January 14, 2009

REPORT ON

2008 ANNUAL GEOTECHNICAL INSPECTION MEADOWBANK GOLD PROJECT, NUNAVUT

Submitted to:
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REPORT

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1.0 INTRODUCTION

Agnico-Eagle Mines Limited (AEM) Meadowbank Division requested Golder Associates Ltd. (Golder) conduct an annual geotechnical inspection of some of their Meadowbank Gold Project facilities, including the All-Weather Private Access Road (AWPAR), Quarries, Baker Lake Tank Farm, Meadowbank Tank Farm, and Sediment Control Structures at Meadowbank, which is required under AEM's Water License Permit No. 2AM-MEA0815, Part I, Item 12 (page 23 and 24).

Under Part I, Item 12 of the Type-A Water License for the project, AEM is required to undertake and submit an annual geotechnical inspection of the following facilities:

- All-Weather Private Access Road and site roads (including water crossings, culverts and quarries);
- Bulk fuel storage facilities at the Meadowbank site and in Baker Lake; and
- Meadowbank site attenuations ponds and sumps.

Item 12 requires the additional facilities be inspected, however at the time of this inspection these facilities had not been constructed.

Fiona Esford of Golder inspected the above mentioned facilities between the 3rd and 8th of October 2008. The inspection was carried out prior to snowfall and at the time of year when the seasonal depth of thaw (active layer) would be at or near its maximum. Daily minimum temperatures were approximately 0 to -2°C and daily maximum temperatures were between 2 and 8°C. Wind speed was variable. At this time of year there is generally low to moderate surface water flow. Peak water flows are expected to occur during the spring thaw (June and July).

1.1 Limitations

The scope of the inspection was limited to geotechnical aspects for each of the facilities listed above. The inspection did not include structural, mechanical, environmental, or other assessments.

This report was prepared in a manner consistent with the level of care and skill ordinarily exercised by members of the engineering and science professions currently practicing in Nunavut, subject to the time limits and physical constraints applicable to this report. No warranty, expressed or implied is made. For additional information, reference should be made to the *Important Information and Limitations of this Report* included at the end of this report.

2.0 INSPECTION

The following subsections describe the areas inspected and presents general observations and recommendations.

2.1 All-Weather Private Access Road (AWPAR)

The AWPAR is generally in good shape and functioning well. The road fill design, as presented in Golder 2006 (06-1413-021 July 2006), is based on a general rockfill subbase with a crushed granular rockfill surfacing with a minimum 1 m thickness over thaw stable soil and minimum 1.2 m thickness over thaw susceptible soil. As-built thickness of the road fill was observed to be less than design in places, which is expected to result in additional ongoing maintenance requirements and potentially may result in thawing of the permafrost. No evidence of thermal degradation of the permafrost was observed during this inspection.

Due to the coarse nature of the rockfill that comprises the majority of the road, in general, the fill material provides no significant barrier to low gradient water flow. During the inspection, water was observed flowing through the rockfill in the following areas:

- Approach fill to Bridge 1 – R02 approximately at km 8+500;
- Culvert PC-17 at km 8+830; and
- Approach fill to Bridge 7 – R16 approximately at km 73+800.

No erosion of the road fill material or sediment migration from the road was observed during the inspection.

In spring and early summer during higher flow and runoff periods it is expected that water will flow through additional portions of the road fill material. Regular and event based visual inspections of water crossing along the access road should continue to confirm the structural integrity and hydraulic function, confirm soil and permafrost stability, confirm the crossings have been adequately located with respect to the watercourse and to confirm minimal impact to fish habitat. The inspections should include monitoring of sedimentation and erosion rates at channel crossings. Records from these inspections should be provided and reviewed by the geotechnical inspector in subsequent years.

As-built drawings indicated a total of thirty three culverts and nine bridges. Twenty-three culverts and nine bridges along the road were inspected. Ten culverts were either not installed or were inadvertently missed during the inspection. Table 1 lists each structure along the AWPAR which was inspected, its designated name and approximate location. Appendix A contains the As-Built Drawings (May 2008) produced by Nuna and provided to Golder by AEM at the time of the inspection.

2.1.1 Culverts

In general, all culverts inspected were in good condition, were unobstructed, and showed uniform gradient through the culvert. A photographic log of the inspected culverts is provided in Appendix B. Culverts in the following discussion and in the photographic log have been identified by the name (*e.g.,* R-24) consistent with those indicated on the as-built drawings provided by AEM and by the approximate kilometre location (*e.g.,* km 98+250) along the road alignment.

At the time of the inspection, a few rocks and ice blocks were observed within some culverts, but are not of concern. The only culvert where uniform gradient was not observed is culvert R-25 located at approximately km 102+050; at this location there are two 600 mm diameter corrugated steel pipe (CSP) culverts. The grade through one of these culverts was observed not to be constant, but rather dipped down and then back up towards the downstream end of the pipe. The change in gradient is not severe and should not significantly impact flow through the culvert.

At the following locations where multiple culverts have been installed, it was noted that the inlet elevations of the culverts are not equal:

- R-24, km 98+250; and
- R-25, km 102+050.

This may be beneficial to allow flow to occur in one culvert even if the other culvert is not flowing (*e.g.,* frozen).

Some culverts are showing slight to some degree of crushing along the haunch of the culvert. Specifically, some damage or crushing was observed in:

- R-00A, km 2+550 – slightly damaged;
- PC-13, km 12+745 – some damage;
- R-05A, km 15+645 – slightly damaged;
- R-14, km 67+840 – some damage in one of the two culverts at this location;
- R-23, km 93+600 – slight damage;
- R-24, km 98+250 – double culverts at this location, one shows slight damage and the second some damage; and
- R-26, km 104+710 – one of the three culverts shows some damage.

The above noted damage may have occurred during the installation process. All of the above culverts remain functional. Annual monitoring by an engineer should continue to occur to detect if further crushing is occurring and to detect if the integrity of the culverts and/or their function is diminishing.

2.1.2 Bridges

Nine bridges are located along the AWPAR: 4 Acrow Panel bridges; and 5 Rapid Span bridges. All bridges in general are in good geotechnical condition. A structural and/or mechanical assessment of the bridges was not conducted and is beyond the scope of this geotechnical inspection. A photographic log of the bridges is included in Appendix C.

The bridges have been identified herein by their sequential number, increasing in number along the road from Baker Lake towards Meadowbank, (*e.g.,* from Bridge 1 to Bridge 9) and name (*e.g.,* R02), consistent with the as-built drawings provided by AEM of the AWPAR and by their approximate kilometre location (*e.g.,* km 8+750).

Due to the general low lying terrain, water flow occurs in broad areas and not in well defined channels. As a result, the majority of water crossings spanned by bridges have increased channelization of flow beneath the bridges as embankment fill has encroached on the crossing. No visual signs of erosion beneath the bridges or of the embankments were observed, at the time of the inspection. Embankments have generally been constructed with coarse rockfill and therefore little to no sediment load to the water course was observed to be occurring as a result of the bridges, during the inspection.

The following observations were made at select bridge locations, during the inspection:

- Bridge 1, R02 at about km 8+750 some crushing of the rockfill containment structures on each embankment beneath the bridge structure was observed. Damage appears to have occurred during installation and is not impacting the geotechnical integrity of the bridge or embankments.

- Bridge 2, R05 at about km 17+600 some damage to the wooden decking likely from grader operation as part of ongoing road maintenance was observed. Also minor damage of the rock containment structures on the embankments, which appears to have occurred during construction, was observed. Neither observations impact the geotechnical integrity of the bridge or embankments.
- Bridge 5, R13 at about km 62+060 - Silt fencing was observed surrounding each embankment at the waters edge. The condition of the silt fence is deteriorating. During the inspection, there was no apparent need to maintain this silt fence. However, if required for other reasons then it should be repaired and maintained.
- Bridge 6, R15 at about km 69+200 – minor damage to the right embankment rockfill containment structure was observed and appears to have occurred during construction. This condition is not impacting the geotechnical integrity of the bridge or embankment.
- Bridge 7, R16 at about km 73+800; Bridge 8, R18 at about km 79+500; and Bridge 9, R18 at about km 80+200 – all have steel plating that is of insufficient length. Road base fill was observed to be falling into the water course as traffic and graders pass over Bridge 7 and Bridge 8. Woven geotextile was observed hanging on each embankment at Bridge 7 and Bridge 8. In particular at Bridge 8, the geotextile has been damaged as a result of falling road base through the hole not covered by the steel plate. The embankments at Bridge 7 and Bridge 8 appear to have been constructed of finer gradation rockfill and therefore should be monitored for potential sediment loading to the water courses. None of the above observations are impacting the geotechnical integrity of the bridges or their embankments.

None of the above were observed to negatively impact the geotechnical condition of the bridges at the time of the inspection.

2.1.3 Quarries

Twenty-two quarries were developed to provide material for construction of the AWPAR. All quarries were inspected and a photographic log is contained in Appendix D. Appendix D also contains the As-Built quarry drawings produced by Nuna and provided to Golder by AEM at the time of the inspection. Quarries have been numbered sequentially from 1 to 22 starting near Baker Lake and increasing towards Meadowbank, as indicated on the as-built drawings and signage along the AWPAR.

At the time of the inspection, the majority of quarries were dry and contained small stockpiles of material for future use in maintaining the AWPAR. Some quarries are also being used for storage of other materials: Quarry 1 – has shipping containers; Quarry 6 – soil, drums and miscellaneous construction debris; and Quarry 22 – includes some tires, construction debris, drums, and contaminated soil. It is understood that AEM plans to transfer the contaminated soil to the landfarm when constructed.

The following additional observations were made at the following:

- Quarry 4 and Quarry 14 are flooded;
- Quarry 13 and Quarry 15 have a small amount of ponded water; and
- Quarry 18 access road is showing signs of frost heave and thaw deformation likely as a result of degradation of the foundation conditions (permafrost).

It is understood that the Closure and Reclamation Plan prepared in accordance with the Water License 2AM-MEA0815 and 8BC-TEH0809 requires that all quarries and borrow sources developed during the construction of the AWPAR be reclaimed, following completion of use. The closure plan requires all quarry slopes to be left at an angle of 45 to 50 degrees. All twenty-two quarries will require some work to re-slope existing walls down to 45 to 50 degrees. It is recommended that AEM develop a plan to gradually close some quarries while maintaining others for storage of materials and to provide a supply of materials for ongoing road maintenance.

It is recommended that material currently contained in Quarry 6 be removed and transported either to Meadowbank Project site or to Baker Lake for appropriate disposal. Golder is not currently aware of AEM's schedule for development of the mine site landfill, however, materials currently contained within Quarry 22 should be appropriately disposed of in the designated landfill area and any contaminated soil treated in the Landfarm, when constructed.

Quarry 4 and Quarry 14 are flooded and therefore require development of appropriate methods (ditches or outlets) to try and eliminate the ponding of water within these quarries, where possible. Quarry 13 and Quarry 15 should be monitored to determine if ponded water continues to accumulate and, if necessary, ditches should be developed to facilitate the removal of this water.

2.2 Baker Lake Tank Farm

A photographic log of the Baker Lake Tank Farm is included in Appendix E. Construction drawings for the tank farm prepared by Nishi-Khon / SNC Lavalin were provided to Golder by AEM at the time of inspection and are also included in Appendix E. The Baker Lake Tank Farm consists of two completed large capacity tanks (18 million liters each) that have been constructed within a bermed area lined with a 1.5 mm HDPE geomembrane to provide secondary containment. The liner has been covered with granular fill material, so no inspection of the liner or its condition was feasible during the site inspection. An access ramp into the bermed area was observed to exist.

