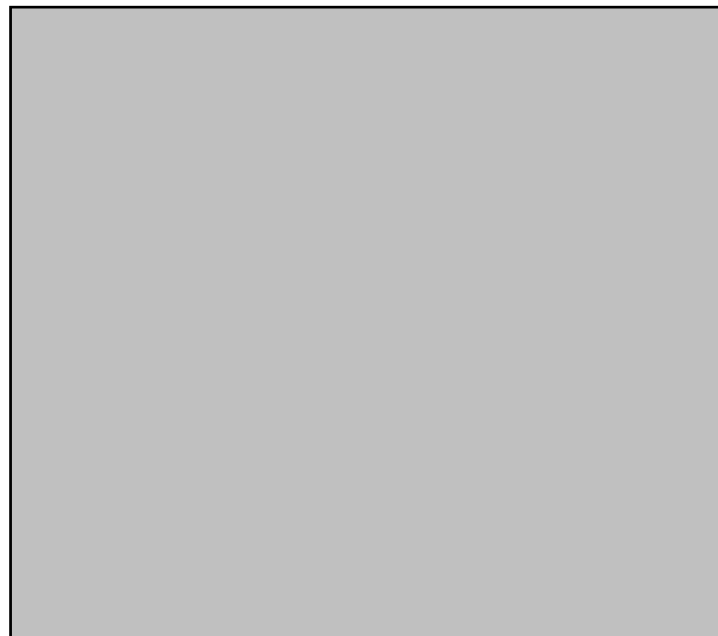


Photo #: 7

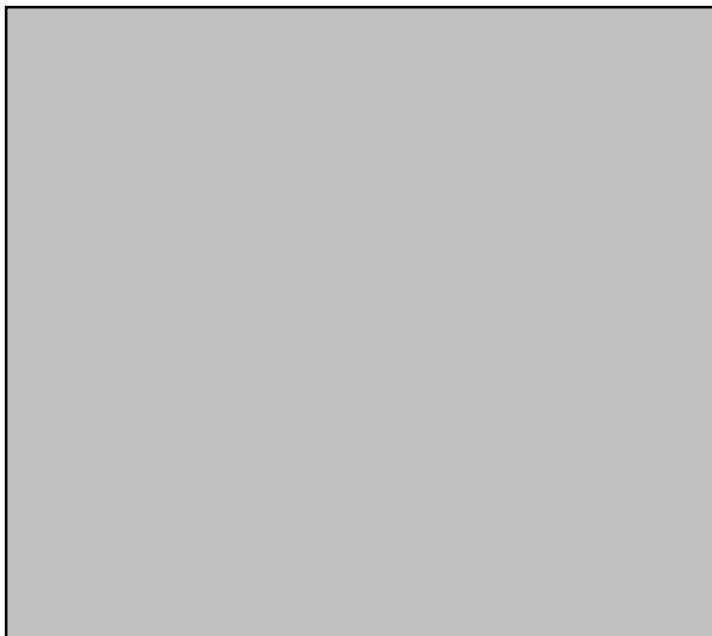


Photo #: 8



PHOTOGRAPHS



Photo #: 9

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Photo #: 10

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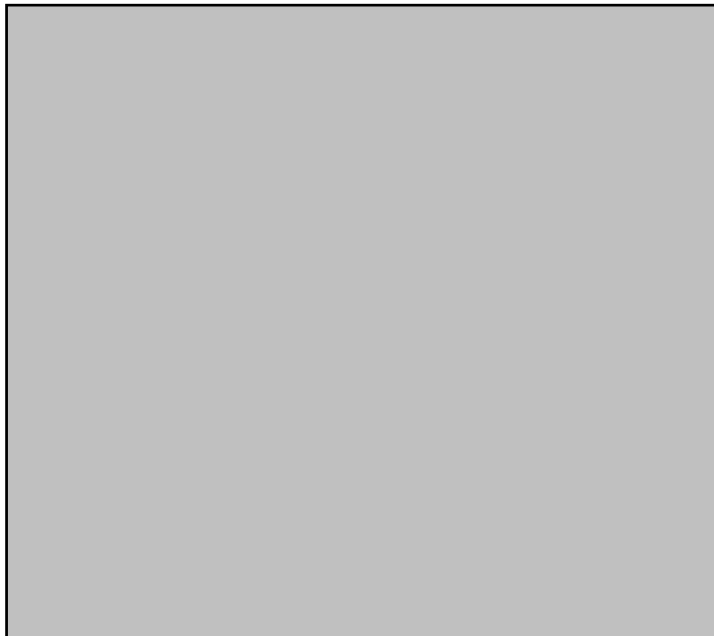


Photo #: 11

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Photo #: 12

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Duplicate Page

Date:	May 23,2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation 0 mm

Temperature
(High/Low)

15

2

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

18

15

Humidity

20 to 40%

Wind

Moderate

Meeting Summaries

Discussed with Okane inspector, Brady, NG: Jason, Zach, Robin, Travis, about CCL material stockpile, CCL Placement, Quality of material, and key trench construction.

General Remarks

Trucks 233 and 235 hauled in CCL material from stockpile.
420 Dozer placed CCL material starting at the North edge of panel 30 +/-0+690 to +/-0+740

Description of CCL Material:

CCL material was dark grey and sticky WML and Brenna mix.
Very little rock.

Panel Approval:

Panel Description CCL Panel 30 Lift 1, placement in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Sampling:
EMRS22_PR_MC_HY_AT_P30_L1_S509_2200523.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL Lift 1 Panel 30	+/-0+690 to +/-0+740	233 and 235, Dozer 420, 836

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:



Scanned with CamScanner

Photo #: 1

Truck 233 dumping CCL panel 30 lift 1. +/-0+700.



Scanned with CamScanner

Photo #: 2

Dozer 420 Placing CCL panel 30 lift 1. +/-0+700.



Scanned with CamScanner

Photo #: 3

Sample:
EMRS22_PR_MC_HY_AT_P30_L1_S509_2200523



Scanned with CamScanner

Photo #: 4

Sample ID:
EMRS22_PR_MC_HY_AT_P30_L1_S509_2200523

PHOTOGRAPHS



Photo #: 5



Photo #: 6



Photo #: 7



Photo #: 8



PHOTOGRAPHS



Photo #: 9

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Photo #: 10

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Photo #: 11

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Photo #: 12

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Duplicate Page

Date:	May 24,2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

12

9

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

18

12

Humidity

20 to 40%

Wind

Moderate

Meeting Summaries

Discussed key trench location depth and adequacy of material with Okane Inspector, Brady.

General Remarks

Trucks 233 and 232 hauled in CCL material from stockpile.

420 and 421 Dozer placed CCL material +/-0+690 to +/-0+784,began grading track packing.

Excavator 836 excavated key trench, then loaded trucks at CCL stockpile.

Excavator 831 Loaded trucks at CCL stockpile then began removing larger rocks at NCL stockpile.

Description of CCL Material:

CCL material was dark grey and sticky WML and Brenna mix.
Very little rock.

Panel Approval:

Panel Description

CCL Panel 30 Lift 1, placement in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Sampling:
N/A

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL Lift 1 Panel 30	+/-0+690 to +/-0+784	233, 235, 420,421, 836, LB0831

**Key-in Trench:
Location**

CCL Contact Material

Comment

+/-0+690 to +/-0+784	Bedrock/Suitable material	1.5m-2m depth
----------------------	---------------------------	---------------

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.05.25 07:32:00 -05'00'

PHOTOGRAPHS



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Photo #: 1

Dozer 420 and 421 Placing CCL lift 1 in panel 30

Photo #: 2

Dozer 420 and 421 Placing CCL lift 1 in panel 30



Scanned with CamScanner

Photo #: 3

Panel 30 Lift 1 mostly placed.



Scanned with CamScanner

Photo #: 4

Excavator 836 key trench.

PHOTOGRAPHS



Photo #: 5



Photo #: 6



Photo #: 7



Photo #: 8



PHOTOGRAPHS



Photo #: 9



Photo #: 10



Photo #: 11



Photo #: 12

Date:	May 25,2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

15

10

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

17

15

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Discusses testing and sampling with Okane Inspector, Brady.

General Remarks

Trucks 231, 232 hauled away waste from the NCL stockpile.

Trucks then hauled in CCL Material for Lift 2 on Panel 30.

421 Dozer finished grading CCL material Panel 30 Lift 1 +/-0+690 to +/-0+784

Packer packed CCL lift 1 Panel 30 to completion.

Excavator 836 made test pads for nuclear gauge, testing and sampling.

Excavator LD0831 loaded trucks at NCL stockpile and at CCL stockpile.

Description of CCL Material:

CCL material was dark grey and sticky WML and Brenna mix.
Very little rock.

Panel Approval:

Panel Description

CCL Panel 30 Lift 1
Testing not complete

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.26m-0.30m
Water Content within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20%-30%
Density within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Sampling:
 EMRS22-MC_P30_L1_S510_2200525
 EMRS22-MC_P30_L1_S511_2200525
 EMRS22-MC_P30_L1_S512_2200525
 EMRS22-MC_P30_L1_S513_2200525
 EMRS22-PR_MC_HY_AT_P30_L1_S514_2200525
 EMRS22-MC_HY_AT_P30_L1_S515_2200525

Testing:
 EMRS_P30_L1_D458
 EMRS_P30_L1_D459
 EMRS_P30_L1_D460
 EMRS_P30_L1_D461
 EMRS_P30_L1_D462
 EMRS_P30_L1_D463
 EMRS_P30_L1_D464
 EMRS_P30_L1_D465

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL Lift 1 Panel 30	+/-0+690 to +/-0+784	231, 420,421, 836, 831, CP56B
CCL Lift 2 Panel 30	+/-0+680	231, 420, 831

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
 DN: cn=Keith Naumann,
 o=Tulloch, ou,
 email=keith.naumann@tulloch.ca,
 c=CA
 Date: 2022.05.26 06:54:38 -05'00'

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 1

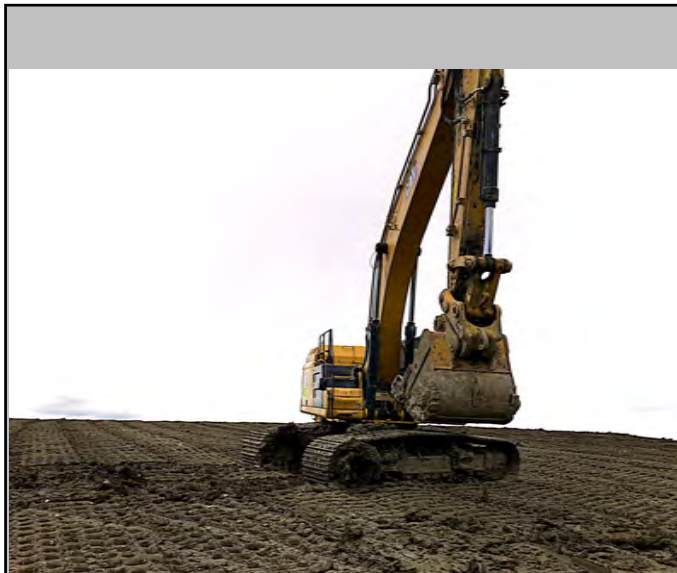
Cat CP56B compacting panel 30 Lift 1.



Scanned with CamScanner

Photo #: 2

Compaction testing.



Scanned with CamScanner

Photo #: 3

Excavator 836 making compaction and sample pads.



Scanned with CamScanner

Photo #: 4

Sample:
EMRS22_PR_MC_HY_AT_P30_L1_S514_2200525

PHOTOGRAPHS



Photo #: 5

Panel 31 slope complete for reclamation.



Photo #: 6

Dozer 421 starting CCL lift 2 on panel 30. At the south west corner.



Photo #: 7



Photo #: 8



PHOTOGRAPHS



Photo #: 9

Empty text box for photo 9



Photo #: 10

Empty text box for photo 10



Photo #: 11

Empty text box for photo 11



Photo #: 12

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Date:	May 26,2022	Owner/Client:	New Gold Inc.
Day:	Thursday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

15

9

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

18

15

Humidity

40 to 60%

Wind

Low

Meeting Summaries

Discussed testing and sampling with Okane Inspector, Brady. Sampling and testing is going well.

General Remarks

Trucks 231, 232 hauled in CCL Material for Lift 2 on Panel 30.

421 and 420 Dozer placed CCL material on Panel 30 for Lift 2 +/-0+690 to +/-0+784.

Excavator 836 made test pads for nuclear gauge, testing and sampling.

Excavator LD0831 loaded trucks at CCL Stockpile.

Description of CCL Material:

CCL material was dark grey and sticky WML and Brenna mix.
Very little rock.

Panel Approval:

Panel Description

CCL Panel 30 Lift 1

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Very little rock
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Soft and sticky
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.26m-0.30m
Water Content within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	23% - 29%
Density within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Sampling:
 EMRS22-MC_P30_L1_S516_220526
 EMRS22-MC_P30_L1_S517_220526
 EMRS22-MC_P30_L1_S518_220526
 EMRS22-MC_P30_L1_S519_220526
 EMRS22-MC_P30_L1_S520_220526
 EMRS22-MC_HY_AT_P30_L1_S521_220526
 Density Testing:
 EMRS_P30_L1_D466
 EMRS_P30_L1_D467
 EMRS_P30_L1_D468
 EMRS_P30_L1_D469
 EMRS_P30_L1_D470
 EMRS_P30_L1_D471
 EMRS_P30_L1_D472

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL Panel 30 Lift 2	+/-0+690 to +/-0+784	231, 232, 420,421, 836, 831

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
 DN: cn=Keith Naumann,
 o=Tulloch, ou,
 email=keith.naumann@tulloch.ca,
 c=CA
 Date: 2022.05.27 06:53:53 -05'00'

PHOTOGRAPHS



Photo #: 1

Nuclear Gauge compaction test D467.

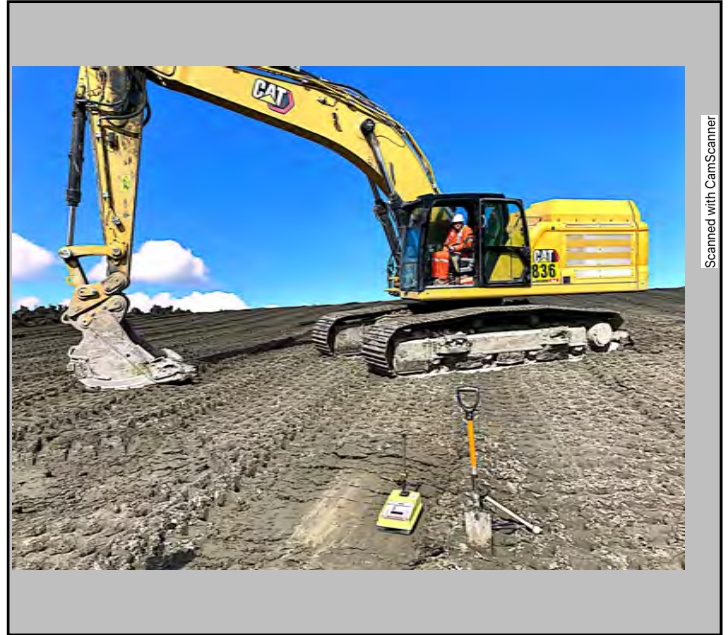


Photo #: 2

Excavator 836 made testing and sampling pads.



Photo #: 3

Excavator 836 Removing oversize rock.

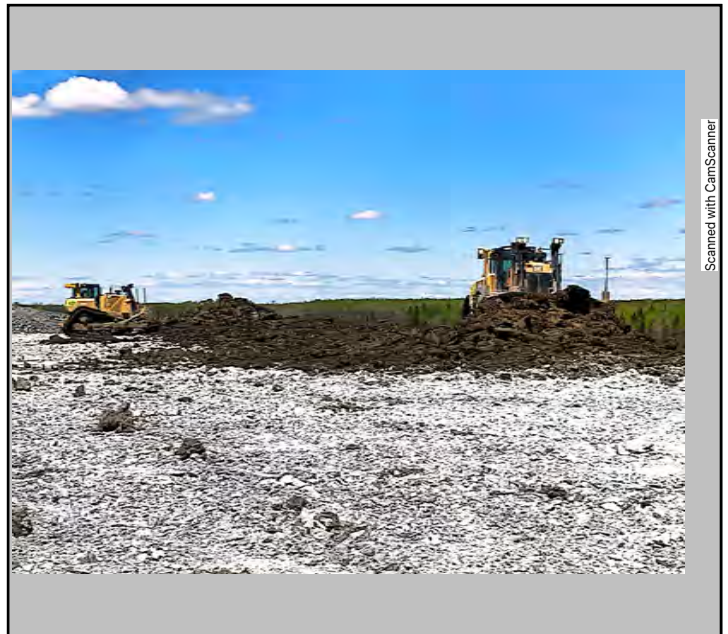


Photo #: 4

421 and 420 Dozer placing CCL panel 30 lift 2.

PHOTOGRAPHS



Photo #: 5



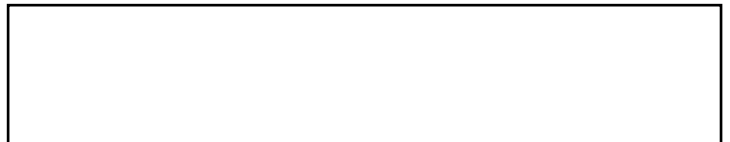
Photo #: 6



Photo #: 7



Photo #: 8



PHOTOGRAPHS



Photo #: 9



Photo #: 10

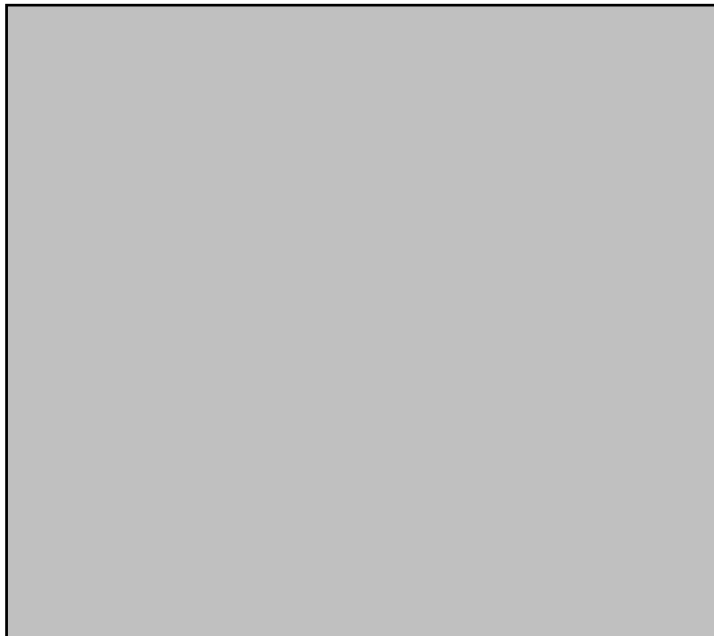


Photo #: 11



Photo #: 12

Date:	May 28,2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation 0 mm

Temperature
(High/Low)

20

11

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

23

20

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Discussed timing of lift placement with NG Dale.
Discussed timing of lift placements with Okane Inspector Brady.
Brady stated the CCL Panel 30 Lift 2 had sustained dessication and exceed 24hr window. Placement of NCL was allowed to continue through the end of the day on the south half of the panel.
New Gold was short staffed due to Covid.

General Remarks

Trucks 235, 232 hauled in NCL material for Lift 3 on Panel 30.

421 Dozer placed NCL on Panel 30 for Lift 3 +/-0+690 to +/-0+784.

Excavator 836 loaded at NCL stockpile.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	Few rocks
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	Moist & pliable
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	23%-29%
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

N/A

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL Lift 3 Panel 30	+/-0+690 to +/-0+784	235, 232,421, 836

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.05.28 17:56:56 -05'00'

PHOTOGRAPHS



Photo #: 1

421 Dozer placing NCL Panel 30 Lift 3.

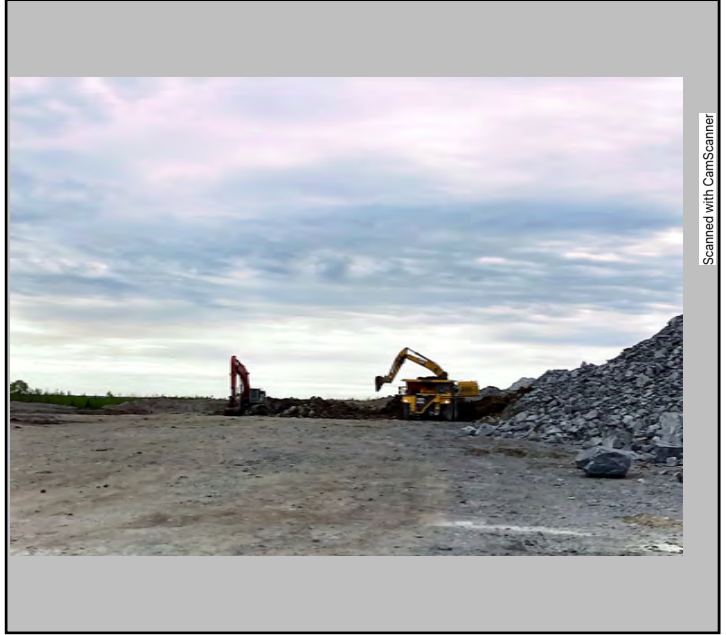


Photo #: 2

836 Excavator loading trucks at NCL stockpile.



Photo #: 3

235 Truck dumping NCL material at Panel 30 for Lift 3.



Photo #: 4

PHOTOGRAPHS



Photo #: 5



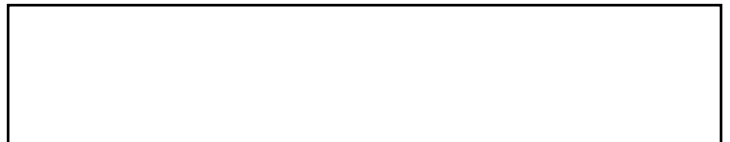
Photo #: 6



Photo #: 7



Photo #: 8



PHOTOGRAPHS

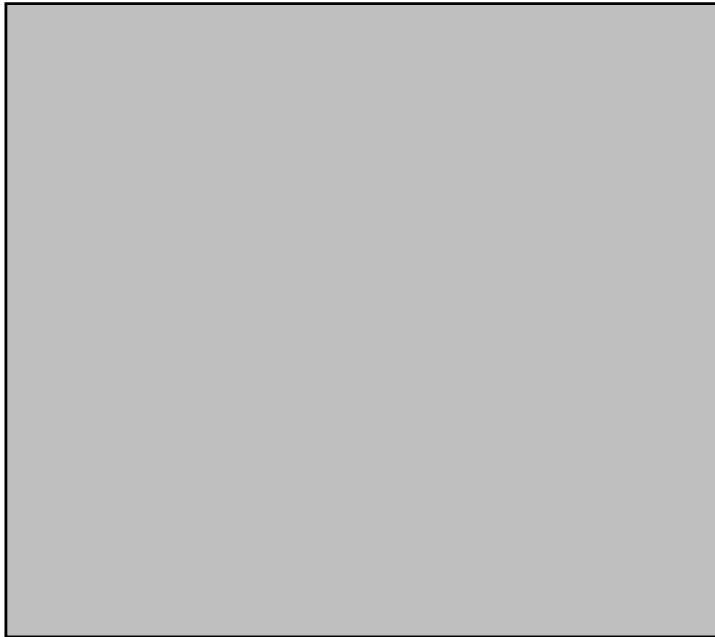


Photo #: 9

Empty rectangular box for photo description.



Photo #: 10

Empty rectangular box for photo description.



Photo #: 11

Empty rectangular box for photo description.



Photo #: 12

Empty rectangular box for photo description.

Duplicate Page

Date:	May 29, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Martin M./Keith N,	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Rain

Precipitation 0 - 5 mm

Temperature
(High/Low)

14

13

Humidity

80 to 100%

Wind

Moderate

Afternoon Conditions

Weather

Fair

Precipitation

5 - 10 mm

Temperature
(High/Low)

16

14

Humidity

80 to 100%

Wind

Moderate

Meeting Summaries

Tulloch, New Gold and Okane discussed the state of CCL Lift 2 for Panel 30. Due to the size of the panel and a covid outbreak among New Gold operators there is only one dozer placing material, taking longer to cover the CCL lift 2. New Gold will ensure to cover Lift 2 with a thin lift of NCL material prior to bringing NCL Lift 3 to grade. Okane advised they will conduct testing in the area of concern.

Okane advised the CCL Lift 2 is over saturated to place NCL Lift 3 after the lightning stand down was cleared. Tulloch spoke with New Gold Supervisor and relayed the message from Okane. With more rain in the forecast expected over night New Gold ceased the EMRS operation to allow the lifts to dry.

General Remarks

Panel 30 NCL Lift 3 - Dozer 421 continuing to place NCL material to cover CCL Lift 2 prior to bringing Lift 3 to grade. EX 836 loading two Haul trucks with stockpiled material for Panel 30 NCL Lift 3.

Description of CCL Material:

No CCL material placed today.

Panel Approval:

Panel Description

Panel 30 in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Sample:

EMRS22-P30-L3-S534. Okane took a sample at this location for lab comparisons.

See EMRS Tracking Summary for further sample information.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
Panel 30 NCL Lift 3	(+/-)0+690 to (+/-)0+784	D421, EX836, Truck 232&235

Key-in Trench:
Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.05.30 06:33:26
-05'00'

PHOTOGRAPHS



Photo #: 1

Panel 30 NCL Lift 3 placement.



Photo #: 2

Water pooling after rain storm on Panel 30 CCL Lift 2.

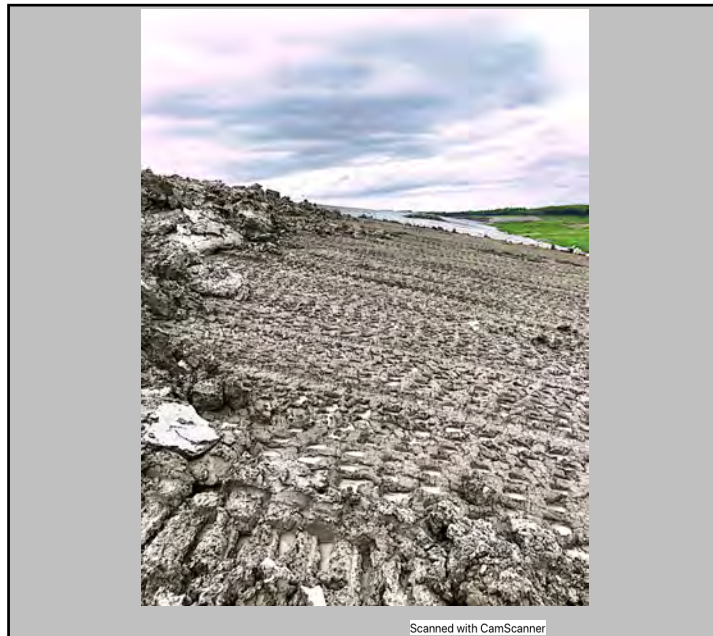


Photo #: 3

Panel 30 NCL Lift 3 placement.



Photo #: 4

Water pooling after rain storm on Panel 30 CCL Lift 2.

Date:	May 30, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Martin M./Keith N.	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Rain	Precipitation	10 - 20 mm
Temperature (High/Low)	18 16	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Cloudy	Precipitation	0 mm
Temperature (High/Low)	24 18	Humidity	40 to 60%	Wind	Low

Meeting Summaries

Inclement weather forecasted today, New Gold advised they are shutting down the EMRS for the day due to heavy rain and thunderstorms.

General Remarks

Tulloch on site to take pictures.

Description of CCL Material:

Panel Approval:

Panel Description

Panel 30 in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

No sampling or testing today.

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**



Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.05.31 07:14:19
-05'00'

PHOTOGRAPHS



Photo #: 1

Panel 30 CCL Lift 2.



Photo #: 2

Panel 30 NCL Lift 3.



Photo #: 3

Water pooling on the Panel 30 CCL Lift 2.



Photo #: 4

Heavy saturated clay after rain.

Date:	May 31, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Martin M./Keith N.	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

13

13

Humidity

80 to 100%

Wind

Moderate

Afternoon Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

14

13

Humidity

80 to 100%

Wind

High

Meeting Summaries

Inclement weather forecasted today, New Gold advised they are shutting down the EMRS for the day.

General Remarks

Tulloch on site to take photos.

Description of CCL Material:

Panel Approval:

Panel Description

Panel 30 in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

No testing or sampling today.

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.06.01 06:39:09
-05'00'

PHOTOGRAPHS



Photo #: 1

Panel 30.



Photo #: 2

Panel 30.



Photo #: 3

Panel 30.



Photo #: 4

Panel 30.

Duplicate Page

Date:	June 1, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

15

6

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

19

15

Humidity

20 to 40%

Wind

Moderate

Meeting Summaries

No operations today, EMRS material saturated after multiple days of rain.

General Remarks

Tulloch on site to review Panel 30 and take pictures.

Description of CCL Material:

Panel Approval:

Panel Description

Panel 30 in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

No testing or sampling today.

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

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DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.06.02 07:16:08
-05'00'

PHOTOGRAPHS



Photo #: 1

Panel 30 CCL Lift 2.



Photo #: 2

Panel 30 CCL Lift 2.



Photo #: 3

Panel 30 NCL Lift 3.



Photo #: 4

Panel 30 NCL Lift 3.

Date:	June 2, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

10

7

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

10

8

Humidity

80 to 100%

Wind

Moderate

Meeting Summaries

No EMRS Operations today. Tulloch on site to take pictures and review CCL condition.

General Remarks

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

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email=martin.moore@tulloch.ca,
c=CA
Date: 2022.06.03 07:23:37
-05'00'

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 1

Panel 30.



Scanned with CamScanner

Photo #: 2

Panel 30.



Scanned with CamScanner

Photo #: 3

Panel 30.



Photo #: 4

Date:	June 3, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 3

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

14

6

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

19

14

Humidity

20 to 40%

Wind

High

Meeting Summaries

No EMRS operations today.

General Remarks

Description of CCL Material:

Panel Approval:

Panel Description

Panel 30 in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

**Key-in Trench:
Location**

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.06.04 07:21:28
-05'00'

Date:	June 4, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 3

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

15

3

Humidity

80 to 100%

Wind

Still

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

19

15

Humidity

20 to 40%

Wind

Low

Meeting Summaries

No operations today.

General Remarks

Description of CCL Material:

Panel Approval:

Panel Description

Panel 30 in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.06.05 08:28:40
-05'00'

Date:	June 5, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 3

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

10

6

Humidity

60 to 80%

Wind

Still

Afternoon Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

14

10

Humidity

80 to 100%

Wind

Low

Meeting Summaries

No operations today.

General Remarks

Description of CCL Material:

Panel Approval:

Panel Description

Panel 30 in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:
Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.06.06 07:36:50
-05'00'

Date:	June 6, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 3

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

15

6

Humidity

60 to 80%

Wind

Still

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

22

15

Humidity

20 to 40%

Wind

Low

Meeting Summaries

No operations today.

General Remarks

Description of CCL Material:

Panel Approval:

Panel Description

Panel 30 in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**



Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.06.07 06:42:28
-05'00'

Date:	June 7, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 3

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

15

8

Humidity

60 to 80%

Wind

Still

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

15

Humidity

20 to 40%

Wind

Still

Meeting Summaries

No operations today.

General Remarks

Description of CCL Material:

Panel Approval:

Panel Description

Panel 30 in progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.06.08 07:37:49
-05'00'

Date:	June 8, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation 0 mm

Temperature
(High/Low)

9

19

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

23

19

Humidity

20 to 40%

Wind

Moderate

Meeting Summaries

No operations today.

General Remarks

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.06.09 06:39:39 -05'00'

Date:	June 9, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

20

9

Humidity

80 to 100%

Wind

Still

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

23

20

Humidity

20 to 40%

Wind

Low

Meeting Summaries

No operations today.

General Remarks

Panel 30 CCL Lift 2 has desiccation on the exposed portion.

Panel 30 NCL Lift 3, Material has dried on the surface and has some sections retaining standing water.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.06.10 06:39:26 -05'00'

PHOTOGRAPHS



Photo #: 1

Panel 30 NCL Lift 3



Photo #: 2

Panel 30 NCL Lift 3 and CCL Lift 2



Photo #: 3

Panel 30 CCL Lift 2

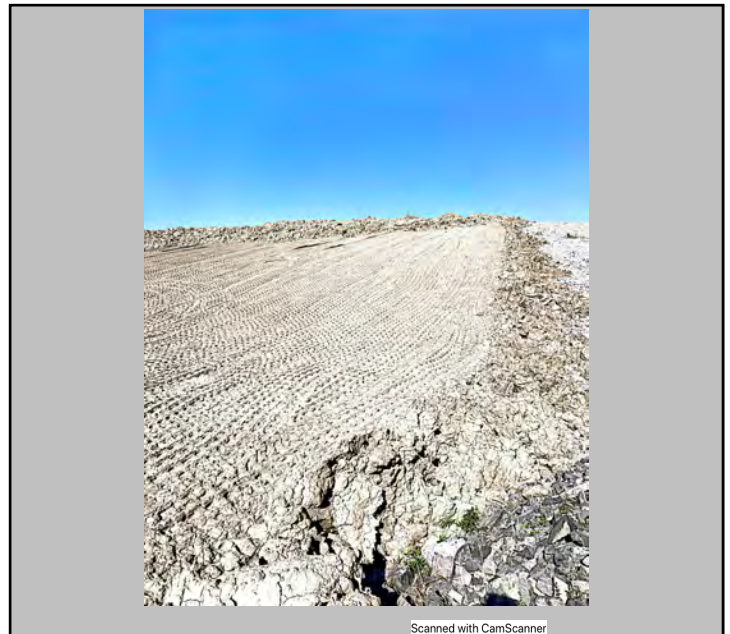


Photo #: 4

Panel 30 NCL Lift 3 and CCL Lift 2

Duplicate Page

Date:	June 10, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

22

15

Humidity

80 to 100%

Wind

Still

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

27

22

Humidity

20 to 40%

Wind

Low

Meeting Summaries

No operations today.

General Remarks

Panel 30 CCL Lift 2 has desiccation on the exposed portion.

Panel 30 NCL Lift 3, Material has dried on the surface and has some sections retaining standing water.

Tulloch laid out panels 31 and 32 on approved base rock.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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DN: cn=Keith Naumann,
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email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.06.11 06:36:53 -05'00'

PHOTOGRAPHS



Photo #: 1

Panel 30 NCL lift 3.



Photo #: 2

Panel 30 CCL Lift 2.

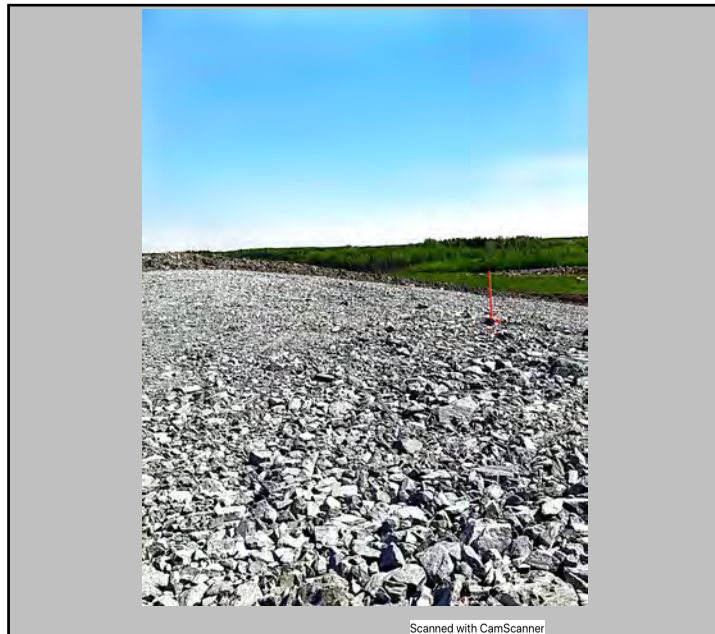


Photo #: 3

Proposed panel 31 and 32 laid out.



Photo #: 4

Date:	June 11, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

21

14

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

24

21

Humidity

20 to 40%

Wind

Low

Meeting Summaries

No operations today.

General Remarks

Panel 30 CCL Lift 2 has desiccation on the exposed portion.

Panel 30 NCL Lift 3, Material has dried on the surface and has some sections retaining standing water.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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Date: 2022.06.12 06:26:56 -05'00'

PHOTOGRAPHS



Photo #: 1

Panel 30 NCL Lift 3



Photo #: 2

Panel 30 CCL Lift 2



Photo #: 3



Photo #: 4

Duplicate Page

Date:	June 12, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

19

13

Humidity

80 to 100%

Wind

Still

Afternoon Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

21

19

Humidity

40 to 60%

Wind

Low

Meeting Summaries

No operations today.

General Remarks

Panel 30 CCL Lift 2 has desiccation on the exposed portion.

Panel 30 NCL Lift 3, Material has dried on the surface and has some sections retaining standing water.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

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CQA / New Gold Representative :

CQC Representative:

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Naumann**

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c=CA
Date: 2022.06.13 06:27:42 -05'00'

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 1

Panel 30 NCL Lift 3



Scanned with CamScanner

Photo #: 2

Panel 30 CCL Lift 2



Photo #: 3



Photo #: 4

Duplicate Page

Date:	June 13, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

20

14

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

20

Humidity

40 to 60%

Wind

Low

Meeting Summaries

No operations today.

General Remarks

Panel 30 CCL Lift 2 has desiccation on the exposed portion. Rain visually added moisture to the surface.

Panel 30 NCL Lift 3, Material has dried on the surface and has some sections retaining standing water. Rain visually added moisture to the surface.

Tulloch reviewed base rock crest from STA 0+600 to 0+550 for survey. Large windrows require re touching prior to survey.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

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CQC Representative:

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Date: 2022.06.14 06:26:46 -05'00'

PHOTOGRAPHS



Photo #: 1

Panel 30 CCL Lift 2



Photo #: 2

Panel 30 NCL Lift 3

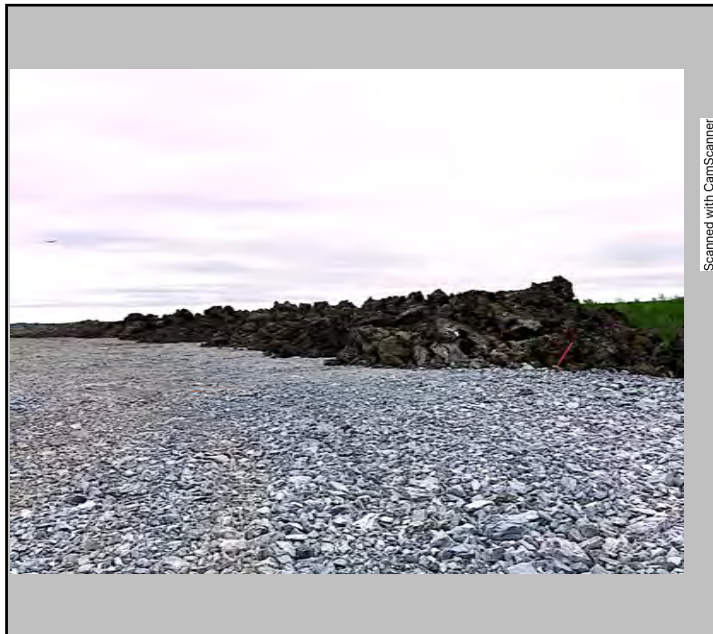


Photo #: 3

Clay material stockpiled on the crest of Panel 31 and 32.



Photo #: 4

Clay material stockpiled on crest of Panel 31 and 32.

Duplicate Page

Date:	June 14, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Rain

Precipitation

0 - 5 mm

Temperature
(High/Low)

18

16

Humidity

80 to 100%

Wind

Moderate

Afternoon Conditions

Weather

Showers

Precipitation

0 mm

Temperature
(High/Low)

22

18

Humidity

80 to 100%

Wind

Moderate

Meeting Summaries

No operations today.

General Remarks

Panel 30 CCL Lift 2 has desiccation on the exposed portion. Rain visually added moisture to the surface.

Panel 30 NCL Lift 3, Material had dried on the surface and has some sections retaining standing water. Rain visually added moisture to the surface.

Clay material stockpile was continued by night shift from STA 0+630 to 0+600 on the crest.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:
Location

CCL Contact Material

Comment

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CQA / New Gold Representative :

CQC Representative:

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c=CA
Date: 2022.06.15 06:24:34 -05'00'

PHOTOGRAPHS



Photo #: 1

Panel 30 NCL Lift 3



Photo #: 2

Panel 30 CCL Lift 2



Photo #: 3

Panel 30 CCL Lift 2



Photo #: 4

Clay material stock piled on crest from STA 0 +693 to 0+600

Duplicate Page

Date:	June 15, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

21

14

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

26

21

Humidity

60 to 80%

Wind

Low

Meeting Summaries

General Remarks

Excavator 836 was used to dig sample pits.
 Two samples where taken from stockpile north of panel 30.
 A sample was taken from the stockpile on the crest of panel 31/32.
 A sample was taken from the stockpile on the crest of panel 33.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Sampling:

EMRS22_PR_MC_HY_AT_SP_S535_220615

EMRS22_PR_MC_HY_AT_SP_S536_220615

EMRS22_PR_MC_HY_AT_SP_S537_SP_P31/P32_220615

EMRS22_PR_MC_HY_AT_SP_S537_SP_P33_220615

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

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Naumann

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c=CA
Date: 2022.06.15 12:11:53 -05'00'

PHOTOGRAPHS



Photo #: 1

Four samples: S535 to S538. From Stockpile and stockpile on crest of Panel 31-33.



Photo #: 2



Photo #: 3



Photo #: 4



Date:	July 1,2022	Owner/Client:	New Gold Inc.
Day:	Friday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

20

9

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

22

20

Humidity

20 to 40%

Wind

Moderate

Meeting Summaries

Discussed desiccation of exposed portion of CCL Lift 2 in Panel 30 with Okane inspector.

Discussed the placement of NCL Lift 3 on Panel 30 and required compaction testing to re-approve exposed portion of CCL Lift 2 Panel 30 with NG and Okane inspector.

General Remarks

Dozer 420 and 421 reworked the exposed portion of CCL Lift 2 in Panel 30.

The desiccated layer was removed and the underlying material was track packed.

Nuclear gauge was used to complete moisture content testing to ensure that a sufficient amount of desiccated material was removed prior to NCL placement.

CP56B packer with vibrator was used on the exposed portion of CCL Lift 2 in Panel 30.

Compaction testing was conducted on CCL Lift 2 Panel 30.

CQC, Tulloch, surveyed the exposed portion of the CCL Lift 2 after re-work and confirmed that grade was within spec.

Dozer 420 and 421 pushed NCL Lift 3 and completed coverage of Panel 30 CCL Lift 2.

Excavator 836 loaded truck 231 from south clay stock pile to Panel 30. Dozer 421 began to push NCL Lift 3 Panel up to grade.

Description of CCL Material:

CCL material was dark grey, WML and Brenna mix.
Very little rock.

Panel Approval:

Panel Description

CCL Panel 30 Lift 2

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Very little rock
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.26-0.30m
Water Content within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	18.6% - 24.6%
Density within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Desiccation removal

Testing and Sampling Completed:

Testing:
 EMRS_P30_L2_D487
 EMRS_P30_L2_D488
 EMRS_P30_L2_D489
 EMRS_P30_L2_D490
 Sampling:
 EMRS22_MC_P30_L2_S539_220701
 EMRS22_MC_P30_L2_S540_220701
 EMRS22_MC_P30_L2_S541_220701
 EMRS22_MC_P30_L2_S542_220701
 EMRS22_MC_P30_L3_S543_220701

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
------------------	------------------	----------------------------

Key-in Trench:
 Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
 Naumann**

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 email=keith.naumann@tulloch.ca,
 c=CA
 Date: 2022.07.02 08:10:10 -05'00'

PHOTOGRAPHS



Scanned with CamScanner



Scanned with CamScanner

Photo #: 1

Dozer 420 and 421 re-working exposed CCL L2 in P30.

Photo #: 2

Dozer 421 re-working exposed CCL L2 in P30.



Scanned with CamScanner

Photo #: 3

Packer on exposed section of CCL L2 in P30.



Scanned with CamScanner

Photo #: 4

Sample EMRS22_MC_P30_L2_S541_220701

PHOTOGRAPHS



Photo #: 5

Truck 231 hauling clay material from south stockpile.



Photo #: 6

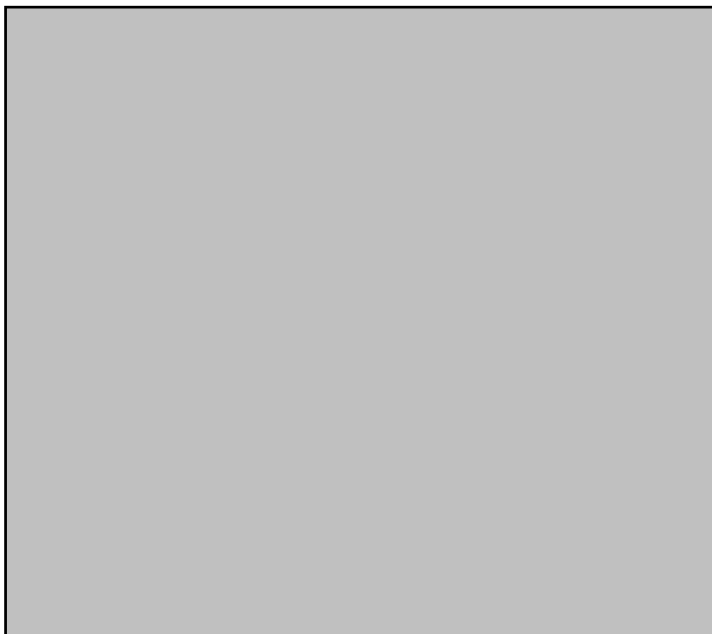


Photo #: 7

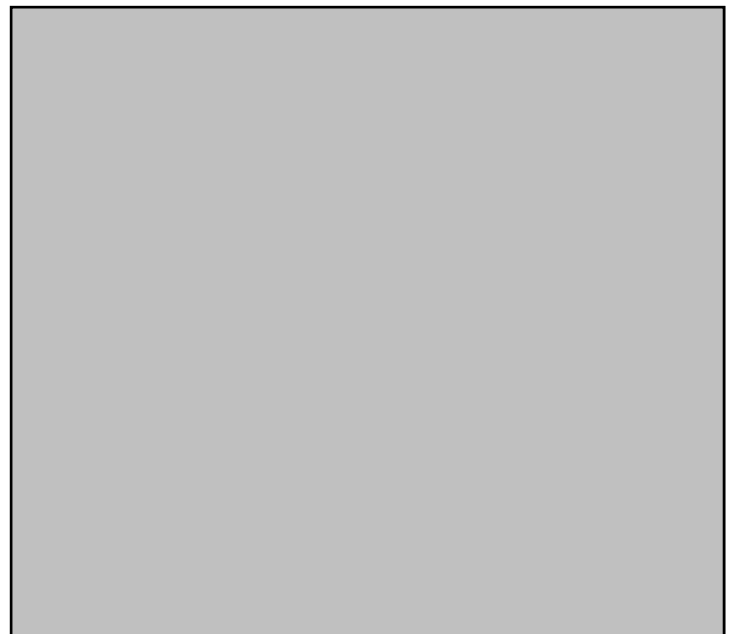


Photo #: 8



Duplicate Page

Date:	July 2, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

18

9

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

21

18

Humidity

40 to 60%

Wind

Low

Meeting Summaries

Discussed sampling requirement for NCL material with Okane inspector.

General Remarks

Excavator 836 loaded Truck 231 at south clay stockpile.

Truck 231 dumped clay material at crest of Panel 30 where Dozer 421 was placing NCL Lift 3.

Dozer 421 continued placing NCL Lift 3 in Panel 30 to completion.

CQC, Tulloch, surveyed Panel 30 for Lift 3 thickness.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL Placement P30 L3	0+693 to +/-0+784	420, 231, 836

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.03 06:52:05 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading Truck 231 from south clay stockpile.



Photo #: 2

Dozer 420 Placing NCL Lift 3 on Panel 30.

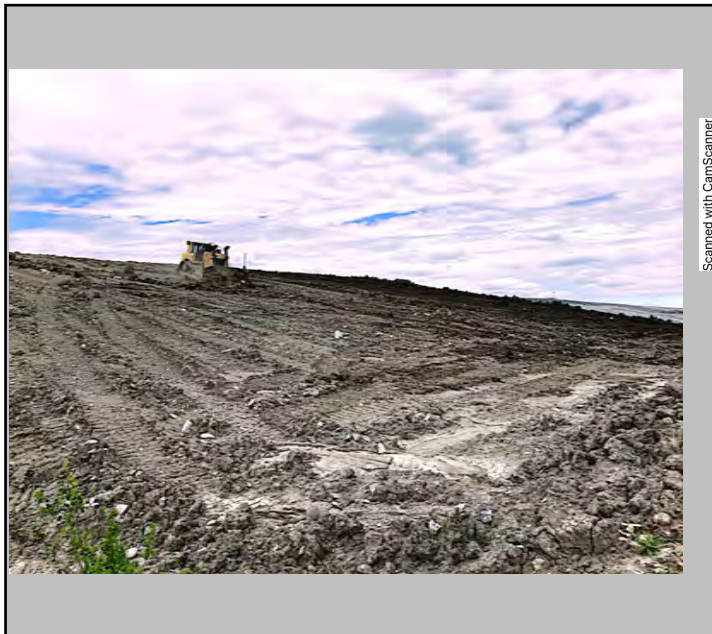


Photo #: 3

Dozer 420 Placing NCL Lift 3 on Panel 30.

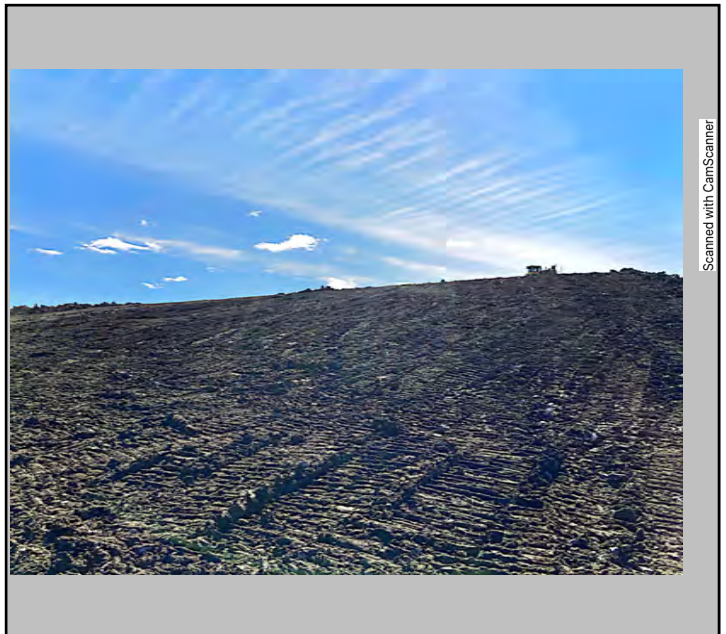


Photo #: 4

NCL Lift 3 Panel 30 at grade.

Date:	July 3, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

19

10

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

21

19

Humidity

40 to 60%

Wind

Low

Meeting Summaries

General Remarks

Excavator 836 Loaded Truck 231 with clay material at south stockpile.

Truck 231 dumped clay material on the crest of Panel 30.

Dozer 420 Placed NCL Lift 4 on Panel 30 beginning at the the south end of the panel.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL L4 P30	0+693 to +/-0+715	420, 231, 836

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

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Naumann**

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email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.04 06:51:23 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading clay material into Truck 231.



Photo #: 2

Truck 231 dumping clay material on the crest at the south end of P30.



Photo #: 3

Dozer 420 placing NCL Lift 4 on Panel 30 near south edge.

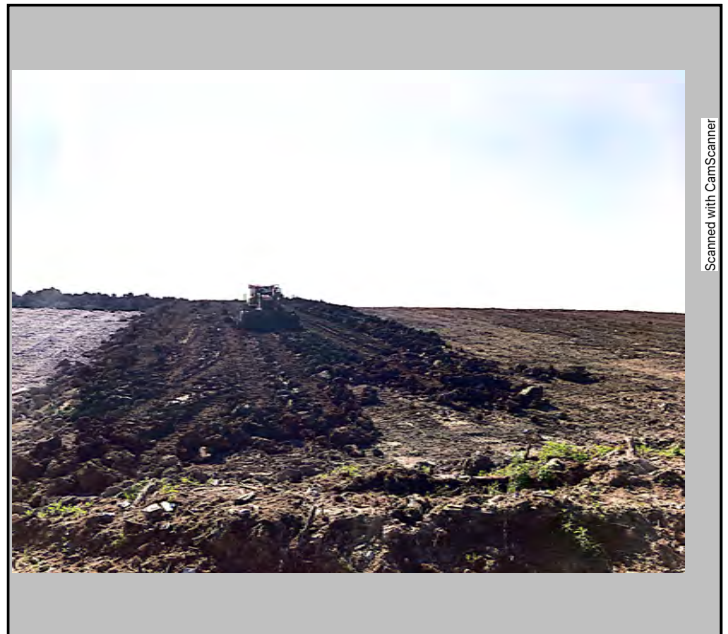


Photo #: 4

Dozer 420 placing NCL Lift 4 on Panel 30 near south edge.

Date:	July 4, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

19

16

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

20

19

Humidity

80 to 100%

Wind

Low

Meeting Summaries

Discussed the possibility of using portions of South Stockpile material for CCL with Okane inspector and NG.

General Remarks

Excavator 836 Loaded Truck 231 with clay material at south stockpile

Truck 231 dumped clay material on the crest of Panel 30.

Dozer 420 Placed NCL Lift 4 on Panel 30 working from the south end towards the north.

CQC, Tulloch, Collected a sample from the south stock pile.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Sample:
EMRS22_PR_MC_SP_S544_220704

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL L4 P30	0+693 to +/-0+730	420, 421, 231, 836,

Key-in Trench:
Location

CCL Contact Material

Comment

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CQC Representative:

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PHOTOGRAPHS



Photo #: 1

Excavator 836 loading Truck 231 at south stockpile.



Photo #: 2

Truck 231 dumping clay material on the crest of Panel 30 for NCL Lift 4.

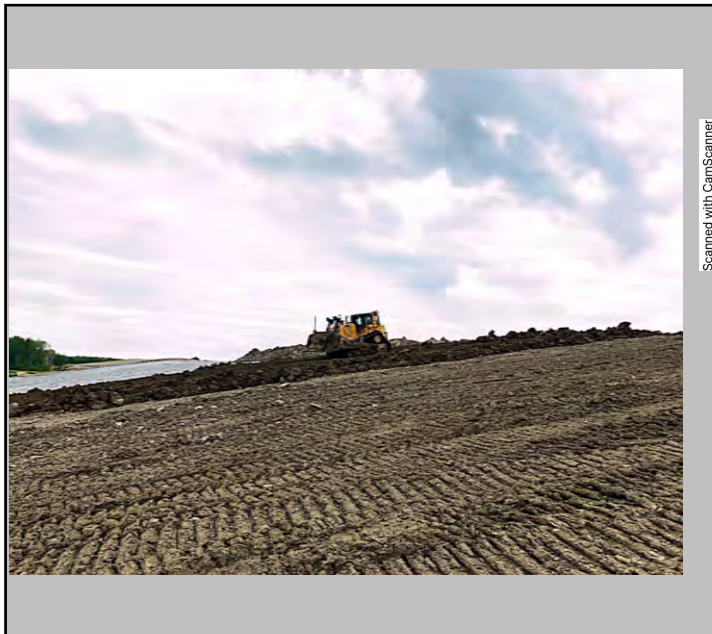


Photo #: 3

Dozer 420 placing NCL Lift 4 on Panel 30.



Photo #: 4

Dozer 420 placing NCL Lift 4 on Panel 30.

PHOTOGRAPHS



Photo #: 5

Sample: EMRS22_PR_MC_SP_S544_220704



Photo #: 6



Photo #: 7



Photo #: 8



PHOTOGRAPHS



Photo #: 9

Empty text box for photo 9



Photo #: 10

Empty text box for photo 10

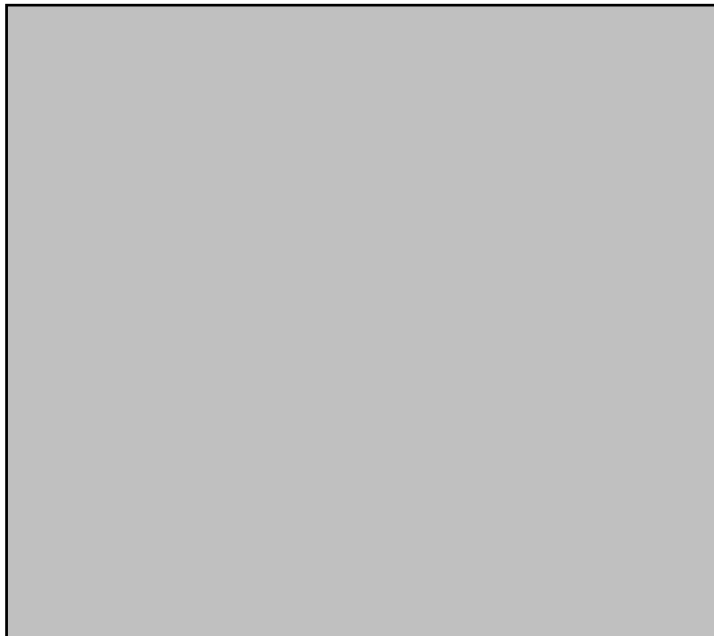


Photo #: 11

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Photo #: 12

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Date:	July 5, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

22

18

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

22

Humidity

40 to 60%

Wind

Low

Meeting Summaries

Discussed rocks oversized rocks that needed to be removed from Panel 31 and some dry areas on the Panel 31 with Okane Inspector.

General Remarks

Dozer 420 and 421 placed the clay material stockpiled on the crest of Panel 31 and 32 as CCL Lift 1 on Panel 31.

Excavator 836 dug the key trench for Panel 31 while Dozer 421 continued placing CCL Lift on the panel.

Excavator 836 cut back into the south edge of Panel 30 to tie in Panel 31.

Excavator 836 removed patches of dry material from Panel 31 and replaced with suitable material.

CQC, Tulloch, surveyed Panel 31 for grade of CCL lift 1.

Packer CP56B packed CCL Panel 31 Lift 1.

Excavator 836 built test pads for compaction testing and sampling.

Description of CCL Material:

CCL material was dark grey WML and Brenna mix.

Panel Approval:

Panel Description

CCL Panel 30 Lift 2. Complete.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pliable
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.25-0.30
Water Content within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	21.9-27.9
Density within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dry spots replaced

Testing and Sampling Completed:

Testing:

EMRS_P31_L1_D491
EMRS_P31_L1_D492
EMRS_P31_L1_D493
EMRS_P31_L1_D494
EMRS_P31_L1_D495

Sample:

EMRS22_MC_P31_L1_S545_220705
EMRS22_MC_AT_HY_P31_L1_S546_220705
EMRS22_MC_P31_L1_S547_220705
EMRS22_MC_P31_L1_S548_220705
EMRS22_MC_P31_L1_S549_220705

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL P31 L1	0+693 to 0+661	420, 421, 836, Cat CP56B

**Key-in Trench:
Location**

CCL Contact Material

Comment

0+693 to 0+661	Mostly bedrock	Bedrock at 1m-2.5m depth
----------------	----------------	--------------------------

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.06 08:36:29 -05'00'

PHOTOGRAPHS



Photo #: 1

Dozer 420 and 421 placing CCL L1 P31



Photo #: 2

Excavator 836 digging key trench for P31



Photo #: 3

Tie in for P31 to P31.

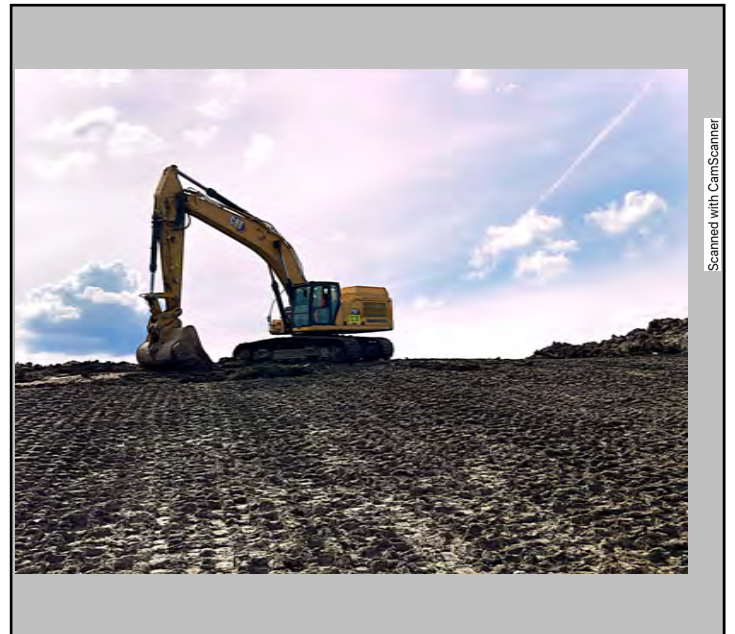


Photo #: 4

Excavator 836 replacing dry CCL material on P31.

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 5

Cat CP56B packing P31



Scanned with CamScanner

Photo #: 6

Toe of P31.



Photo #: 7



Photo #: 8

Date:	July 6, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

23

16

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

23

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Discussed the material coming from the south stockpile for use as CCL, with Okane inspector. Material contains more Brenna but is still acceptable for use as CCL material.

After placing several loads of clay material from the south stockpile it was discussed with NG that the remainder of the crest stockpile would be used for CCL on Panel 31 instead of material from the south stockpile.

General Remarks

P30:

Panel 30 has begun to dry after having some standing water yesterday.

P31:

Dozer 420 and 421 began placing CCL L2 from material stockpile on the crest of panels 32 and 33. Upon the arrival of Truck 233, Dozer 420 continued placing CCL L2. Excavator 836 loaded Truck 233 at the south stockpile and Truck 233 dumped clay material on the crest. After several loads Dozer 420 and 421 continued placing CCL L2 from the crest stockpiles.

CQC, Tulloch, Surveyed panel for grade.

Cat CP56B compacted CCL L2 while 836 Excavator cleaned up the base layer of waster rock south of panel 33.

Excavator 836 was used to create test pads for compaction testing and sampling.

Description of CCL Material:

Dark grey clay with minimal small stone and minimal large rocks.

Panel Approval:

Panel Description

CCL P31 L2.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Moist, Pliable
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.25m-0.3
Water Content within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Testing:

EMRS_P31_L2_D496 to EMRS_P31_L2_D500

Sampling:

EMRS22_MC_P31_L2_S550_220706

EMRS22_MC_HY_AT_P31_L2_S551_220706

EMRS22_MC_P31_L2_S552_220706

EMRS22_MC_P31_L2_S553_220706

EMRS22_MC_P31_L2_S554_220706

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL P31 L2	0+693 to 0+661	420, 421, 233, 836, CP56B

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.07 08:23:38 -05'00'

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 1

Excavator 836 loading clay material into Truck 233.



Scanned with CamScanner

Photo #: 2

Truck 233 dumping clay material on crest of P31.



Scanned with CamScanner

Photo #: 3

Dozer's 420 and 421 placing CCL L2 on P31.



Scanned with CamScanner

Photo #: 4

Dozer's 420 and 421 placing CCL L2 on P31.

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 5

Cat CP56B compacting CCL L2 P31.

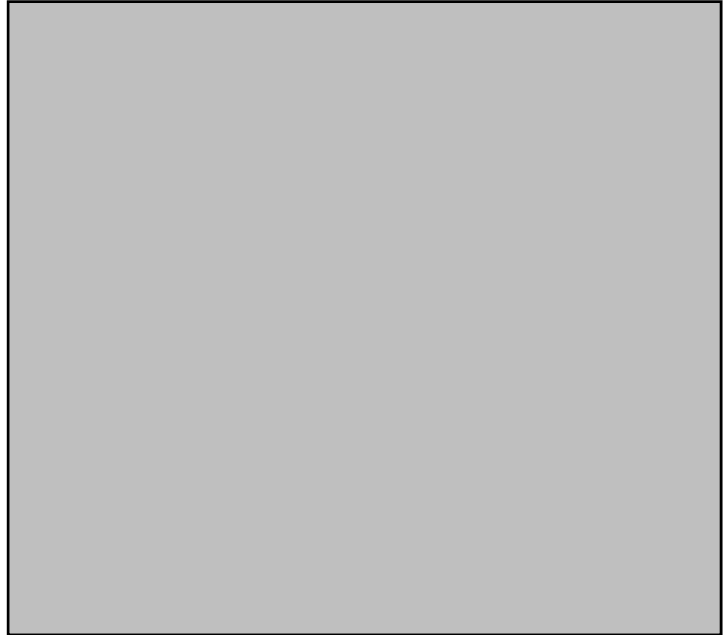


Photo #: 6



Photo #: 7



Photo #: 8



Duplicate Page

Date:	July 7, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

20

17

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

20

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Discussed adequacy of waste rock south of STA: 0+510 with Tulloch Team Lead.

Briefly discussed the adequacy of the waste rock south of STA: 0+510 with Okane Inspector.

General Remarks

Excavator 836 loaded Truck 233 with clay material at the south stockpile.

Truck 233 dumped the clay material on the crest of Panel 30 and 31.

Dozer 420 Placed NCL Lift 3 on Panel 31.

Description of CCL Material:

Panel Approval:

Panel Description	Panel 31 NCL L3
-------------------	-----------------

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dark gray some light brown
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL P31 L3	0+693 to 0+661	420, 836, 233

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.08 06:41:58 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading clay material into Truck 233 at south stockpile.



Photo #: 2

Truck 233 dumping Clay material on crest of P31.

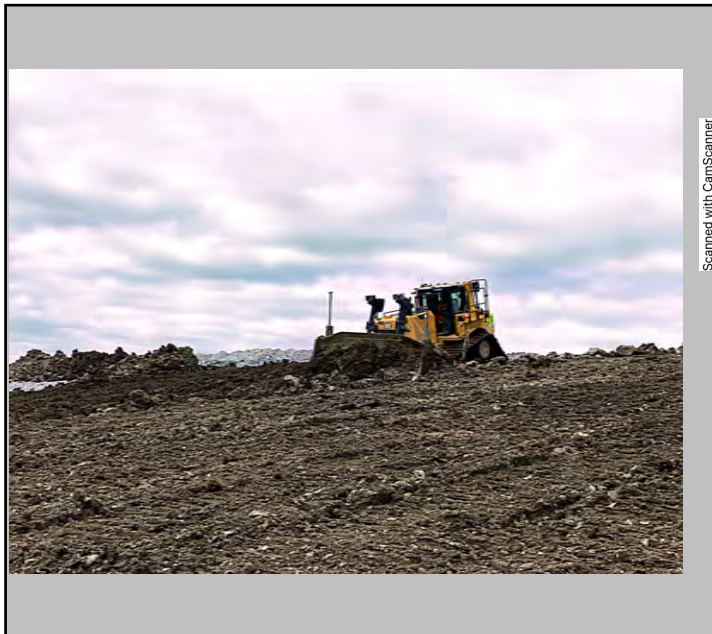


Photo #: 3

Dozer 420 placing NCL L3 on P31

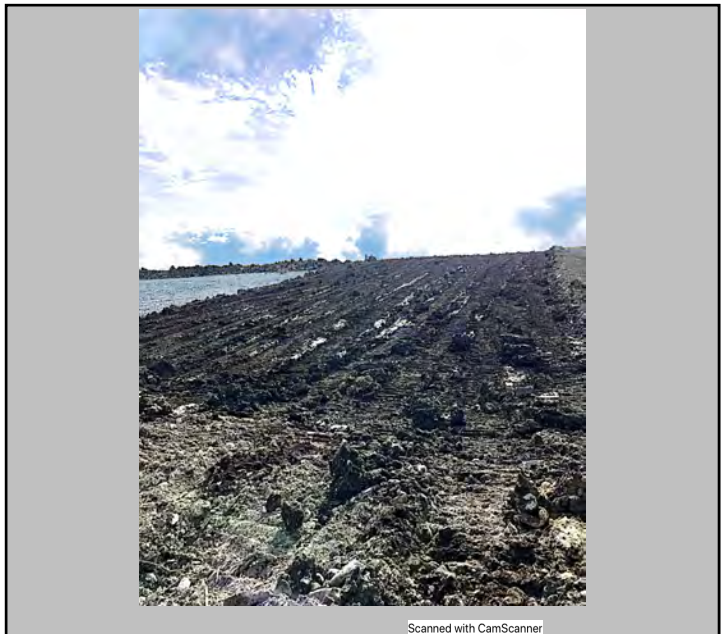


Photo #: 4

Panel 31.

Date:	July 8, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

16

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

26

24

Humidity

20 to 40%

Wind

Low

Meeting Summaries

Discussed adequacy of waste rock surface south of STA 0+510 with NG. Rock reworking is required.

Discussed how far back from the crest the cover system is required to go with NG and Okane inspector. It was determined that the plans need to be referred to for a final answer.

General Remarks

P30 L4:

Dozer 420 and 421 began by placing the remaining material that had been stockpiled on the crest of Panel 30 as NCL L4.

Once Truck 233 arrived, 836 loaded Truck 233 at the south stockpile while Dozer 420 continued placing NCL L4 on Panel 30.

Dozer 421 was used later in the day to spread out some of the remaining material from the south stockpile that was unsuitable for use as CCL or NCL.

P31 L3:

CQC, Tulloch, surveyed panel for grade.

Description of CCL Material:

Panel Approval:

Panel Description

NCL P31 L3 Complete.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dark Grey w/ Brown streaks
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.5m-0.6m
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Sample:
EMRS22_MC_HY_P31_L3_220708

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL P30 L4	0+693 to +/-0+730	420, 421, 836, 233

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.09 07:14:15 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading Truck 233 at south stockpile.



Photo #: 2

Truck 233 dumping clay material on the crest of P30.



Photo #: 3

Dozer 420 Placing NCL L4 on P30.



Photo #: 4



Date:	July 9, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

14

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

27

24

Humidity

40 to 60%

Wind

Low

Meeting Summaries

Discussed plan for the re working of rock south of 0+510 with NG, for when weather is too wet to place clay.

Discussed the need for the north edge of panel to be sloped with Okane Inspector.

General Remarks

P30 L4:

Excavator 836 loaded Truck 233 at the south stockpile.

Truck 233 hauled from the south stockpile to the crest of Panel 30.

Dozer 420 Placed NCL Lift 4 on Panel 30. The panel was completely placed and is awaiting grade survey.

Dozer 420 sloped the north edge of the panel to allow for sufficient coverage of CCL layers beneath.

Near the end of the day Dozer 420 and 421 worked on removing an over built section from the south end of the crest on Panel 30.

P31 L4:

Truck 233 stockpiled clay material on the crest of Panel 31.

Dozer 420 and 421 began placing NCL Lift 4 on Panel 31 late in the day.

Description of CCL Material:

Panel Approval:

Panel Description

NCL L4 P30. Placement complete. Grade survey required for lift approval.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dark Grey w/ Light brown
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Samples:
EMRS22_MC_HY_P30_L4_S556_220709
EMRS22_MC_P30_L4_S557_220709

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL L4 P30	0+693 to +/-0+730	420, 836, 233
NCL L4 P31	0+661 to 0+693	420, 421, 836, 233

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.10 06:46:40 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading Truck 233 at south stockpile.



Photo #: 2

Truck 233 Dumping clay material on the crest of P30

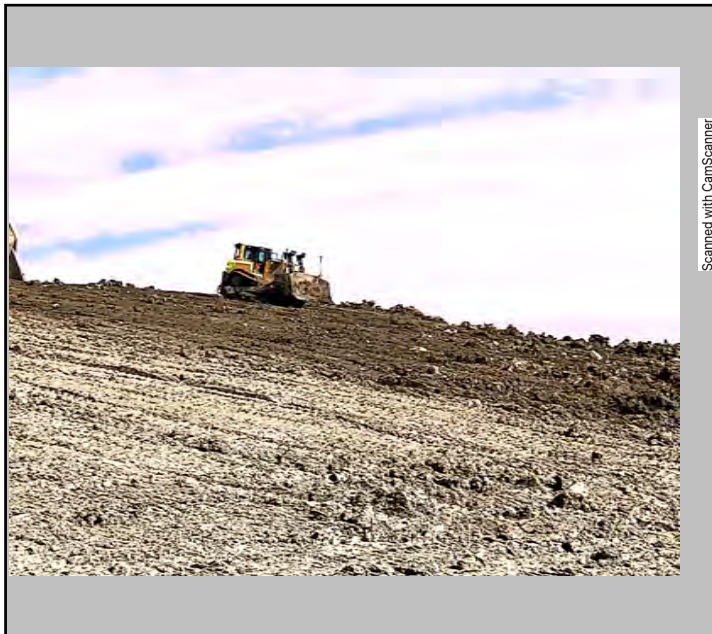


Photo #: 3

Dozer 420 placing NCL L4 on P30.

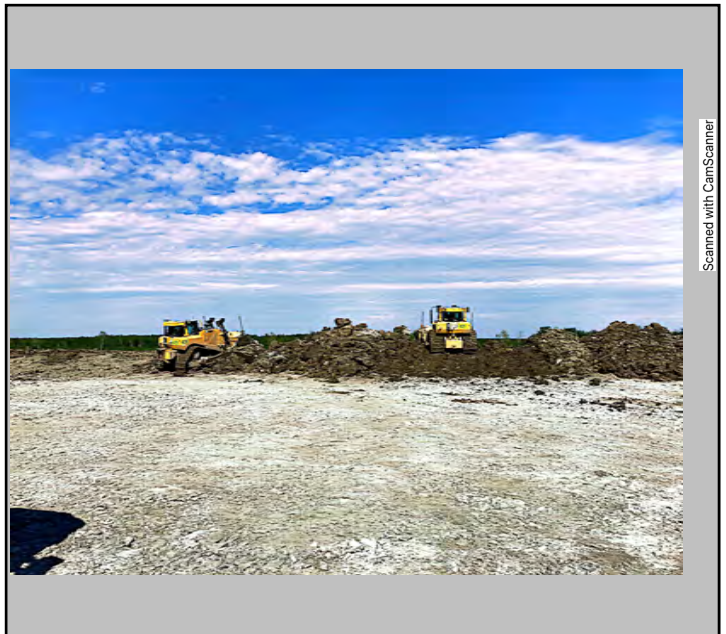


Photo #: 4

Dozer 420 and 421 Removing over built from P30 and starting to place NCL L4 P31.

PHOTOGRAPHS



Photo #: 5

Dozer 420 sloping north edge of P30.

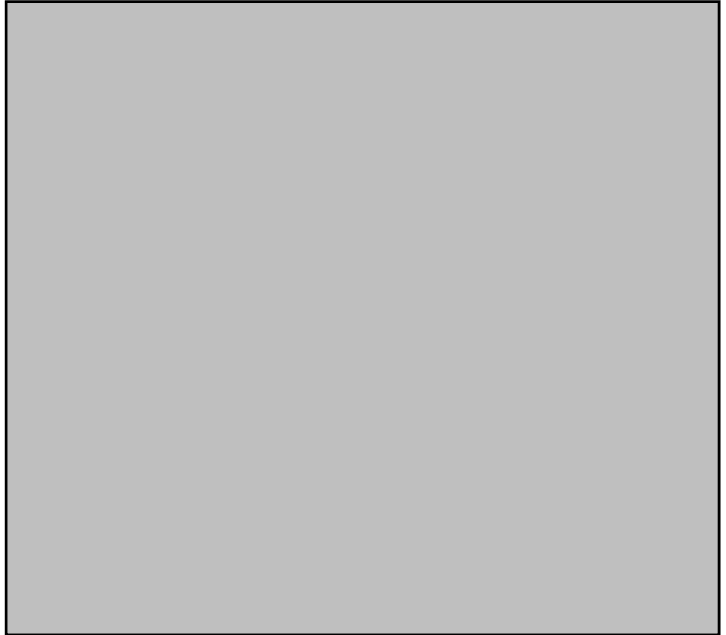


Photo #: 6

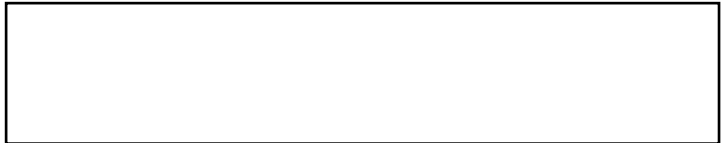


Photo #: 7



Photo #: 8



Date:	July 10, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 - 5 mm

Temperature
(High/Low)

24

22

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 - 5 mm

Temperature
(High/Low)

26

24

Humidity

60 to 80%

Wind

Moderate

Meeting Summaries

Discussed the plan for work to be completed in the EMRS today with NG. Begin by moving clay then switch to rock work as the weather turns to rain.

Discussed the tie in of NCL to existing soil at the toe of Panel 30 with Okane Inspector. Bottom of Panel as evenly blended into the existing soil.

General Remarks

Intermittent thunder storms.

P30 L4:

CQC, Tulloch, surveyed for grade.

Dozer 421 pushed the excess material from the end of panel 30.

Dozer 421 Track packed the bottom edge of Panel 30 to blend NCL Lift 4 in with the existing soil.

Excavator 836 cleaned up the North edge of Panel 30 near the toe.

P31 L4:

Excavator 836 loaded Truck 233 with clay material at the south stockpile.

Truck 233 hauled clay material to the crest of Panel 31.

Dozer 421 placed NCL L4 on Panel 31 from the stockpiled material on the crest.

Rock Work:

Excavator 836 removed oversize rock at the bottom of the rock slope south of STA 0+661 and Loaded them into Truck 246 who dumped them at the back of the rock bench. Excavator 836 also smoothed the toe of the rock.

Description of CCL Material:

Panel Approval:

Panel Description	NCL P30 L4. Completed.
-------------------	------------------------

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dark grey w/ some brown
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.5m-0.6m
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
Hauling Clay material	South stockpile to P31	233, 836
Rock Rework	South of 0+661	836, 246
NCL L4 P31	0+661 to 0+693	421

Key-in Trench:

Location	CCL Contact Material	Comment
----------	----------------------	---------

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.11 06:31:01 -05'00'

PHOTOGRAPHS



Photo #: 1

Material stockpiled on the crest of P31 by 233.