Ponded fluid, likely rainwater, was observed within the tank farm. It appears that no sump has been constructed to permit easy sampling and removal of accumulated fluid. In general, it was observed that most fluid appears to collect in the south east corner of the containment area.

Adjacent to the current tank farm, but separated by a berm, two additional large capacity tanks are under construction. Steel erection and fabrication of the tanks was occurring at the time of the inspection. A majority of the embankment for secondary containment had been constructed. The geomembrane liner system was not installed at the time of the site inspection, nor had grading of the foundation been completed, however no sump was visible in the new tank area.

The embankments around the tanks (completed tank area and tank area under construction) appeared stable. They have been constructed of coarse rockfill and therefore runoff from the area is not expected to contain sediment that could potentially enter the adjacent lake (Baker Lake). The middle of the berm that separates the two existing tanks from the two under construction has a low spot that appears to have been constructed for anchoring the liner. Upon completion of the lining of the new tank farm, it is recommended that this area be backfilled and leveled to avoid the potential for water to collect and pond in the anchor trench and potentially flow beneath the liner.

The capacity of the secondary containment areas was not verified as part of this inspection.

On the west side of the tank farm is a fuelling station that consists of two containers and a pumping system. The fuelling area is covered by granular road base material.

There is an above ground pipeline between the dock, located to the south of the tanks, and the tank farm, which appears to be used to transport fuel from barges at the dock into the tanks. The pipeline is located immediately adjacent to the access road that connects the dock and the tank farm. There are small orange flags adjacent to the pipeline, but no physical protection, such as a berm between the road and the pipeline. It is recommended that a berm be constructed between the road and the pipeline.

2.3 Meadowbank Tank Farm

Appendix F contains a photographic log of the Meadowbank Tank Farm. Construction drawings for the tank farm prepared by Golder were reviewed at the time of the inspection and are also included in Appendix F. The Meadowbank Tank Farm consists of a single large capacity tank (8 million litres) constructed within an area that has been sub-excavated to provide secondary containment. At the time of inspection, grading of the secondary containment area was underway. It is understood that lining of the facility with a 1.5 mm HDPE geomembrane liner is planned, but this had not begun at the time of the inspection. An access ramp into the bermed area was observed to have been constructed. No sump was observed to exist within the containment area.

As the tank farm area has been sub-excavated, runoff from the tank farm is not anticipated to occur. The side slopes into the tank area are shallow and all appear stable.

The capacity of the secondary containment area was not verified as part of this inspection.

It is understood that a fuelling station will be constructed adjacent to the tank, beyond the secondary containment. The construction of the fuelling station had not begun at the time of the inspection.

2.4 Sediment and Erosion Control Structures – Meadowbank

No permanent sediment control structures have been developed at the Site. Teardrop Lake, located near the main camp is being used for storage of various site waters and sewage on an interim basis. Adjacent to the runway, which is currently under construction, there are several small channels dug to divert water into small excavations, “ponds”. The channels and ponds are both unlined and the ponds have no designed outlet structure. In general, they would serve to collect water, allow some suspended sediments to settle out before the water would overflow into other vegetated areas and thus limiting the amount of potential sediment movement. These excavations, could possibly also allow some water to infiltrate, depending on the thermal state of the soils. However, several of these ponds overflow onto the site access road and not into vegetated areas. An evaluation of the effectiveness of these facilities in removing suspended sediment from the surface water runoff was outside the scope of this geotechnical inspection.

Some select areas were observed to have silt fencing installed between construction areas and receiving water bodies, however many areas appear not to have surface water and sediment control structures in place, and some areas where silt fencing was observed to be present the silt fencing was observed to be damaged and in need of repair or replacement. It is recommended that the silt fencing be repaired and maintained.

2.5 Meadowbank Site Roads

At the time of this inspection, it appears that no permanent haul roads or site access roads have been established. All roads are temporary and have been developed for construction purposes. As such, no geotechnical inspection of the roads was conducted. However, the following should be taken into consideration when permanent site roads are established, including:

- Adequate road widths and berm heights for the equipment proposed to use the roads;
- Adequate intersection design (limited visibility and pinch points);
- Adequate signage along the roads and at intersection and pinch points;
- Isolation of haul roads from other site roads not designed for heavy haul traffic; and
- Managing traffic pinch points at bridges and culverts.

3.0 SUMMARY OF RECOMMENDATIONS

The following presents a summary of the key findings of the geotechnical inspection:

- No geotechnical issues were identified at the time of the inspection for the AWPAR related to: thermal degradation of the permafrost, thaw settlement, erosion of the road materials, or sediment migration from the road into adjacent watercourses;
- No geotechnical issues were identified with any of the culverts inspected along the AWPAR, however, annual inspections should continue;
- Regular and event based inspections along the AWPAR should continue to confirm the structural integrity and hydraulic function at the crossings, to confirm soil and permafrost stability, to confirm that crossings have been adequately located with respect to the watercourse, and to confirm minimal impact to fish habitat;
- No geotechnical issues were identified with any of the 9 bridges inspected or their embankments along the AWPAR;
- AEM should develop a plan for progressively closing the quarries along the AWPAR while maintaining others for storage of materials and to provide a supply of materials for ongoing road maintenance;
- Quarry 4 and Quarry 14 are flooded and action should be taken to drain, if possible the ponded water;
- Waste and construction debris stored in Quarry 6 should be removed and properly disposed;
- Waste debris and contaminated soil temporarily stored in Quarry 22 should be removed when the site landfill and Landfarm are constructed;
- Sumps should be created in all tank farm secondary containment facilities in Baker Lake and at Meadowbank;
- The pipeline between the Baker Lake tank farm and barge unloading area should have a berm constructed between the road and the pipeline;
- Fluid accumulation within the secondary containment facilities of the Baker Lake and Meadowbank Tank Farms should be managed appropriately;
- Surface water diversion and sediment and erosion control structures and measures should be implemented where appropriate to minimize potential movement of sediments into adjacent water bodies; and
- Permanent site roads around Meadowbank site should be established as soon as practical and follow standard practice for items such as road widths, berm heights, signage, and intersection design.

4.0 CLOSURE

This report was prepared to summarize the findings from the 2008 geotechnical inspection conducted between October 3, 2008 and October 8, 2008 of the All Weather Private Access Road (AWPAR), Quarries, Baker Lake Tank Farm, Meadowbank Tank Farm, and Sediment Control Structures at Meadowbank, to comply with the requirements of AEM's Type A Water License Permit No. 2AM-MEA0815, Part I, Item 12.

We trust the above information is sufficient for your current needs. Should you require additional information or further clarification, please do not hesitate to contact us.

GOLDER ASSOCIATES LTD.

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Attachments

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TABLE 1
Facilities Along the All-Weather Private Access Road

STATION	NAME	STRUCTURE DESCRIPTION	COMMENTS
0+430	PRC1	1x600 mm CSP	
0+470	PRC2	2x600 mm CSP	not inspected, no photos
1+380	PRC3	1x600 mm CSP	
2+550	R-00A	1x600 mm CSP	
4+260	PC-14	2x600 mm CSP	
5+200	Quarry 1		
8+750	R02 Center Bridge	30m Acrow Panel Bridge	
8+830	PC-17	2x1200 mm CSP	
9+952	PC-1	1x600 mm CSP	
10+580	R-03	1x600 mm CSP	
12+050	R-04	1x1200 mm CSP	
12+745	PC-13	1x600 mm CSP	
13+250	Quarry 2		
13+405	PC-2	1x600 mm CSP	not inspected, no photos
13+685	PC-3	1x600 mm CSP	
14+910	PC-4	1x600 mm CSP	not inspected, no photos
15+645	R-05A	1x1200 mm CSP	
17+600	R05 Center Bridge	30m Acrow Panel Bridge	
18+280	PC-5	1x600 mm CSP	not inspected, no photos
19+075	PC-6	1x600 mm CSP	
20+505	PC-7	1x600 mm CSP	
23+100	R06 Center Bridge	30 m Acrow Panel Bridge	
23+700	Quarry 3		
25+900	R-07	1x1200 mm CSP	
29+785	PC-8	1x600 mm CSP	
31+300	Quarry 4		
34+650	Quarry 5		
?35+690	PC-9	1x600 mm CSP	not inspected, no photos
36+470	Quarry 6		
36+865	PC-10	1x600 mm CSP	not inspected, no photos
39+552	PC-11	1x600 mm CSP	not inspected, no photos
39+800	Quarry 7		
41+410	PC-12	1x600 mm CSP	not inspected, no photos
42+950	Quarry 8		
44+600	Quarry 9		
48+500	R09 Center Bridge	12m Rapid Span Bridge	
48+900	Quarry 10		
53+500	Quarry 11		
55+048	PC-16	1x600 mm CSP	not inspected, no photos
58+300	Quarry 12		
62+060	R13 Center Bridge	12 m Rapid Span Bridge	
62+350	Quarry 13		
65+700	Quarry 14		
67+600	Quarry 15		
67+840	R-14	3x1200 mm CSP	
69+200	R15 Center Bridge	30 m Acrow Panel Bridge	
70+400	Quarry 16		
72+800	Quarry 17		
73+800	R16 Center Bridge	12m Rapid Span Bridge	
77+440	R-17	1x1200 mm CSP	
79+500	R18 Center Bridge	12 m Rapid Span Bridge	
80+200	Quarry 18		
81+045	R-18A	3x1200 mm CSP	not inspected, no photos
83+150	R19 Center	12m Rapid Span Bridge	
84+300	Quarry 19		
85+490	R-20	1x1200 mm CSP	
87+500	R-21	2x1200 mm CSP	
89+550	Quarry 20		
93+400	Quarry 21		
93+600	R-23	1x1200 mm CSP	
98+250	R-24	2x1200 mm CSP	
99+200	Quarry 22		
102+050	R-25	2x600 mm CSP	
104+710	R-26	3x1200 mm CSP	

IMPORTANT INFORMATION AND LIMITATIONS OF THIS REPORT

Standard of Care: Golder Associates Ltd. (Golder) has prepared this report in a manner consistent with that level of care and skill ordinarily exercised by members of the engineering and science professions currently practising under similar conditions in the jurisdiction in which the services are provided, subject to the time limits and physical constraints applicable to this report. No other warranty, expressed or implied is made.

Basis and Use of the Report: This report has been prepared for the specific site, design objective, development and purpose described to Golder by the Client. The factual data, interpretations and recommendations pertain to a specific project as described in this report and are not applicable to any other project or site location. Any change of site conditions, purpose, development plans or if the project is not initiated within eighteen months of the date of the report may alter the validity of the report. Golder can not be responsible for use of this report, or portions thereof, unless Golder is requested to review and, if necessary, revise the report.

The information, recommendations and opinions expressed in this report are for the sole benefit of the Client. No other party may use or rely on this report or any portion thereof without Golder's express written consent. If the report was prepared to be included for a specific permit application process, then upon the reasonable request of the client, Golder may authorize in writing the use of this report by the regulatory agency as an Approved User for the specific and identified purpose of the applicable permit review process. Any other use of this report by others is prohibited and is without responsibility to Golder. The report, all plans, data, drawings and other documents as well as all electronic media prepared by Golder are considered its professional work product and shall remain the copyright property of Golder, who authorizes only the Client and Approved Users to make copies of the report, but only in such quantities as are reasonably necessary for the use of the report by those parties. The Client and Approved Users may not give, lend, sell, or otherwise make available the report or any portion thereof to any other party without the express written permission of Golder. The Client acknowledges that electronic media is susceptible to unauthorized modification, deterioration and incompatibility and therefore the Client can not rely upon the electronic media versions of Golder's report or other work products.