Photo #: 2

Completed Panel 30.



Photo #: 3

Excavator 836 removing oversize rock from toe of rock slope south of STA 0+661.

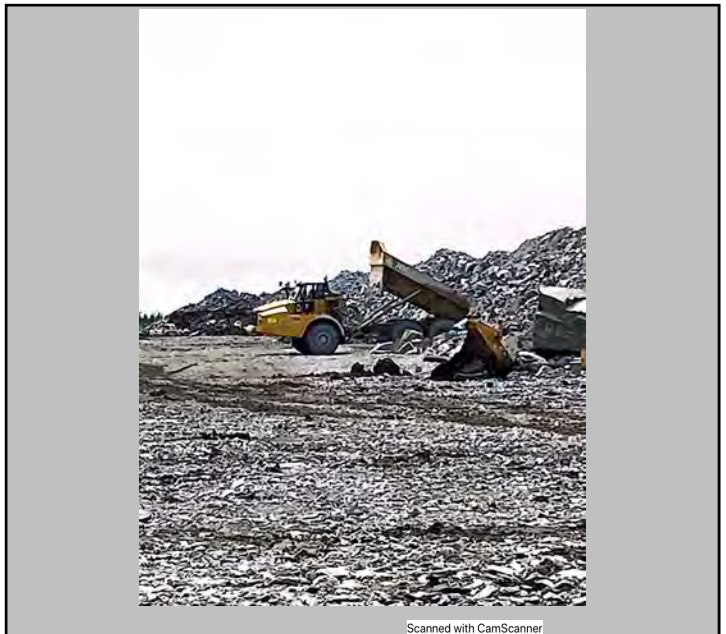


Photo #: 4

Truck 246 dumping oversized rocks.

PHOTOGRAPHS



Photo #: 5

Excavator 836 cleaning up North edge near toe of P30.



Photo #: 6

Dozer 421 placing NCL L4 on P31.



Photo #: 7



Photo #: 8

Date:	July 11, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Rain	Precipitation	0 - 5 mm
Temperature (High/Low)	18 16	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	19 18	Humidity	80 to 100%	Wind	Moderate

Meeting Summaries

Briefly discussed the material use of the remainder of the south stockpile with NG and Okane.

General Remarks

No activity due to rain.

Description of CCL Material:

Panel Approval:

Panel Description

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.12 06:26:41 -05'00'

PHOTOGRAPHS



Photo #: 1

P31 L3/L4 water pooling on surface.



Photo #: 2

Packer, 420, 421, 836, parked on site.



Photo #: 3



Photo #: 4

Date:	July 12, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

22

13

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

23

22

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Talked with NG about taking a sample from the remaining portion of the South Stockpile for potential use as CCL material.

General Remarks

Excavator 836 loaded Truck 231 with clay material at the south stockpile.

Truck 231 began dumping clay material on the crest of Panel 31 then moved on to dumping select clay material from the south stockpile on the crest of Panel 32 for use as CCL material.

CQC, Tulloch, took a sample from the remaining south stockpile.

Dozer 421 spread out the remaining unsuitable material in the south stockpile.

Dozer 421 attempted to track pack Panel 31 but there was too much moisture in the material.

Excavator 836 created shallow ditches to allow standing water on the toe of Panel 31 to drain.

Description of CCL Material:

Panel Approval:

Panel Description

NCL L4 P31, In Progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dark grey w/ brown
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Sample:
EMRS22_MC_PR_SP_S558_220712

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
Stockpile material P31/P32	0+630 to 0+661	231, 836
Spread remainder of SP	South Stockpile	421
Water Drainage Toe P31	0+661 to 0+693	836

Key-in Trench:

Location	CCL Contact Material	Comment
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By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.13 06:29:13 -05'00'

PHOTOGRAPHS

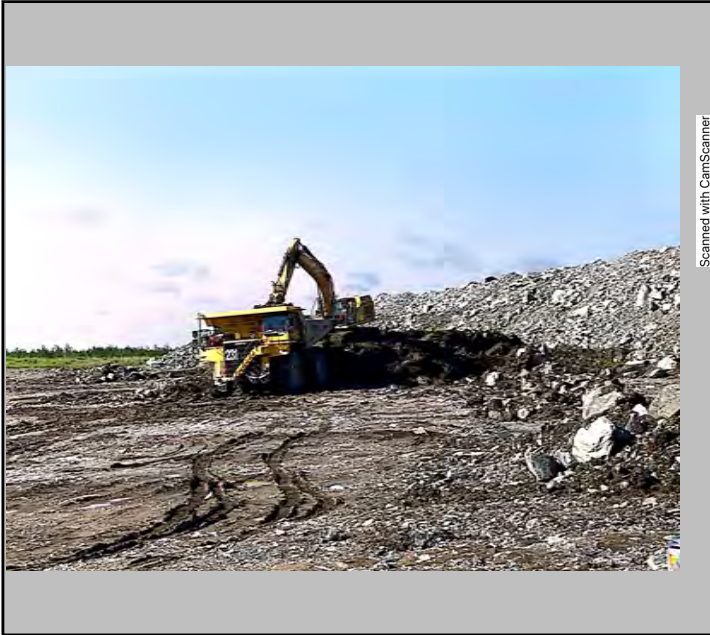


Photo #: 1

Excavator 836 loading Truck 231 at South Stockpile.



Photo #: 2

Truck 231 dumping clay material on crest of P31.



Photo #: 3

Panel 31, Morning. Standing water visible at toe.

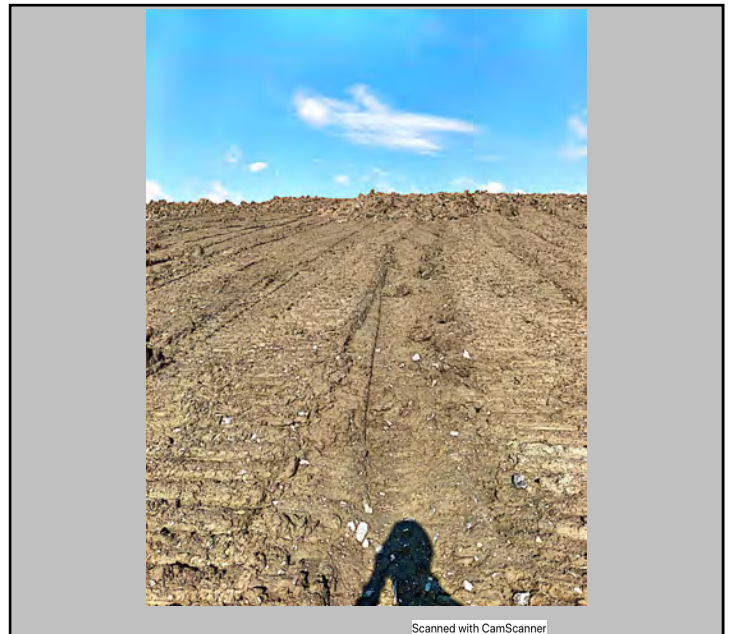


Photo #: 4

Panel 31, Morning.

PHOTOGRAPHS



Photo #: 5

Location of Sample S558



Photo #: 6

Excavator 836 creating drainage paths for standing water on P31.

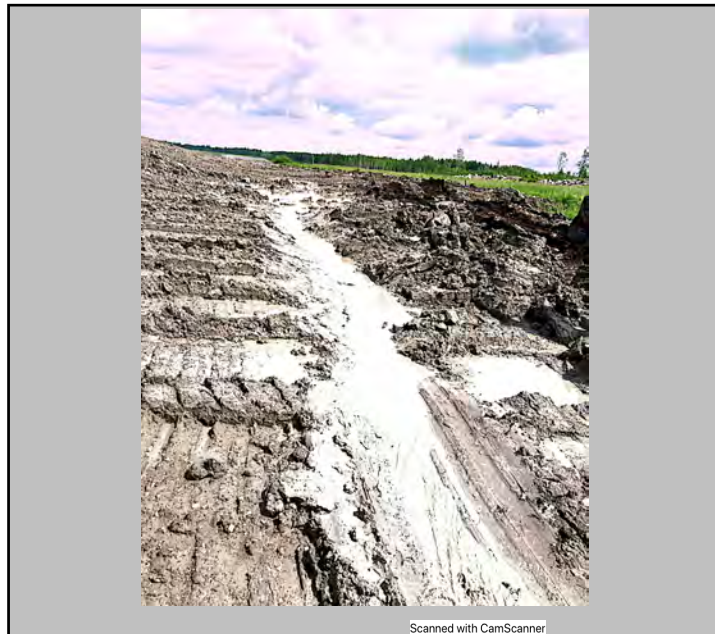


Photo #: 7

Water draining from P31.



Photo #: 8

Water draining from P31.

Date:	July 13, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

20

14

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

20

Humidity

40 to 60%

Wind

Low

Meeting Summaries

Discussed what equipment should be used to cut P31 back for the tie in to P32 with NG.

General Remarks

Excavator 836 was used to load Truck 232, 233, and 247 with clay material at the North Stockpile.

Truck 232, 233, 247 dumped the clay material on the crest of Panel 32.

Dozer 420 and 421 placed material on Panel 32 as CCL Lift 1.

Dozer 420 was use to cut back into Panel 31 for the tie in.

Excavator 836 was used to dig the key trench for Panel 32.

After filling the key trench with CCL material. Dozer 420 and 421 began pushing NCL Lift 4 on Panel 31 from the material stockpiled on the crest.

CP56B packer was used to compact the slope of CCL Lift 1 on Panel 32.

Description of CCL Material:

Dark Grey clay with some streak of lighter brown.

Panel Approval:

Panel Description

CCL P32 L1, Incomplete.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dry spots where replaced

Testing and Sampling Completed:

None

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL P32 L1	0+630 to 0+661	836, 420, 421, 232, 233, 247
NCL P31 L4	0+661 to 0+693	420, 421

**Key-in Trench:
Location**

CCL Contact Material

Comment

0+630 to 0+661	Bedrock/Suitable Clay	Depth 0.5m-2m
----------------	-----------------------	---------------

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.14 06:39:12 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading Trucks with clay material at the North Stock pile.



Photo #: 2

Truck 233 dumping material on the crest of P32



Photo #: 3

Dozer 420 and 421 placing CCL L1 on P32



Photo #: 4

Excavator 836 digging key trench for P32.

PHOTOGRAPHS



Photo #: 5

Excavator 836 digging key trench for P32.



Photo #: 6

Slope of P32 L1 compacted.



Photo #: 7

P31 L3/L4 some standing water in the morning



Photo #: 8

P31 mostly dried and workable in the afternoon.

Date:	July 14, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

22

13

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

22

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Discussed proctor to be used for compaction testing of CCL L1 with Okane Inspector.

General Remarks

Panel 30:

LB350 dug two pits for Okane to complete hydraulic conductivity testing.

Panel 31 NCL Lift 4 (In Progress):

Dozer 420 and 421 continued placing NCL Lift 4 and pushed top soil back from toe of the cover system.

Panel 32 CCL Lift 1 (Completed):

CQC, Tulloch, completed surveying for grade.

Compaction testing and sampling complete, lift approved.

Excavator 836 and Link-belt 350X3 made test pads and removed oversized rocks.

Panel 32 CCL Lift 2 (In Progress):

Excavator 836 loaded trucks 232 and 233 at North Stockpile.

Trucks 232 and 233 hauled clay material from North Stockpile to the crest of P32.

Description of CCL Material:

Dark gray/brown

Panel Approval:

Panel Description CCL L1 P32. Lift Complete.
CCL L2 P32. Lift in Progress.
NCL L4 P31. Lift in Progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Moist and Pliable
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.25m-0.35m
Water Content within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dry spots replaced

Testing and Sampling Completed:

Testing:
 EMRS_P32_L1_501
 EMRS_P32_L1_502
 EMRS_P32_L1_503
 EMRS_P32_L1_504
 EMRS_P32_L1_505
 EMRS_P32_L1_506
 Sampling:
 EMRS22_MC_P32_L1_S559_220714
 EMRS22_MC_P32_L1_S560_220714
 EMRS22_MC_P32_L1_S561_220714
 EMRS22_MC_P32_L1_S562_220714
 EMRS22_MC_HY_AT_P32_L1_S563_220714

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL L2 P32	0+630 to 0+661	836, LB350, 232, 233
NCL L4 P31	0+661 to 0+693	420, 421

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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 DN: cn=Keith Naumann,
 o=Tulloch, ou,
 email=keith.naumann@tulloch.ca,
 c=CA
 Date: 2022.07.15 06:53:45 -05'00'

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 1

Dozer 420 placing NCL L4 on P31.



Scanned with CamScanner

Photo #: 2

Dozer 420 placing NCL L4 P31 toe.



Scanned with CamScanner

Photo #: 3

Excavator 836 loading truck 232 and 233 at North Stockpile



Scanned with CamScanner

Photo #: 4

Trucks dumping Clay material on the crest of P32.

PHOTOGRAPHS



Photo #: 5

Dozer 421 placing CCL L2 P32.



Photo #: 6

Link-belt 350X3 used for some test pads, rock removal and digging pits for boar hole testing.



Photo #: 7

Excavated hydraulic conductivity testing location.



Photo #: 8

Date:	July 15, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

22

16

Humidity

80 to 100%

Wind

Still

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

30

22

Humidity

40 to 60%

Wind

Low

Meeting Summaries

Discussed the availability of trucks to haul clay material from North Stockpile to the crest of P32 for NCL L3 with NG.

General Remarks

P31 Lift 4 (In Progress)

P32 Lift 2 (Complete):

Dozer 420 finalized the placement of CCL material.

CQC, Tulloch, surveyed the lift for grade.

Cat CP56B was used to compact the lift.

LB350 was used to make test pads for compaction testing and sampling as well as removing oversized rocks.

P32 Lift 3 (In Progress):

Dozer 421 placed clay material as NCL Lift 3.

Trucks 232 and 233 dumped clay material on the crest.

North Stockpile:

Excavator 836 flat topped the stockpile to reduce water pooling.

Excavator 836 loaded Truck 232 and 233 with clay material.

Description of CCL Material:

Dark Grey/brown with some lighter brown streaks.

Panel Approval:

Panel Description

CCL P32 L2. Complete.
NCL P32 L3. In Progress.
CCL P31 L4. In Progress.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Minimal stone
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.25m-0.3m
Water Content within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Oversized rocks removed

Testing and Sampling Completed:

Testing:

EMRS_P32_L2_D507-D513

Sampling:

EMRS22_MC_P31_L4_S564

EMRS22_MC_P32_L2_S565-S569

See EMRS Tracking Summary(2022) and Density Report for details.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL P32 L2	0+630 to 0+661	420, CP56B, LB350
CCL P32 L3	0+630 to 0+661	421, 232, 233

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.16 07:50:10 -05'00'

PHOTOGRAPHS



Photo #: 1

Dozer 420 finalizing placement of CCL P32 L2.



Photo #: 2

Cat CP56B compacting CCL P32 L2.

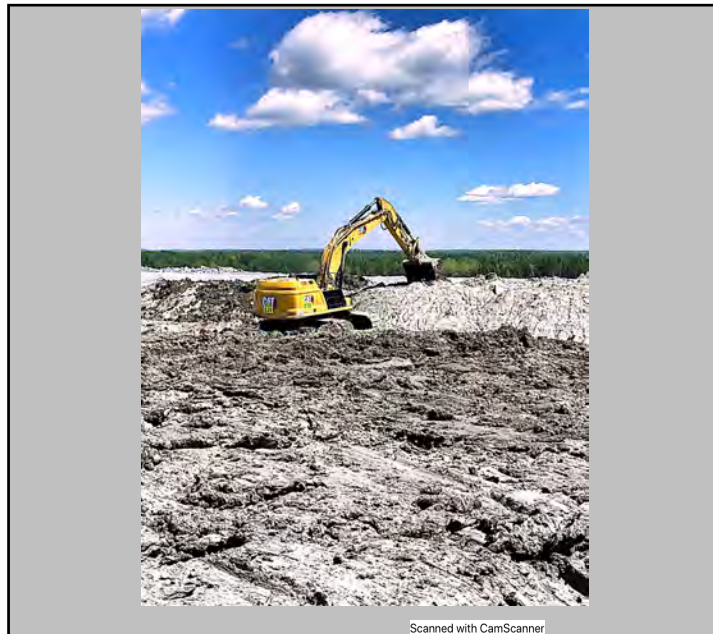


Photo #: 3

Excavator 836 reworked North Stockpile to improve drainage.

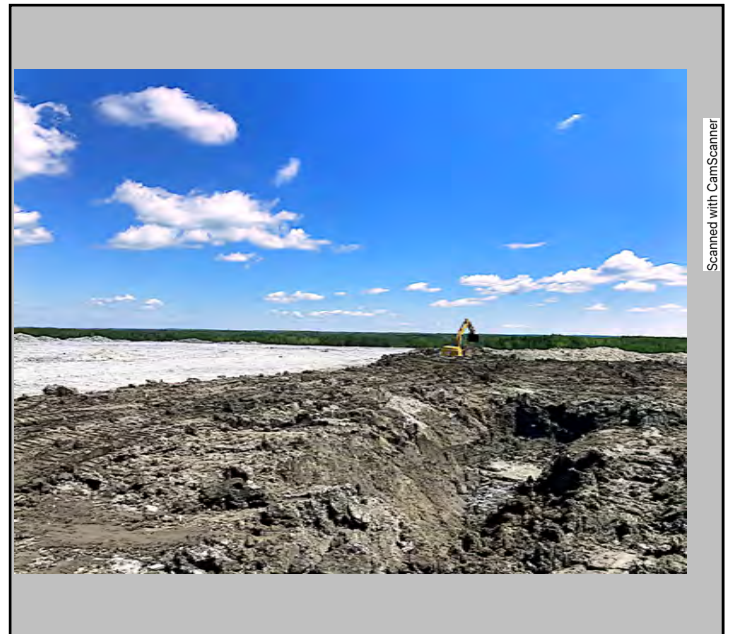


Photo #: 4

North Stockpile after rework.

PHOTOGRAPHS



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Photo #: 5

Truck 232/233 dumping clay material on the crest of P32.

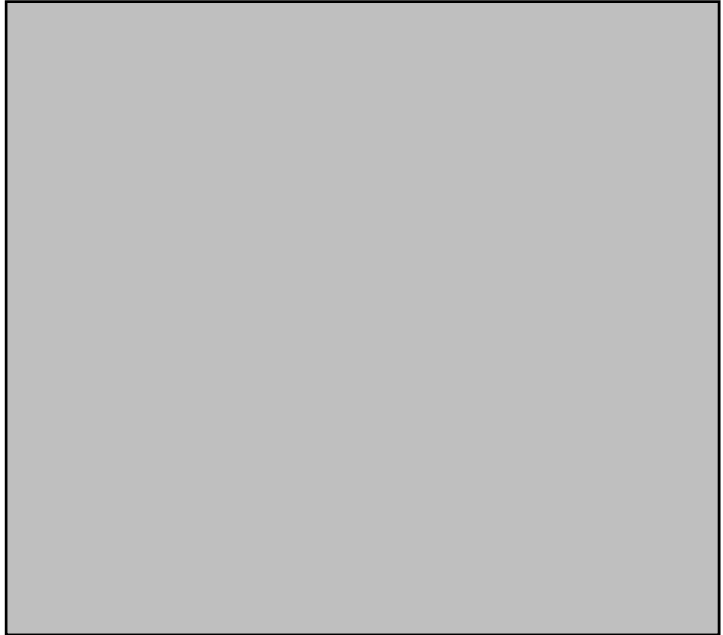


Photo #: 6

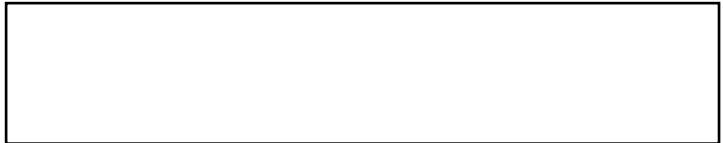


Photo #: 7



Photo #: 8



Date:	July 16, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

25

18

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Rain

Precipitation

5 - 10 mm

Temperature
(High/Low)

25

20

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Discussed, with NG, that the material coming from the North Stockpile was wet and the dozers where having difficulty getting back up the slope. The decision was made to switch to Central Stockpile in pursuit of more workable clay material.

General Remarks

Panel 31 Lift 4(In Progress)

Panel 32 Lift 3 (In Progress):

Trucks 232 and 233 hauled clay material from the North Stockpile, then from the Central Stockpile to the crest of the panel.

Dozer 420 and 421 place NCL L3.

Panel 33 Lift 1 (In Progress):

Trucks 232 and 233 hauled clay material from the Central Stockpile.

Dozer 420 placed clay material as CCL L1.

North Stockpile:

Excavator 836 loaded Truck 232 and 233.

Central Stockpile:

Excavator 836 loaded Truck 232 and 233.

Description of CCL Material:

Dark Grey with streaks of light brown.

Panel Approval:

Panel Description CCL P33 L1 (In Progress):

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	minimal stone
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dark grey w/ light brown
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Sampling:

EMRS22_PR_MC_SP_S570_220716

See EMRS Tracking Summary (2022) for details.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL P32 L3	0+630 to 0+661	232, 233, 420, 421, 836
CCL P33 L1	0+600 to 0+630	232, 233, 420, 836

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.17 06:40:10 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading Truck 233 at North Stockpile.



Photo #: 2

Truck 232 dumping clay material on the crest of P32.

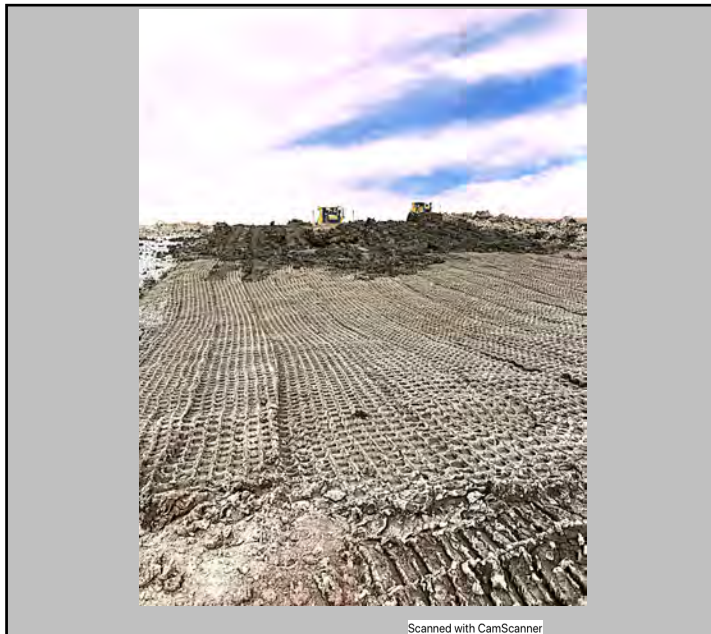


Photo #: 3

Dozer 420 and 421 Placing NCL L3 on P32.



Photo #: 4

NCL L3 P32 full coverage finishing work still required.

PHOTOGRAPHS



Scanned with CamScanner

Photo #: 5

Standing water on the toe of NCL L3 P32 after rain.



Scanned with CamScanner

Photo #: 6

P33 CCL L1.



Photo #: 7



Photo #: 8

Date:	July 17, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

28

18

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

31

28

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Discussed with NG that the clay had dried enough to be workable.

General Remarks

Panel 31 NCL L4 (In Progress):

Panel 32 NCL L3 (In Progress):

Standing water at toe and some throughout panel in the morning. The slope had dried significantly by the afternoon.

Dozer 421 finalized placement and began finalizing the grade.

Panel 33 L1 (In Progress):

Some standing water throughout the panel was present in the morning but dried by the afternoon.

Dozer 420 placed CCL L1.

Trucks 232 and 233 hauled material from Central Stockpile and dumped on the crest.

Central Stockpile:

Excavator 836 loaded Trucks 232 and 233 with clay material.

Description of CCL Material:

Dark Grey with some Light brown Streaks.

Panel Approval:

Panel Description CCL P33 L1. (In Progress)

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Minimal stone
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

None.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
CCL L1 P33	0+600 to 0+630	836, 232, 233, 420
NCL L3 P32	0+630 to 0+661	421

**Key-in Trench:
Location**

CCL Contact Material

Comment

0+600 to 0+630	Bedrock	1.0m-2.5m depth
----------------	---------	-----------------

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.18 06:44:51 -05'00'

PHOTOGRAPHS



Photo #: 1

P32 NCL L3, Morning.



Photo #: 2

P32 NCL L3, Early Afternoon.



Photo #: 3

P33 CCL L1, Morning.



Photo #: 4

P33 CCL L1, Early Afternoon.

Duplicate Page

PHOTOGRAPHS



Photo #: 5

LB 350 beginning to dig key trench for P33.



Photo #: 6

LB 350 digging key trench for P33.

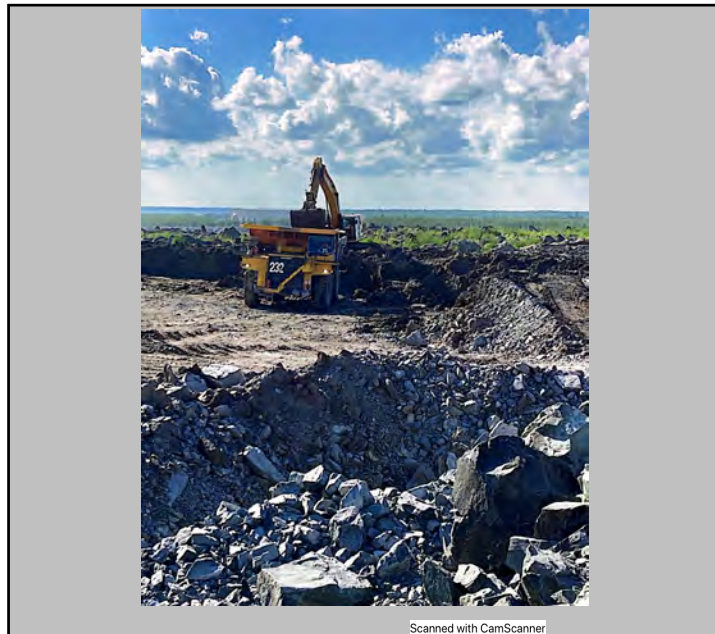


Photo #: 7

Excavator 836 loading Truck 232 at Central Stockpile.

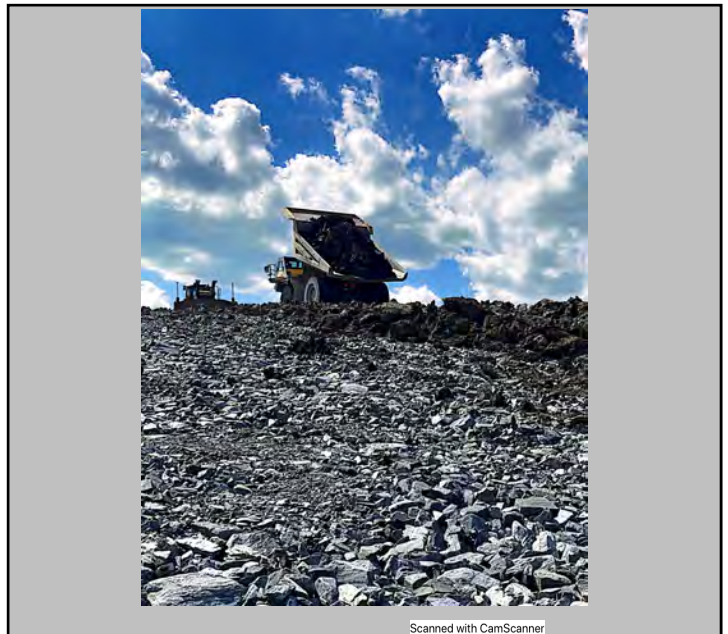


Photo #: 8

Truck dumping clay material on the crest of P33.

Duplicate Page

PHOTOGRAPHS



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Photo #: 9

Dozer 420 placing CCL L1 P33



Scanned with CamScanner

Photo #: 10

Dozer 421 finalizing grade on NCL L3 P32.



Scanned with CamScanner

Photo #: 11

Hydraulic conductivity testing on P30 conducted by Okane.



Photo #: 12

Date:	July 18, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Keith N./Martin M.	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Rain	Precipitation	5 - 10 mm
Temperature (High/Low)	23	19	Humidity	80 to 100%
			Wind	Low
<u>Afternoon Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	31	23	Humidity	60 to 80%
			Wind	Still

Meeting Summaries

NG advised no operations in the EMRS today to due overnight rain and forecasted rain.

General Remarks

No Activity today due to rain overnight and in the morning.

Tulloch on site for pictures.

Description of CCL Material:

NO CCL material placed today.

Panel Approval:

Panel Description No approvals today.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

No Testing and Sampling today.

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.07.19 06:40:04
-05'00'

PHOTOGRAPHS



Photo #: 1

Panel 31 NCL Lift 4.



Photo #: 2

Panel 31 NCL Lift 4.

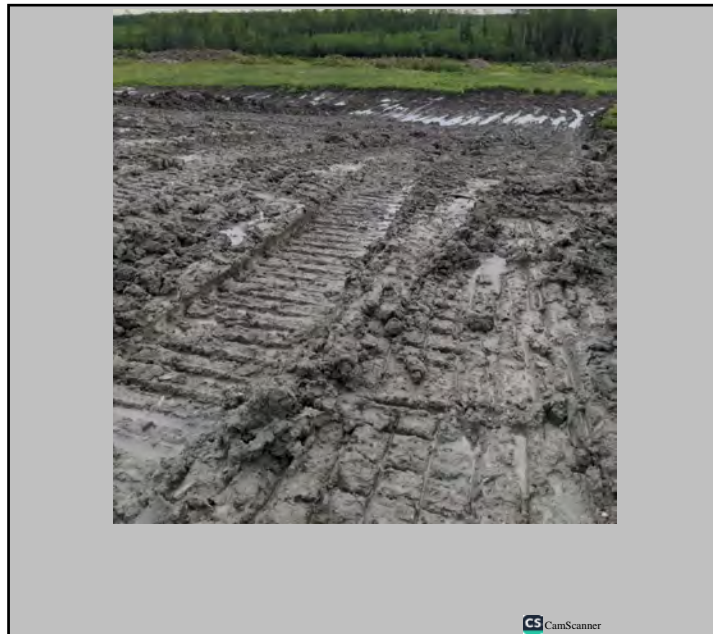


Photo #: 3

Panel 32 NCL Lift 3.

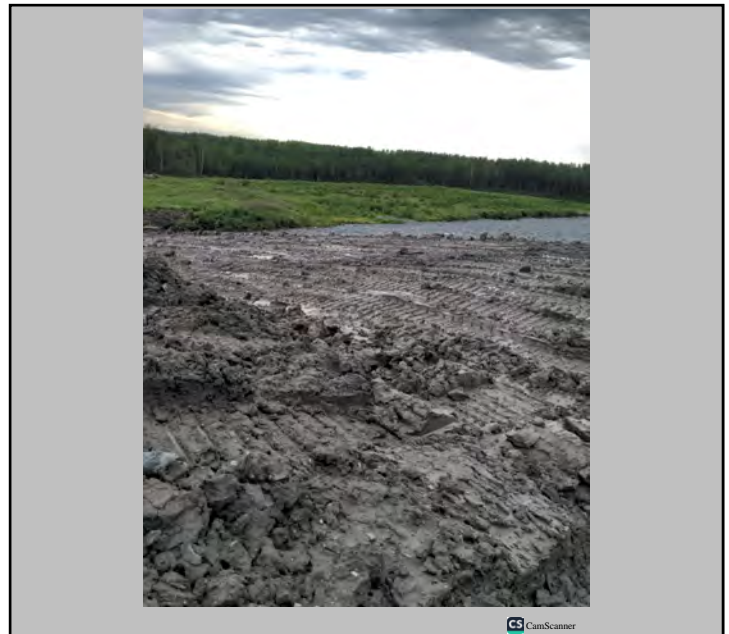


Photo #: 4

Panel 33 CCL Lift 1.

Duplicate Page

PHOTOGRAPHS



Photo #: 5

Panel 33 Key Trench.



Photo #: 6

Water pooling at the toe of the the panels.



Photo #:



Photo #:

Date:	July 19, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

26

20

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Rain

Precipitation

10 - 20 mm

Temperature
(High/Low)

30

26

Humidity

80 to 100%

Wind

Moderate

Meeting Summaries

NG advised no operations in the EMRS today to due overnight rain and forecasted rain.

General Remarks

No activity today due to rain overnight and in the forecast. Thunderstorms in the afternoon occurred.

Tulloch on site for pictures.

Description of CCL Material:

No CCL material placed today.

Panel Approval:

Panel Description: No approvals today.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

No testing and sampling today.

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
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email=martin.moore@tulloch.ca,
c=CA
Date: 2022.07.20 05:53:48
-05'00'

PHOTOGRAPHS



Photo #: 1

Water pooling at the toe of the panels.



Photo #: 2

Panel 31 Lift 4 in progress.

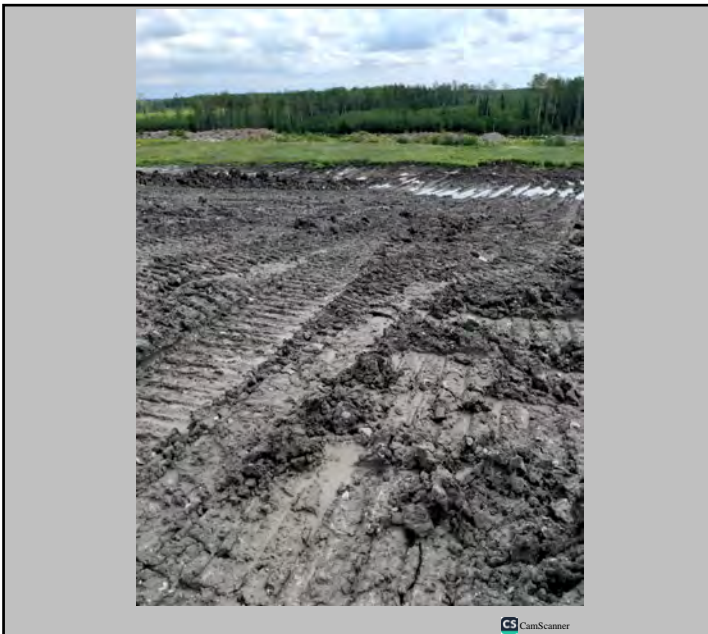


Photo #: 3

Panel 32 Lift 3 in progress.

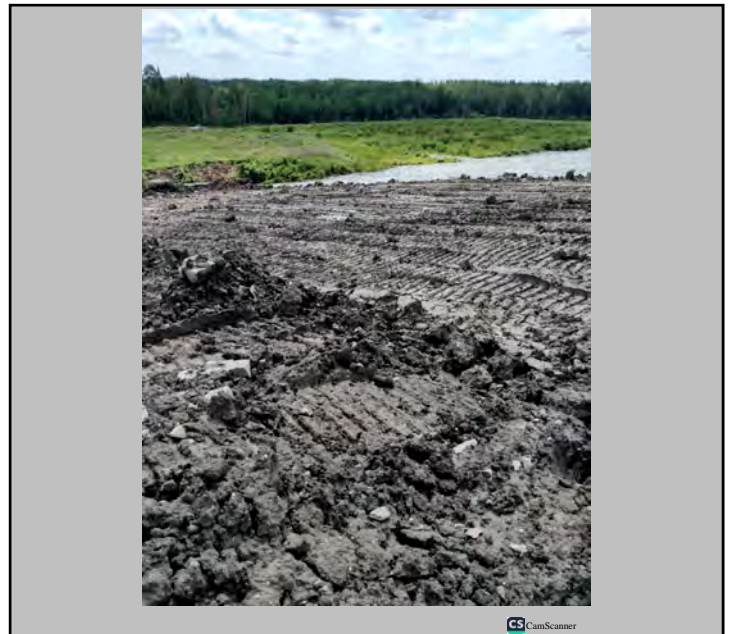


Photo #: 4

Panel 33 Lift 1 in progress.

Date:	July 20th, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation 0 mm

Temperature
(High/Low)

24

18

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Clear

Precipitation 0 mm

Temperature
(High/Low)

27

24

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

NG advised no operations in the EMRS today due to heavy thunderstorms yesterday afternoon.

General Remarks

Tulloch spoke with NG Coordinator to have an operator use an excavator at the EMRS to create positive drainage at the toe to allow the pooled water flow away from the toe of Panel 31 and 32. This was completed in the afternoon. The panels appear to have dried enough to continue operations tomorrow.

NG excavated two new bore holes on Panel 30 for Okane, and created positive drainage in Okane's two existing bore holes.

Description of CCL Material:

No CCL material placed today.

Panel Approval:

Panel Description

No panel approvals today.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

No testing or sampling today.

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.07.21 07:34:25
-05'00'

PHOTOGRAPHS



Photo #: 1

Panel 33 CCL Lift 1



Photo #: 2

Water pooling at toe of Panel 32 NCL Lift 3.

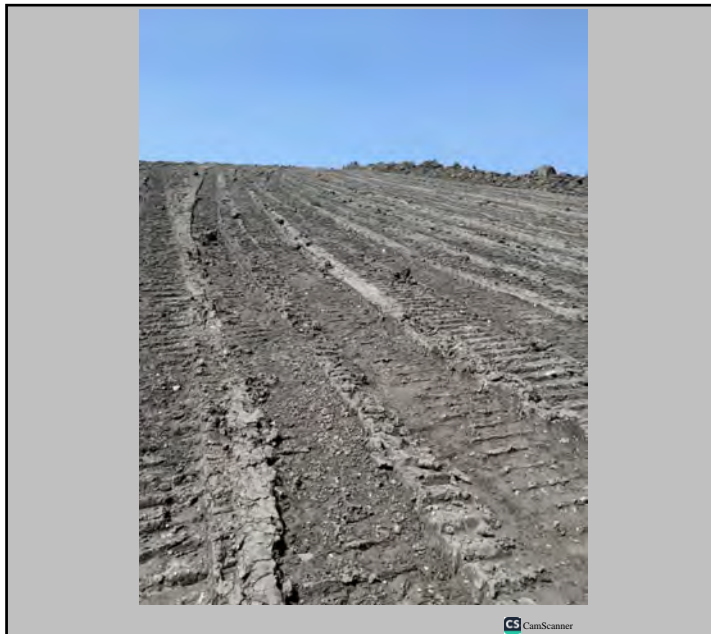


Photo #: 3

Panel 32 NCL Lift 3.



Photo #: 4

Panel 31 NCL Lift 4.

Duplicate Page

PHOTOGRAPHS



Photo #: 5

Creating positive drainage at the toe of Panel 32.



Photo #: 6

Water draining away from the toe of the panels.



Photo #:

Blank text box for description.



Photo #:

Blank text box for description.

Date:	July 21, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	24	18	Humidity	60 to 80%
			Wind	Moderate
<u>Afternoon Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	28	24	Humidity	20 to 40%
			Wind	High

Meeting Summaries

Tulloch and Okane discussed the excessive water pooling at the toe of Panels 30 to 32. Tulloch laid out the key trench for the operators to ensure positive drainage beyond the location of the key trench.

General Remarks

Excavator 836 loading trucks from the central stockpile. Trucks hauling material for Panel 31, 32 and 33. Stockpiled material very wet and difficult for dozer to place. 836 began loading from a different location in the central stockpile to load dryer material.

Panel 31 NCL Lift 4: Dozer completed placement and grading of Panel 31 NCL Lift 4. Tulloch completed the survey.

Panel 32 NCL Lift 3: Dozer continued placement and grading of Panel 32 NCL Lift 3. Tulloch took grade shots ensuring proper lift thickness.

Panel 33 CCL Lift 1: Dozer track packing and disturbing the lift due to visually high moisture in the material in order to speed up the drying process.

Description of CCL Material:

Panel 33 CCL Lift 1 visually saturated. Appears to be a mixture of dark brown and grey.

Panel Approval:

Panel Description

Panel 31 NCL Lift 4 0+693 to 0+661

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Brown/Dark brown material
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Sampling:
Panel 32 NCL Lift 3: EMRS22-P32-L3-S571.

See EMRS tracking summary for further information.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
Panel 31 NCL Lift 4	0+693-0+661	420/421
Panel 32 NCL Lift 3	0+661-0+630	420/421
Hauling Material	Central Stockpile to Panels	836, 232 and 247

Key-in Trench:
Location

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

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email=martin.moore@tulloch.ca,
c=CA
Date: 2022.07.22 06:53:36
-05'00'

PHOTOGRAPHS



Photo #: 1

EX 836 loading trucks from the central stockpile.



Photo #: 2

Panel 31 NCL Lift 4 placement.



Photo #: 3

EMRS22-P32-L3-S571.

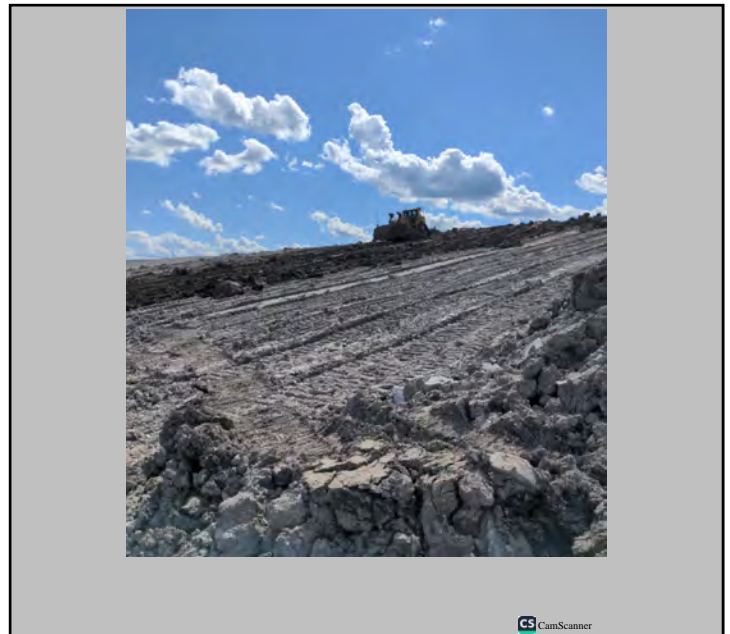


Photo #: 4

Panel 32 NCL Lift 3 placement.

PHOTOGRAPHS



Photo #: 5

Panel 32 NCL Lift 3 placement.



Photo #:



Photo #:



Photo #:

Duplicate Page

Date:	July 22, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 6

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	22	18	Humidity	60 to 80%
			Wind	Moderate
<u>Afternoon Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	26	22	Humidity	40 to 60%
			Wind	High

Meeting Summaries

Tulloch informed NG supervisor when testing was complete to send over a truck and a operator to continue hauling material for Panel 33 CCL Lift 2.

General Remarks

Panel 33 CCL Lift 1 and 2:
Dozer 420 completed placing and grading CCL Lift 1. Packer CP56B used to complete packing entirety of Lift 1. EX LB350 removed oversize boulders from the lift prior to packing and created test pads for Tulloch to complete testing and sampling. Tulloch completed the survey of CCL Lift 1.
Dozer 420 initiated placement of CCL Lift 2. Due to high winds and temperature 420 placed a thin lift to cover lift 1.

Central Stockpile:
EX 836 loading truck 233 with clay material from the central stockpile for Panel 33 CCL Lift 2.

EX LB350 used to aid Okane in removing testing equipment in a bore hole that had been buried due to heavy rainfall earlier in the week that caused runoff into the bore hole.

Description of CCL Material:

CCL material appears dark brown with some spots of grey and light brown. Material appears to contain minimal oversize and smaller rocks.

8 oversize rocks removed from Panel 33 CCL Lift 1.

Panel Approval:

Panel Description

Panel 33 CCL Lift 1 0+630 to 0+600

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

Panel 33 CCL Lift 1:

Testing: EMRS22-P33-L1-D514-D518

Sampling: EMRS22-P33-L1-S572-S576

See EMRS Tracking Summary and Field Density Report for further information.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
Panel 33 CCL Lift 1 & 2	0+630 to 0+600	420,421, LB 350, CP45B
Hauling Material	Central Stockpile to Panels	836 and 233

**Key-in Trench:
Location**

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

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DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.07.23 07:13:23
-05'00'

PHOTOGRAPHS



Photo #: 1

CP56B compacting Panel 33 Lift 1.



Photo #: 2

EMRS22-P33-L1-S572.



Photo #: 3

EMRS22-P33-L1-S573.



Photo #: 4

EMRS22-P33-L1-S574.

PHOTOGRAPHS



Photo #: 5

EMRS22-P33-L1-S575.



Photo #: 6

EMRS22-P33-L1-S576.



Photo #: 7

Panel 33 CCL Lift 1 complete.

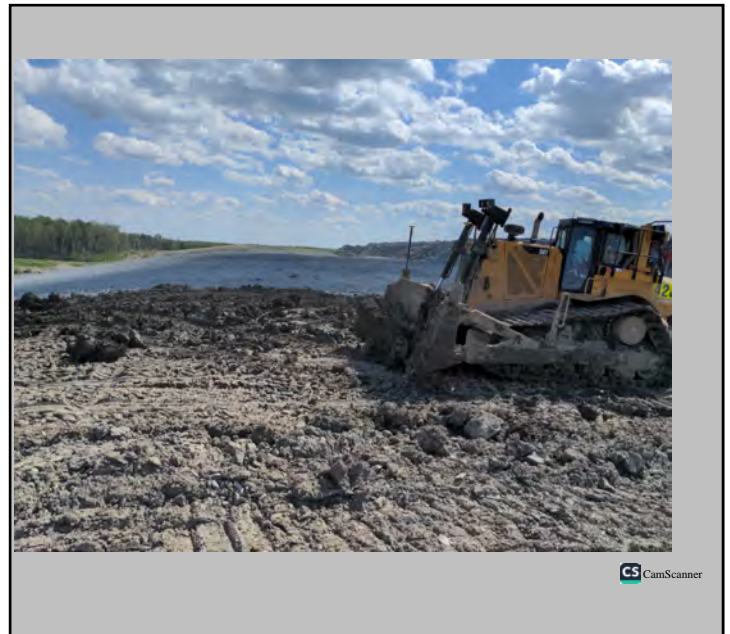


Photo #: 8

420 placing Panel 33 CCL Lift 2.

PHOTOGRAPHS



Photo #: 9

836 loading 233 from the Central Stockpile.

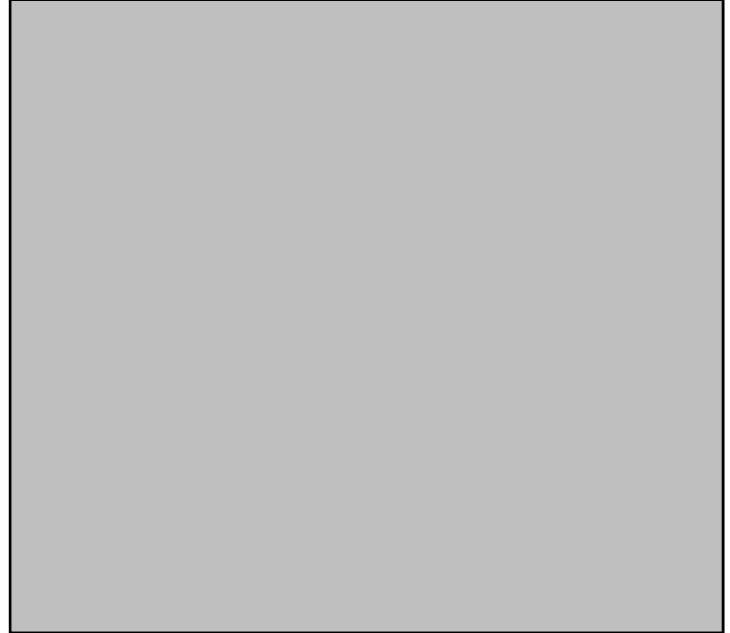


Photo #:

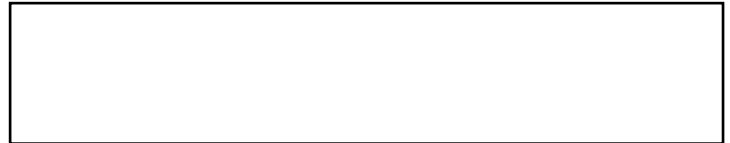


Photo #:



Photo #:



Date:	July 23, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions Weather Precipitation

Temperature (High/Low) Humidity Wind

Afternoon Conditions Weather Precipitation

Temperature (High/Low) Humidity Wind

Meeting Summaries

Discussed operations today with New Gold regarding thunderstorms in the forecast. EMRS shutdown after steady rainfall began at 11:00am.

General Remarks

Panel 33 CCL Lift 2:
Excavator loading trucks with clay material from the North stockpile. Dozers continued placing CCL Lift 2 to grade. Material visually wet and difficult to place. Dozers switched to Panel 32 NCL Lift 3 in order to let material dry for Panel 33. Trucks continuing to stockpile clay material at Panel 33 to allow further drying.

Description of CCL Material:

CCL material appears dark brown with spots of grey and appears to contain minimal oversize and small rocks. Material hauled from the north stockpile.

Panel Approval:

Panel Description

No approvals today.

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wet, difficult to place.
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

No testing and sampling today.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
Panel 32 NCL Lift 3	0+660 to 0+630	420 and 421
Panel 33 CCL Lift 2	0+630 to 0+600	420 and 421
Hauling material	North Stockpile to panels	836, 244, 245, 247

Key-in Trench:


Location	CCL Contact Material	Comment
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By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.07.24 06:42:43
-05'00'

PHOTOGRAPHS



Photo #: 1

Panel 33 CCL Lift 2. Material from North Stockpile visually wet and difficult to place.

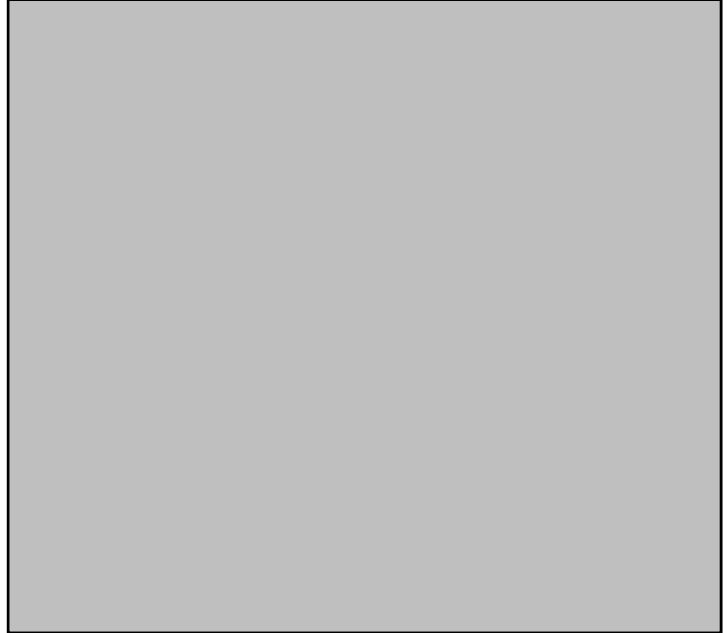


Photo #:



Photo #:



Photo #:

Date:	July 24, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

17

14

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

18

17

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

NG informed no operations today due rainfall yesterday and overnight.

General Remarks

Panel 32 and 33 toe of slope:

Excavator used to create positive drainage outside of the key trench to allow water to drain and the material to dry prior to placing the next lifts.

Description of CCL Material:

No CCL material placed today.

Panel Approval:

Panel Description No panel approvals today,

	Yes	No	Comment
Material Inspection Suitable for Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Material wet, standing water.
Visual Inspection	<input type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

No testing and sampling today.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
Panel toe drainage	0+660 to 0+600	LB350

**Key-in Trench:
Location**

CCL Contact Material


Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.07.25 07:11:20
-05'00'

PHOTOGRAPHS



Photo #: 1

Panel 32 NCL Lift 3.



Photo #: 2

Panel 32 toe pooled water.



Photo #: 3

Panel 33 CCL Lift 2.



Photo #: 4

Panel 33 stockpiled material.

Date:	July 25, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Martin Moore	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

20

13

Humidity

60 to 80%

Wind

Still

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

24

20

Humidity

40 to 60%

Wind

Low

Meeting Summaries

Tulloch spoke with NG to begin placing material on the crest to further drying of the material. NG informed operations are shut down due to workability and condition of the clay being too wet.

General Remarks

Panel 32 NCL Lift 3 and 4:

Dozers completed grading NCL Lift 3. Tulloch completed survey and dozers initiated Lift 4 placement. Tulloch completed placement survey and additional survey points for quantities.

Panel 33 CCL Lift 2:

Dozers continued placement of Lift 2. Tulloch completed placement survey and additional survey points for quantities.

Excavator loading two haul trucks with material from the north stockpile. Trucks hauling material to Panel 32 and 33 and placing material on the crest for Panel 34.

Material visually wet and workability difficult for dozers. Frost and snow found when excavating the North Stockpile.

Description of CCL Material:

CCL material appear dark brown containing minimal oversize and small rocks. Material visually wet.

Panel Approval:

Panel Description

Panel 32 NCL Lift 3 0+660 to 0+630

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	wet, workability difficult.
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Allow material to dry

Testing and Sampling Completed:

No testing and sampling today.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
Panel 32 NCL Lift 3 & 4	0+660 to 0+630	420 & 421
Panel 33 CCL Lift 2	0+630 to 0+600	420 & 421
Hauling material	North Stockpile to Panels	836, 235 and 247

Key-in Trench:


Location	CCL Contact Material	Comment
----------	----------------------	---------

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Martin
Moore**

 Digitally signed by Martin Moore
DN: cn=Martin Moore, o, ou,
email=martin.moore@tulloch.ca,
c=CA
Date: 2022.07.26 07:45:18
-05'00'

PHOTOGRAPHS



Photo #: 1

Panel 32 NCL Lift 3 complete.

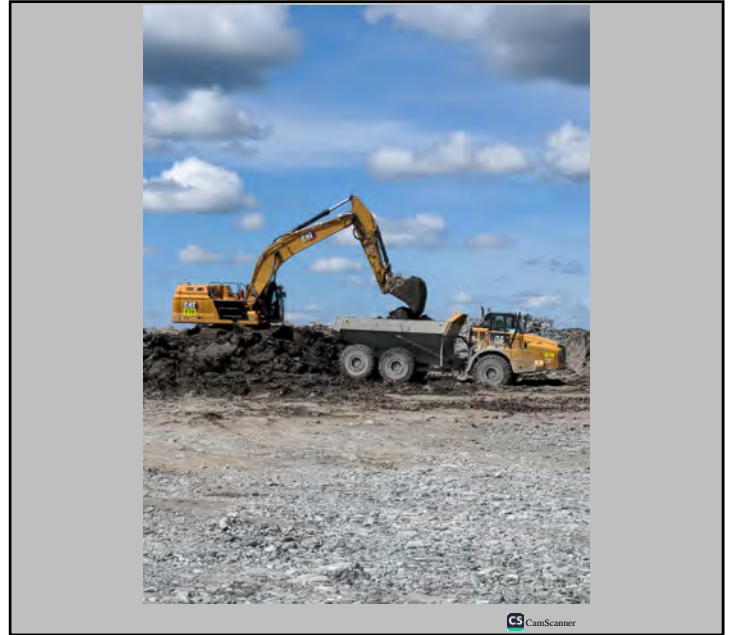


Photo #: 2

836 loading trucks from the northern stockpile.



Photo #: 3

Panel 32 L4 placement.

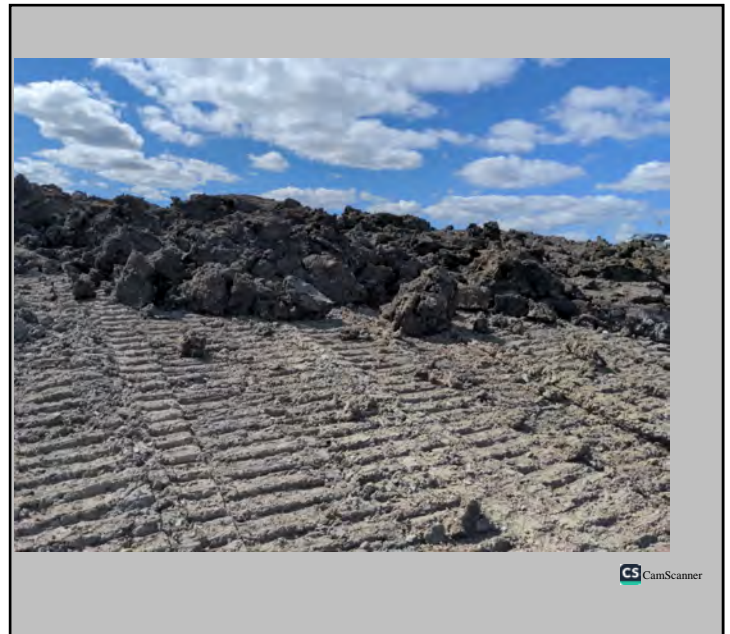


Photo #: 4

Panel 32 L4 placement.

PHOTOGRAPHS



Photo #: 5

Panel 33 CCL Lift 2 placement.



Photo #: 6

Stockpiling material at the crest for Panel 34.



Photo #:



Photo #:

Date:	July 26, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

22 16

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24 22

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Regularly scheduled EMRS Reclamation Weekly Update Meeting occurred.

General Remarks

No Activity Today.

Panel 32 NCL Lift 4 (In Progress):

Panel 33 CCL Lift 2 (In Progress):

Description of CCL Material:

Dark grey/brown clay

Panel Approval:

Panel Description

Panel 33 Lift 2 (In Progress):

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

N/A

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.27 06:31:58 -05'00'

PHOTOGRAPHS



Photo #: 1

NCL L4 P32 In Progress.



Photo #: 2

CCL L2 P33 In Progress.



Photo #: 3

Stockpiled material for P34.

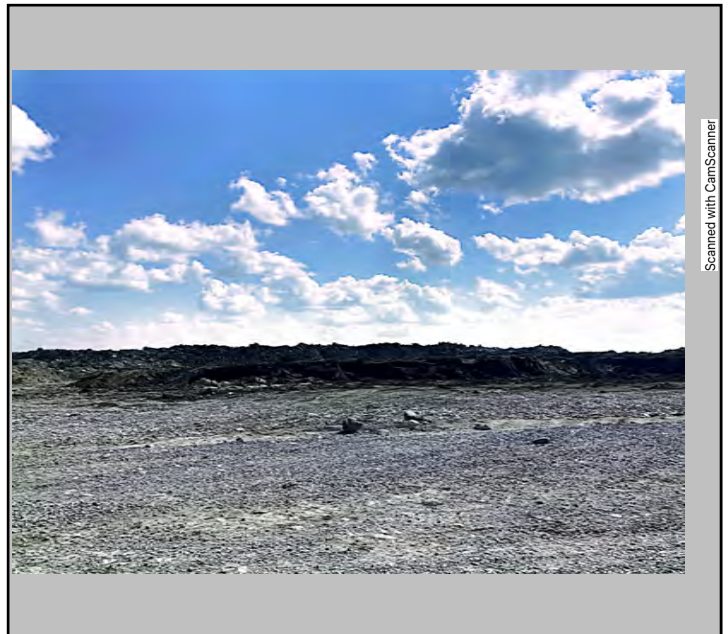


Photo #: 4

North Stockpile.

Date:	July 27, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 4

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

20

13

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Showers

Precipitation

0 - 5 mm

Temperature
(High/Low)

21

16

Humidity

60 to 80%

Wind

Moderate

Meeting Summaries

Discussed with NG, how many days it would potentially take to complete the two open panels.

General Remarks

No Activity Today.

Informed NG near mid day that the panels where visually dry enough to be worked. Rain beginning mid afternoon did not allow any work to be completed.

Panel 32 NCL L4 (In Progress):

Panel 33 CCL L2 (In Progress):

Description of CCL Material:

Dark grey/brown clay

Panel Approval:

Panel Description P33 CCL L2 (In Progress):

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	minimal stone
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

N/A

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

Keith

Naumann

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email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.28 06:48:07 -05'00'

PHOTOGRAPHS



Photo #: 1

P32 NCL L4.



Photo #: 2

P33 CCL L2.



Photo #: 3



Photo #: 4

Date:	July 28, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Showers

Precipitation

0 mm

Temperature
(High/Low)

16

12

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

20

16

Humidity

60 to 80%

Wind

Moderate

Meeting Summaries

Discussed work starting back up again tomorrow, with NG. Use of material from Central Stockpile was recommended, as it has been more workable than the North Stockpile material.

General Remarks

No activity today.

Panel 32 NCL Lift 4 (In Progress):

Some standing water present throughout the panel in the morning.

Standing water has evaporated and panel had mostly dried by late afternoon.

Panel 33 CCL Lift 2 (In Progress):

Some standing water present throughout the panel in the morning.

Standing water has evaporated and panel had mostly dried by late afternoon.

Description of CCL Material:

Dark grey/brown clay

Panel Approval:

Panel Description P33 CCL L2 (In Progress)

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Minimal stone
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input type="checkbox"/>	

Testing and Sampling Completed:

N/A

Work Location and Task:

Task Description

Location of Work

Equipment & Personnel Used

Key-in Trench:

Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.29 06:36:41 -05'00'

PHOTOGRAPHS



Photo #: 1

P32 NCL L4 (In Progress), morning.



Photo #: 2

P32 NCL L4 (In Progress), Afternoon.

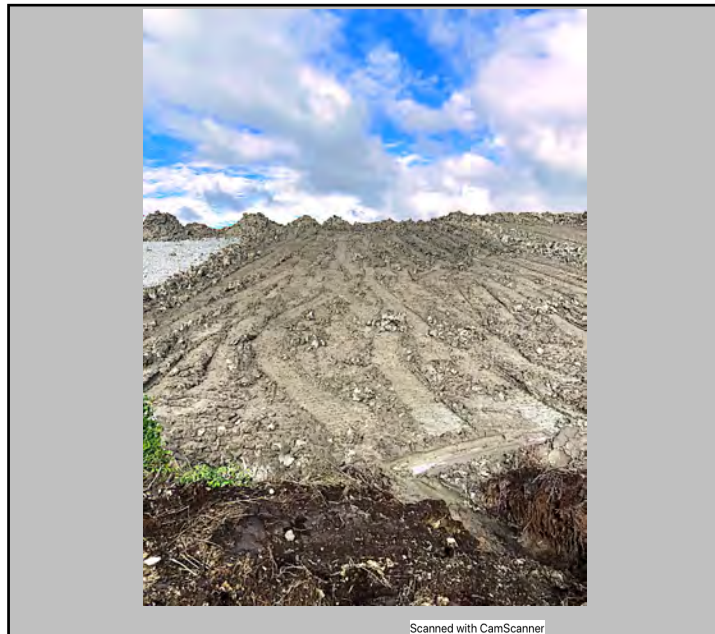


Photo #: 3

P33 CCL L2 (In Progress), morning.

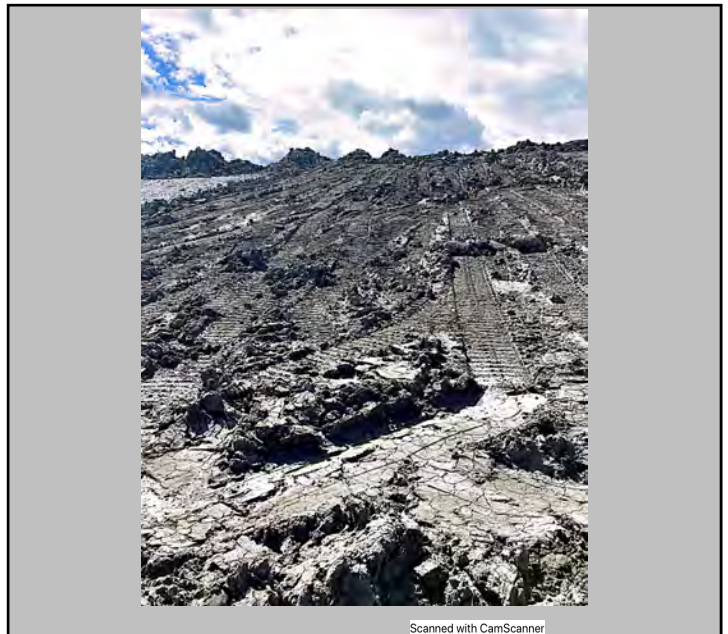


Photo #: 4

P33 CCL L2 (In Progress), Afternoon.

Duplicate Page

Date:	July 29, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

20

12

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

24

20

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

General Remarks

Panel 32 NCL L4 (In Progress):
Truck 232 and 233 dumped clay material on the crest of the panel.
Dozer 420 and 421 place clay material as NCL L4.

Panel 33 CCL L2 (Complete):
Truck 232 and 233 dumped clay material on the crest of the panel.
Dozer 420 and 421 place clay material as CCL L2.
CQC, Tulloch, Surveyed for Grade
Cat CP56B compacted L2.
LB350 was used to create test pad for compaction testing and sampling.

North Stockpile:
Excavator 836 loaded Truck 232 and 233 with clay material once.

Central Stockpile:
Excavator 836 loaded Truck 232 and 233 with clay material.

Description of CCL Material:

Dark grey/brown clay with some light brown streaks.

Panel Approval:

Panel Description

P33 CCL L2 (Complete).

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Minimal stone
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.25m-0.35m
Water Content within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Testing:

EMRS_P33_L2_D519-D526

Sampling:

EMRS22_MC_P33_L2_S577-S582_220729

See EMRS Tracking Summary (2022) and Density Report (EMRS22_DE_P33_L2_D519-D526_220729) for details.

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
P33 CCL L2	0+600 to 0+630	420, 421, 836, LB250, 232, 233
P32 NCL L4	0+630 to 0+661	420, 421, 836, 232, 233

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.30 08:17:49 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading Truck at Central Stockpile.



Photo #: 2

Truck dumping clay material on the crest of P32.



Photo #: 3

Dozer 420 and 421 placing CCL L2 P33.



Photo #: 4

P33 CCL L2 up to grade.

PHOTOGRAPHS



Photo #: 5

P33 CCL L2 compacted by Cat CP56B packer.



Photo #: 6

Excavator LB350 made test pads on P33.



Photo #: 7

Dozer 420 and 421 placing NCL L4 P32



Photo #: 8

P32 NCL L4 end of day placement.

Date:	July 30, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

25

14

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Clear

Precipitation

0 mm

Temperature
(High/Low)

31

25

Humidity

20 to 40%

Wind

Moderate

Meeting Summaries

Discussed possible solutions for drainage off the toe of Panel 30 with NG. A Strategy for completing the desired lifts for the day was also discussed.

General Remarks

Central Stockpile:

Excavator 836 loaded Truck 231, 232, 233 with clay material.

Panel 32 NCL L4 (Complete):

Trucks 231, 232, 233 dumped clay material on the crest of the panel.

Dozer 420 and 421 placed the clay material as NCL L4.

CQC, Tulloch, surveyed the lift for grade and took a sample.

Panel 33 NCL L3 (Complete):

Trucks 231, 232, 233 dumped clay material on the crest of the panel.

Dozer 420 and 421 placed the clay material as NCL L3.

CQC, Tulloch, surveyed the lift for grade and took a sample.

Panel 33 NCL L4 (In Progress)

Trucks 232 and 233 dumped clay material on the crest of the panel.

Dozer 420 and 421 placed the clay material as NCL L4.

Description of CCL Material:

Panel Approval:

Panel Description	NCL L4 P32 (Complete) NCL L3 P33 (Complete)
-------------------	--

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Sampling:
EMRS22_MC_P32_L4_S583_220730
EMRS22_MC_HY_P33_L3_S584_220730

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
P32 NCL L4	0+630 to 0+661	231, 232, 233, 420, 421, 836
P33 NCL L3	0+600 to 0+630	231, 232, 233, 420, 421, 836
P33 NCL L4	0+600 to 0+630	232, 233, 420, 421, 836

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.07.31 07:38:11 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading Truck 231 at Central Stockpile.

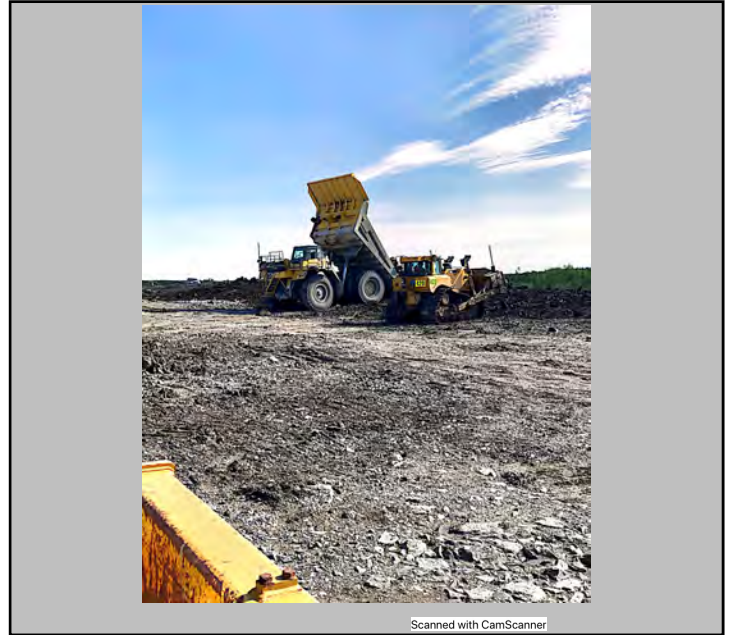


Photo #: 2

Truck 231 dumping clay material on the crest of P33.

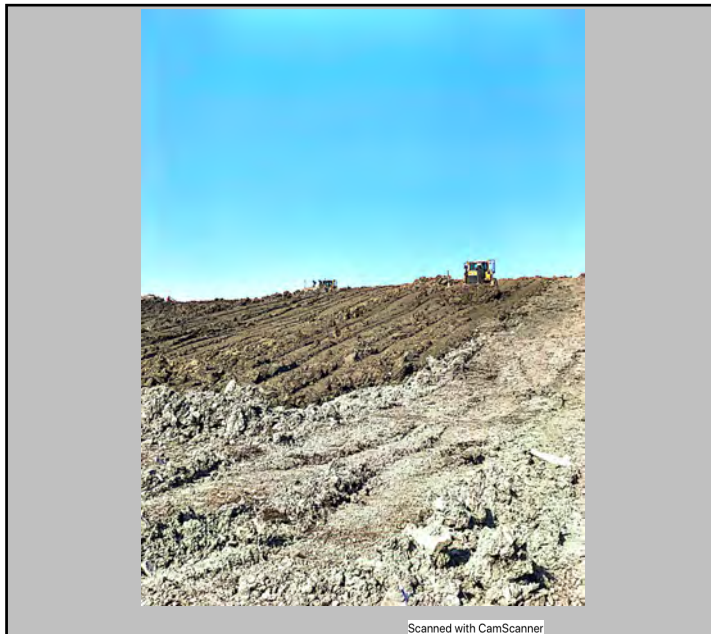


Photo #: 3

Dozer 421 placing NCL L4 P32.

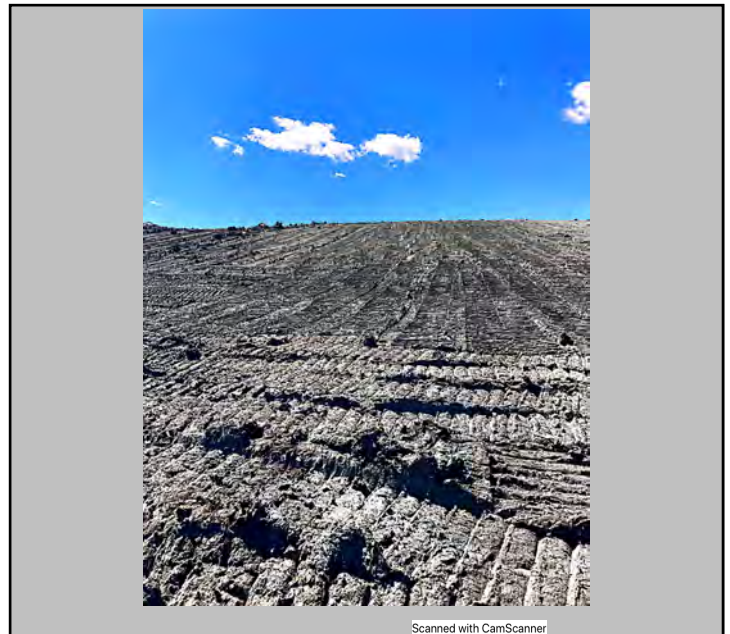


Photo #: 4

P32 NCL L4 complete.

PHOTOGRAPHS



Photo #: 5

Dozer 421 placing NCL L3 P33.



Photo #: 6

Dozer 420 and 421 placing NCL L3 P33.



Photo #: 7

P33 NCL L3 Complete

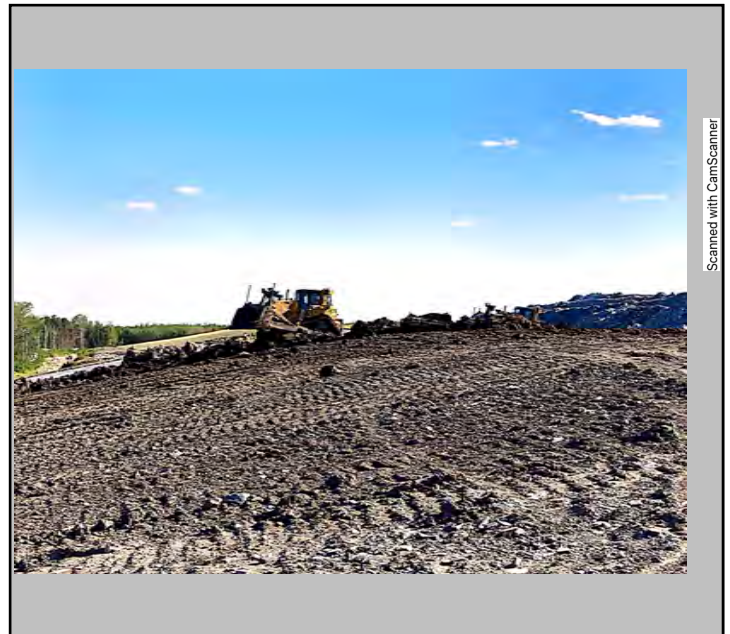


Photo #: 8

Dozer 420 and 421 placing NCL L4 P33.

Date:	July 31, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Cloudy

Precipitation

0 mm

Temperature
(High/Low)

20

18

Humidity

80 to 100%

Wind

Low

Afternoon Conditions

Weather

Rain

Precipitation

0 - 5 mm

Temperature
(High/Low)

20

19

Humidity

80 to 100%

Wind

Moderate

Meeting Summaries

General Remarks

Central Stockpile:
Excavator 836 loaded Truck 231, 232, and 233, with clay material from the stockpile.

Panel 33 NCL L4 (In Progress)
Truck 231, 231, and 233 hauled clay material from Central Stockpile to the crest of the panel.
Dozer 420 and 421 placed clay material as NCL L4 on the panel.
Clay material has been placed, rain prevented the panel from being cut to final grade.
Dozer 420 sloped the south edge of the panel to promote drainage.

Toe of Panels 30-33:
Dozer 420 sloped the toe of the panels to allow drainage of water away from the cover system.

Description of CCL Material:

Panel Approval:

Panel Description	Panel 33 NCL L4 (In Progress)
-------------------	-------------------------------

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL L4 P33	0+600 to 0+630	231, 232, 233, 420, 421, 836
Toe Sloping/Drainage	0+600 to 0+800	420

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.08.01 06:36:54 -05'00'

PHOTOGRAPHS



Photo #: 1

Excavator 836 loading Truck 232 at Central Stockpile.



Photo #: 2

Truck 232 dumping clay material on the crest of P33.



Photo #: 3

Dozer 420 and 421 placing NCL L4 P33.



Photo #: 4

NCL L4 P33 placed, awaiting final grading.

PHOTOGRAPHS



Photo #: 5

Dozer 420 sloping toe of P30-P33 for drainage.



Photo #: 6

Complete toe slope south end of P30.



Photo #: 7

Dozer 420 sloping the edge of P33 for side drainage.



Photo #: 8

Date:	August 1, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	20 14	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	24 20	Humidity	40 to 60%	Wind	Moderate

Meeting Summaries

CQC, Tulloch, informed NG that panel 33 would likely have dried to the point of workability around mid afternoon, after second break.

General Remarks

Panel 33 NCL L4 (In Progress):
Panel had standing water in the morning from yesterday and overnight rainfall.
Mid Afternoon Dozer 420 began track packing the panel and then graded the panel.

Description of CCL Material:

Panel Approval:

Panel Description	NCL L4 P30 (In Progress)
-------------------	--------------------------

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input type="checkbox"/>	<input type="checkbox"/>	
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL L4 P33	0+600 to 0+630	420

**Key-in Trench:
Location**

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

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DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.08.02 07:52:56 -05'00'

PHOTOGRAPHS



Photo #: 1

P33 morning.

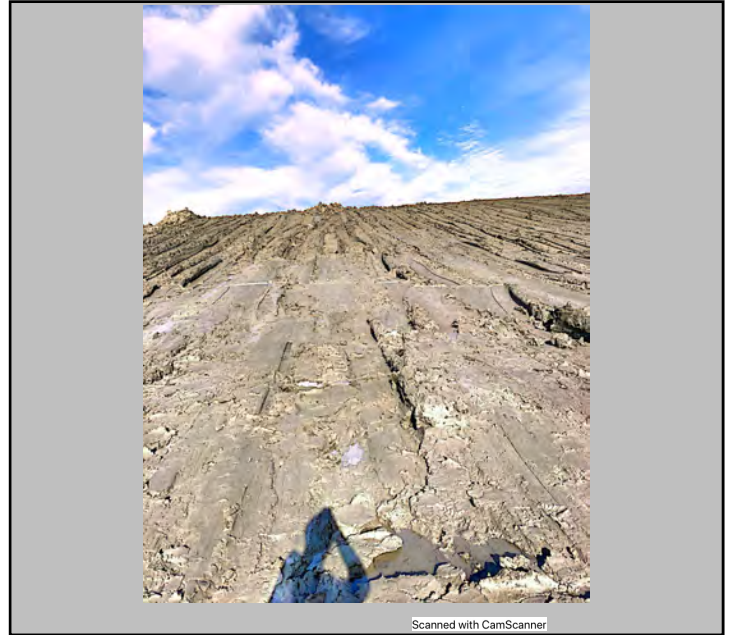


Photo #: 2

P33 morning.