The report is of a summary nature and is not intended to stand alone without reference to the instructions given to Golder by the Client, communications between Golder and the Client, and to any other reports prepared by Golder for the Client relative to the specific site described in the report. In order to properly understand the suggestions, recommendations and opinions expressed in this report, reference must be made to the whole of the report. Golder can not be responsible for use of portions of the report without reference to the entire report.

Unless otherwise stated, the suggestions, recommendations and opinions given in this report are intended only for the guidance of the Client in the design of the specific project. The extent and detail of investigations, including the number of test holes, necessary to determine all of the relevant conditions which may affect construction costs would normally be greater than has been carried out for design purposes. Contractors bidding on, or undertaking the work, should rely on their own investigations, as well as their own interpretations of the factual data presented in the report, as to how subsurface conditions may affect their work, including but not limited to proposed construction techniques, schedule, and safety and equipment capabilities.

Soil, Rock and Groundwater Conditions: Classification and identification of soils, rocks, and geologic units have been based on commonly accepted methods employed in the practice of geotechnical engineering and related disciplines. Classification and identification of the type and condition of these materials or units involves judgment, and boundaries between different soil, rock or geologic types or units may be transitional rather than abrupt. Accordingly, Golder does not warrant or guarantee the exactness of the descriptions.

Special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions and even a comprehensive investigation, sampling and testing program may fail to detect all or certain subsurface conditions. The environmental, geologic, geotechnical, geochemical and hydrogeologic conditions that Golder interprets to exist between and beyond sampling points may differ from those that actually exist. In addition to soil variability, fill of variable physical and chemical composition can be present over portions of the site or on adjacent properties. **The professional services retained for this project include only the geotechnical aspects of the subsurface conditions at the site, unless otherwise specifically stated and identified in the report.** The presence or implication(s) of possible surface and/or subsurface contamination resulting from previous activities or uses of the site and/or resulting from the introduction onto the site of materials from off-site sources are outside the terms of reference for this project and have not been investigated or addressed.

Soil and groundwater conditions shown in the factual data and described in the report are the observed conditions at the time of their determination or measurement. Unless otherwise noted, those conditions form the basis of the recommendations in the report. Groundwater conditions may vary between and beyond reported locations and can be affected by annual, seasonal and meteorological conditions. The condition of the soil, rock and groundwater may be significantly altered by construction activities (traffic, excavation, groundwater level lowering, pile driving, blasting, etc.) on the site or on adjacent sites. Excavation may expose the soils to changes due to wetting, drying or frost. Unless otherwise indicated the soil must be protected from these changes during construction.

Sample Disposal: Golder will dispose of all uncontaminated soil and/or rock samples 90 days following issue of this report or, upon written request of the Client, will store uncontaminated samples and materials at the Client's expense. In the event that actual contaminated soils, fills or groundwater are encountered or are inferred to be present, all contaminated samples shall remain the property and responsibility of the Client for proper disposal.

Follow-Up and Construction Services: All details of the design were not known at the time of submission of Golder's report. Golder should be retained to review the final design, project plans and documents prior to construction, to confirm that they are consistent with the intent of Golder's report.

During construction, Golder should be retained to perform sufficient and timely observations of encountered conditions to confirm and document that the subsurface conditions do not materially differ from those interpreted conditions considered in the preparation of Golder's report and to confirm and document that construction activities do not adversely affect the suggestions, recommendations and opinions contained in Golder's report. Adequate field review, observation and testing during construction are necessary for Golder to be able to provide letters of assurance, in accordance with the requirements of many regulatory authorities. In cases where this recommendation is not followed, Golder's responsibility is limited to interpreting accurately the information encountered at the borehole locations, at the time of their initial determination or measurement during the preparation of the Report.

Changed Conditions and Drainage: Where conditions encountered at the site differ significantly from those anticipated in this report, either due to natural variability of subsurface conditions or construction activities, it is a condition of this report that Golder be notified of any changes and be provided with an opportunity to review or revise the recommendations within this report. Recognition of changed soil and rock conditions requires experience and it is recommended that Golder be employed to visit the site with sufficient frequency to detect if conditions have changed significantly.

Drainage of subsurface water is commonly required either for temporary or permanent installations for the project. Improper design or construction of drainage or dewatering can have serious consequences. Golder takes no responsibility for the effects of drainage unless specifically involved in the detailed design and construction monitoring of the system.

APPENDIX A

All-Weather Private Access Road As-Built Drawings

January 14, 2009
Report No. 08-1428-0028
Doc. No. 797 Ver. 0

NUNA
M & T SERVICES LTD.

Operations and Administration Office
9839 - 31 Avenue
Edmonton, AB T6N 1C5

Tel 780 434 9114 Fax 780 434 7758
E-mail general@nunalogistics.com

May 16, 2008

via email: lconnell@agnico-eagle.com

Larry Connell, P.Eng.
Regional Manager: Environment, Social and Government Affairs
Agnico-Eagle Mines Ltd.
#375 - 555 Burrard Street
Box 209, Two Bentall Centre
Vancouver, BC V7X 1M8

Dear Sir:

Re: Certification of Completeness for Tehek Lake All-Weather Road As-built Drawings
Tehek Lake Access Road Construction, Meadowbank Project

Please accept this letter of affirmation that the as-built drawings submitted by Margaret Caley (6487831 Canada Ltd.) on behalf of Nuna M&T Services Ltd. are representative of the completed in-field construction.

The as-built drawings submitted were generated from actual survey data which was collected upon completion of construction.

Regards,

For: Harvey Blouin
Project Manager, Meadowbank Project
Nuna M&T Services Ltd.

Direct 780-644-9081
Fax 780-644-9087
Cell 780-238-6697

NUNA
M & T SERVICES LTD.

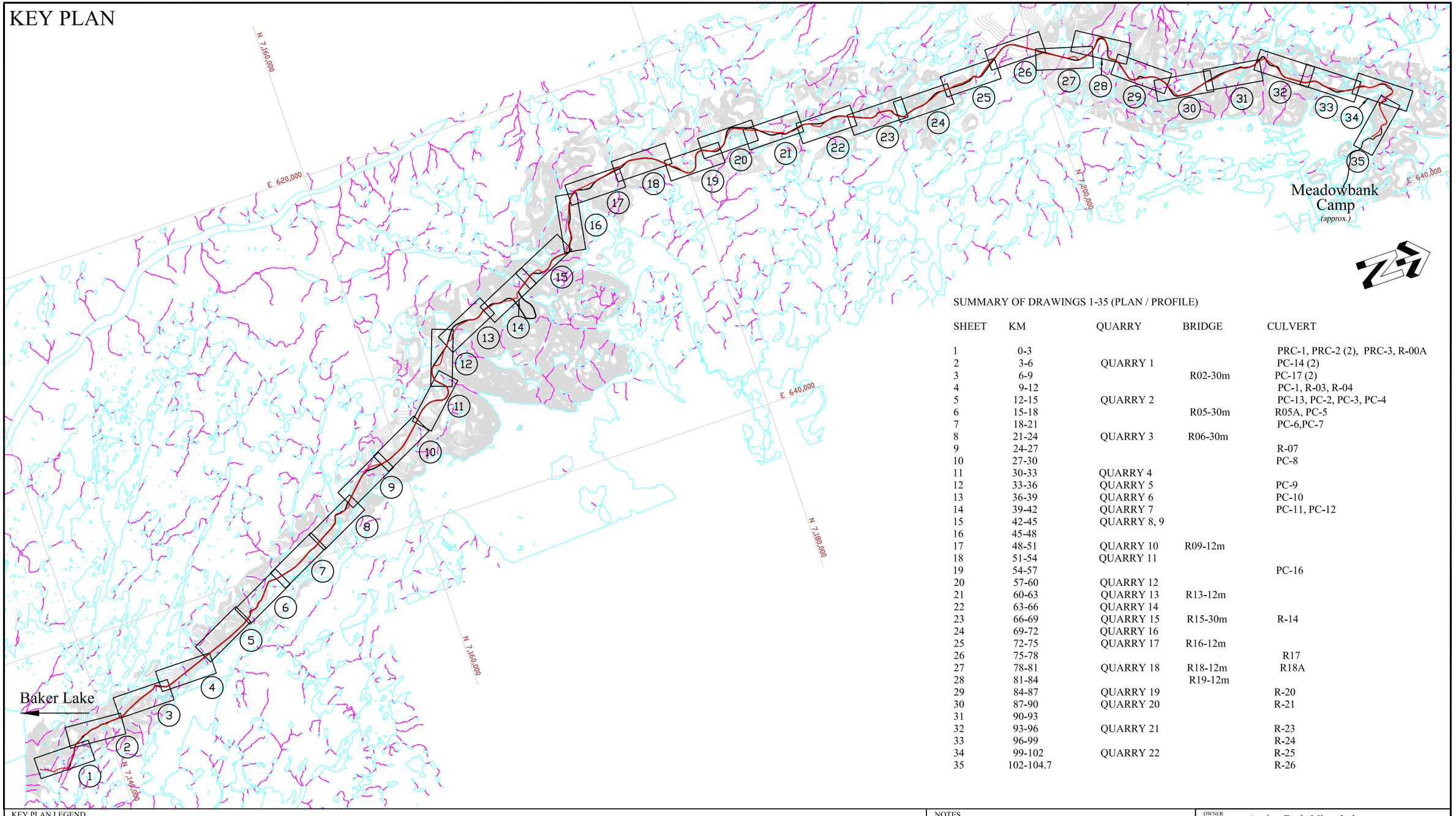
Tehek Access Road Construction
Meadowbank Gold Project

As-built Drawings

May 5 2008

Owner: Agnico-Eagle Mines Ltd.

KEY PLAN



SUMMARY OF DRAWINGS 1-35 (PLAN / PROFILE)

SHEET	KM	QUARRY	BRIDGE	CULVERT
1	0-3			PRC-1, PRC-2 (2), PRC-3, R-00A
2	3-6	QUARRY 1		PC-14 (2)
3	6-9		R02-30m	PC-17 (2)
4	9-12			PC-1, R-03, R-04
5	12-15	QUARRY 2		PC-13, PC-2, PC-3, PC-4
6	15-18		R05-30m	R05A, PC-5
7	18-21			PC-6,PC-7
8	21-24	QUARRY 3	R06-30m	
9	24-27			R-07
10	27-30			PC-8
11	30-33	QUARRY 4		
12	33-36	QUARRY 5		PC-9
13	36-39	QUARRY 6		PC-10
14	39-42	QUARRY 7		PC-11, PC-12
15	42-45	QUARRY 8, 9		
16	45-48			
17	48-51	QUARRY 10	R09-12m	
18	51-54	QUARRY 11		
19	54-57			PC-16
20	57-60	QUARRY 12		
21	60-63	QUARRY 13	R13-12m	
22	63-66	QUARRY 14		
23	66-69	QUARRY 15	R15-30m	R-14
24	69-72	QUARRY 16		
25	72-75	QUARRY 17	R16-12m	
26	75-78			R17
27	78-81	QUARRY 18	R18-12m	R18A
28	81-84		R19-12m	
29	84-87	QUARRY 19		R-20
30	87-90	QUARRY 20		R-21
31	90-93			
32	93-96	QUARRY 21		R-23
33	96-99			R-24
34	99-102	QUARRY 22		R-25
35	102-104.7			R-26

KEY PLAN LEGEND

- Centerline of constructed road (as-built)
- Centerline of proposed road (design)
- Reference for drawings 1-35
- Lake / Stream
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)

0km 2.5km 5.0 km 7.5km

Scale 1: 20,000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1 & Figures 1-6
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.
6. For typical cross section, please refer to figures 7 & 7A.
7. Station 0+000 N:7135821.224 E 646026.187 refer to table 4.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
0+000 to 104+719	Key Plan

CAD	Check	Date
gc	cg/hb	May 5, 2008

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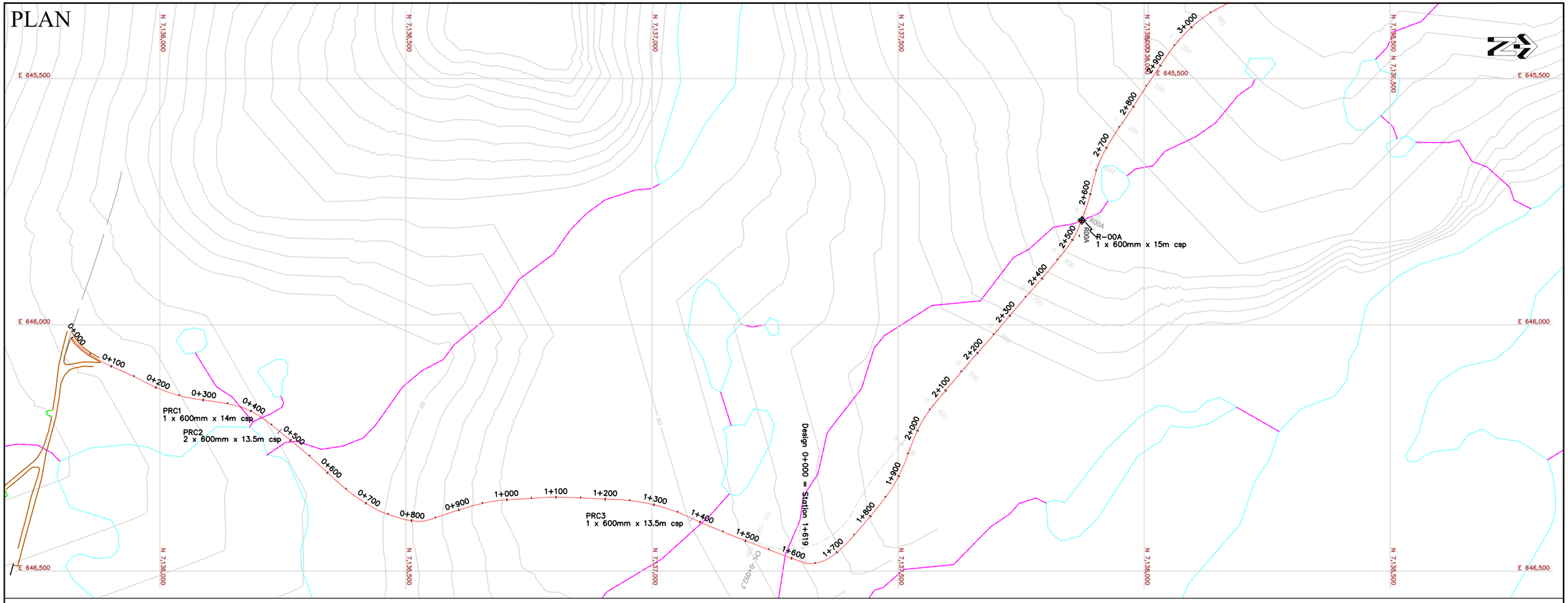

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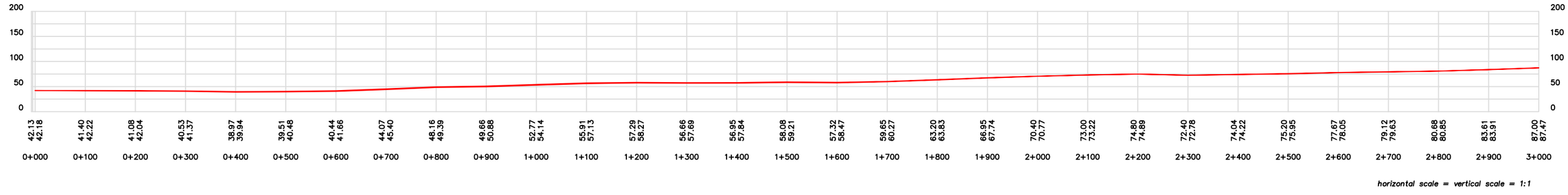

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GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
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- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
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- 0+100 — Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
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- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
0+000 to 3+000	1 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

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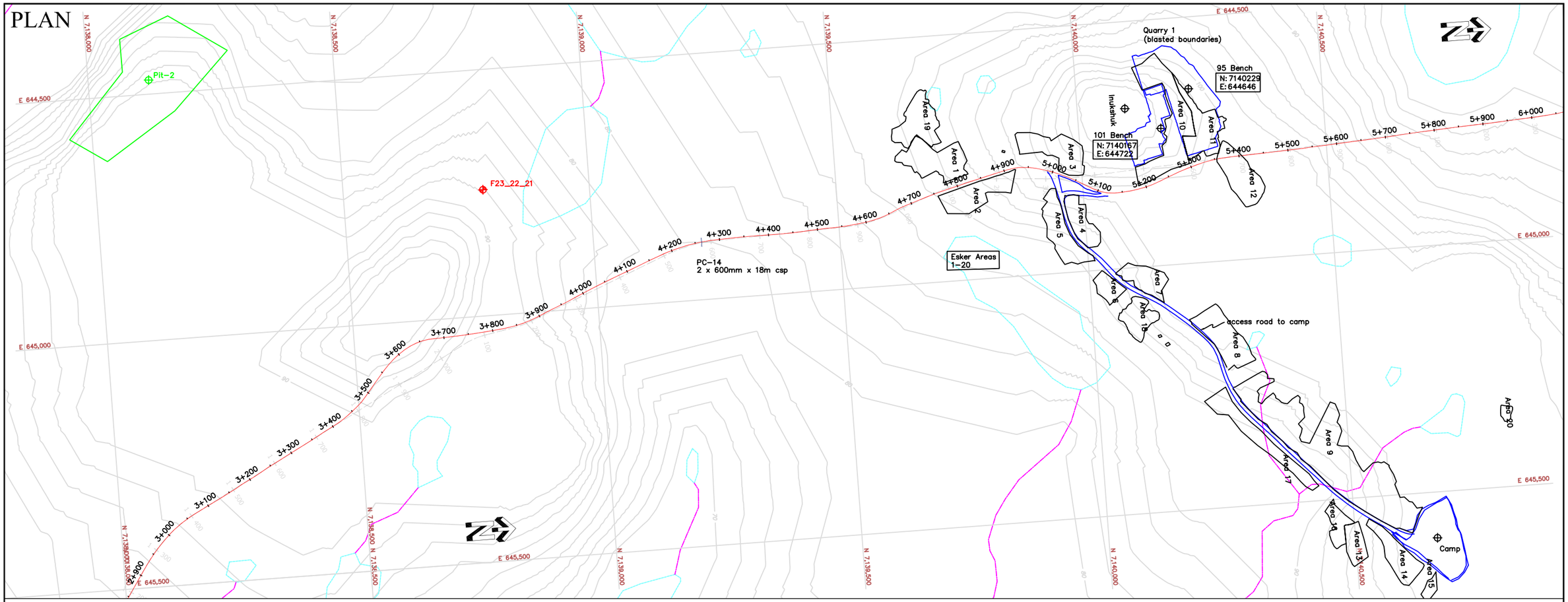

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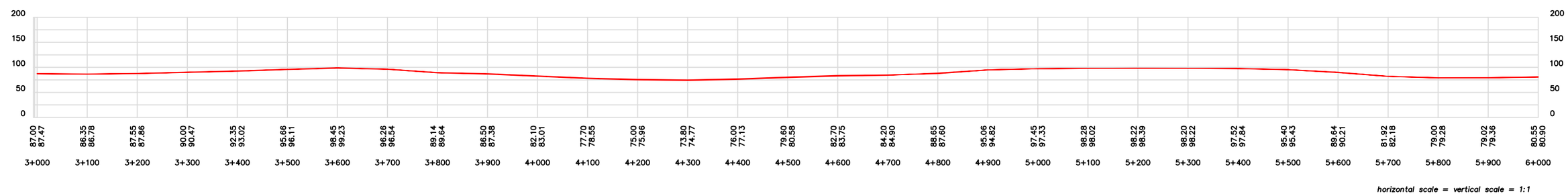

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0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

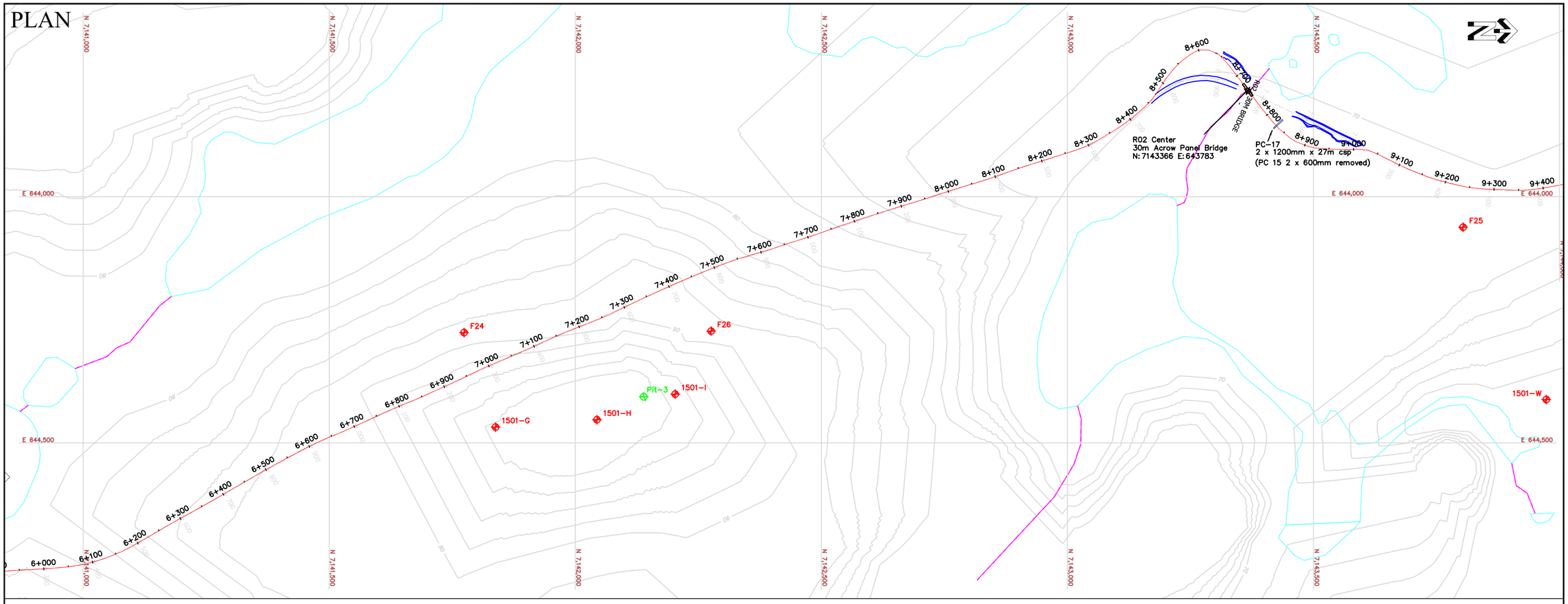
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
3+000 to 6+000	2 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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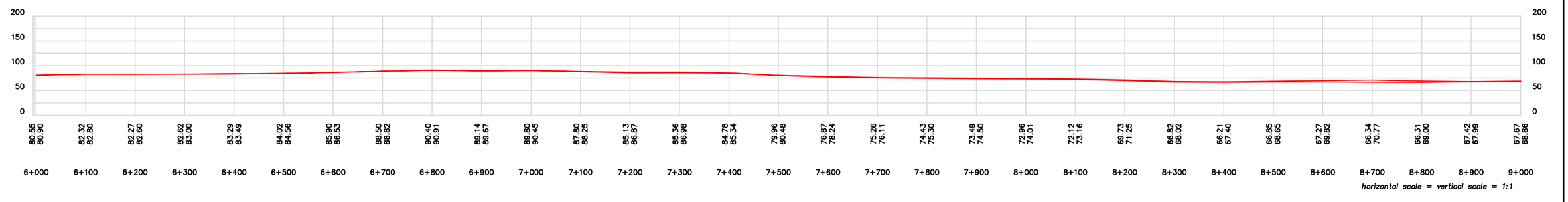