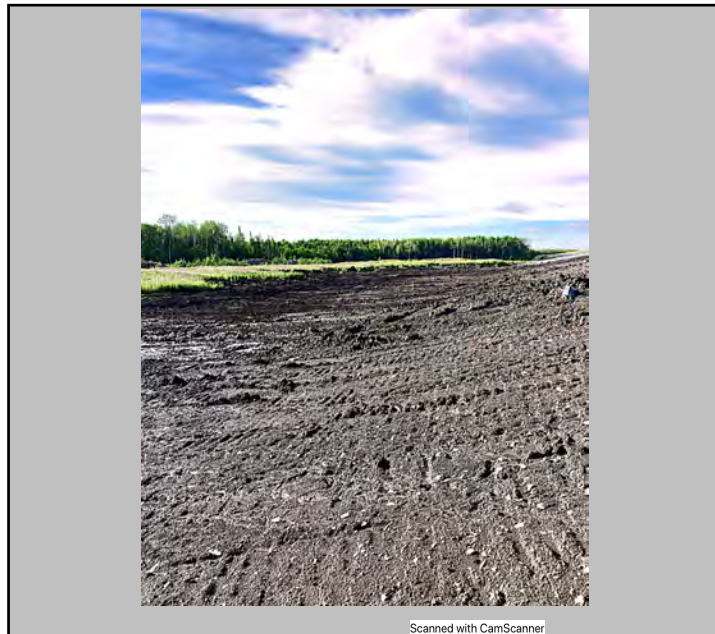


Photo #: 3

Toe of P30-P33.



Photo #: 4

Toe of P30.

PHOTOGRAPHS



Photo #: 5

South edge of P33 sloped.



Photo #: 6

Dozer 420 track packing P33



Photo #: 7

Dozer 420 grading P33.

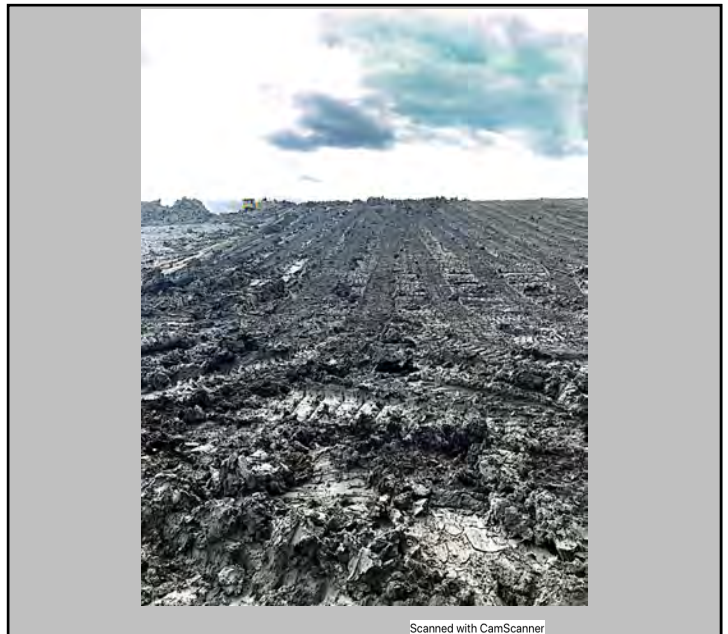


Photo #: 8

P33 end of day.

Date:	August 2, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	OKC Project #:	1003-19
Prepared by:	Keith Naumann	Project Location:	Rainy River - Ontario

Number of Pages in Report 5

Environmental Conditions:

Morning Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

20

16

Humidity

60 to 80%

Wind

Low

Afternoon Conditions

Weather

Fair

Precipitation

0 mm

Temperature
(High/Low)

25

20

Humidity

40 to 60%

Wind

Moderate

Meeting Summaries

Regularly scheduled RR EMRS Reclamation Weekly Update Meeting occurred with Okane and New Gold.

The adequacy of the drainage on Panels 30-33 was discussed with Okane. Drainage was deemed adequate.

General Remarks

Emergency stand down delayed the start of the day.

Panel 33 NCL L4 (Complete):

Dozer 420 completed the final grading of the panel.

CQC, Tulloch, surveyed panel for grade and took a sample.

Panel 30 Bore hole test pits:

Excavator LB350 filled in Okane's bore hole test pits.

Description of CCL Material:

Panel Approval:

Panel Description	P33 NCL L4 (Complete)
-------------------	-----------------------

	Yes	No	Comment
Material Inspection Suitable for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Layer Thickness Acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.5m-0.6m
Water Content within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Density within Acceptable Range	<input type="checkbox"/>	<input type="checkbox"/>	
Corrected Actions Taken	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Testing and Sampling Completed:

Sampling:
EMRS22_MC_P33_L4_S585_220802

Work Location and Task:

Task Description	Location of Work	Equipment & Personnel Used
NCL L4 P33	0+600 to 0+630	420
Filling Bore Holes test Pits	Panel 30	LB350

Key-in Trench:
Location

CCL Contact Material

Comment

By signing below I agree that the above statements are an accurate representation of the days events.

CQA / New Gold Representative :

CQC Representative:

**Keith
Naumann**

Digitally signed by Keith Naumann
DN: cn=Keith Naumann,
o=Tulloch, ou,
email=keith.naumann@tulloch.ca,
c=CA
Date: 2022.08.03 06:34:08 -05'00'

PHOTOGRAPHS



Photo #: 1

Dozer 420 grading P33 NCL L4.



Photo #: 2

P33 NCL L4 complete.



Photo #: 3

P30 Toe sloped to drain past the key trench.



Photo #: 4

More photos on next page.

PHOTOGRAPHS



Photo #: 5

LB350 filling Okane's bore hole test pits.



Photo #: 6

Bore hole test pits filled.



Photo #: 7



Photo #: 8

Duplicate Page

Appendix E

Okane QA Inspection Reports

Date:	May 22, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Rain	Precipitation	0 - 5 mm
Temperature (High/Low)	7	2	Humidity	80 to 100%
			Wind	Low
<u>Afternoon Conditions</u>	Weather	Cloudy	Precipitation	0 mm
Temperature (High/Low)	9	7	Humidity	40 to 60%
			Wind	Low

General Comments

General:

- Okane's first day on site, general setup and training for 2022 reclamation season completed.
- Spoke with CQC regarding slope preparation for area 0+690 - 0+783 and potential borrow sources for CCL construction.
- Met with Travis Alexander to discuss the stockpiled material available for CCL use as well as initial key trenching for 0+690 - 0+783. Upon inspection of both stockpile areas there were large amounts of medium and oversize stone visible in the southern borrow area (S504-S505) and a moderate quantity of stone visible in the northern borrow area (S499-S503 & S506-S507). Based on in-situ inspections and lab results of both borrow areas Okane recommends prioritizing the northern stockpile area for CCL use and utilizing the southern stockpile for use in NCL to avoid potential PSD testing and hydraulic conductivity issues.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.05.22 09:52:06 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Slope preparation in progress (0+690 - 0+783)



Photo #: 2

0+690 - 0+783 toe



Photo #: 3

Southern borrow area (S504-S505)



Photo #: 4

Northern borrow area (S499-S503 & S506-S507)

Date:	May 22, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:


<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	12 2	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	14 12	Humidity	40 to 60%	Wind	Low

General Comments

General:

- Slope preparation and survey for 0+690 - 0+783 complete and pending material placement.
- CQA Informed that the previously identified northern borrow area (S499-S503 & S506-S507) will likely not be available for use in cover system construction. Current plan is to utilize material from the southern borrow area for the start of construction. Pockets of material in this area were previously deemed unsuitable for CCL use during the 2021 construction season.
- Met with Travis Alexander to view the southern borrow area and discuss the current material conditions. Okane cautioned that in its current state the southern borrow area contains areas with large quantities of rock that could impact the hydraulic conductivity of CCL lifts. New Gold is aware and plans to sort through the area to obtain material for CCL placement during the hauling process.

CQA Representative:

 Digitally signed by Brady Hay
Date: 2022.05.23 08:25:52 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
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<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:
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PHOTOGRAPHS

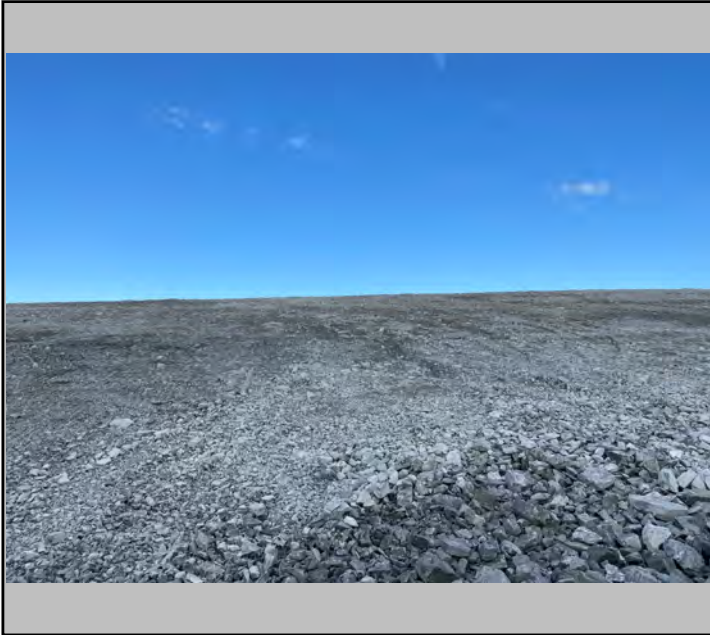


Photo #: 1

0+690 - 0+783 completed WR surface



Photo #: 2

WR at toe of slope



Photo #: 3

Stockpiled material (S508)

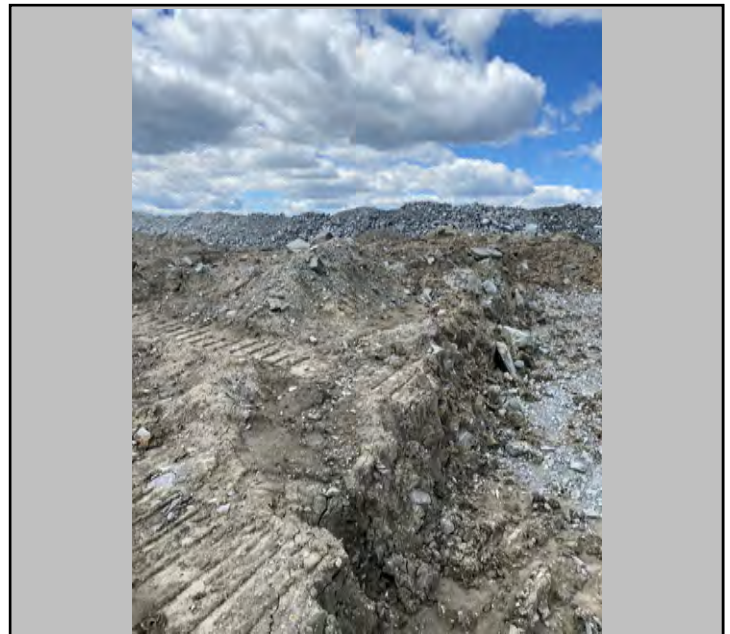


Photo #: 4

Southern borrow area face

Date:	May 23, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	15	2	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	18	15	Humidity	20 to 40%	Wind	Moderate

General Comments

P30, L1:

- Lift placement initiated from central borrow source (approximately STN 1+202.8, O/S -665.9). Lift placement still in progress.
- Material appears dark brown, pliable, moist, with little stone.
- Areas of L1 containing minor amounts of frozen material. These areas began to thaw throughout the placement process and exposure to warm temperatures.
- S509 taken by Tulloch from material first dumped on the slope as no proctor results are available from the central borrow area.

General:

- CCL material for P30 sourced from central borrow source opposed to the southern borrow area.
- Spoke with Tulloch to discuss locations of Golder instrumentation and toe drain locations near P30.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.05.24 08:25:10 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Central borrow area used for P30



Photo #: 2

S509



Photo #: 3

P30, L1 material

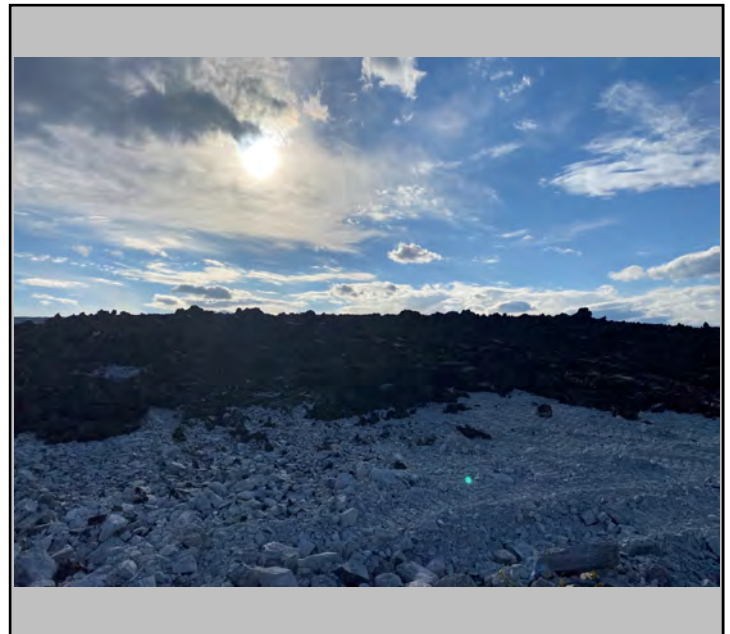


Photo #: 4

P30, L1 placement at end of day

Date:	May 24, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	12 9	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	21 12	Humidity	20 to 40%	Wind	Moderate

General Comments

P30 Key Trench:

- Key trench dug to bedrock at varying depths at the North end of the key trench.
- As bedrock tapered out the trench was dug to approximately 2.0m where suitable tie in material was reached.
- Bedrock was reached again at the South end of the trench where it was terminated (approximately 0 +685).

P30, L1:

- Standing water visible throughout previously placed L1 following evening showers. The material was track packed to remove the standing water and the material was given time to dry.
- While the material was drying New Gold began widening P30, L1 to the full size of the approved area (90m). Okane is comfortable with the new panel size in the current conditions but cautioned against increasing panel sizes to the point where CCL lifts can't be covered in a timely manner.
- Material sourced from the same central borrow source used to complete L1. Material appeared dark brown with lighter streaks, moist, and pliable. Small areas of frozen material still present, but thawing occurred quickly during the placement process in the current conditions.
- Compaction started on the South half of P30 following Tulloch survey. The bottom quarter of the lift was track packed but not rolled due to material in the area being too wet.

General:

- Spoke with Garry Noga to discuss weekly update meetings. Meetings are scheduled to resume on May 31st at 15:00 central time.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.05.25 08:50:45 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
<input type="text"/>				Choose:	Choose:
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<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Standing water on P30, L1 following overnight showers



Photo #: 2

P30 key trench dug to varying depths to bedrock at North end

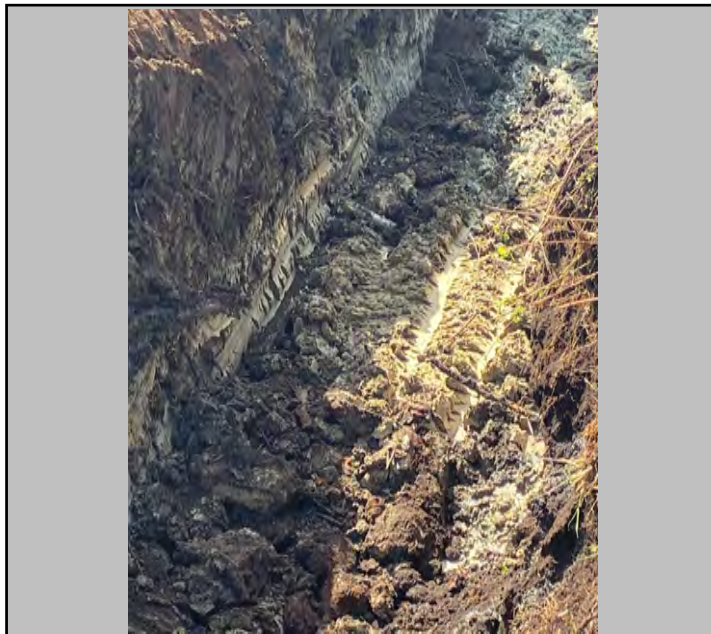


Photo #: 3

Suitable tie in material reached at approximately 2.0m



Photo #: 4

P30, L1 at end of day

PHOTOGRAPHS



Photo #: 5

Compacted area of P30, L1

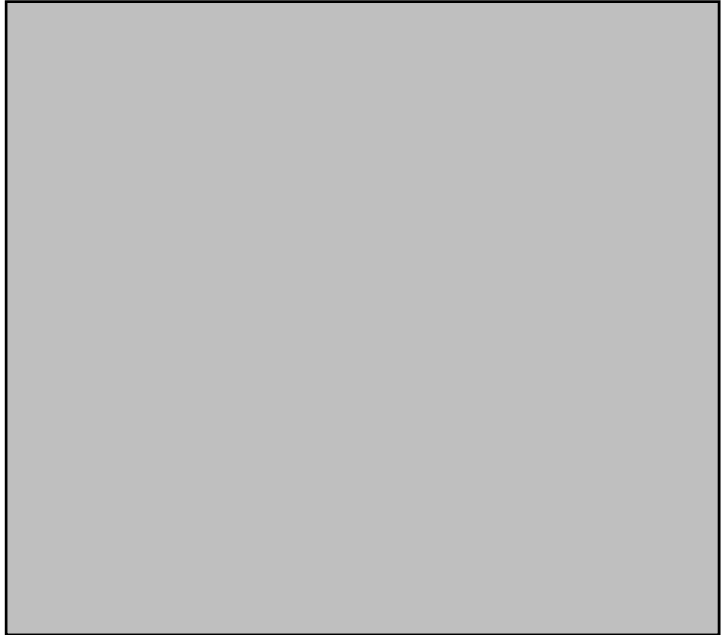


Photo #:



Photo #:



Photo #:

Date:	May 25, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Cloudy	Precipitation	0 mm
Temperature (High/Low)	15 10	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Cloudy	Precipitation	0 mm
Temperature (High/Low)	17 15	Humidity	40 to 60%	Wind	Moderate

General Comments

P30, L1:

- Placement of P30, L1 to grade completed for the North half of the panel. Tulloch survey completed and proper thickness confirmed.
- Testing of P30 split into North and South half to allow placement of L2 material on the South half while compaction of the North half was still in progress.
- Nuclear density gauge results on South half of P30, L1 showed moisture contents greater than 30 percent in some areas, resulting compaction below 95%. Upon further investigation into these locations the material appeared dark brown/grey, moist, and pliable. Secondary nuclear density gauge results next to high moisture content locations resulted in lower moisture contents and adequate compaction results.
- South half of P30, L1 passed based on nuclear density results and in-situ material inspection by CQA.
- Four passes with sheepsfoot roller utilized for the entirety of L1.
- Tulloch to test the North half of P30, L1 tomorrow.

P30, L2:

- Lift two placement started following the approval of the South half of P30, L1.
- Material from the same central borrow area utilized for L2. Material appeared dark brown, moist, and pliable.

General:

- Dozer and excavator smoothed the waste rock surface South of P30 in preparation for future panels.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.05.26 07:35:48 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L1 compaction



Photo #: 2

D460 material

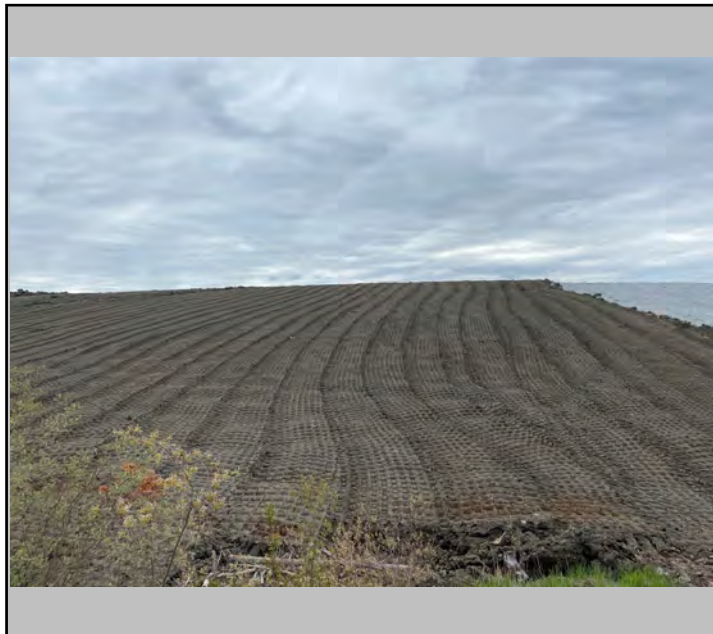


Photo #: 3

P30, L1 compaction completed

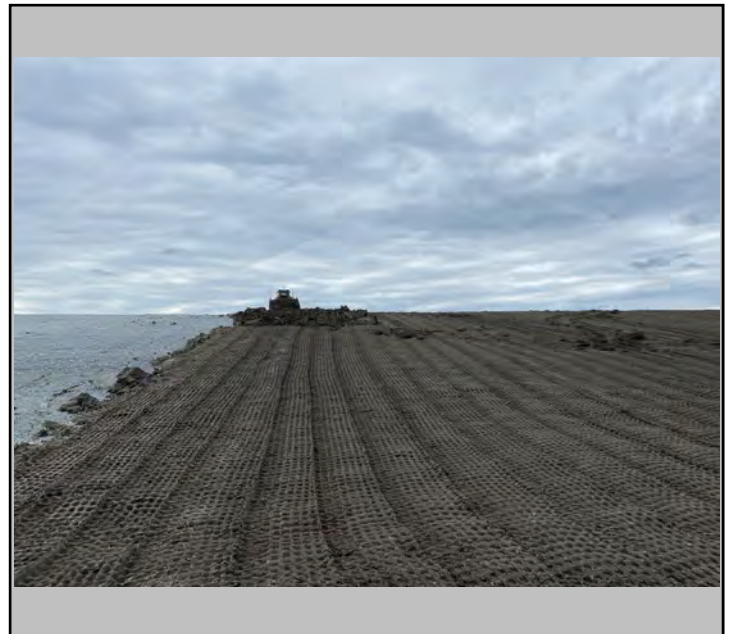


Photo #: 4

P30, L2 placement started on South half

Duplicate Page

PHOTOGRAPHS

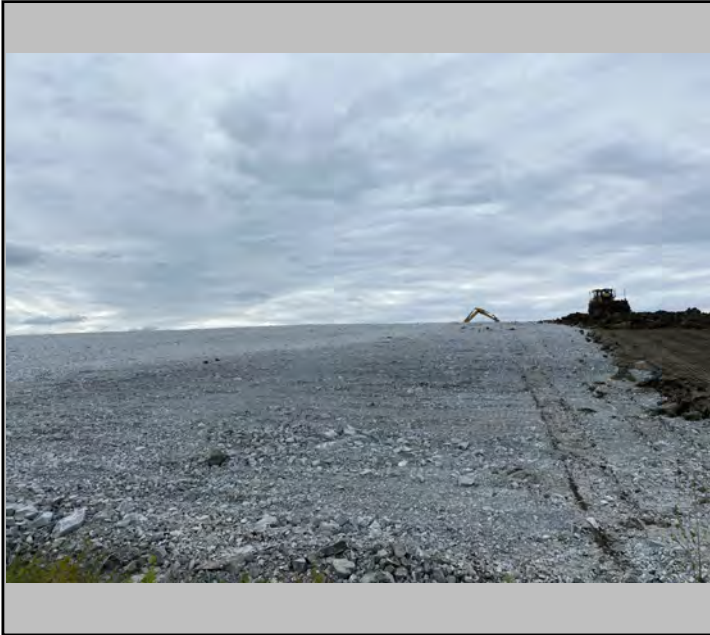


Photo #: 5

WR surface smoothed South of P30



Photo #: 6

P30, L2 material



Photo #: 7

P30 at end of day



Photo #:

Date:	May 26, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	15 9	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	18 15	Humidity	40 to 60%	Wind	Low

General Comments

P30, L1:

- No desiccation visible on exposed areas of L1 upon morning inspection.
- Excavator able to remove two pieces of oversize from L1 during the testing process. Little to no stone noted in the material from the current borrow source.
- Testing on North half of L1 completed in the morning and adequate thickness of L1 confirmed by CQC. The entirety of P30, L1 approved based on nuclear density testing results.


P30, L2:

- L2 placement continued for the entirety of P30 following approval of the North half of L1.
- Material from the same central borrow area utilized for L2. Material appeared dark brown, moist, and pliable. Some small areas of frozen material were still noted during placement.
- Recommendation made by CQA to cover the entirety of P30, L1 with a reduced lift of material if L2 could not be completed to grade prior to end of day. This recommendation was made to avoid desiccation on the surface of L1 and aid in the melting of frozen locations in L2.
- P30, L2 placed to cover the entirety of L1.

General:

- Spoke with CQC to review specifications for moisture contents prior to testing (-2%/+4% of proctor optimum water content).
- Spoke with Tulloch to discuss the transfer of survey data. CQA requested a monthly submission of waste rock and lift as-built surfaces and bi-weekly submissions of sample points and panel outlines.

CQA Representative:

 Digitally signed by Brady Hay
Date: 2022.05.27 07:34:34 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L1 upon morning inspection



Photo #: 2

D469 in progress



Photo #: 3

D470 material



Photo #: 4

P30, L2 testing completed

PHOTOGRAPHS



Photo #: 5

Chunk of frozen material in P30, L2



Photo #: 6

P30, L2 placed to cover the entirety of L1



Photo #:

Empty box for photo number entry.



Photo #:

Empty box for photo number entry.

Date:	May 27, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	18 11	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	24 18	Humidity	20 to 40%	Wind	Moderate

General Comments

P30, L2:

- L2 placed to grade with loads of material from the same central borrow source. Material appeared dark brown, moist, and pliable.
- L2 was again tested in two halves to allow for L3 placement to begin on the south half while compaction and testing of the North half was in progress.
- Moisture results of 33.1% and 40.5% for densities D477 & D478 obtained in a small area while testing the South half of L2. Upon investigation the material wasn't wet and appeared consistent with other areas within the lift. A reduced moisture content is expected for D478 once lab results are available and the location has been flagged for hydraulic conductivity testing.
- North half of L2 given an hour for the surface to dry before testing to avoid deep tracks being made by the excavator while making testing surfaces.
- Adequate depth of L2 confirmed by CQC and P30, L2 approved based on nuclear density results and in-situ inspections.

P30, L3

- Actively hauled material was stockpiled on the south half bench of P30, L2 for use in L3. Once the South half of L2 was approved the material was placed down the slope.
- Once the stockpiles of actively hauled material was used, material from the previously identified southern borrow area was used to continue with L3 placement.
- All material placed deemed suitable for NCL use.
- L3 still in progress.

General:

- Met with Garry Noga to discuss using live haul material for P30, L3. CQA inspected previously dumped loads and determined the material was suitable for NCL use.
- Tulloch informed CQA that New Gold planned to designate one truck to stockpile NCL material for quicker L3 placement on May 28th.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.05.28 10:45:23 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
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<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Live haul dump area



Photo #: 2

D478 material



Photo #: 3

P30, L3 material



Photo #: 4

D485 testing in progress

PHOTOGRAPHS



Photo #: 5

North half of P30, L2 tested and approved



Photo #: 6

P30, L2 desiccation depth at end of day

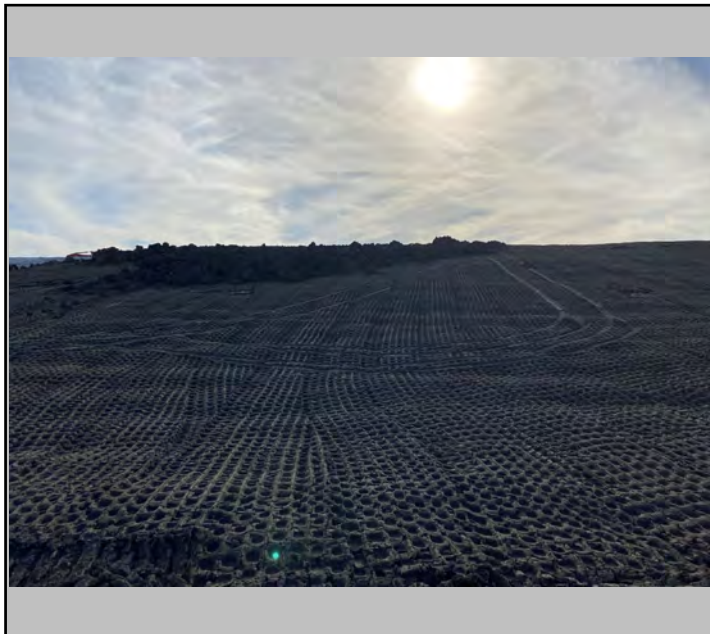


Photo #: 7

P30, L3 placement at end of day



Photo #:

Duplicate Page

Date:	May 28, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Cloudy	Precipitation	0 mm
Temperature (High/Low)	20	11	Humidity	60 to 80%
			Wind	Low
<u>Afternoon Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	23	20	Humidity	80 to 100%
			Wind	Moderate

General Comments

P30, L2:

- L2 desiccation not yet at point of concern upon morning inspection.
- At approximately 16:00 the uncovered areas of L2 on the south half of P30 appeared to reach a level of desiccation which warranted concern. At this point the material had been exposed for approximately 26.5 hours after approval, resulting in the depth of the crust to reach the inside of the sheepsfoot marks in areas. L2 material on the north side of P30 was placed more recently than the south and desiccation was not yet at the point of concern.
- At this point CQA met with CQC to discuss the current level of desiccation. With no capacity to wet or disc the material it was determined the best course of action was to continue covering L2 with the current NCL material which was visually moist and pliable.
- The southeast quarter of P30, L2 was flagged for borehole permeameter testing in order to confirm the area still achieves adequate hydraulic conductivity.

P30, L3

- L3 placement continued with material hauled from southern borrow source.
- Spoke with Ted Linley in the morning to discuss NCL placement for the day. With large quantities of rain forecasted for the following days CQA mentioned it would be beneficial if L3 could be placed at a reduced grade to cover the entirety of L2 prior to the arrival of heavy rains.
- With one dozer being utilized for NCL placement and the increased panel size for P30, it became apparent during the day that covering L2 was not possible. At this point the focus shifted to covering the south side of P30 where material had been uncovered for the longest.
- L3 placement continued to until the end of day.

General:

- One actively hauled load of material was dumped next to P30 in the morning. Upon inspection the load was comprised primarily of stone and CQC was notified of the material. CQC spoke with the dozer operator and the pile was left to the side and not included in the P30 NCL.
- Downloads for cover trial monitoring stations P1 & P2 as well as repair of P2 tipping bucket completed.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.05.29 11:01:44 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

NCL material stockpiled overnight



Photo #: 2

Load of stone dumped from active haul



Photo #: 3

Depth of surface desiccation on south side of P30, L2 upon inspection



Photo #: 4

P30, L3 placement during desiccation inspection

PHOTOGRAPHS



Photo #: 5

P30, L3 material



Photo #: 6

P30, L3 material



Photo #: 7

P30, L3 placement at end of day



Photo #:

Date:	May 29, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Rain	Precipitation	0 - 5 mm
Temperature (High/Low)	14	12	Humidity	80 to 100%
			Wind	Moderate
<u>Afternoon Conditions</u>	Weather	Cloudy	Precipitation	5 - 10 mm
Temperature (High/Low)	16	14	Humidity	80 to 100%
			Wind	Moderate

General Comments

P30, L2:

- Areas still exposed were rehydrated by light showers in the morning until heavy rain caused the material to become too wet with standing water in the sheepsfoot holes and at the toe.

P30, L3

- L3 placement continued in the morning with sporadic light rain helping to rehydrate L2 during the process.

- at 11:00 construction was halted until 14:00 due to lightning proximity. During this shutdown periods of heavy rain occurred. Once the work stoppage was lifted both L2 and L3 were very wet and standing water was present throughout the panel. CQA contacted CQC to inform them of the conditions and work on the EMRS was stopped for the remainder of the day while the material was left to dry.

General:

- Comparison sample taken by CQA for 3rd party testing with S534.
- Previously placed live hauled pile of rock was removed by the excavator and haul trucks.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.05.30 07:34:55 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L3 placement continued start of day



Photo #: 2

Previously piled load of stone removed



Photo #: 3

L2 conditions after heavy rainfall



Photo #: 4

L3 conditions after heavy rainfall

PHOTOGRAPHS



Photo #: 5

P30, L3 progression following work stoppage
(end of cover construction for the day)

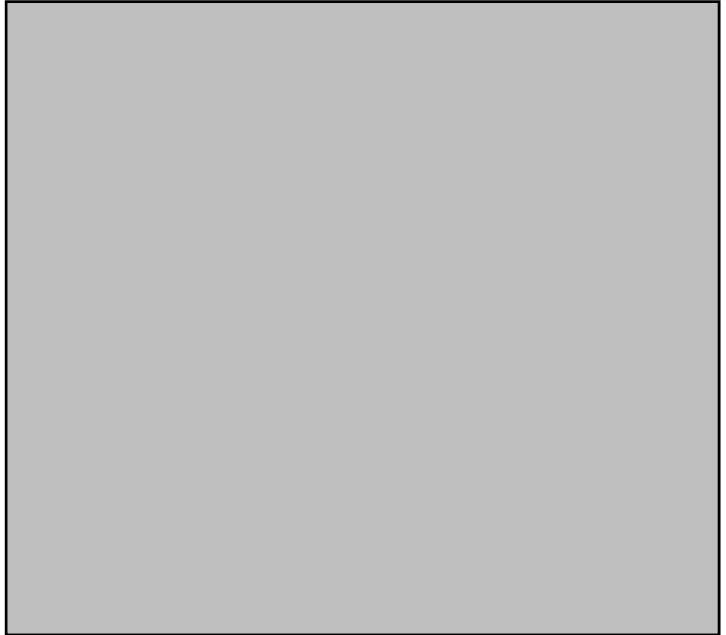


Photo #:



Photo #:



Photo #:

Duplicate Page

Date:	May 30, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Rain	Precipitation	10 - 20 mm
Temperature (High/Low)	18 16	Humidity	80 to 100%	Wind	Moderate
<u>Afternoon Conditions</u>		Weather	Cloudy	Precipitation	0 mm
Temperature (High/Low)	24 18	Humidity	40 to 60%	Wind	Low

General Comments

General:

- No cover system construction completed due to overnight rain and heavy rainfall in the morning.
- Improved weather in the afternoon began the drying process of the material, but with more rain forecasted for the evening and tomorrow the material will likely need to be re-evaluated.

P30, L2:

- Standing water visible in sheepsfoot marks on the slope with larger areas of standing water at the toe following heavy rain.

P30, L3:

- L3 material visually wet following rain with areas of standing water scattered throughout the lift.

CQA Representative:



Digitally signed by Brady Hay
Date: 2022.05.31 08:28:51 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L3 material upon afternoon inspection



Photo #: 2

P30, L2 material upon afternoon inspection



Photo #: 3

P30, L2 toe upon afternoon inspection



Photo #: 4

Duplicate Page

Date:	May 31, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	13 13	Humidity	80 to 100%	Wind	Moderate
<u>Afternoon Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	14 13	Humidity	80 to 100%	Wind	High

General Comments

General:
- No cover system construction completed due to overnight rain and showers throughout the day.

P30, L2:
- Standing water visible in sheepfoot marks on the slope with larger areas of standing water at the toe following rain.

P30, L3:
- L3 material visually wet following rain with areas of standing water scattered throughout the lift.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.06.01 08:52:03 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L2 morning conditions



Photo #: 2

P30, L3 morning conditions



Photo #: 3

P30, L2 EOD conditions



Photo #: 4

P30, L3 EOD conditions

Date:	June 1, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	Okane Project #:	1003-027
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	15 6	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	19 15	Humidity	20 to 40%	Wind	Moderate

General Comments

General:

- No cover system construction completed as material was given time to dry following high levels of rain over the past three days.
- Met with Mitchell Hearn to discuss the current conditions of P30 material. Based on the material conditions near end of day it is likely construction can resume tomorrow barring any further showers.


P30, L2:

- Standing water visible in sheepsfoot marks on the slope with larger areas of standing water at the toe upon morning inspection.
- Warm temperatures and moderate winds throughout the day aided in the drying process of L2. Upon an evening inspection the standing water in the sheepsfoot marks had dried with moist material remaining in the indents. A thin layer of crust had formed on the slope, with areas of standing water still present at the toe.

P30, L3:

- L3 material visually wet following rain with areas of standing water scattered throughout the lift upon morning inspection.
- Improved weather conditions aided the drying of L3. Upon an evening inspection there was a thin layer of crust at the surface of L3 with wet material underneath. Standing water was still present in dozer ruts and at the toe.

CQA Representative:

 Digitally signed by Brady Hay
Date: 2022.06.02 07:41:16 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L2 morning conditions



Photo #: 2

P30, L3 morning conditions



Photo #: 3

P30, L3 EOD conditions



Photo #: 4

P30, L2 EOD conditions

PHOTOGRAPHS



Photo #: 5

P30, L2 toe EOD conditions



Photo #:



Photo #:



Photo #:

Date:	June 2, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	9	5	Humidity	60 to 80%
			Wind	Low
<u>Afternoon Conditions</u>	Weather	Cloudy	Precipitation	0 - 5 mm
Temperature (High/Low)	10	6	Humidity	80 to 100%
			Wind	Moderate

General Comments

General:

- No cover system construction completed due to equipment and manpower being utilized elsewhere.
- Met with Mitchell Hearn and Garry Noga of New Gold to discuss current conditions and plans for resuming cover construction. New Gold planned on returning equipment to EMRS to resume construction on June 3.


P30, L2:

- Bottom of sheepsfoot roller divots showing some moisture with the top showing a thin crust.
- Very light afternoon showers keeping L2 slightly moist.
- Standing water at toe of slope minimal.

P30, L3:

- Material drying continues at L3 with a thin crust forming on top, underlain by moist material.
- Pockets of standing water still present.

CQA Representative:

 Digitally signed by Blake Weinrauch
Date: 2022.06.03 07:26:11 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2 conditions in the morning



Photo #: 2

P30 L2 showing some surface drying at top of
sheepsfoot roller near end of day



Photo #: 3

P30 L3 material drying at end of day, some
pockets of water still present



Photo #:

Date:	June 3, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	12 5	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	20 11	Humidity	20 to 40%	Wind	Moderate

General Comments

General:

- No cover system construction completed.
- Met with Mitchell Hearn of New Gold to discuss current conditions and plans for resuming cover construction. New Gold advised that cover construction likely would not resume until Monday, June 6th.
- Okane brought up concerns that rework would be required to the portion of P30 L2, as it has been uncovered since May 27th. Okane advised New Gold that the desiccated top layer of L2 will need to be skimmed, replacement material added, and re-compacted.


P30, L2:

- All previous moisture from heavy rainfalls had dried with the exception of two visibly moist areas at the toe.
- Desiccation reaching approximately 2-4cm throughout L2.

P30, L3:

- Material drying continues and a crust forming. Pockets of standing water still present.

CQA Representative:

 Digitally signed by Blake Weinrauch
Date: 2022.06.04 08:10:26 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2 dried by end of day



Photo #: 2

P30 L2 desiccation reaching approximately 2-4 cm throughout

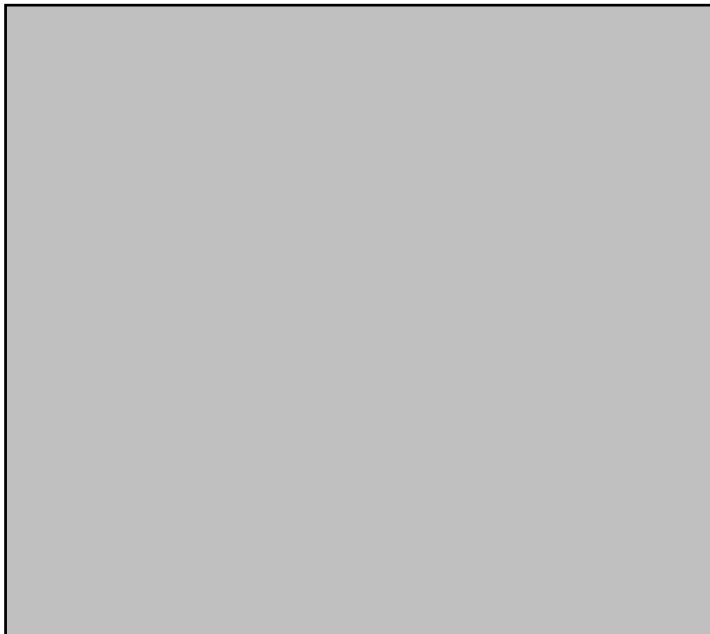


Photo #:



Photo #:

Duplicate Page

Date:	June 4, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	16 4	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	19 15	Humidity	20 to 40%	Wind	Low

General Comments

General:
- No cover system construction completed.

P30, L2:
-Desiccation advancing throughout L2.

P30, L3:
-Material drying continues. Pockets of standing water still present.

CQA Representative:

Blaine
Digitally signed by Blake Weinrauch
Date: 2022.06.05 08:39:35 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2 desiccation continues



Photo #: 2

P30 L2 at end of day



Photo #: 3

P30 L3 at end of day



Photo #:

Date:	June 5, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	15 7	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Cloudy	Precipitation	0 - 5 mm
Temperature (High/Low)	17 14	Humidity	20 to 40%	Wind	High

General Comments

General:

- No cover system construction completed.
- Met with Mitchell Hearn of New Gold who informed Okane that New Gold was hopeful to return to cover construction on Tuesday, June 7th.
- Very light afternoon showers

P30, L2:

- Desiccation advancing throughout L2.

P30, L3:

- Material drying continues. Pockets of standing water still present.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.06.06 08:51:05 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2 desiccation continues



Photo #:



Photo #:



Photo #:

Date:	June 6, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	17	7	Humidity	60 to 80%
			Wind	Low
<u>Afternoon Conditions</u>	Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	21	18	Humidity	40 to 60%
			Wind	Low

General Comments

General:
- No cover system construction completed.

P30, L2:
-Desiccation advancing throughout L2.

P30, L3:
-Material drying continues. Pockets of standing water still present.

CQA Representative:

Blaine
Digitally signed by Blake Weinrauch
Date: 2022.06.07 07:31:42 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2 desiccation continues

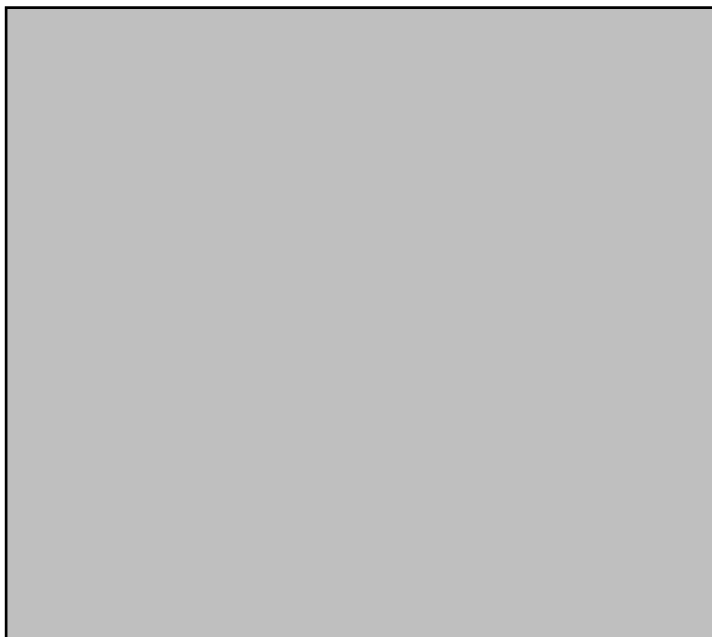


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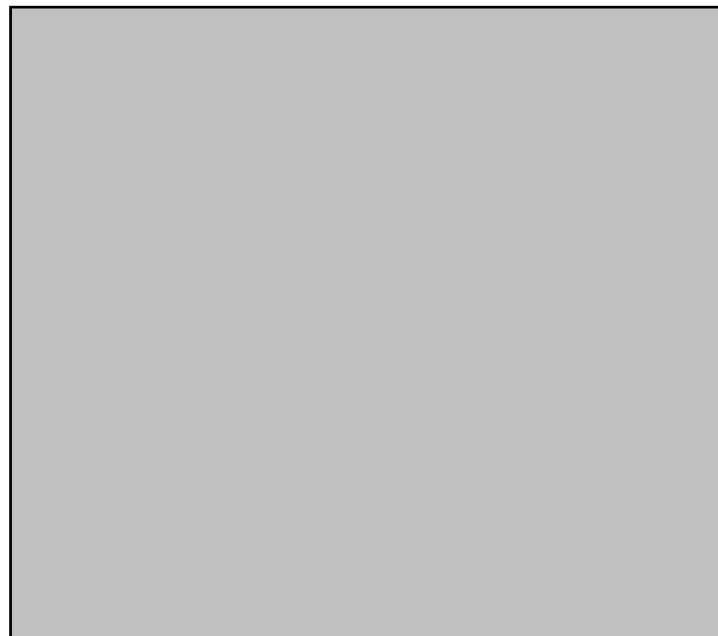


Photo #:

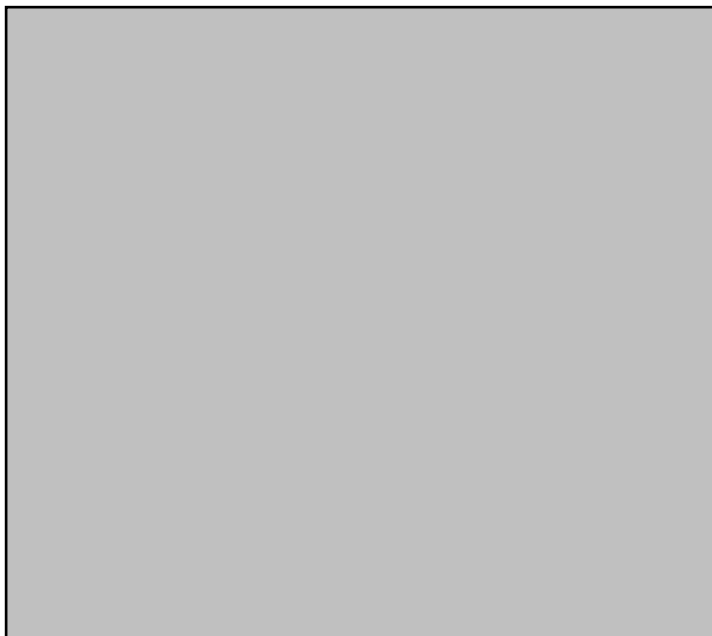


Photo #:

Date:	June 7, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

Morning Conditions Weather Precipitation

Temperature (High/Low) Humidity Wind

Afternoon Conditions Weather Precipitation

Temperature (High/Low) Humidity Wind


General Comments

General:
- No cover system construction completed.

P30, L2:
-Desiccation advancing throughout L2.

P30, L3:
-Material drying continues. Pockets of standing water still present.

CQA Representative:

 Digitally signed by Blake Weinrauch
Date: 2022.06.08 07:54:36 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2 desiccation continues



Photo #: 2

Current conditions at P30 L2



Photo #: 3

Current conditions at P30 L3



Photo #:

Date:	June 8, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	20 8	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	24 20	Humidity	20 to 40%	Wind	Moderate

General Comments

General:
- No cover system construction completed.

P30, L2:
-Desiccation advancing throughout L2.

P30, L3:
-Material drying continues. Pockets of standing water still present.

CQA Representative:

Blaine
Digitally signed by Blake
Weinrauch
Date: 2022.06.09 07:57:04 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2 desiccation continues



Photo #:



Photo #:



Photo #:

Date:	June 9, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

Morning Conditions Weather Precipitation

Temperature (High/Low) Humidity Wind

Afternoon Conditions Weather Precipitation

Temperature (High/Low) Humidity Wind

General Comments

General:
- No cover system construction completed.

P30, L2:
-Desiccation advancing throughout L2.

P30, L3:
-Material drying continues. Pockets of standing water still present.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.06.10 07:45:11 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2 desiccation continues

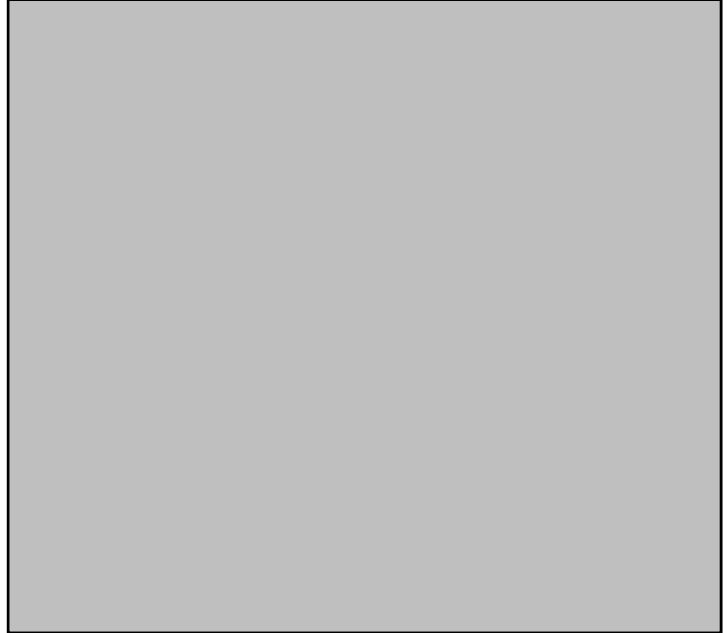


Photo #:



Photo #:



Photo #:

Date:	June 10, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	23 8	Humidity	40 to 60%	Wind	Still
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	26 22	Humidity	20 to 40%	Wind	Low


General Comments

General:
- No cover system construction completed.

P30, L2:
-Desiccation advancing throughout L2.

P30, L3:
-Material drying continues. Pockets of standing water still present.

CQA Representative:

 Digitally signed by Blake Weinrauch
Date: 2022.06.11 07:37:18 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2 desiccation continues

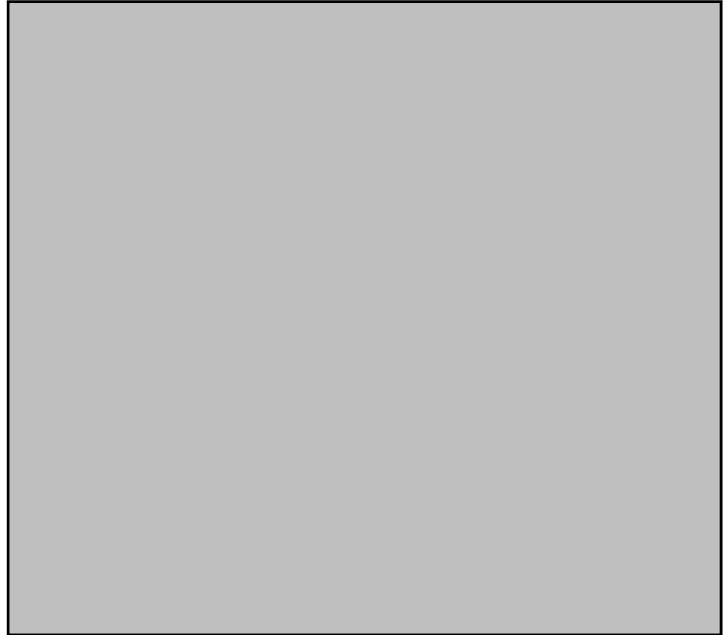


Photo #:



Photo #:



Photo #:

Date:	June 11, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	21	11	Humidity	60 to 80%
			Wind	Low
<u>Afternoon Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	25	21	Humidity	20 to 40%
			Wind	Low

General Comments

General:
- No cover system construction completed.

P30, L2:
- Desiccation advancing throughout L2.
- Morning showers did not affect L2 as material was dried by end of day.
- Significant cracking throughout L2 due to dryness and time.

P30, L3:
-Material drying continues. Pockets of standing water still present.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.06.12 07:29:06 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30 L2



Photo #: 2

P30 L3



Photo #:



Photo #:

Date:	June 12, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	22 13	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Rain	Precipitation	0 - 5 mm
Temperature (High/Low)	25 19	Humidity	40 to 60%	Wind	Low


General Comments

General:
- No cover system construction completed.

P30, L2:
- Heavy afternoon rainfall moistened top crust of L2.
- Some dry material still present underneath moist top layer.
- Cracking of L2 still present after rainfall due to extreme drying.

P30, L3:
- Material moistening from rainfall.
- Pockets of standing water present

CQA Representative:

 Digitally signed by Blake Weinrauch
Date: 2022.06.13 07:30:06 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Dry material still present under rain moistened
P30 L2 crust



Photo #: 2

P30 L2 cracking still present



Photo #: 3

P30 L3 material moistening



Photo #:

Date:	June 13, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	19 16	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	26 19	Humidity	60 to 80%	Wind	Low

General Comments

General:

- No cover system construction completed.
- Material stockpiled at crest of slope ahead where P31 and P32 will be constructed. Material appeared to be dark brown and plastic with pockets of lighter brown material. Minimal rock appeared to be present.

P30, L2:

- Intermittent showers kept P30 L2 moist.
- Minimal dry material still present underneath moist top layer.
- Cracking of L2 still present as a result of previous extreme drying.

P30, L3:

- Material moistening from rainfall.
- Pockets of standing water present

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.06.14 07:37:39 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Minimal crusting on P30 L2



Photo #: 2

P30 L2 cracking present

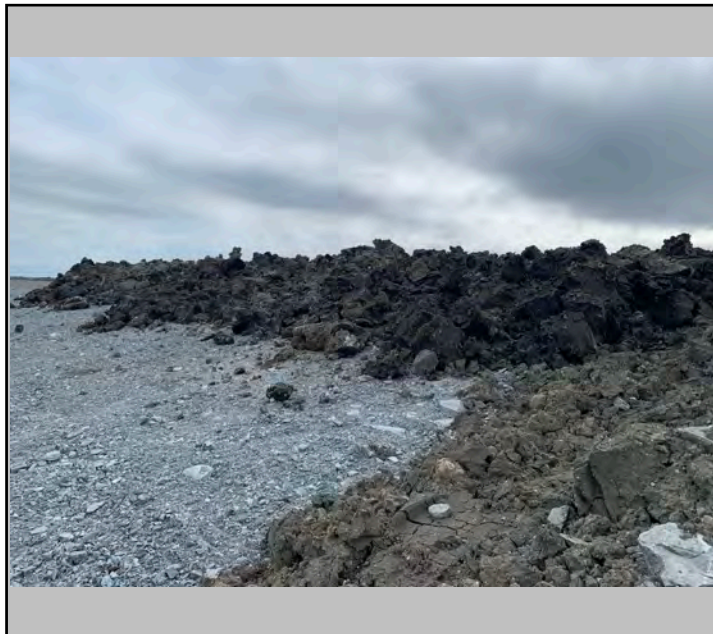


Photo #: 3

Material stockpiled on crest of slope where P31 and P32 will be placed



Photo #: 4

Stockpiled material varying in colour

PHOTOGRAPHS



Photo #: 1

Dark brown plastic material (Bottom)
Light brown non-plastic material (Top)

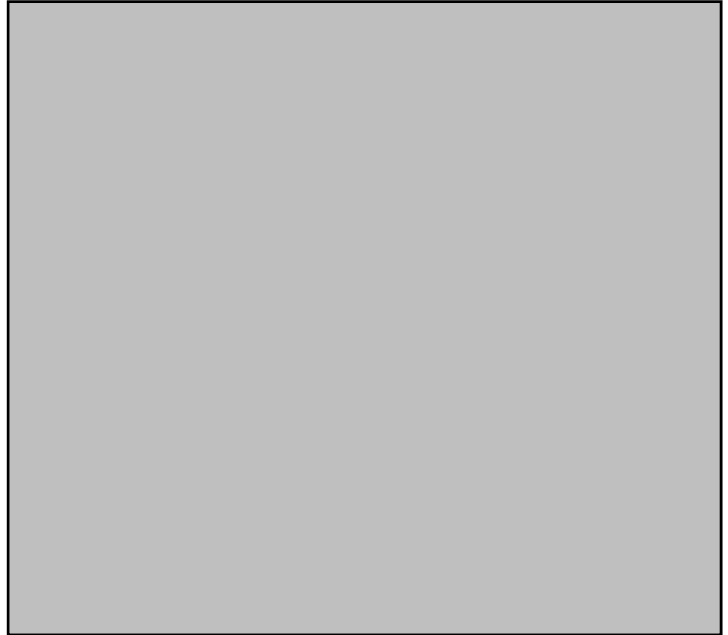


Photo #:

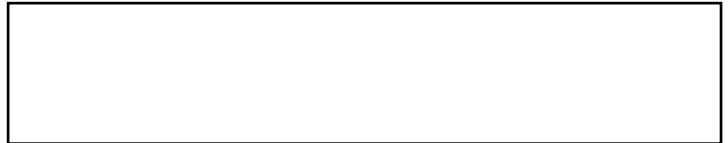


Photo #:



Photo #:



Date:	June 14, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-027
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Rain	Precipitation	0 - 5 mm
Temperature (High/Low)	17 13	Humidity	80 to 100%	Wind	Moderate
<u>Afternoon Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	24 17	Humidity	80 to 100%	Wind	Moderate

General Comments

General:

- No cover system construction completed.
- Okane and Tulloch both advised to demobilize EMRS staff from site until July 1, 2022


P30, L2:

- Continued rainfall moistening P30 L2

P30, L3:

- Material continued wetting from rainfall.
- Pockets of standing water present

CQA Representative:

 Digitally signed by Blake Weinrauch
Date: 2022.06.15 07:41:33 -05'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

Date:	June 30, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Choose From List	Precipitation	Choose From List
Temperature (High/Low)	N/A	N/A	Humidity	Choose from List
			Wind	Choose from List
<u>Afternoon Conditions</u>	Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	20	18	Humidity	40 to 60%
			Wind	Moderate

General Comments

General:

- Okane returned to site in preparation for cover construction resuming July 1st.
- CQA performed spot checks throughout P30 L2 & L3 to determine the depth of desiccation present since construction had paused.
- Met with Mitchell Hearn to discuss current conditions of P30 and re-work needed prior to continuing cover construction. Based on spot checks CQA recommended skimming the exposed areas of P30, L2 to where adequate material was found upon spot checks (0.45m from waste rock) and 1m into L3 for tie in.

P30, L2:

- Three spot checks completed on the exposed areas of L2. Brownish grey, moist, pliable material was reached at a depth of approximately 150mm in all three locations.

P30, L3:

- Spot check completed on south east quarter of P30 where material placement was visually the thinnest. Based on inspection it was determined desiccation had not reached the CCL material below as moist material was discovered below a thin layer of dry material.
- Okane recommends skimming the top surface of L3 prior to the completion of L3 to grade with new NCL material.

CQA Representative:

Digitally signed by
Brady Hay
 Date: 2022.07.01
 08:31:34 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	Yes	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	P30 L2 to be trimmed to remove desiccated material, replaced with new CCL material, compacted, and tested for re-approval. Top surface	Yes	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L2 spot check #1 material



Photo #: 2

P30, L2 spot check #1 depth



Photo #: 3

P30, L2 spot check #2



Photo #: 4

P30, L2 spot check #3

PHOTOGRAPHS



Photo #: 5

P30, L3 spot check

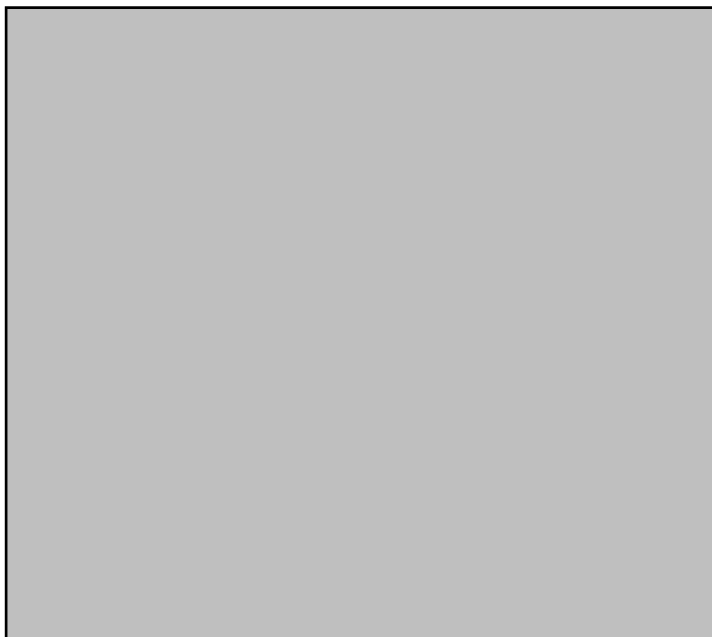


Photo #:

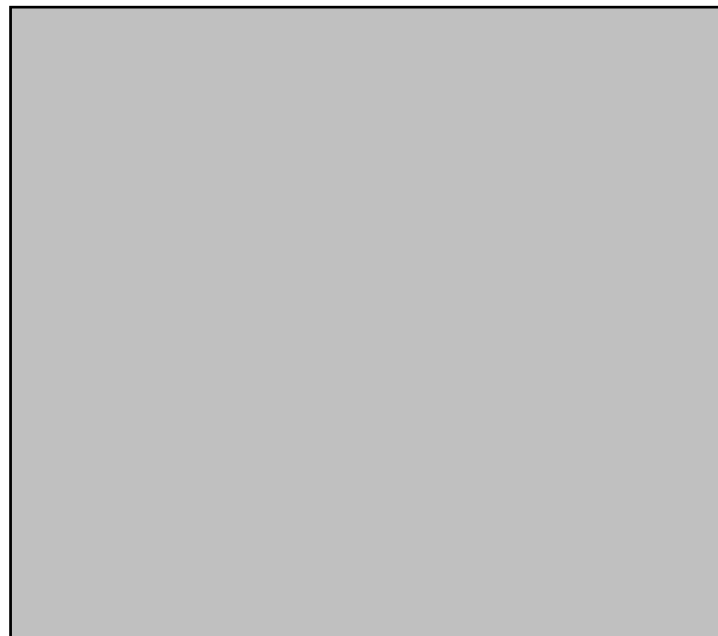


Photo #:

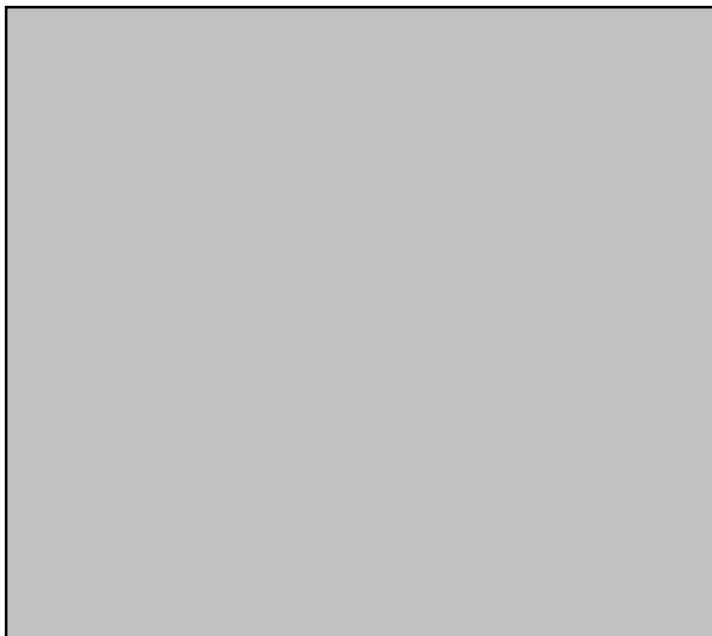


Photo #:

Duplicate Page

Date:	July 1, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	20	9	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	22	20	Humidity	20 to 40%	Wind	Moderate

General Comments

General:

- Met with Mitchell (New Gold) and Keith (Tulloch) to discuss re-work and tie in of P30, L2. New Gold comfortable using hydraulic conductivity for final approval and decided to skim the surface of L2 and mix material with the dozers opposed to cutting the lift to approximately 0.45m and bringing in new material to increase the depth back to 0.6m.

P30, L2:

- Dozers utilized to rework L2 by skimming a top layer of material and mixing/track packing the material below.
- Following rework of L2 CQA requested CQC complete a moisture check with the nuclear gauge prior to compaction to ensure the optimum moisture content of 20.6% was achieved. A moisture content of 21% was achieved and compaction was initiated with vibration to aid in bringing moisture to the surface.
- Small areas containing scattered dry spots among moist pliable material noted during compaction. CQA requested D488 be completed within the largest of these areas (approximately 6'x10') where a testing surface could be created. D488 yielded a 26.4% moisture content on the edge of the dry material. The dry spots noted appeared to have suitable material further below the surface and the area was flagged for borehole permeameter testing.
- Nuclear density testing yielded adequate results and the re-worked surface thickness was confirmed by CQC following survey. Hydraulic conductivity testing to be utilized for final approval.

P30, L3:

- CQA recommended utilizing moist material to place directly over top of L2 to aid in the re-hydration of any of any dry spots present in the reworked CCL.
- With areas of standing water still present in pockets of L3, operators mixed the wet spots with the previously placed L3 material for placement over L2.
- L3 placed at a reduced lift to promptly cover the reworked L2 before more NCL material began being hauled from the southern borrow source.

CQA Representative:

Brady Hay
Digitally signed by
Brady Hay
Date: 2022.07.02
14:47:29 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, survey. L3 material mixed prior to placement	No	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L2 compaction following rework



Photo #: 2

South edge of reworked area prior to being extended 1m for tie in



Photo #: 3

South edge of reworked area extended 1m into L3



Photo #: 4

D488

PHOTOGRAPHS



Photo #: 5

D488 material



Photo #: 6

P30, L2 rework and testing complete



Photo #: 7

Pockets of water on P30, L3 prior to mixing material



Photo #: 8

P30, L3 placed to cover reworked L2 material

Date:	July 2, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	18 9	Humidity	80 to 100%	Wind	Moderate
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	21 18	Humidity	40 to 60%	Wind	Low

General Comments

General:
 - Met with CQC to discuss minimum NCL testing frequencies prior to start of P30, L4 placement.

P30, L3:
 - Suitable NCL material continued to be hauled from the southern borrow source while L3 was brought to grade by the dozer.
 - L3 surveyed by CQC and proper lift thickness confirmed.

P30, L4:
 - L4 placement initiated near end of day with suitable NCL material continuing to be hauled from the southern borrow source.
 - L4 in progress.

CQA Representative:

Brady Hay
 Digitally signed by
 Brady Hay
 Date: 2022.07.03
 07:42:15 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
<input type="text" value="1"/>	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
<input type="text" value="2"/>	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Southern borrow area for NCL use



Photo #: 2

P30, L3 placement in progress

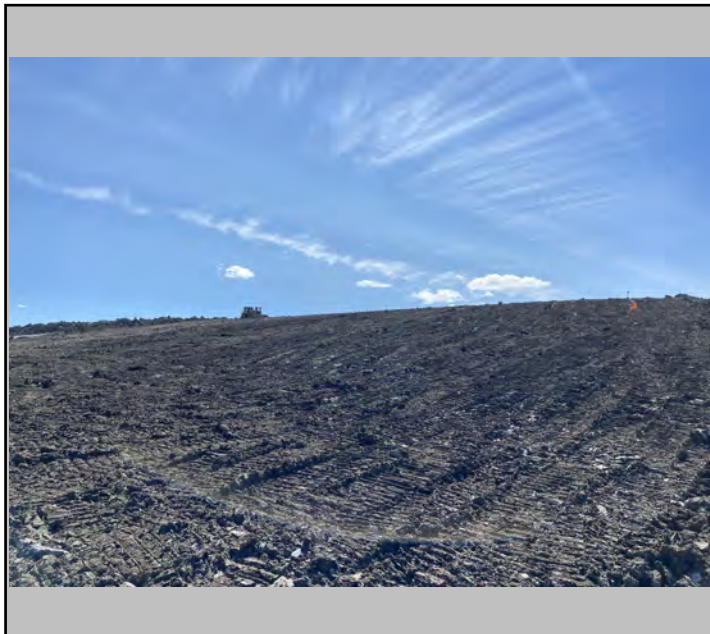


Photo #: 3

P30, L3 placed to grade

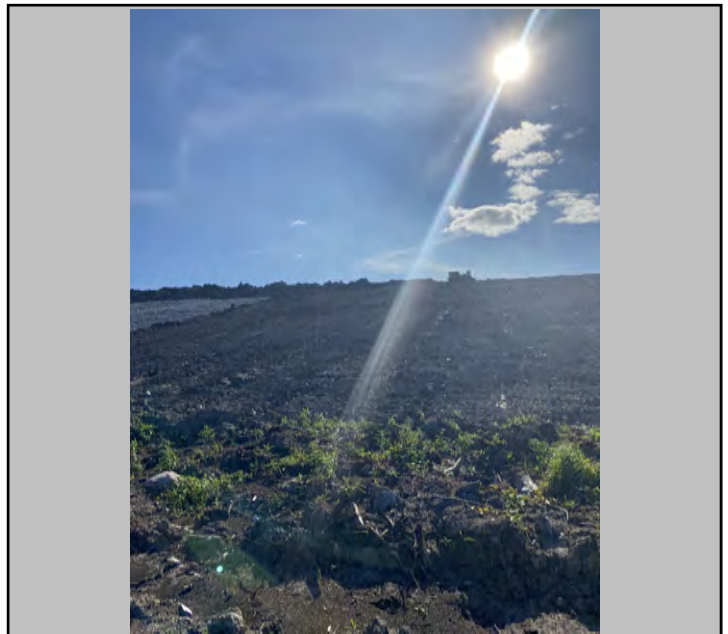


Photo #: 4

P30, L4 placement initiated near end of day

Date:	July 3, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>	Weather	Cloudy	Precipitation	0 - 5 mm
Temperature (High/Low)	19	10	Humidity	80 to 100%
			Wind	Low
<u>Afternoon Conditions</u>	Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	21	19	Humidity	40 to 60%
			Wind	Low

General Comments

General:

- Spoke with CQC to discuss haul trucks backing onto bench/crown of P30, L3 and over compacting previously placed NCL material. Subsequent loads were dumped further back.
- Spoke with Mitchell Hearn regarding the quality of the NCL material from the southern borrow source. Operators were able to find areas of material with lowered rock content while loading trucks for NCL use which appear suitable for CCL use if operators are selective during the loading process. CQA to meet with CQC to determine if any previous stockpile samples from the southern stockpile are still applicable or if a new sample should be taken preemptively.

P30, L4:

- L4 placement continued with suitable NCL material from the southern borrow source.
- L4 in progress.

CQA Representative:

Brady Hay
Digitally signed by
 Brady Hay
 Date: 2022.07.04
 08:38:42 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L4 placement in progress



Photo #: 2

P30, L4 material hauled from southern borrow area

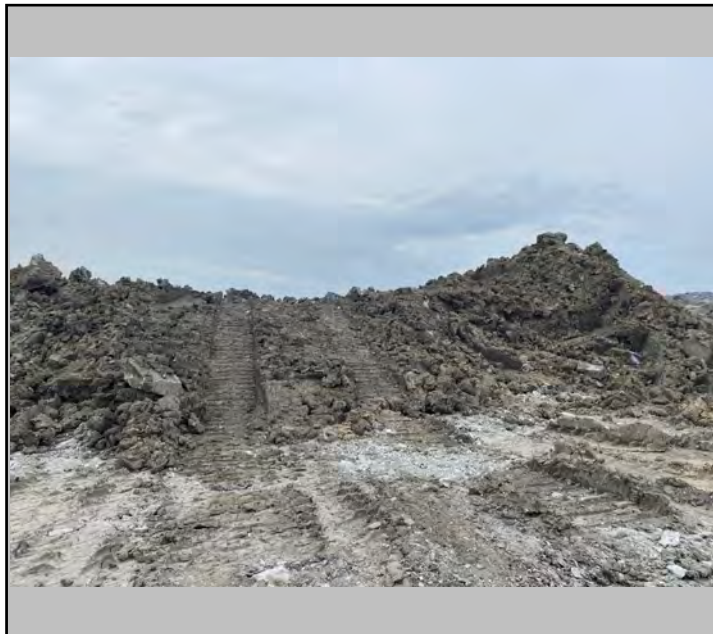


Photo #: 3

Area within southern stockpile with reduced rock content



Photo #: 4

Area within southern borrow area with large volume of stone

PHOTOGRAPHS



Photo #: 5

Area within southern stockpile with reduced rock content



Photo #: 6

Area within southern borrow area with large volume of stone



Photo #: 7

P30, L4 at end of day



Photo #:

Duplicate Page

Date:	July 4, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	19 16	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	20 19	Humidity	80 to 100%	Wind	Low

General Comments

General:

- Met with Mitchell (New Gold) and Keith (Tulloch) to view areas of the southern borrow source for potential use in CCL lifts. An area on the east edge of the stockpile (near P28) visually contained a smaller quantity of stone and appeared adequate for CCL use. The excavator was used to dig into the pile so stockpile sample 544 could be obtained. Upon sampling the material appeared grey, moist, and pliable. The material in the southern stockpile outside of the area for potential CCL use visually contains a high quantity of stone. Okane recommends still utilizing this material for NCL use only.

P30, L4:

- L4 placement continued with suitable NCL material from the southern borrow source.
- L4 in progress.

CQA Representative:

Brady Hay
Digitally signed by
 Brady Hay
 Date: 2022.07.05
 07:46:14 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
<input type="text" value="1"/>	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
<input type="text" value="2"/>	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L4 in progress



Photo #: 2

Eastern edge of southern borrow source for potential CCL use



Photo #: 3

S544 sampling location



Photo #: 4

S544 material

Date:	July 5, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	22 18	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	24 22	Humidity	40 to 60%	Wind	Low

General Comments

General:

- Previous evening rain resulted in wet conditions and areas of standing water on the recently placed P30, L4 material. As a result P31 placement was initiated while P30, L4 was given time to dry.
- Met with CQC to discuss tie in to P30 during P31, L1 placement. CQA recommended cutting back the south edge of P30 during the placement of P31, L1 in order to achieve adequate overlap between panels and avoid gaps in placement maps.

P31 Key Trench:

- Key trench dug to varying depths throughout the width of the panel with bedrock being reached consistently throughout. The depth of excavation became shallower while the trench progressed south as the elevation of the bedrock increased.
- Key trench excavation resulted in waste rock from the slope being piled outside the cover system due to the slope butting up to a topsoil berm. Following excavation the waste rock was removed by the excavator.

P31, L1:

- L1 placed with material previously stockpiled on the bench. After mixing the stockpiled material it appeared brownish grey, moist and pliable with dry areas noted on the top quarter of the panel. CQC marked the dry areas and the excavator was utilized to remove the dry material and replace the excavation with moist material from the stockpile.
- Following placement to grade operators were able to remove over sized stone with the excavator and fill in a low spot prior to compaction. Four passes with the roller was utilized on L1.
- Nuclear density testing yielded adequate results, and proper thickness was confirmed by CQC.

P30, L4:

- L4 left to dry throughout the day.
- Lift still in progress.

CQA Representative:

Digitally signed by
Brady Hay
 Date: 2022.07.06
 09:26:57 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P31, L1 tie in with P30



Photo #: 2

P31 key trench dug to varying depths with bedrock reached throughout



Photo #: 3

Shallow excavation at south end of key trench completed to bedrock



Photo #: 4

Excavator pulling back the bench/crown of P30 to ensure adequate overlap with P31, L1

PHOTOGRAPHS



Photo #: 5

Excavator replacing dry patches with moist material following over size stone removal



Photo #: 6

P31, L1 compaction



Photo #: 7

D488 material

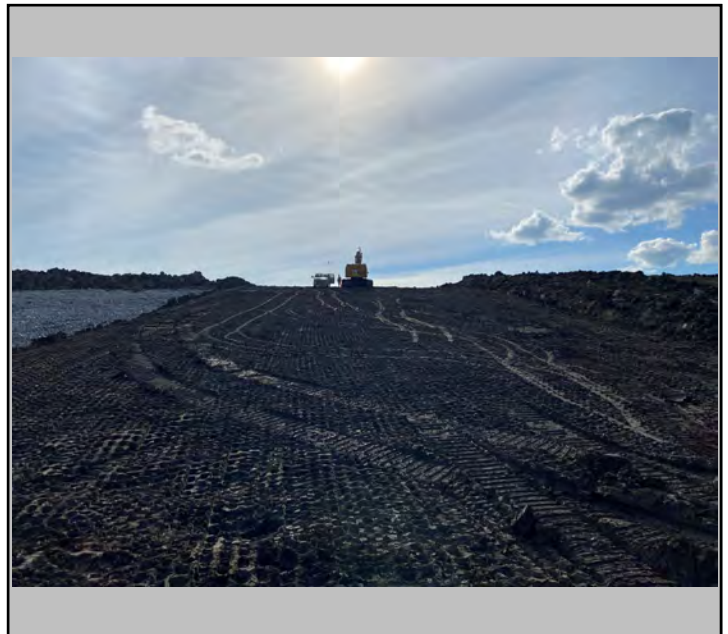


Photo #: 8

P31, L1 completed and tested

Duplicate Page

Date:	July 6, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	23 16	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	24 23	Humidity	40 to 60%	Wind	Moderate

General Comments

General:

- Spoke with CQC to discuss material loads from the southern borrow area. With material appearing to be more of a brenna mixture it varied visually from the material from the bench stockpile. While brenna material is acceptable for CCL use, the mixing of two visually different material sources could create difficulty obtaining consistent results throughout the lift.
- Spoke with CQC to discuss the appropriate proctor value for nuclear density testing of P31, L2 prior to lift completion. With material being sourced from different locations CQA recommended beginning with S538 as it was taken in the area where the majority of the P31, L2 material was sourced from (south half of material stockpiled on the bench).
- Excavator used to smooth areas of the waste rock surface south of P31 prior to Tulloch survey.