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0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
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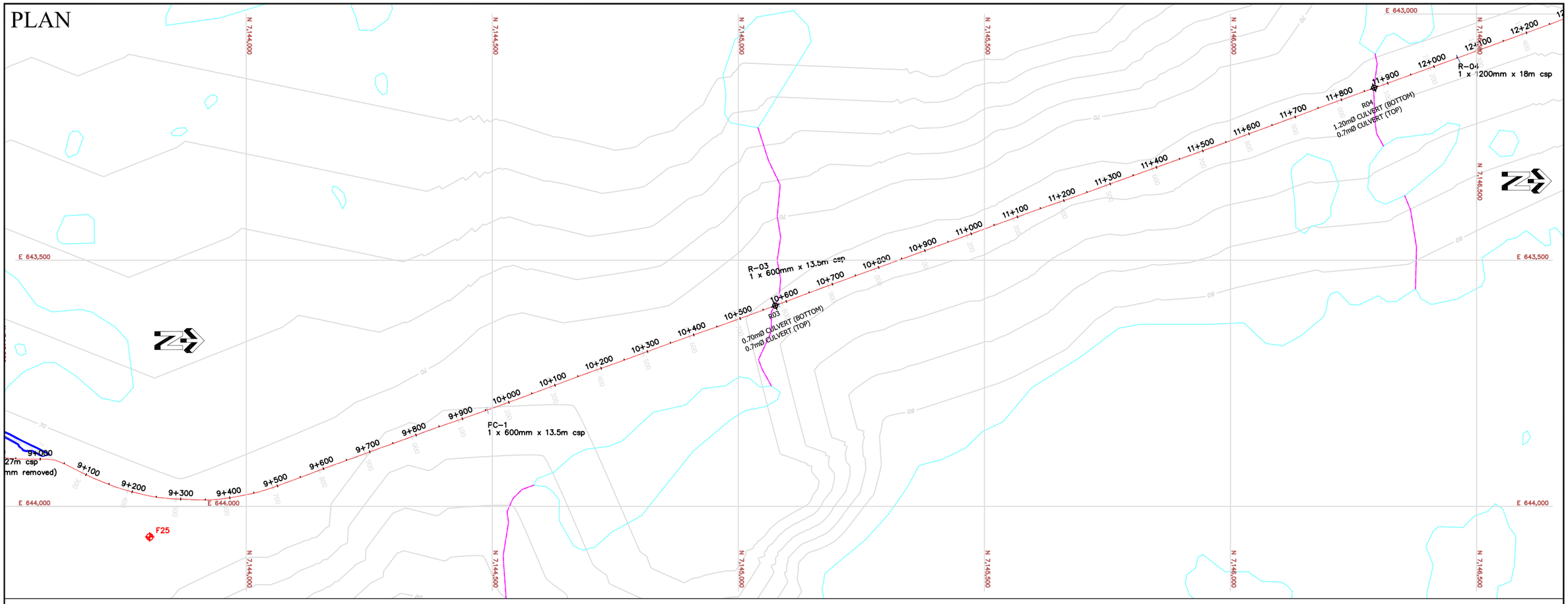
OWNER	Agnico-Eagle Mines Ltd. Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	6+000 to 9+000
Sheet	3 of 35
CAD	gc
Check	cg/hb
Date	March 31, 2008

PLAN



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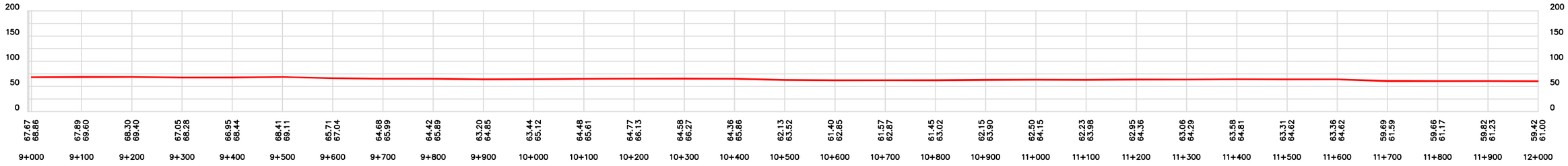

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0m 100m 200m 300m

Scale 1: 8000

NOTES

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OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

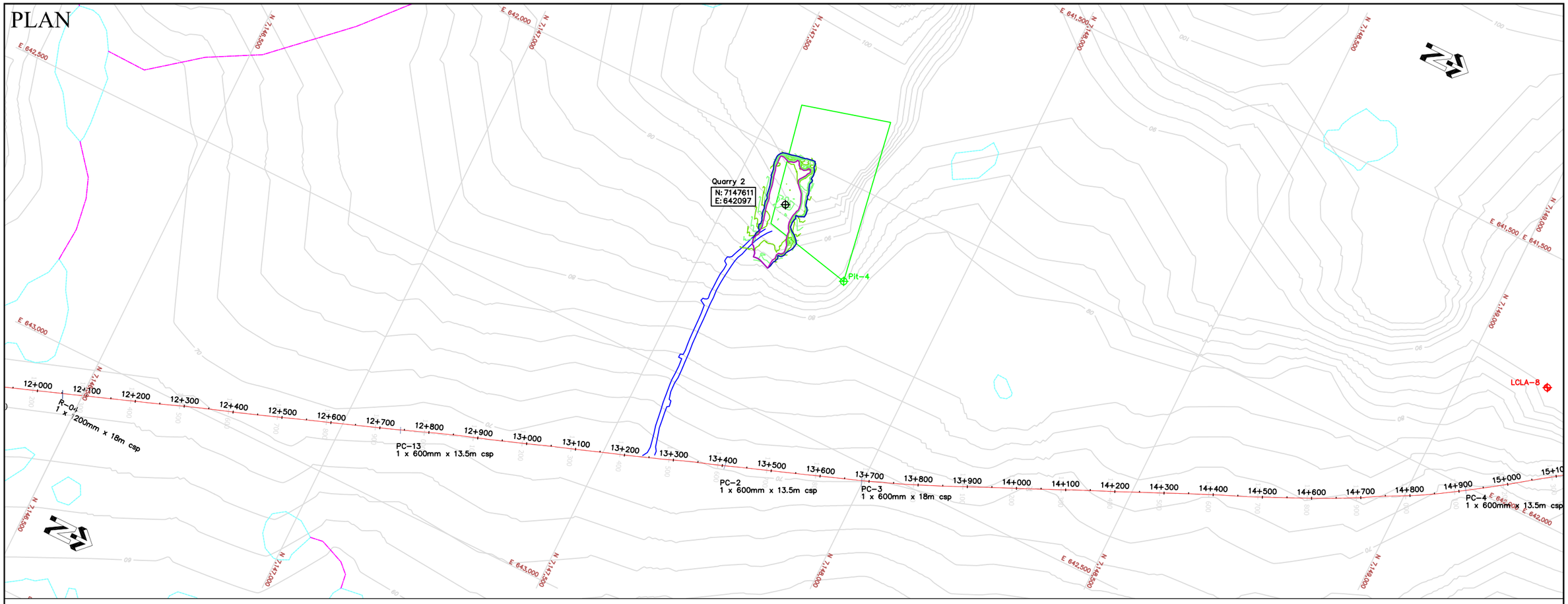
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
9+000 to 12+000	4 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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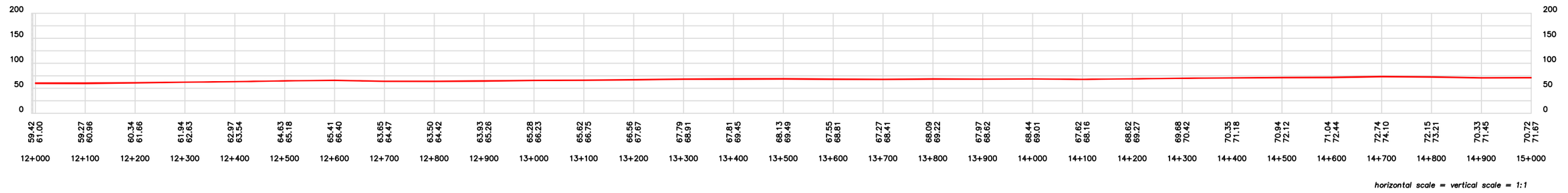

horizontal scale = vertical scale = 1:1

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0m 100m 200m 300m

Scale 1: 8000

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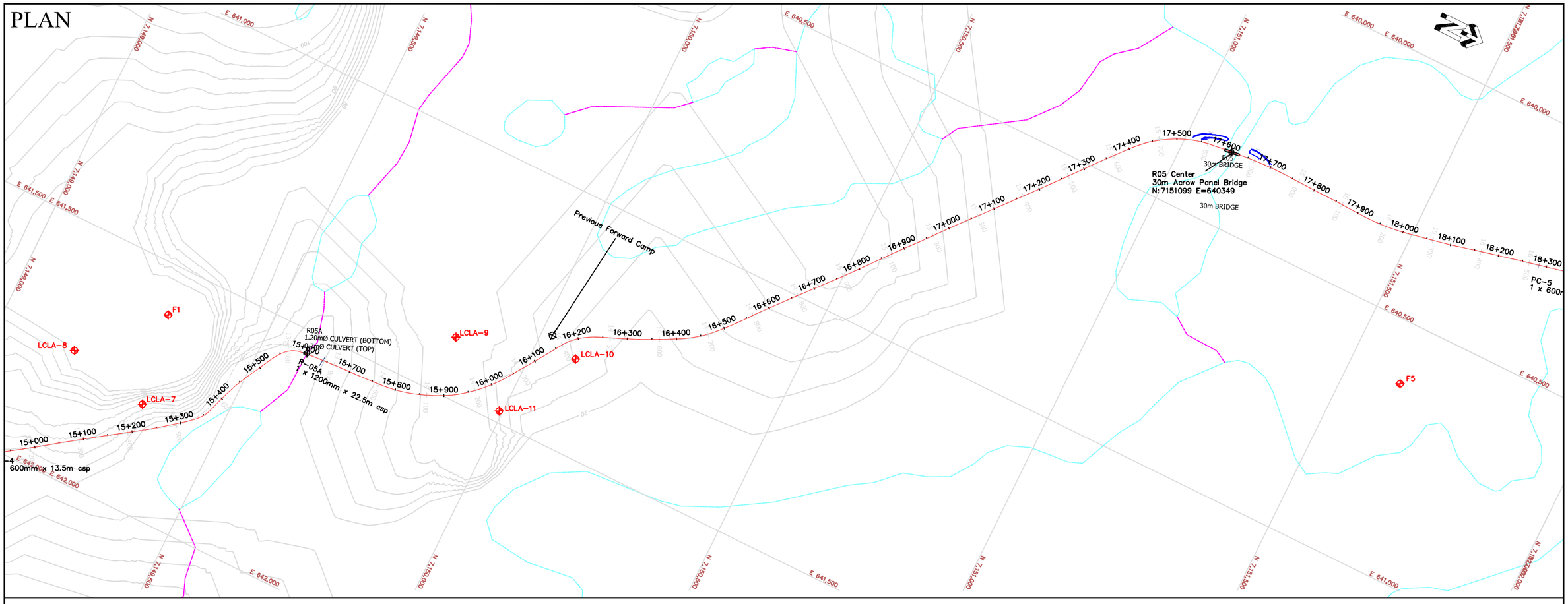
OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	12+000 to 15+000
Sheet	5 of 35
CAD	gc
Check	cg/hb
Date	March 31, 2008

PLAN



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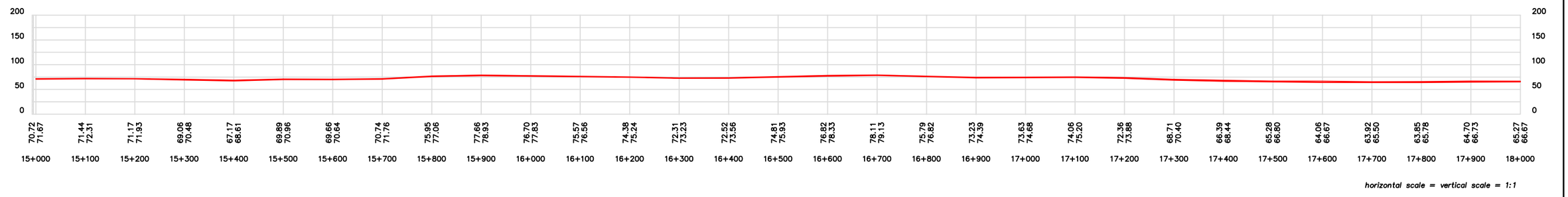

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0m 100m 200m 300m

Scale 1: 8000

NOTES

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4. For culvert data, please refer to table 2.
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OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

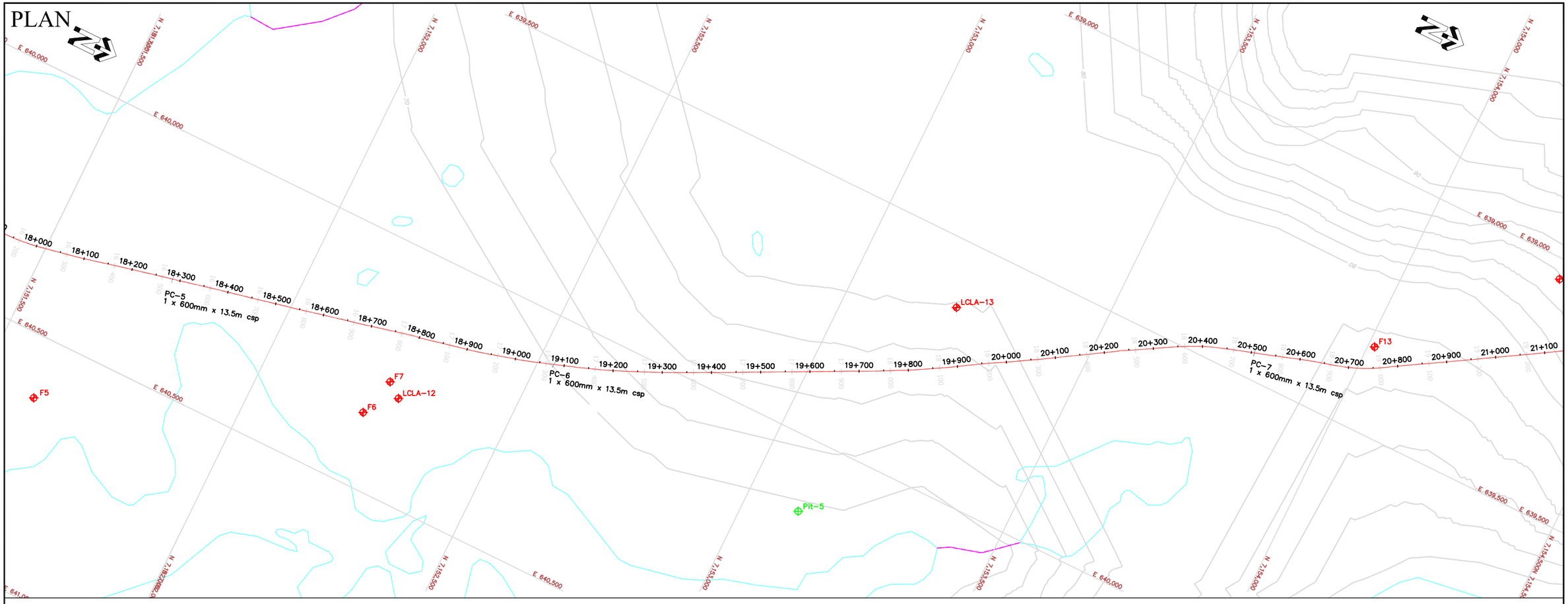
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
15+000 to 18+000	6 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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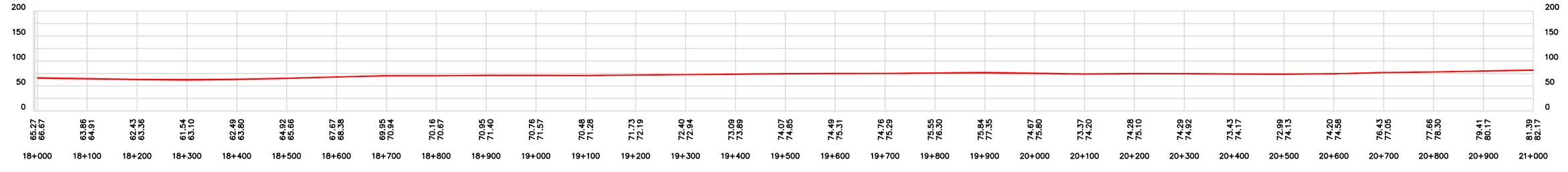

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0m 100m 200m 300m

Scale 1: 8000

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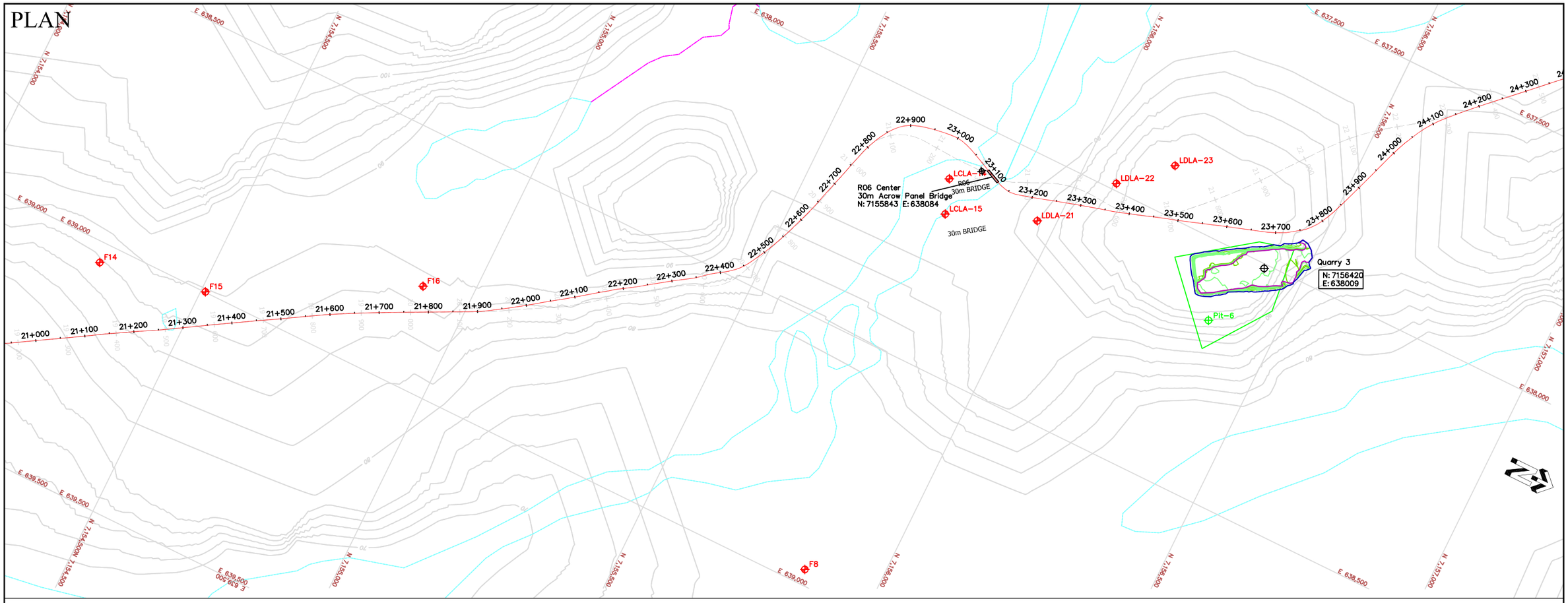
OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	18+000 to 21+000
Sheet	7 of 35
CAD	gc
Check	cg/hb
Date	March 31, 2008

PLAN



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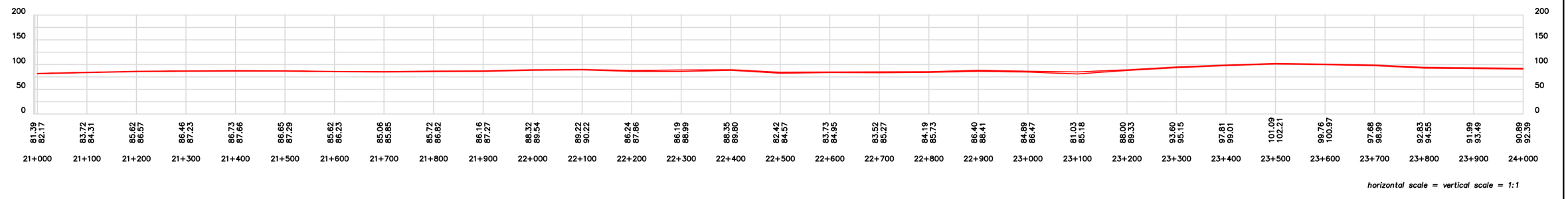

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0m 100m 200m 300m

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OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