P31, L2:

- L2 completed with material from the stockpile on the bench as well as material from the previously mentioned potential CCL area of the southern borrow source. Despite S544 yielding favourable results, the loads of material from the southern borrow area appeared brown with patches of silty material. Instead of continuing to haul material until the centre of the stockpile could be reached the decision was made to complete the lift with the remaining material from the bench stockpile that was initially used to aid in creating a homogeneous lift.
- Upon completion L2 material appeared brownish grey, moist, and pliable with little stone content. Four passes with the roller was completed for L2.
- Nuclear density testing yielded similar results to L1, with moisture contents exceeding +4% of optimum according to the most representative proctor in some areas. Upon in-situ analysis by CQA the material did not appear wet and was able to be adequately rolled and ribboned. Proper thickness confirmed by CQC.

P30, L4:

- Lift still in progress.

CQA Representative:

Brady Hay
Digitally signed by
Brady Hay
Date: 2022.07.07
09:16:35 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P31, L2 initiated with material stockpiled on the bench



Photo #: 2

material from stockpile on the bench



Photo #: 3

Material from from southern borrow area

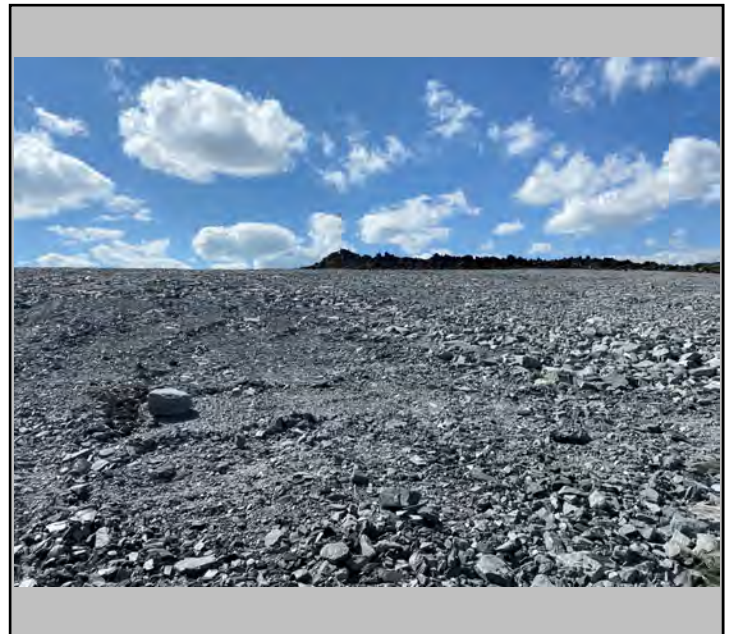


Photo #: 4

Waste rock surface smoothed by excavator prior to Tulloch survey

Duplicate Page

PHOTOGRAPHS



Photo #: 5

P31, L2 compaction in progress



Photo #: 6

D497 material

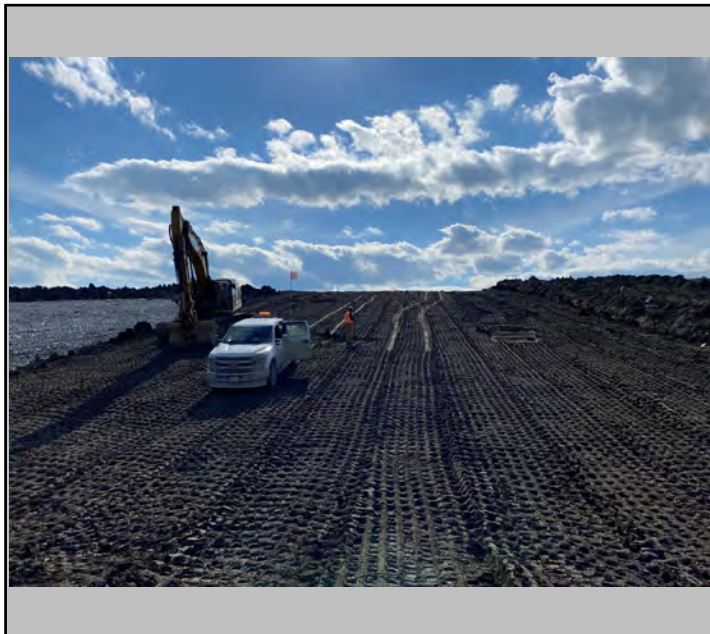


Photo #: 7

P31, L2 completed and tested



Photo #:

Date:	July 7, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Cloudy	Precipitation	0 mm	
Temperature (High/Low)	20	17	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	24	20	Humidity	40 to 60%	Wind	Moderate

General Comments

General:

- Downloads for cover trial monitoring stations P1 & P2 and a voltage check of P2 completed.
- Material from the southern borrow source began to be stockpiled on the bench of P30 intermittently in preparation of resuming L4 placement.

P31, L3:

- L3 placed at a reduced depth to cover the entirety of L2 prior to being raised to grade.
- L3 completed with suitable NCL material hauled from the southern borrow source.

P30, L4:

- L4 placement resumed near end of day with suitable NCL material from the southern borrow area following the completion of P31, L3.
- Lift still in progress.

CQA Representative:

Brady Hay
Digitally signed by
 Brady Hay
 Date: 2022.07.08
 07:56:03 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
<input type="text" value="1"/>	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
<input type="text" value="2"/>	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:
<input type="text"/>				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P31, L3 placement in progress



Photo #: 2

NCL material stockpiled on P30 bench
intermittently



Photo #: 3

P31, L3 placed to grade

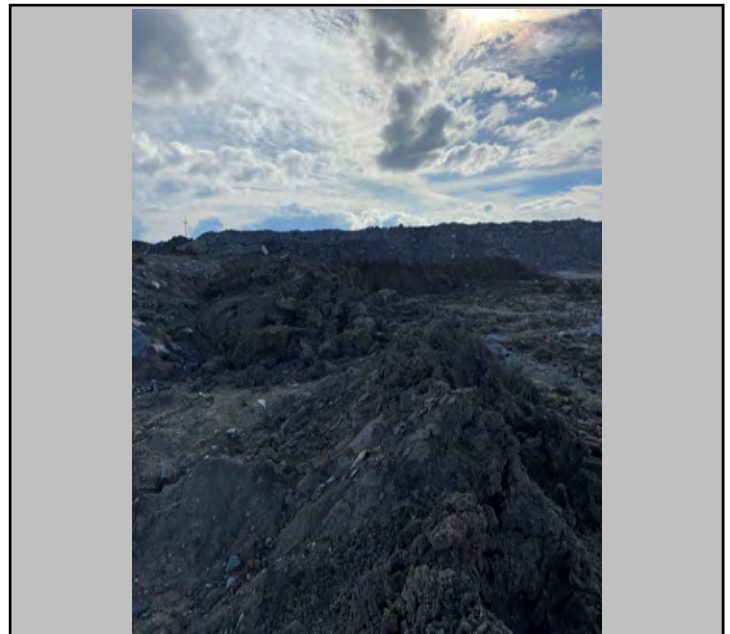


Photo #: 4

Progress into southern borrow source

Date:	July 8, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	24	16	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm	
Temperature (High/Low)	26	24	Humidity	20 to 40%	Wind	Low

General Comments

General:

- Download for waste rock monitoring station T1_SS2 completed and new program uploaded.
- Met with New Gold and Tulloch on the EMRS to discuss the possibility of reducing the bench size in the current work area from 20m to 10m. Okane had no issue with the proposal as 10m is a large enough bench size to allow for adequate tie in with subsequent lifts. Following internal discussions with mine-ops New Gold decided to continue with the current bench size.
- Spoke with Mitchell Hearn regarding large pieces of waste rock located at the toe of the slopes south of P31 as they will likely pose an issue during key trenching moving forward.

P31, L3:

- L3 surveyed and proper thickness confirmed by CQC.

P30, L4:

- L4 placement continued with suitable NCL material from the southern borrow source.
- Lift still in progress.

CQA Representative:

Brady Hay
Digitally signed by
Brady Hay
Date: 2022.07.09
07:29:56 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
				Choose:	Choose:
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P30, L4 in progress



Photo #: 2

Waste rock piled at toe of slope



Photo #: 3

P30, L4 at end of day



Photo #: 4

Progression into southern borrow source at end of day

Date:	July 9, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	24 14	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	27 24	Humidity	40 to 60%	Wind	Low

General Comments

General:

- Met with CQC to discuss P30, L4 following completion to grade. CQA noted areas of raised material at the toe to be flattened and excess coverage required on the north end of P30 to protect CCL material while construction progresses south.
- Elevation of topsoil berm greater than that of L4 in areas resulting in potential difficulty achieving drainage off the cover system. Once the raised material at P30 toe is flattened, P30 is to be monitored to evaluate runoff.

P31, L4:

- Material from southern borrow area stockpiled on the bench during P30, L4 placement.
- Placement of L4 started with stockpiled material near end of day.

P30, L4:

- L4 placed to grade with suitable NCL material from the southern borrow source. Excess stockpiled material was pushed further past the bench.
- Dozer utilized to slope material on the north edge of P30 to provide coverage for CCL material up to the burrito. Excess material where the dozer stopped still requires blending in.
- Raised material at the toe of P30 still present.

CQA Representative:

Brady Hay
Digitally signed by
Brady Hay
Date: 2022.07.10
09:13:52 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	P30 toe to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Haul truck stockpiling material for P31, L4



Photo #: 2

P31, L4 placement initiated near end of day



Photo #: 3

North end of P30 prior to coverage

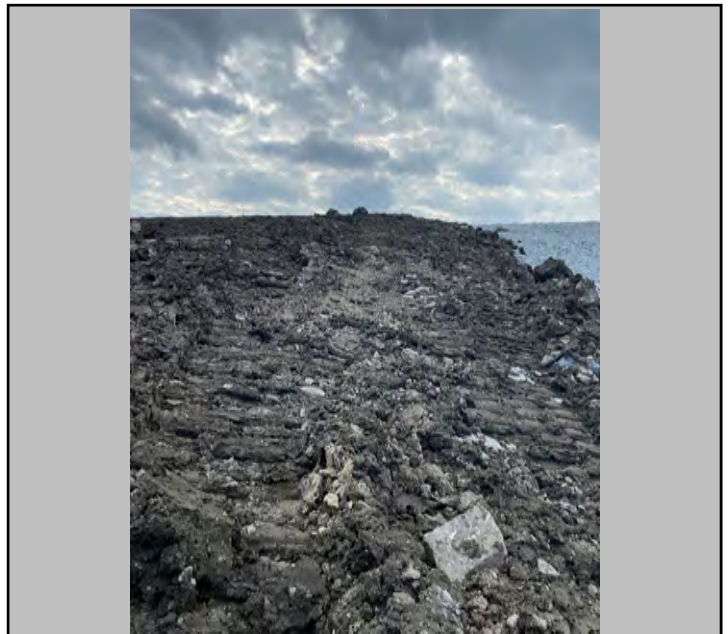


Photo #: 4

North end of P30 following coverage

PHOTOGRAPHS



Photo #: 5

Raised material noted at P30 toe



Photo #: 6

Progression into southern borrow area

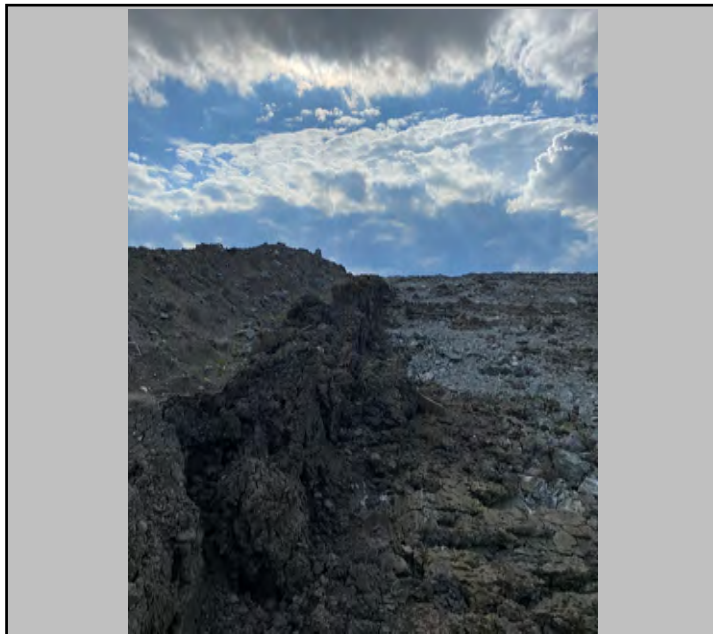


Photo #: 7

Material removed up to edge of P28 fro NCL use



Photo #:

Date:	July 10, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 5

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Rain	Precipitation	0 - 5 mm	
Temperature (High/Low)	24	22	Humidity	80 to 100%	Wind	High
<u>Afternoon Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm	
Temperature (High/Low)	26	24	Humidity	60 to 80%	Wind	Moderate

General Comments

General:

- Met with CQC to discuss the specifics of the work required at the toe of P30.
- Spoke with Mitchell Hearn to discuss the increased elevation of the topsoil berm progressing south.
- Excavator and wiggler utilized to remove piled waste rock from the toe between P31 and P29 while material was given time to dry.
- Rain occurring at end of day once P31, L4 placement had ceased. Conditions to be reassessed tomorrow with further rain in the forecast.

P31, L4:

- Material from southern borrow area stockpiled on the bench of P30.
- L4 placement resumed towards end of day after material was given time to dry following morning rain.

P30, L4:

- Dozer blended in areas of raised material at the toe prior to stand down due to lighting proximity and rain at 11:00.
- Once able to resume the excavator was utilized to blend in an area off excess material at the burrito into L4.
- L4 surveyed by CQC and proper thickness confirmed.

CQA Representative:

Brady Hay
Digitally signed by
Brady Hay
Date: 2022.07.11
07:50:18 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	P30 toe to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Haul truck stockpiling material fro P31, L4



Photo #: 2

Raised material at toe flattened and blended in by dozer



Photo #: 3

Standing water at P31 toe following rain

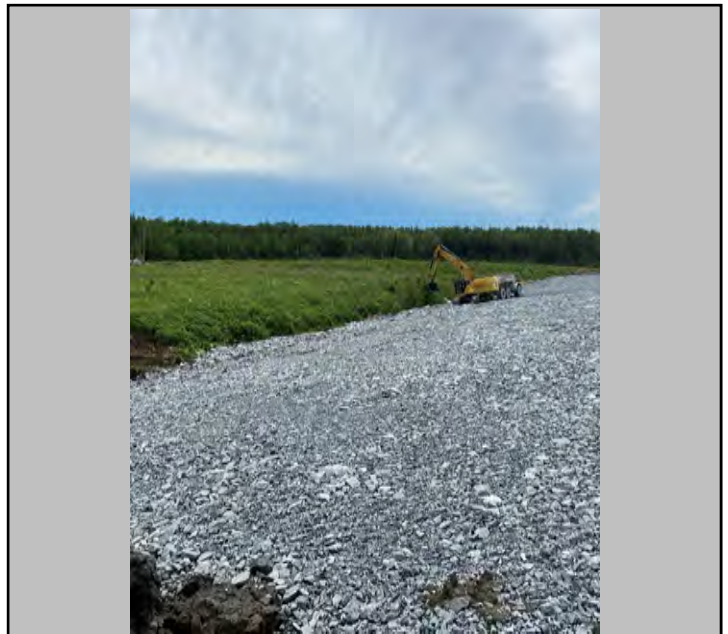


Photo #: 4

Excavator removing piled waste rock from toe south of P31

PHOTOGRAPHS



Photo #: 5

Waste rock removed prior to further key trenching



Photo #: 6

Excess material near burrito blended in with excavator



Photo #: 7

P31, L3 after being given time to dry prior to placement

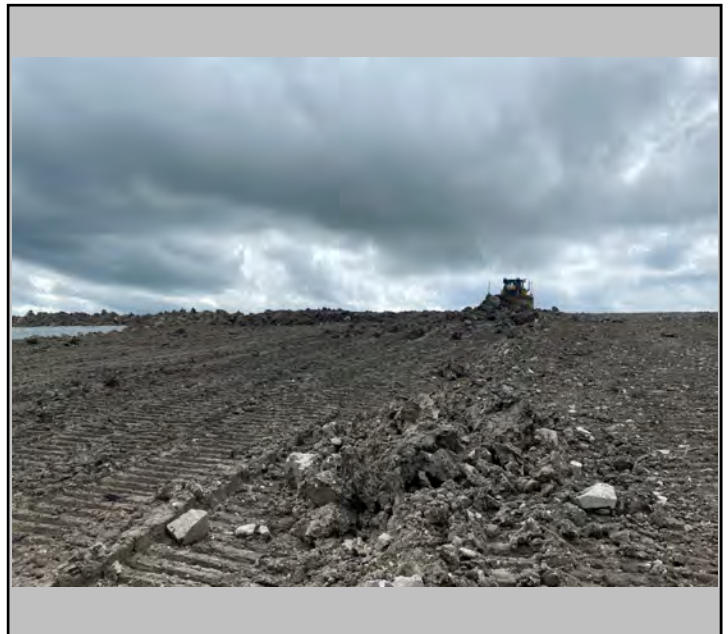


Photo #: 8

P31, L4 placement

Duplicate Page

PHOTOGRAPHS



Photo #: 9

P30, L4

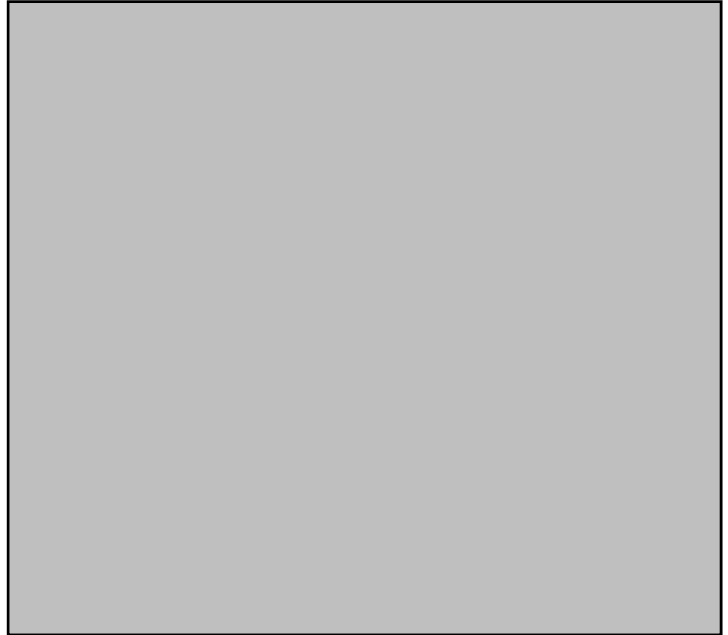


Photo #:



Photo #:



Photo #:

Date:	July 11, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Rain	Precipitation	0 - 5 mm
Temperature (High/Low)	18 16	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	19 18	Humidity	80 to 100%	Wind	Moderate

General Comments

General:

- Wet conditions left material unworkable resulting in no cover construction being completed on the EMRS.
- P31 to be evaluated tomorrow morning.

P31, L3:

- Standing water present in track marks throughout the exposed areas of L3 with large puddles present at the toe.

P31, L4:

- Standing water present in track marks of previously placed L4.

CQA Representative:

Brady Hay
Digitally signed by
 Brady Hay
 Date: 2022.07.12
 08:16:40 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P31, L4 at end of day



Photo #: 2

P31, L3 at end of day



Photo #: 3

P30 toe



Photo #:

Date:	July 12, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	22 13	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Rain	Precipitation	0 - 5 mm
Temperature (High/Low)	23 22	Humidity	80 to 100%	Wind	Moderate

General Comments

General:

- Spoke with Mitchell Hearn to discuss material from the southern borrow area while it was being stockpiled for P31 NCL use. The material appeared to have a lower amount of stone content and CQA informed New Gold of the material conditions. A stockpile sample was taken from the material in the event the material is utilized in P32 CCL.
- Hydraulic conductivity testing locations marked by CQA in preparation for installation once P30 is dry enough for equipment to safely excavate down to CCL.

P31, L3:

- L3 track packed by dozer to aid in the drying process of the lift.
- The excavator was utilized to drain standing water off of L3 to the north and south.

P31, L4:

- L4 track packed by dozer to aid in the drying process of the lift.

CQA Representative:

Brady Hay
Digitally signed by
 Brady Hay
 Date: 2022.07.13
 08:00:25 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/ track packed before re-compaction, retesting, and survey. L3 material mixed prior to placement.	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P31, L4 morning conditions



Photo #: 2

P31, L3 morning conditions

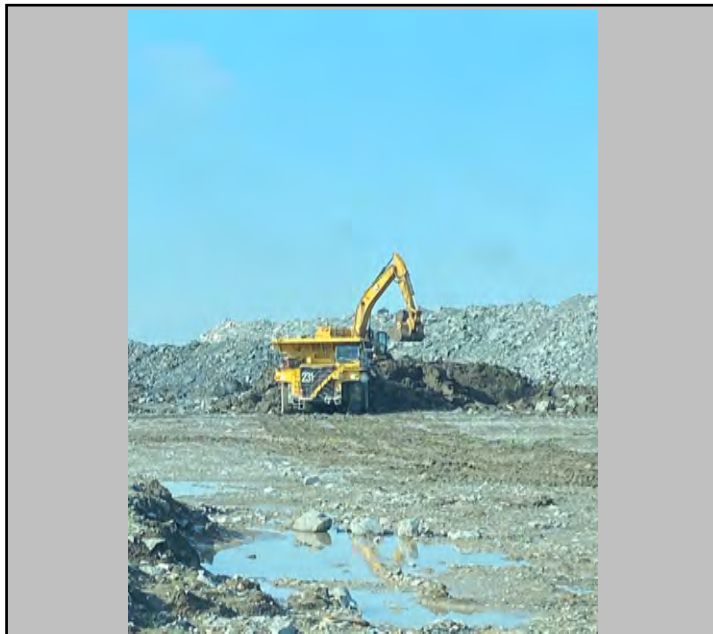


Photo #: 3

Excavator loading haul truck with remaining material from southern borrow area



Photo #:

Stockpile S558

PHOTOGRAPHS



Photo #: 5

S558 material



Photo #: 6

Excavator draining standing water from P31, L3 toe



Photo #: 7

P31, L4 end of day conditions



Photo #: 8

P31, L3 end of day conditions

Date:	July 13, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	20 14	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	24 20	Humidity	40 to 60%	Wind	Low

General Comments

General:

- P32 initiated while P31 NCL material was given further time to dry.
- Excavator utilized at the borrow area to load trucks and at P32 to key trench and remove over size stone from P32, L1.

P31, L3:

- L3 material given time to dry sufficiently in the morning before coverage with L4. With areas of standing water still present at the toe CQA requested the area be track packed/mixed prior to coverage if L4 reached the toe prior to the end of day.

P31, L4:

- L4 placement resumed in the afternoon following the placement of P32, L1 after being given time to dry further.

P32 Key Trench:

- Key trench dug to bedrock at varying depths with the exception of an approximately 6m stretch where suitable tie in material was reached.
- Dozers utilized to push back the topsoil berm past the key trench following placement of L1 to aid in adequate runoff once P32 is completed.

P32, L1:

- L1 initiated with material from the same borrow area as P31 and material from the southern borrow area.
- Material appeared brownish grey, moist, and pliable with a moderate amount of over size stone.
- Dozers utilized to create sufficient overlap with P31 for adequate tie in.
- Extra loads of material needed to bring the bench up to the proper depth. Compaction of the slope was completed while the bench placement was in progress. Compaction of the bench was then completed at the end of day.
- Several pieces of over size stone marked by CQA and removed by the excavator prior to compaction being completed with four passes of the roller. Some marked pieces still remained at the end of day and are to be removed during the testing process.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.07.14 08:20:15 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P32, L1 initiated



Photo #: 2

P32, L1 tied into P31



Photo #: 3

P32 key trench



Photo #: 4

Topsoil berm pushed back with dozers

PHOTOGRAPHS



Photo #: 5

P31, L4 placement



Photo #: 6

P32, L1 compaction



Photo #: 7

P32 at end of day



Photo #: 8

P32 borrow area

Date:	July 14, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	21 13	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	24 21	Humidity	40 to 60%	Wind	Moderate

General Comments

General:

- P32 compaction testing began in the morning.
- Excavator utilized at the borrow area to load trucks and second excavator brought to EMRS. reclamation area for oversize rock removal, borehole permeameter excavation, and compaction testing.
- Borehole permeameter EMRS22_BP_P30_L2_B27_220714 casing installed and wet-up in Panel 30.
- Borehole permeameter EMRS22_BP_P30_L2_B28_220714 casing installed and wet-up in Panel 30.

P31, L4:

- L4 placement and grading continued throughout the morning. Toe grading was completed to assist in achieving positive drainage off the cover system.

P32, L1:

- Material testing was completed in the morning. Material appeared brownish grey, very moist, and pliable with some over size stone marked for removal.
- With several proctors available from the borrow area, the proctor believed to be most representative of the material utilized for P32, L1 was selected for compaction testing.
- Compaction testing produced satisfactory results and any additional oversized rock was removed following compaction testing.
- Lift fully covered by EOD.

P32, L2:

- Material continued to be hauled from the borrow source for use in L2. Material appeared dark grey, very moist, and was able to be rolled into a thin thread. There was a low amount of oversize rock noted.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.07.15 07:54:48 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P32, L1 density testing



Photo #: 2

Repair following oversize rock removal from P32,
L1



Photo #: 3

EMRS22_BP_P30_L2_B27_220714 casing
installed



Photo #: 4

P31, L4 toe grading

PHOTOGRAPHS

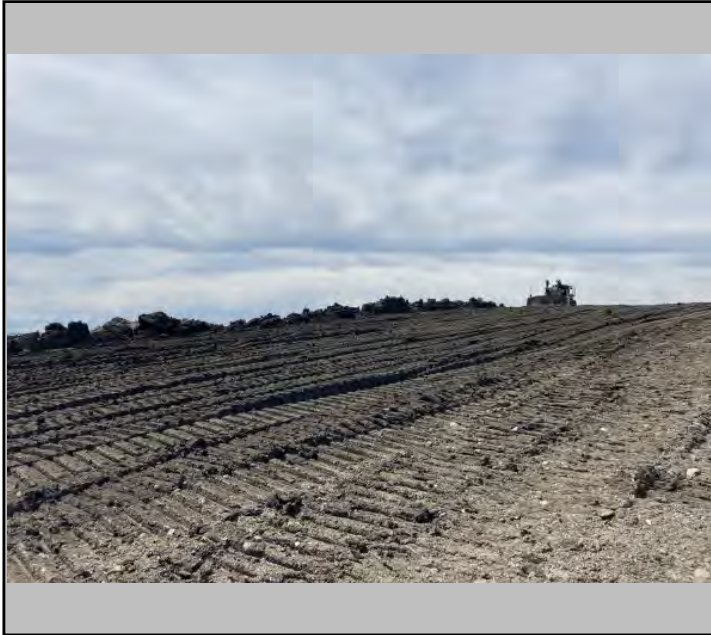


Photo #: 5

P31, L4 nearing completion



Photo #: 6

Material used in P32, L2 very pliable



Photo #: 7

P32, L2 placement



Photo #: 8

P32, L2 fully covering L32, L1 by EOD

Date:	July 15, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	226 15	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	33 26	Humidity	40 to 60%	Wind	Low

General Comments

General:

- P32 L2 compaction testing began in the late morning.
- Borehole permeameter EMRS22_BP_P30_L2_B27_220714 currently running.
- Borehole permeameter EMRS22_BP_P30_L2_B28_220714 currently running.

P31, L4:

- Final toe grading of L4 still required

P32, L2:

- Material continued to be hauled from the borrow source as L1. Material appeared dark grey, very moist, and was able to be rolled into a thin thread. There was a low amount of oversize rock noted.
- Compaction of the lift completed in the late morning. Material appeared very moist, but the compactor was establishing sufficient depth with the sheepfoot.
- Compaction testing yielded similar results to P32, L1, indicating high moisture contents.
- Approximately half of the lift was covered by EOD.

P32, L3:

- Material appeared to be dark grey, very moist, and was actively hauled from the same Northern borrow source used in L1 and L2.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.07.16 07:12:10 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P32, L2 compaction



Photo #: 2

P32, L2, post-compaction



Photo #: 3

Sheepsfoot roller depth throughout P32, L2

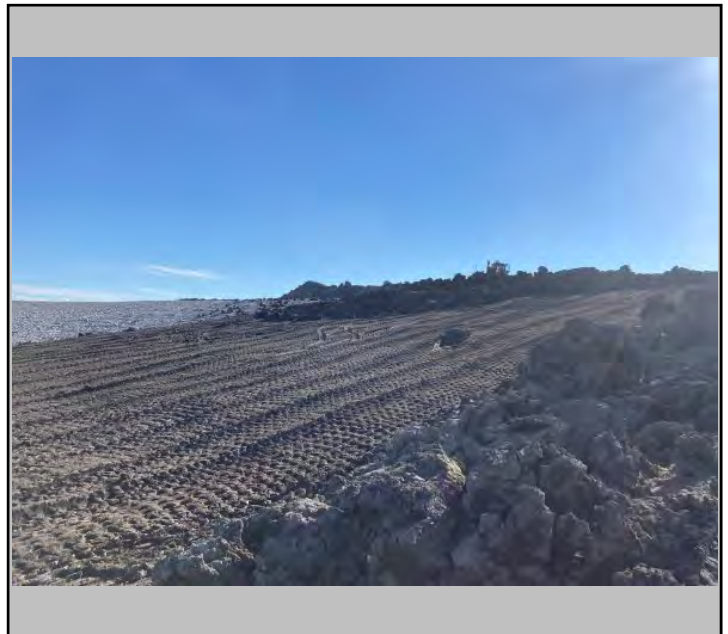


Photo #: 4

P32, L3 covering approximately half of P32, L2
by EOD

Date:	July 16, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Cloudy	Precipitation	0 mm	
Temperature (High/Low)	28	22	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Rain	Precipitation	5 - 10 mm	
Temperature (High/Low)	28	27	Humidity	60 to 80%	Wind	Moderate

General Comments

General:

- Borehole permeameter EMRS22_BP_P30_L2_B27_220714 currently running.
- Borehole permeameter EMRS22_BP_P30_L2_B28_220714 currently running.
- Intense rainfall and lightning stand-down occurred from approximately 2:45pm to 3:30pm
- Operations ceased following rainfall due to material being very wet and unworkable.

P31, L4:

- Final toe grading of L4 still required.

P32, L3:

- Material placement occurred for the morning with very wet material hauled from North Stockpile.
- Material was too moist for the dozers to traffic and the decision was made to switch to the Central Stockpile, which was drier.
- P32, L2 fully covered by the afternoon.

P33, L1:

- Material actively hauled from Central Stockpile.
- Discussed which material testing had been completed in this area with CQC. It was determined that most of the material in P30, and P31 CCL was from this location.
- An additional test pit was dug further into the stockpile to take an additional Proctor sample and view material quality.
- Material was dark grey with streaks of lighter brown material and moist.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.07.17 07:24:38 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P32, L3 placement



Photo #: 2

Central Stockpile material used for part of P32,
L3 and all of P33, L1



Photo #: 3

P33, L1 material following rainfall



Photo #: 4

P32, L3 material following rainfall

Date:	July 17, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	29	24	Humidity	40 to 60%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm	
Temperature (High/Low)	33	30	Humidity	40 to 60%	Wind	Low

General Comments

General:

- Borehole permeameter EMRS22_BP_P30_L2_B27_220714 currently running.
- Borehole permeameter EMRS22_BP_P30_L2_B28_220714 currently running.
- Operations did not begin until mid-afternoon due to previous rainfall

P31, L4:

- Final toe grading of L4 still required.

P32, L3:

- Final grade needs to be achieved once material has dried sufficiently.

P33, L1:

- Material actively hauled from Central Stockpile.
- Material was dark grey with streaks of lighter brown material and moist.

P33 Key Trench

- Key trench reached bedrock consistently throughout the panel.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.07.18 07:28:17 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Standing water at toe of P30



Photo #: 2

Standing water at toe of P32, L3



Photo #: 3

P33 key trench

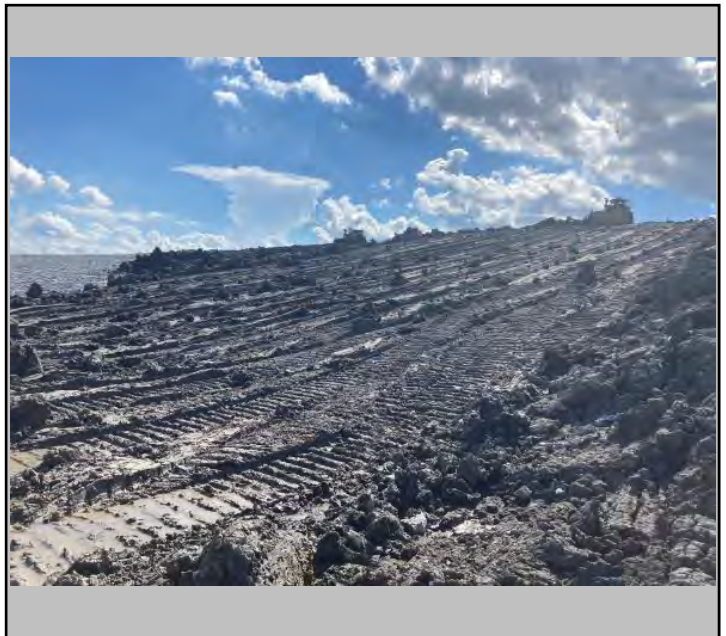


Photo #: 4

P32, L3

PHOTOGRAPHS



Photo #: 5

P33, L1 placement



Photo #: 6

P33, L1 placement

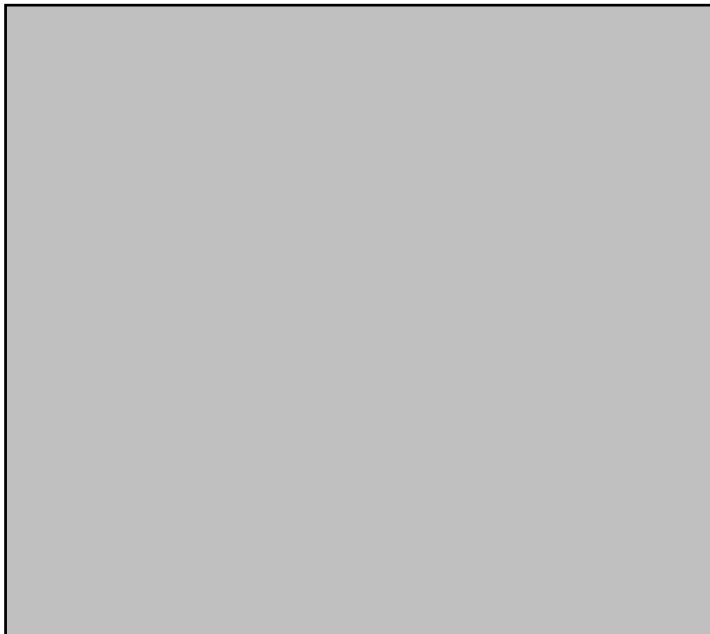


Photo #:

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Photo #:

Empty text box for description of photograph 8.

Duplicate Page

Date:	July 18, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Rain	Precipitation	5 - 10 mm
Temperature (High/Low)	25 20	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 - 5 mm
Temperature (High/Low)	31 25	Humidity	60 to 80%	Wind	Low

General Comments

General:

- Borehole permeameter EMRS22_BP_P30_L2_B27_220714 blown over during storm. Will resume test when construction restarts.
- Borehole permeameter EMRS22_BP_P30_L2_B28_220714 currently running.
- No operations in EMRS due to overnight and morning rainfall.
- Standing water present on slope; with pooling at toe of slope.

P33 Key Trench

- Key trench filled with water.

CQA Representative:

Blaine
Digitally signed by Blake Weinrauch
Date: 2022.07.19 06:49:37 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Very wet P33, L1 material, with standing water at toe of P32, L3

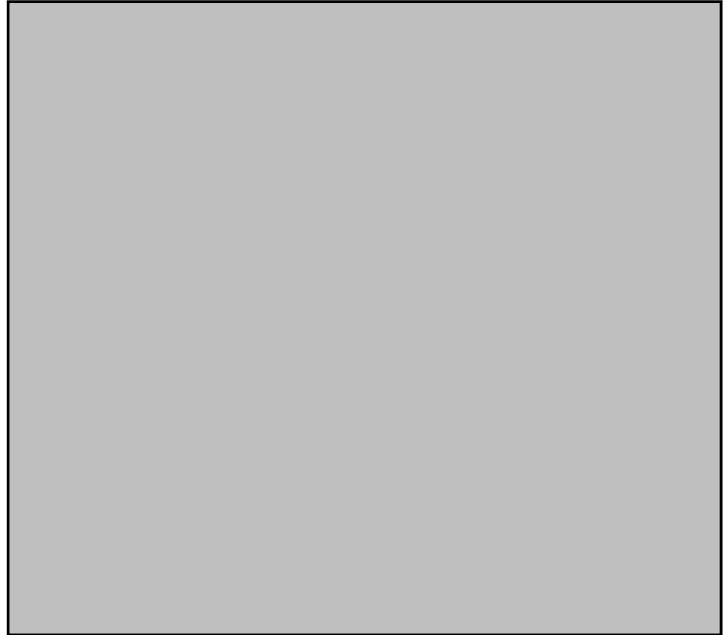


Photo #:



Photo #:



Photo #:

Date:	July 19, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Cloudy	Precipitation	0 mm	
Temperature (High/Low)	29	22	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Rain	Precipitation	5 - 10 mm	
Temperature (High/Low)	29	21	Humidity	60 to 80%	Wind	Low

General Comments

General:

- Borehole permeameter EMRS22_BP_P30_L2_B28_220714 currently running.
- No operations in EMRS due to overnight and daily rainfall.
- Standing water present on slope; with pooling at toe of slope.

P33 Key Trench

- Key trench filled with water.

CQA Representative:

Blaine
Digitally signed by Blake Weinrauch
Date: 2022.07.20 06:50:07 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Standing water at toe of P32, L3



Photo #: 2

P32, L3 material very wet



Photo #: 3

P33 key trench



Photo #: 4

P33, L1 material

Date:	July 20, 2022	Owner/Client:	New Gold Inc.
Day:	Wednesday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Cloudy	Precipitation	0 mm
Temperature (High/Low)	25 21	Humidity	60 to 80%	Wind	Moderate
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	28 26	Humidity	40 to 60%	Wind	Moderate

General Comments

General:

- Borehole permeameter EMRS22_BP_P30_L2_B28_220714 currently running.
- No operations in EMRS due to previous days rainfall.
- Excavator operator present in the afternoon to create some drainage channels for standing water off of the toe of the cover system
- Excavator also created two new test pits adjacent to where EMRS22_BP_P30_L2_B27_220714 and EMRS22_BP_P30_L2_B28_220714 were installed for new tests to be set up. Previous test pits had become completely filled with water, potentially impacting hydraulic conductivity testing. New test pits were created with positive drainage to prevent any future rainfall from accumulating in pits.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.07.21 07:13:11 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P32, L3 material



Photo #: 2

P33, L1 material.