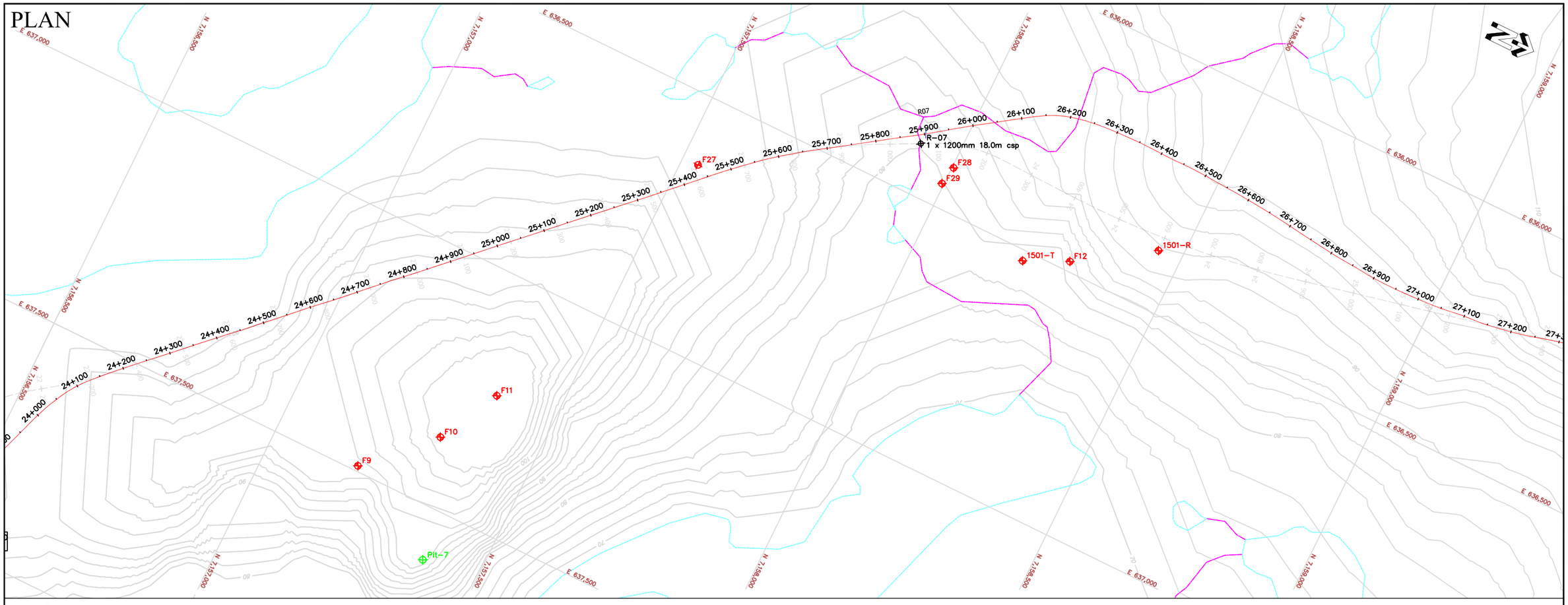
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
21+000 to 24+000	8 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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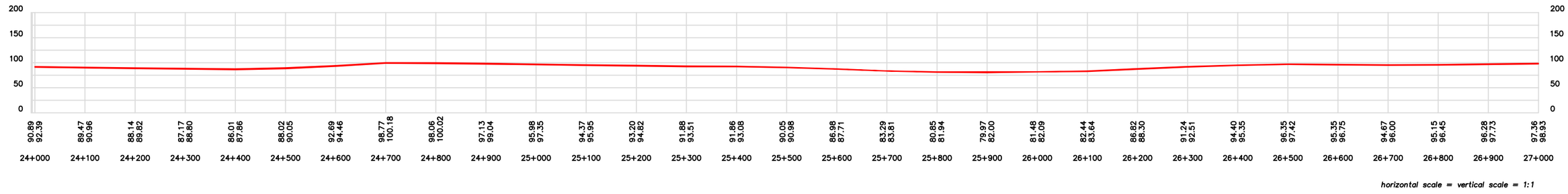

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- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

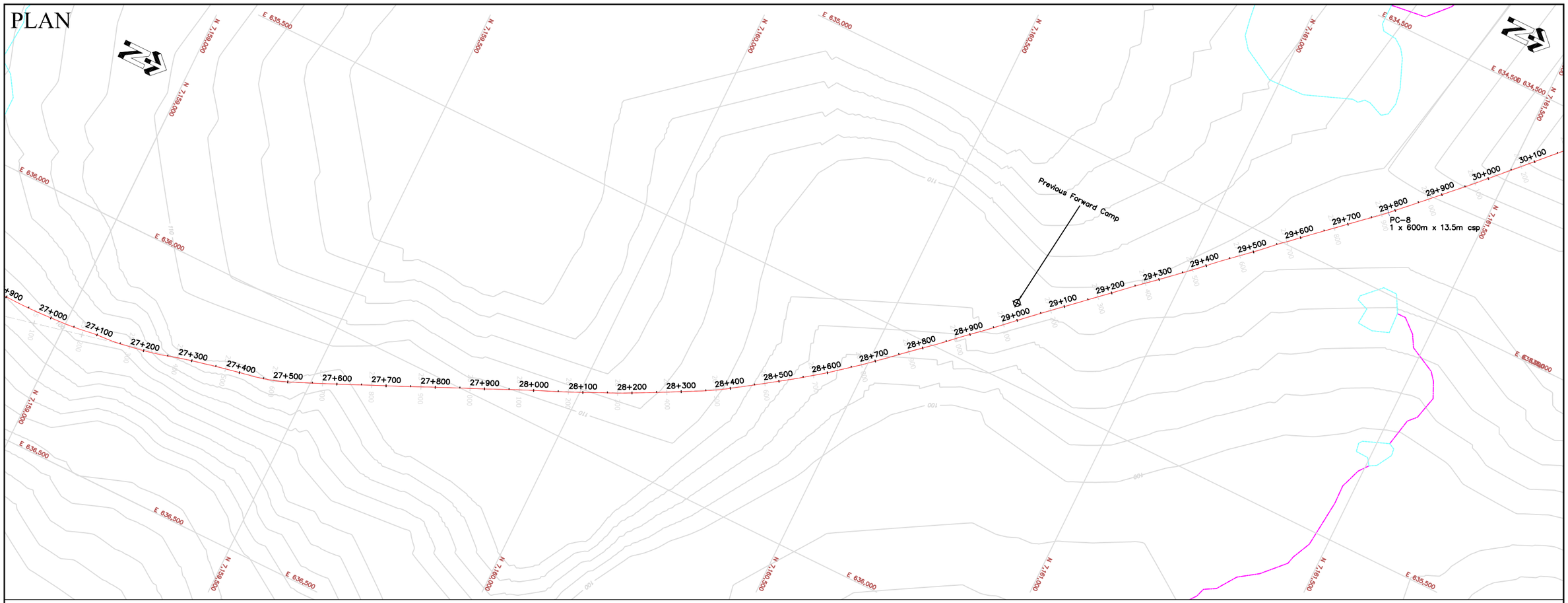
Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	24+000 to 27+000
Sheet	9 of 35
CAD	gc
Check	cg/hb
Date	March 31, 2008

PLAN



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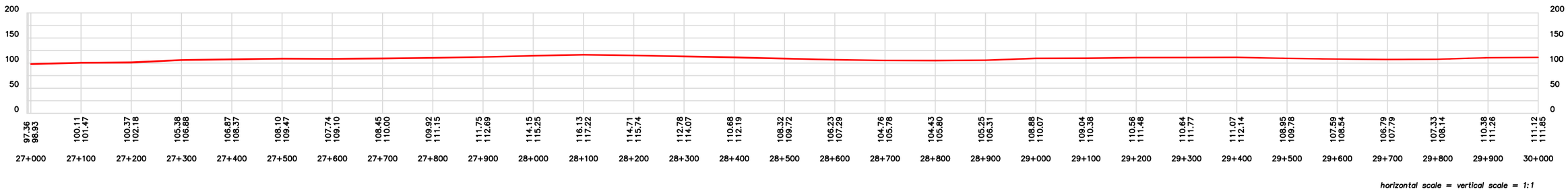

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GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

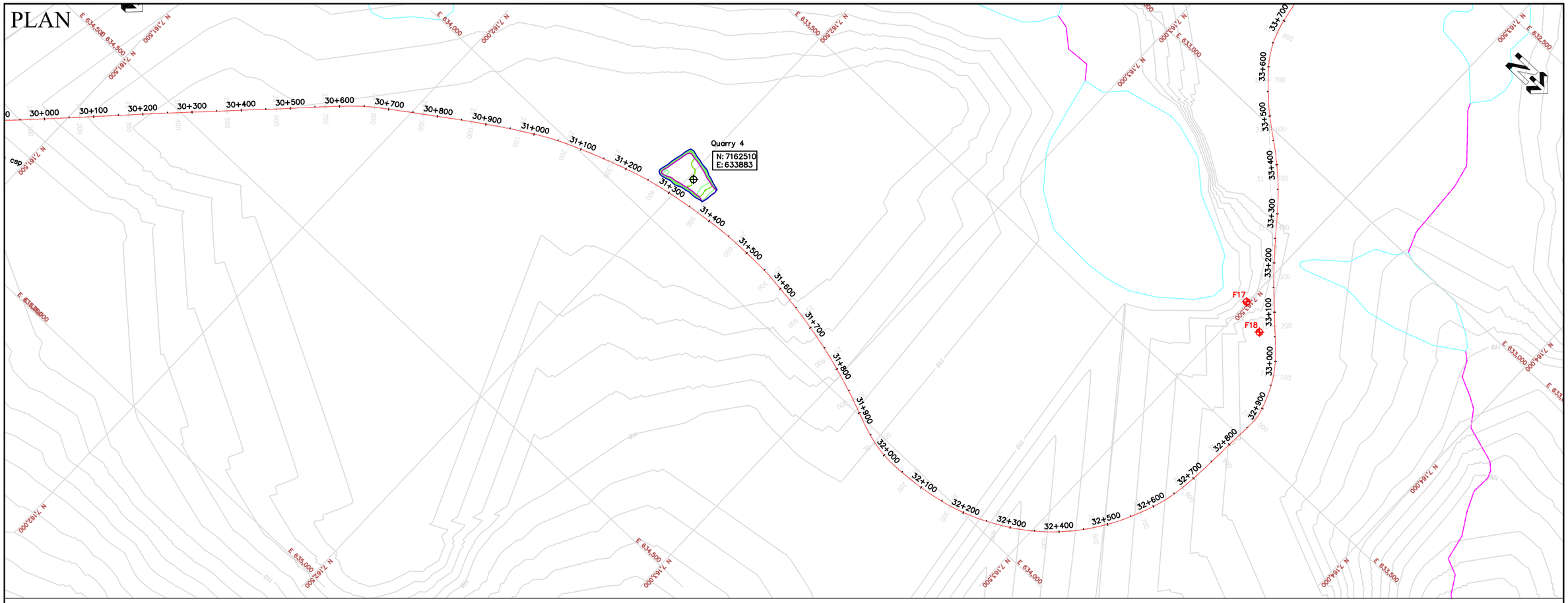
Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER	Agnico-Eagle Mines Ltd. Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	27+000 to 30+000
Sheet	10 of 35
CAD	gc
Check	cg/hb
Date	March 31, 2008