Photo #: 3

Draining water from toe of P33, L1



Photo #: 4

New test pit dug beside
EMRS22_BP_P30_L2_B28_220714

PHOTOGRAPHS



Photo #: 5

New test pit dug beside
EMRS22_BP_P30_L2_B27_220714



Photo #: 6

P32, L3 drainage



Photo #:

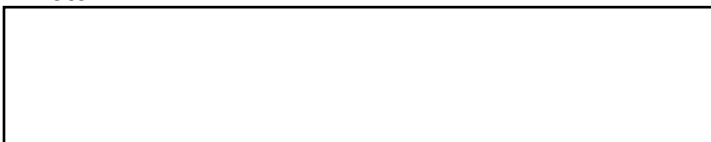
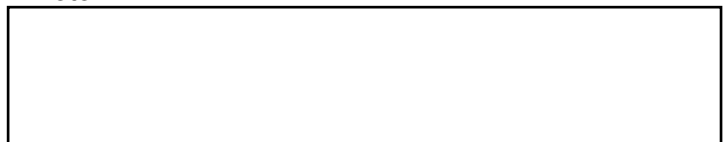


Photo #:



Date:	July 21, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	26 18	Humidity	40 to 60%	Wind	Moderate
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	27 26	Humidity	40 to 60%	Wind	High

General Comments

General:

- Discussed drainage of standing water at the toe of P30, P31, and P32. Marked out the end of the key trench for operators to establish positive drainage.
- Material actively hauled from the center stockpile for use in P33, L1; P32, L3; and stockpiled for use in P32, L4.

P31, L4:

- Final toe grading completed. Tulloch completed survey to confirm lift thickness.

P32, L3:

- Continued placement of L3. Material was very moist and there was significant standing water still present at the toe, Material was pushed onto the toe to bring the lift to grade, remove excess water, and improve trafficability.

P33, L1:

- NG operator performed track packing to speed up the drying process of the material. Material was very moist, with some surface drying, and was dark grey in colour with streaks of light brown material present. Minimal rock present.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.07.22 06:52:38 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P31, L4 toe grading



Photo #: 2

P32, L3 placement

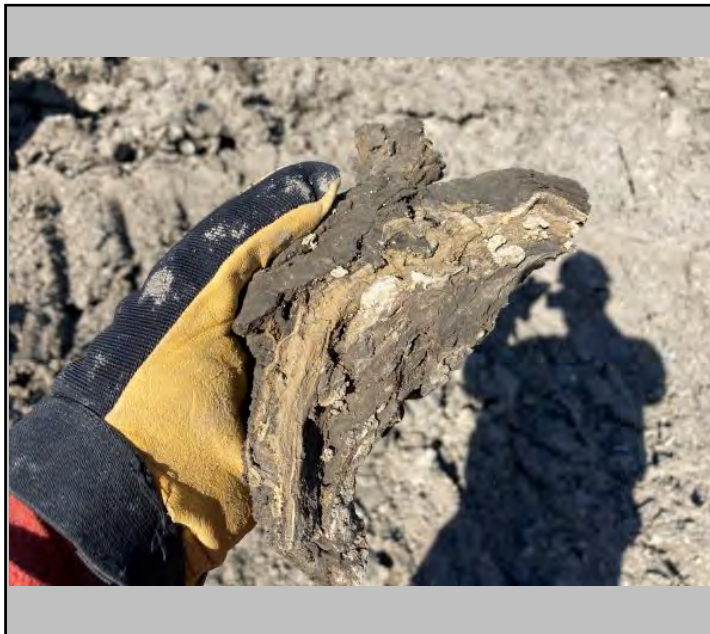


Photo #: 3

Material used in P33, L1. Dark grey with streaks of lighter brown material present



Photo #: 4

P33, L1 placement

Date:	July 22, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	27 18	Humidity	40 to 60%	Wind	High
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	28 27	Humidity	40 to 60%	Wind	High

General Comments

General:

- Began hydraulic conductivity re-testing on P30. Test EMRS22_BP_P30_L2_B29_220721 began recording and test EMRS22_BP_P30_L2_B30_220722 casing was installed and wet up.


P33, L1:

- Final grading of lift was completed and any oversize rocks were marked for removal. Upon removal of oversize rocks and replacement of competent material, P33, L1 was compacted and tested. Material testing on P33, L1 showed sufficient compaction had been reached, and moisture contents were wet of optimum.

P33, L2:

- Material continued to be hauled from central stockpile. The better quality material was stockpiled for use in P33, L2, and lower quality material was stockpiled for use in P32, L3 and L4.
- Material appeared dark grey with streaks of lighter brown material, and moist. L2 was placed at a reduced thickness across all of P33, L1 to reduce surface drying.

CQA Representative:

 Digitally signed by Blake Weinrauch
Date: 2022.07.23 06:59:54 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P33, L1 placement



Photo #: 2

P33, L3 compacted



Photo #: 3

P33, L2 placement at reduced thickness



Photo #:

Date:	July 23, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Rain	Precipitation	5 - 10 mm
Temperature (High/Low)	18 17	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Showers	Precipitation	5 - 10 mm
Temperature (High/Low)	24 18	Humidity	60 to 80%	Wind	Low

General Comments

General:

- EMRS22_BP_P30_L2_B29_220721 currently recording.
- EMRS22_BP_P30_L2_B30_220722 installed and is currently recording

P33, L2:

- Material switched to being hauled from Northern stockpile. Material was visibly wet, and difficult to traffic. Minimal placement completed, some material stockpiled at crest of slope and ready for placement after drying.

P32, L3:

- Minimal placement of existing stockpiled material on the crest before rain began.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.07.24 06:48:09 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS

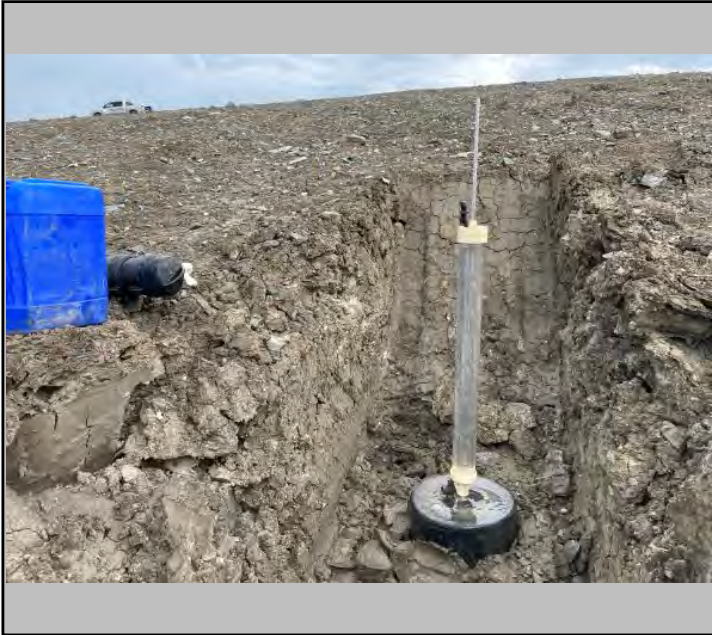


Photo #: 1

EMRS22_BP_P30_L2_B30_220722 installed and recording

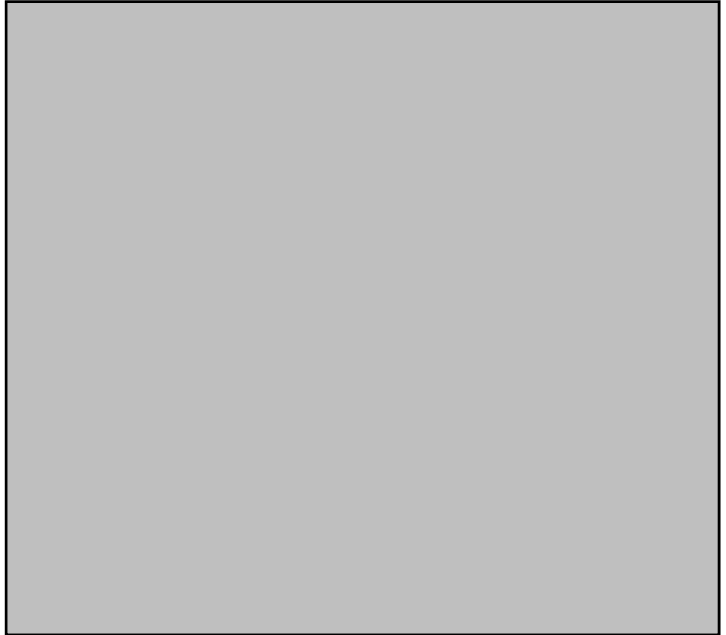


Photo #:



Photo #:



Photo #:

Date:	July 24, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Cloudy	Precipitation	0 mm	
Temperature (High/Low)	18	15	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	21	19	Humidity	40 to 60%	Wind	Moderate

General Comments

General:

- EMRS22_BP_P30_L2_B29_220721 currently recording.
- EMRS22_BP_P30_L2_B30_220722 currently recording.
- Excavator present on site to create drainage pathways on toe of P32 and P33.
- No other active operations at EMRS due to wet material.

CQA Representative:

Blaine
Digitally signed by Blake Weinrauch
Date: 2022.07.25 06:35:06 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P32, L3 slope



Photo #: 2

P32, L3 toe



Photo #: 3

P33, L2 slope



Photo #: 4

P33, L2 toe

Date:	July 25, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	22 12	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	24 22	Humidity	40 to 60%	Wind	Low

General Comments

General:

- EMRS22_BP_P30_L2_B29_220721 currently recording.
- EMRS22_BP_P30_L2_B30_220722 currently recording.
- Operations ceased in early afternoon due to wet material.
- Frost found within Northern stockpile
- Additional material was stockpiled where P34 will be located to promote drying/use all available material

P32, L3:

- Final grading completed. Tulloch surveyed and confirmed appropriate lift thickness

P32, L4:

- Material actively hauled from North stockpile for use in P32, L4. Sandier/siltier loads of material used for L4.

P33, L2:

- Material actively hauled from North stockpile. Less sandy/silty loads were used for L2.
- Material appeared very moist, and dark brown with some streaks of light brown. Minimal rocks present.

CQA Representative:

Digitally signed by Blake Weinrauch
Date: 2022.07.26 07:03:13 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P32, L4 placement



Photo #: 2

P33, L2 placement



Photo #: 3

Material dumped at crest for P34



Photo #:

Date:	July 26, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm	
Temperature (High/Low)	19	17	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	25	19	Humidity	40 to 60%	Wind	Low

General Comments

General:

- EMRS22_BP_P30_L2_B29_220721 currently recording.
- EMRS22_BP_P30_L2_B30_220722 currently recording.
- No operations in EMRS due to wet material

CQA Representative:

Blaine
Digitally signed by Blake Weinrauch
Date: 2022.07.27 06:44:10 -06'00'
Adobe Acrobat version: 11.0.23

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P33, L2 placement

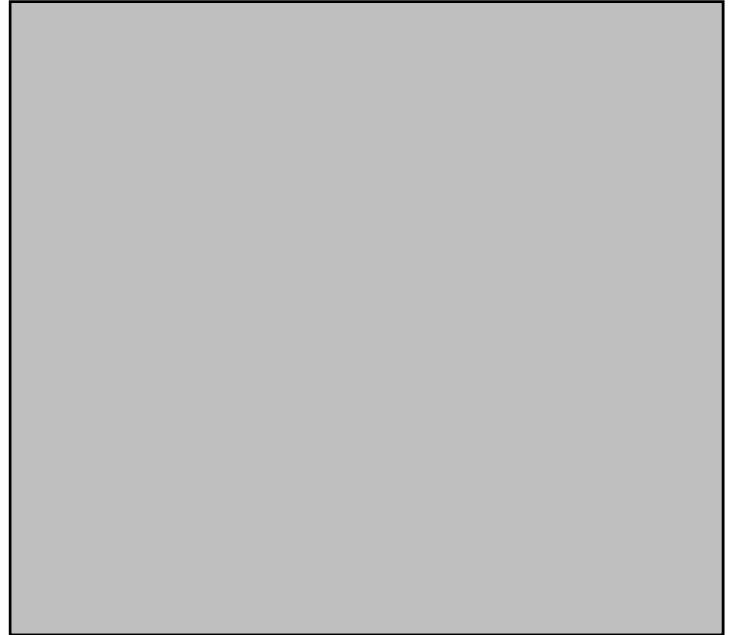


Photo #:



Photo #:



Photo #:

Date:	July 26, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-223
Prepared by:	Blake Weinrauch	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	22 14	Humidity	40 to 60%	Wind	Moderate
<u>Afternoon Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	23 16	Humidity	80 to 100%	Wind	High

General Comments

General:

- EMRS22_BP_P30_L2_B29_220721 currently recording.
- EMRS22_BP_P30_L2_B30_220722 currently recording.
- No operations in EMRS due to wet material and afternoon rainfall.

CQA Representative:

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P32, L4 placement prior to rainfall



Photo #: 2

P33, L2 prior to rainfall



Photo #:

Empty box for photo number entry.



Photo #:

Empty box for photo number entry.

Date:	July 28, 2022	Owner/Client:	New Gold Inc.
Day:	Thursday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 3

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Cloudy	Precipitation	0 mm
Temperature (High/Low)	16 12	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	20 16	Humidity	60 to 80%	Wind	Moderate

General Comments

General:

- EMRS22_BP_P30_L2_B29_220721 currently recording.
- EMRS22_BP_P30_L2_B30_220722 currently recording.
- No operations in EMRS due to wet material as a result of yesterdays rain.
- Met with New Gold to discuss EMRS construction and was informed of the plan to resume cover construction tomorrow.


P32, L4:

- Standing water present in track marks upon morning inspection.
- Warm temperatures and moderate winds aiding in the drying of saturated areas.

P33, L2:

- Standing water present in track marks upon morning inspection.
- Warm temperatures and moderate winds aiding in the drying of saturated areas.

CQA Representative:

 Digitally signed by Brady Hay
Date: 2022.07.29 07:40:27 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P33, L2 morning conditions



Photo #: 2

P32, L3/L4 morning conditions



Photo #: 3

P33, L2 end of day conditions



Photo #: 4

P32, L3/L4 end of day conditions

Date:	July 29, 2022	Owner/Client:	New Gold Inc.
Day:	Friday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	20	12	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm	
Temperature (High/Low)	24	20	Humidity	40 to 60%	Wind	Moderate

General Comments

General:

- EMRS22_BP_P30_L2_B29_220721 currently recording.
- EMRS22_BP_P30_L2_B30_220722 currently recording.
- Spoke with CQC regarding the continued methodology used for P31 of cutting down the topsoil berm east of the key trench and extending the NCL past the key trench during the placement of L4 to ensure adequate runoff is achieved for the cover system.
- Okane informed by New Gold that reclamation work on the ERMS will be stopping as of Sunday July 31st.
- Spoke with Mitchell Hearn regarding the completion of BP 29 and 30. With hydraulic conductivity testing potentially still in progress past July 31st, an excavator will still be available to fill in the excavations following completion.

P32, L4:

- L4 placement resumed with suitable NCL material from the central borrow source.

P33, L2:

- L2 placement resumed with previously placed material from the northern borrow source. The previously placed material volume was sufficient and no excess material was needed to complete the lift to grade.
- L2 consisted of material from both the central and northern borrow areas and appeared brownish grey, moist, and pliable with little stone.
- With the majority of L2 material coming from the northern area the proctor used for field testing was switched from S575 (from central borrow material) to S499 (from northern borrow area) during testing by CQC as it was deemed most representative of the lift.
- Varied results obtained during testing of the bench. D520 yielded a moisture content of 32%, but following in-situ inspection the material appeared moist and pliable. Lab moisture content results to be used for corrected results. Results became more consistent as testing progressed on the slope producing satisfactory results.
- July comparison sample S523 taken from L2.
- Testing completed and adequate lift thickness confirmed by Tulloch.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.07.30 10:02:09 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Excavator moved to central borrow area in the morning



Photo #: 2

P33, L2 placement in progress



Photo #: 3

P32, L4 placement in progress

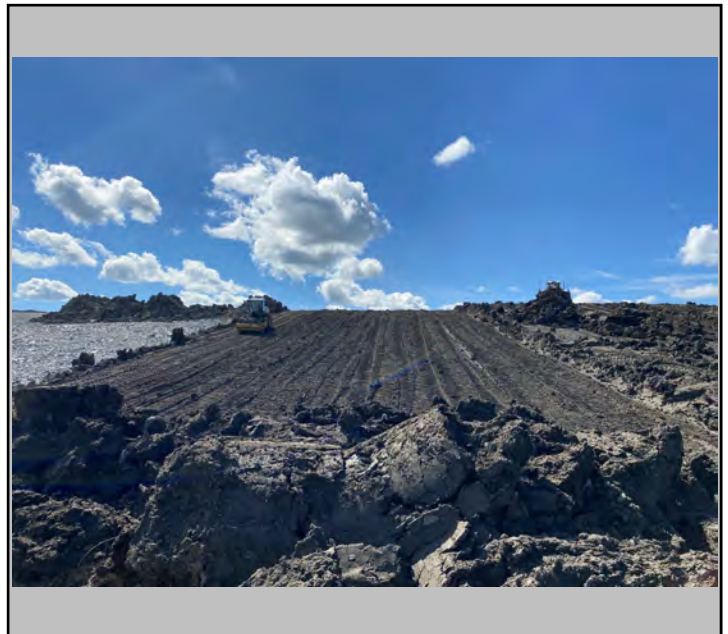


Photo #: 4

P33, L2 compaction in progress

PHOTOGRAPHS



Photo #: 5

D520 material



Photo #: 6

D522 material

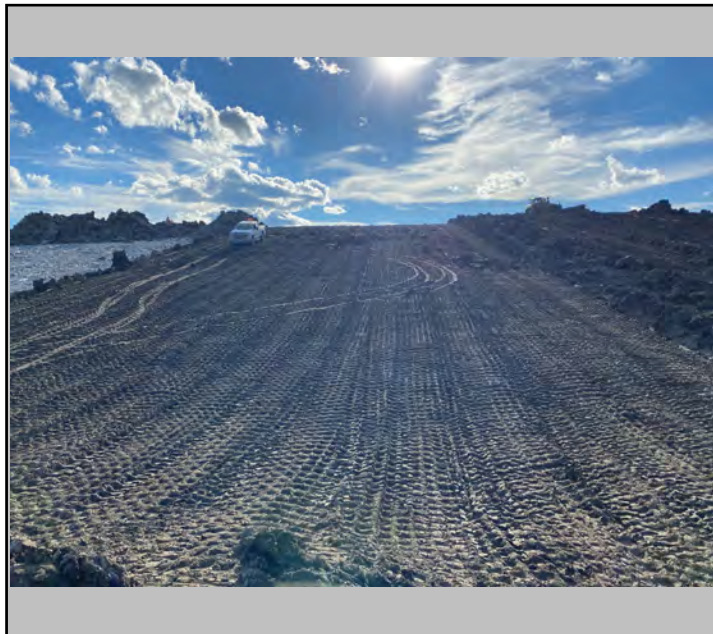


Photo #: 7

P33, L2 testing completed at end of day

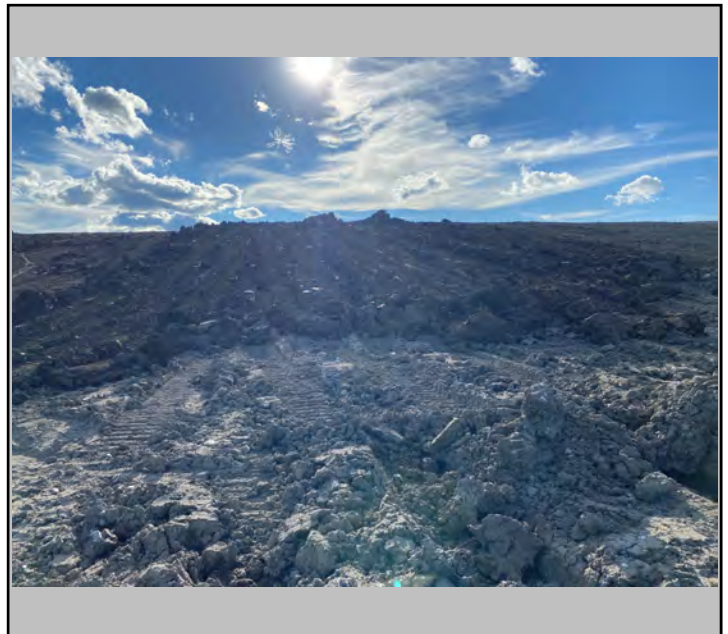


Photo #: 8

P32, L4 at end of day

Date:	July 30, 2022	Owner/Client:	New Gold Inc.
Day:	Saturday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	25 14	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Clear	Precipitation	0 mm
Temperature (High/Low)	31 25	Humidity	20 to 40%	Wind	Moderate

General Comments

General:

- EMRS22_BP_P30_L2_B29_220721 currently recording.
- EMRS22_BP_P30_L2_B30_220722 currently recording.
- Spoke with Mitchell Hearn to arrange shipment of July comparison S523.
- Met with New Gold and Tulloch on the EMRS to discuss the current state of cover construction and areas at P30 toe which are holding water. Okane recommends utilizing the current process of cutting back the topsoil east of the key trench and extending the NCL to achieve adequate runoff.

P32, L4:

- L4 completed to grade with suitable NCL material hauled from the central borrow source.
- Dozer utilized to cut back the topsoil berm east of the key trench and extend the NCL to achieve adequate drainage off of the cover system.
- L4 surveyed by CQC and proper thickness confirmed.

P33, L3:

- L3 completed to grade with suitable NCL material hauled from the central borrow source.
- L3 surveyed by CQC and proper thickness confirmed.

P33, L4:

- L4 placement initiated with suitable NCL material hauled from the central borrow source.
- L4 in progress.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.07.31 09:28:30 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Open
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater than L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Dozer utilized to cut back topsoil berm east of key trench



Photo #: 2

P32, L4 completed



Photo #: 3

P33, L3 in progress

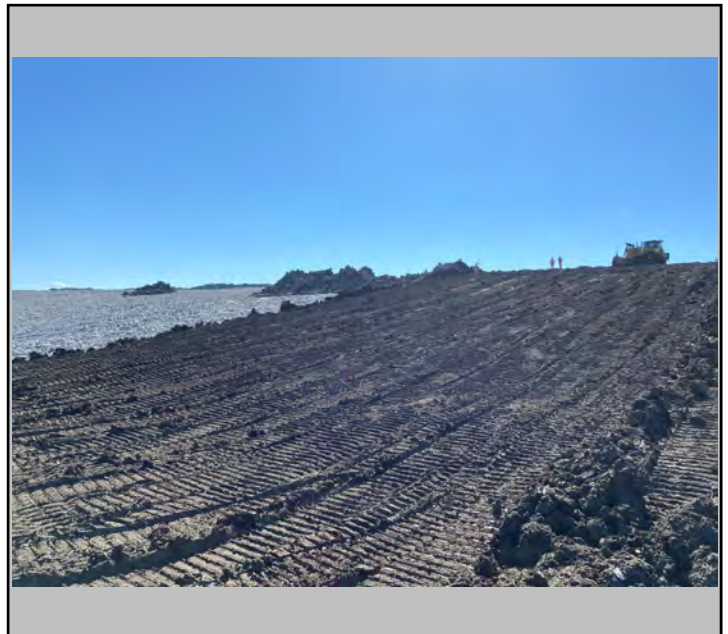


Photo #: 4

P33, L3 completed to grade

Duplicate Page

PHOTOGRAPHS



Photo #: 5

P33, L4 in progress



Photo #: 6

Area of P30 toe where pooling occurs. Ditch made by excavator in order to limit pooling.



Photo #: 7

Second area of P30 toe where pooling occurs. Ditch made by excavator in order to limit pooling.



Photo #:

Date:	July 31, 2022	Owner/Client:	New Gold Inc.
Day:	Sunday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Showers	Precipitation	0 - 5 mm
Temperature (High/Low)	19 18	Humidity	80 to 100%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Rain	Precipitation	0 - 5 mm
Temperature (High/Low)	20 19	Humidity	80 to 100%	Wind	Low

General Comments


General:

- EMRS22_BP_P30_L2_B29_220721 testing completed and issue #1 closed.
- EMRS22_BP_P30_L2_B30_220722 currently recording.
- While material was left to dry the dozer was utilized to cut back the topsoil berm east of P30 to allow for drainage past the key trench in areas which were previously holding water.

P33, L4:

- L4 placement resumed with suitable NCL material hauled from the central borrow source.
- With rain in the forecast for the morning operators were able to clean/cutback material at the toe to avoid pooling water prior to lift completion.
- Placement halted during final placement/trimming to grade due to the material being unworkable as a result of morning showers. Final trimming/grading to be completed once material has dried.
- L4 in progress.

CQA Representative:



Digitally signed by Brady Hay
Date: 2022.08.01 08:39:34 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Closed
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

Dozer cutting back topsoil berm east of P33 key trench in anticipation of rain



Photo #: 2

P33, L4 conditions after morning showers



Photo #: 3

P33, L4 conditions after morning showers



Photo #: 4

Dozer cutting back topsoil berm east of P30 to achieve drainage past key trench

PHOTOGRAPHS



Photo #: 5

P33, L4 south edge



Photo #: 6

P33, L4 conditions at end of day



Photo #: 7

P30 toe following rework



Photo #:

Duplicate Page

Date:	August 1, 2022	Owner/Client:	New Gold Inc.
Day:	Monday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	20	14	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm	
Temperature (High/Low)	24	20	Humidity	40 to 60%	Wind	Moderate

General Comments


General:

- EMRS22_BP_P30_L2_B29_220721 removed and excavation prepped to be filled in.
- EMRS22_BP_P30_L2_B30_220722 currently recording.
- Spoke with New Gold to discuss the EMRS construction plan for the day and the status of hydraulic conductivity testing.

P33, L4:

- Wet material and standing water in track marks present throughout L4 during morning inspection.
- L4 material given the majority of the day to dry before being track packed and mixed around 16:00 by the dozer. L4 was unable to be finished to grade due to material still being too wet in areas at the bottom of the slope and toe.
- L4 in progress.

CQA Representative:



Digitally signed by Brady Hay
Date: 2022.08.02 09:52:19 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Closed
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	Yes	Open
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P33, L4 morning conditions



Photo #: 2

P33, L4 morning conditions



Photo #: 3

P33, L4 afternoon conditions

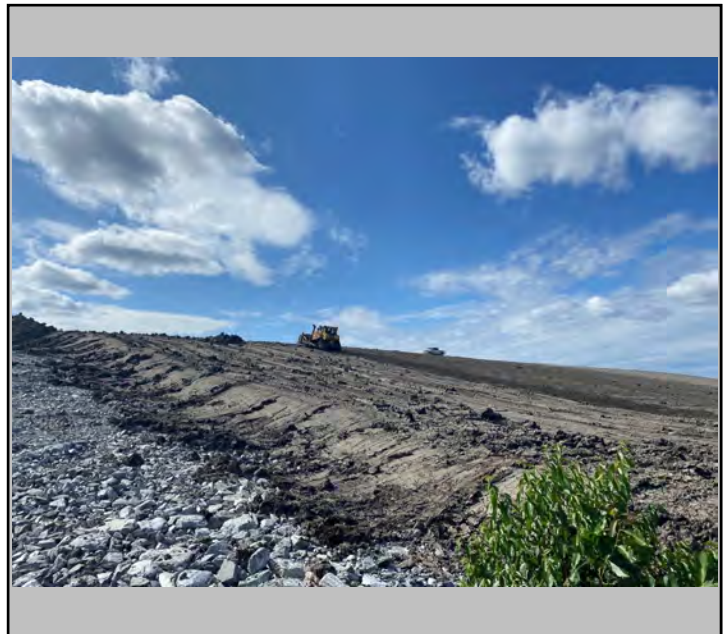


Photo #: 4

Dozer track packing P33, L4

PHOTOGRAPHS



Photo #: 5

P33, L4 toe at end of day



Photo #: 6

P33, L4 slope at end of day



Photo #:

Empty box for photo number.



Photo #:

Empty box for photo number.

Date:	August 2, 2022	Owner/Client:	New Gold Inc.
Day:	Tuesday	Okane Project #:	1003-223
Prepared by:	Brady Hay	Project Location:	Ontario

Number of Pages in Report 4

Environmental Conditions:

<u>Morning Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	20 16	Humidity	60 to 80%	Wind	Low
<u>Afternoon Conditions</u>		Weather	Fair	Precipitation	0 mm
Temperature (High/Low)	25 20	Humidity	40 to 60%	Wind	Moderate

General Comments

General:

- Emergency stand down due to equipment fire in the morning. All clear given at approximately 8:30.
- EMRS22_BP_P30_L2_B30_220722 terminated with additional testing in the area required. Issue #2 to remain open until further testing can be completed.
- Excavations from hydraulic conductivity testing filled in by excavator.
- Small low area identified on P30 by CQA where water has the potential to pool. CQC marked out the key trench in the area to show that the area in question was past the key trench. With the topsoil berm cut back and the NCL extended past the key trench for P30-33, adequate drainage off of the cover system is achieved. Issue #3 has been closed until construction resumes as future panels will still need to be constructed in the area (0+793 - 0+562).
- Downloads completed for cover trial monitoring stations.

P33, L4:

- L4 completed to grade after material was left to dry further overnight.
- L4 surveyed by Tulloch and proper thickness confirmed.
- Okane off site following the completion of P33.

CQA Representative:

Digitally signed by Brady Hay
Date: 2022.08.03 09:17:15 -05'00'

Issue #	Description	Location	Resolution	Monitor	Status
1	South side of P30, L2 reaching concerning levels of surface desiccation prior to coverage	South half of P30, L2 toe	South half P30, L2 covered with as much dark brown, moist, and pliable NCL material as possible prior to end of day by dozer	No	Closed
2	Desiccated material on P30, L2 & L3 following pause of cover construction	Exposed areas of P30, L2 & L3	L2 trimmed and material was mixed/track packed before re-compaction, retesting, and survey. L3 material mixed prior to	No	Open
3	Elevation of topsoil berm greater then L4 in areas (Berm height increases progressing south)	0+793 - 0+562	Panels in the area to be monitored to evaluate if adequate runoff is achieved or if pooling occurs at the toe	No	Closed
				Choose:	Choose:
				Choose:	Choose:

PHOTOGRAPHS



Photo #: 1

P33, L4 morning conditions



Photo #: 2

P33, L4 slope completed



Photo #: 3

P33, L4 toe completed



Photo #: 4

Excavations from hydraulic conductivity testing
being filled

PHOTOGRAPHS



Photo #: 5

Southern testing locations filled and smoothed by excavator



Photo #: 6

Northern testing locations filled and smoothed by excavator



Photo #:

Blank box for photo description.



Photo #:

Blank box for photo description.

Appendix F

Document Naming Convention



Saskatoon

112 - 112 Research Drive
Saskatoon, SK S7N 3R3
Canada
www.okc-sk.com

Memorandum

To: Jason Bell – Project Manager, New Gold

From: Janna Lutz, Project Coordinator

Cc: Garnet Cornell, Travis Pastachak, Brent McFarlane, Garry Noga, Valence Allen, Michael Risi – New Gold; Mark Tulloch, Ted Linley, Brysin Shaw, Martin Moore, Josh Smith – Tulloch

Our ref: 1003-027

Date: June 2, 2021

Re: **EMRS Progressive Reclamation / Document Naming Convention Rev2**

In anticipation of the volume of documents to be produced over the course of the construction season, Okane proposes the following common naming convention for documents to facilitate organization, and streamline data filtering. Organizing document names in this way will enable advanced search functions in Infrakit, generate consistency, and order documents logically in folder storage. Where possible, the proposed convention utilizes data naming styles already in use.

While most elements are similar to the various naming conventions currently in use – the addition of panel code is proposed. By tracking and naming discrete panel sections, it will be easier for all parties to reference sections of the cover system construction. For the purposes of document naming, a panel will consist of all four lifts of material placed together in one section, and the adjacent key-in area.

Common Naming Convention

The general premise of document names will be:

Project Code_Report Type_ [Panel Code_Lift Code_Sample/Density ID(s)](s)_YYMMDD

Project Code
EMRS21

Report Type
AT – Atterberg lab result
BP – borehole permeameter record
DA – daily report
DE – density report
DI – excel diary sheet
HE – heat map
HY – hydrometer lab result
MC – moisture content lab result
PL– placement map
PR – proctor lab result
QA – quality assurance audit report

Panel Code
P## –panel number of the 2021 construction season (consists of all 4 lifts and adjacent key-in area) <i>Will be tracked sequentially (i.e. first panel would be P1, second would be P2, etc.)</i>
ST – referring to any stockpile

Lift Code
L1 – Lift one of the CCL
L2 – Lift two of the CCL
L3 – Lift one of the NCL
L4 – Lift two of the NCL
CCL – comprising of lifts 1 and 2 <i>(for use in naming heat map only)</i>
NCL – comprising of lifts 3 and 4 <i>(for use in naming heat map only)</i>

Sample/Density ID
B## - number assigned to the borehole test <i>(each borehole test is assigned a unique test number)</i>
D### - number assigned to the density test <i>(each density test is assigned a unique test number)</i>
S#### - number assigned to the sample location <i>(many sample types may be taken at one location)</i>

Note however, not all identifiers are needed or applicable to all documents. Specific formats and examples for each document type are outlined below.

Daily Report, Excel Diary Report, QA Report

Location Year Code_Report Type_ Panel Code(s)_YYMMDD

Examples)

A report completed May 19, 2021 on the first panel of the season would be named:

EMRS21_DA_P01_210519 (daily report)

EMRS21_DI_P01_201519 (excel diary report)

EMRS21_QA_P01_201519 (quality assurance audit report)

If the same daily or diary report was associated with construction activities relating to the completion of the first panel and start of the second, it would be named:

EMRS 21_DA_P01_P02_210519 (daily report)

EMRS 21_DI_P01_P02_210519 (excel diary report)

If information in the report was not associated with a specific panel – standby day or stockpile sampling only, etc. it should be named either excluding the panel code or including the panel code that is currently under construction – whichever is most appropriate to the situation. For example, for a rain standby day, it would be appropriate to include the panel code of any panel currently under construction because the conditions will have an influence on the construction methodology for that panel. In contrast, if there are no panels currently under construction, but general stockpile sampling, test pads, or other activities occurred the report could be named without a specific panel code:

Rain standby:

EMRS21_DA_P01_210519 (daily report)

EMRS21_DI_P01_210519 (excel diary report)

Stockpile sampling, test pads, or other non-panel specific activities:

EMRS21_DA_210519 (daily report)

EMRS21_DI_210519 (excel diary report)

Density Report

Location Year Code_Report Type_ [Panel Code_Lift Code_ Sample/Density ID(s)](s)_YYMMDD

Examples)

A report completed May 19, 2021 on the first panel of the season including *test numbers* 110, and 111 on Lift 1 and 112, 113 and 114 on Lift 2 would be named:

EMRS21_DE_P01_L1_D110-D111_L2_D112-D114_210519

A report completed May 19, 2021 that included *test numbers* 115 and 116 on Lift 2 of Panel 1 and 117 of Lift 1 on Panel 2 would be named:

EMRS21_DE_P01_L2_D115-D116_P02_L1_D117_210519

Lab Results

Project Code_Report Type_ [Panel Code_Lift Code_ Sample/Density ID(s)](s)_YYMMDD

Examples)

Lab results for Atterberg testing conducted on a sample *collected* on May 19, 2021 on Panel 1, Lift 1, at *sample location* 111 would be named:

EMRS21_AT_P01_L1_S111_210519

Lab results for moisture content testing conducted on samples *collected* on May 19, 2021 on Panel 1, Lift 1 at *sample locations* 112 and 113 would be named:

EMRS21_MC_P01_L1_S112-S113_210519

Lab results for proctor testing conducted on samples *collected* on May 19, 2021 on Panel 1, Lift 2, location 114 and Panel 2, Lift 1 *sample location* 115 would be named:

EMRS21_PR_P01_L2_S114_P02_L1_S115_210519

Lab results for hydrometer testing conducted on samples *collected* on May 19, 2021 on several different stockpile *sample locations* (116, 117, 118) would be named:

EMRS21_HY_ST_S116-S118_210519

Borehole Permeameter Report

Location Year Code_Report Type_ [Panel Code_Lift Code_ Sample/Denisty ID(s)](s)_YYMMDD

Examples)

A report completed May 19, 2021 on the first panel of the season including *test number* 1 on Lift 1 would be named:

EMRS21_BP_P01_L1_B01_210519

Placement Map

Project Code_Report Type_YYMMDD

Examples)

A placement map for May 19, 2021 would be named:

EMRS21_PL_210519

Heat Map

Project Code_Report Type_Lift Code_YYMMDD

Examples)

A heat thickness map for May 19, 2021 describing CCL thicknesses would be named:

EMRS21_HE_CCL_210519

A heat thickness map for May 19, 2021 describing NCL thicknesses would be named:

EMRS21_HE_NCL_210519

It is anticipated that the common use of a naming convention will simplify document control for all parties and improve efficiency on the project.

We trust information provided in this memorandum is satisfactory for your requirements. Please do not hesitate to contact me at (780) 881-3772 or jlutz@okc-sk.com should you have any questions or comments.

Appendix G

As-Built Reports



2022 Rainy River EMRS CQA

Folder / Model	Total logpoints	Inside tolerance [Avg.err / Max.err]	Under tolerance [Avg.err / Max.err]	Over tolerance [Avg.err / Max.err]	No model				
PROJECT SUMMARY No Date Filters used. Logpoints for all dates included. 2 folders selected									
Total As-builts:	864	837 [0.57m / 0.69m]	96.88%	6 [-0.15m / -0.28m]	0.69%	21 [0.86m / 1.16m]	2.43%	0	0.00%
Logpoint approvals:	Measured: 864	Checked: 0	Approved: 0						
ASBUILT POINTS BY FOLDER / FILE									
2022 CCL Construction Tolerance Limits: [0.40 / 0.70]	864	837 [0.57m / 0.69m]	96.88%	6 [-0.15m / -0.28m]	0.69%	21 [0.86m / 1.16m]	2.43%	0	0.00%



2022 Rainy River EMRS CQA

Folder / Model	Total logpoints	Inside tolerance [Avg.err / Max.err]	Under tolerance [Avg.err / Max.err]	Over tolerance [Avg.err / Max.err]	No model
PROJECT SUMMARY No Date Filters used. Logpoints for all dates included. 2 folders selected					
Total As-builts:	1212	1148 94.72% [1.56m / 1.69m]	43 3.55% [-1.06m / -1.37m]	21 1.73% [1.86m / 2.24m]	0 0.00%
Logpoint approvals:	Measured: 1212	Checked: 0	Approved: 0		
ASBUILT POINTS BY FOLDER / FILE					
2022 NCL Construction Tolerance Limits: [1.40 / 1.70]	1212	1148 94.72% [1.56m / 1.69m]	43 3.55% [-1.06m / -1.37m]	21 1.73% [1.86m / 2.24m]	0 0.00%



For further information contact:

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