PLAN



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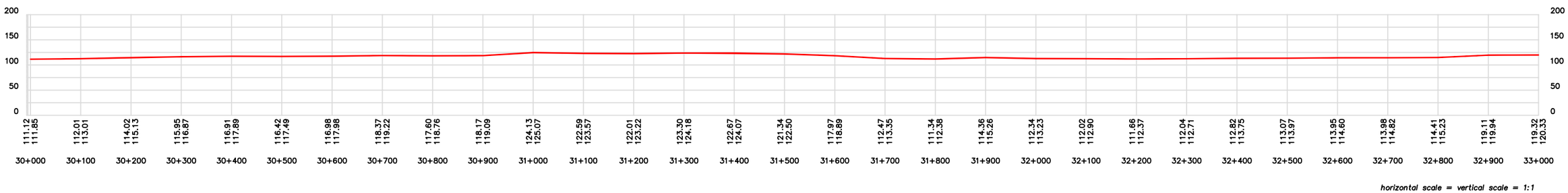


horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

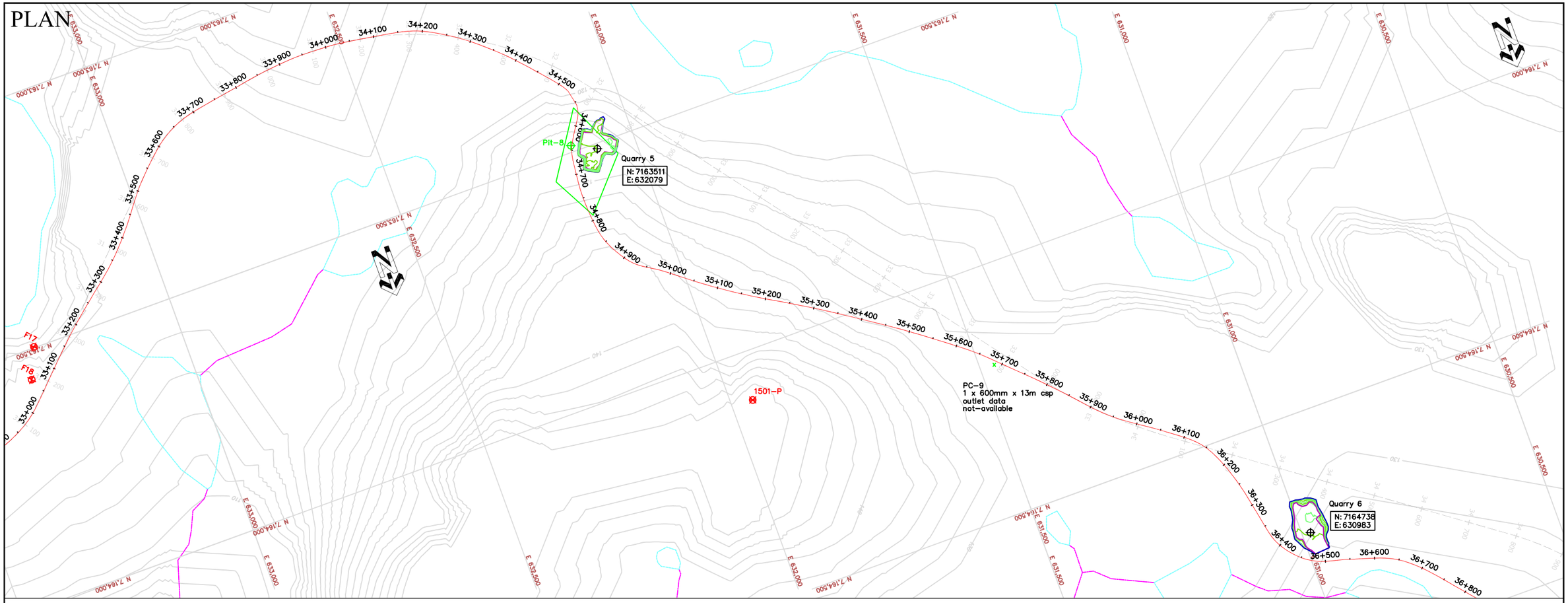
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
30+000 to 33+000	11 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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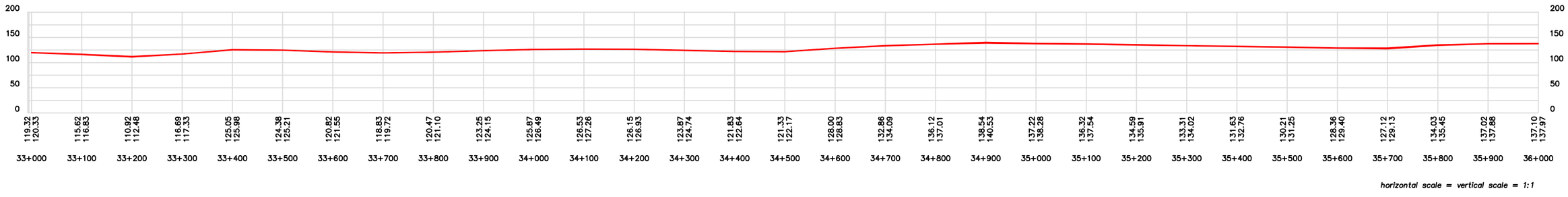


GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

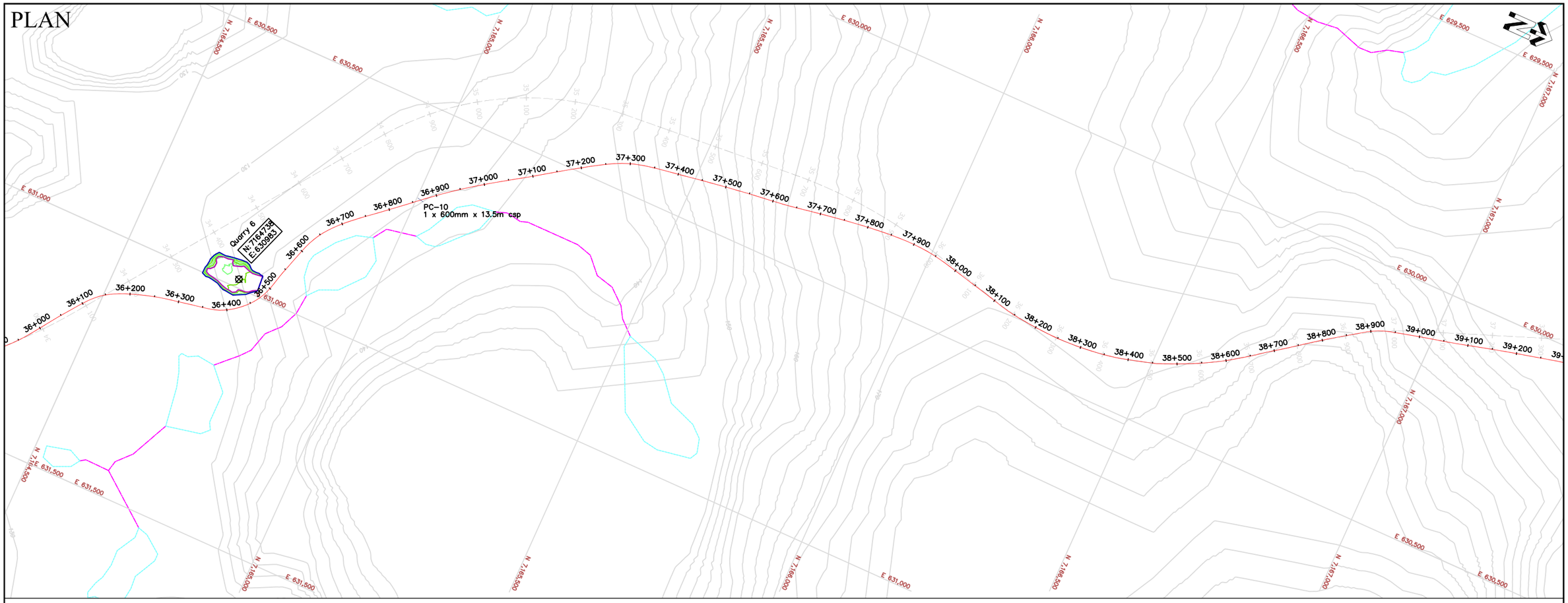
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing: 33+000 to 36+000 | Sheet: 12 of 35

CAD: gc | Check: cg/hb | Date: March 31, 2008

PLAN



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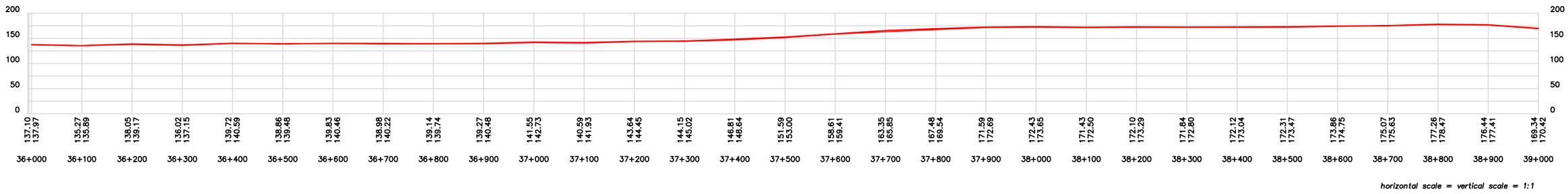


horizontal scale = vertical scale = 1:1

GOLDER DATA

LfLa-3	Existing archeological site	R02	River crossing (crossing structure and dimension)
Pit-13	Proposed quarry site	120	Existing major contour (10m Topo)
	Existing lake/stream		Existing minor contour (interpreted)
			Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

172	Quarry as-built 2m major contour	0+100	Centerline of road with 100m stations
	Quarry as-built 1m minor contour	R20 PC-1	River crossing - culvert 600mm/1200mm dia
	Crest boundary of quarry limit at original ground	R02	River crossing - bridge 12m / 30m length
	Toe boundary of quarry excavation at bench grade		

0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

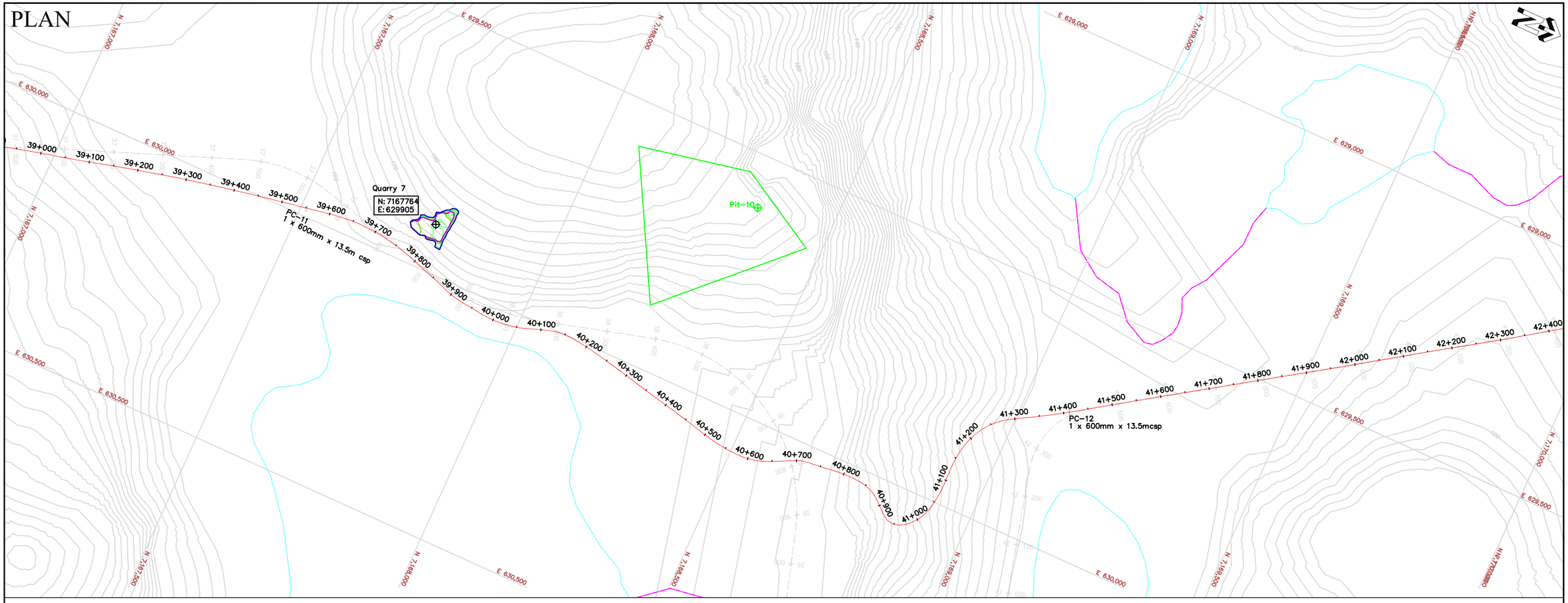
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
36+000 to 39+000	13 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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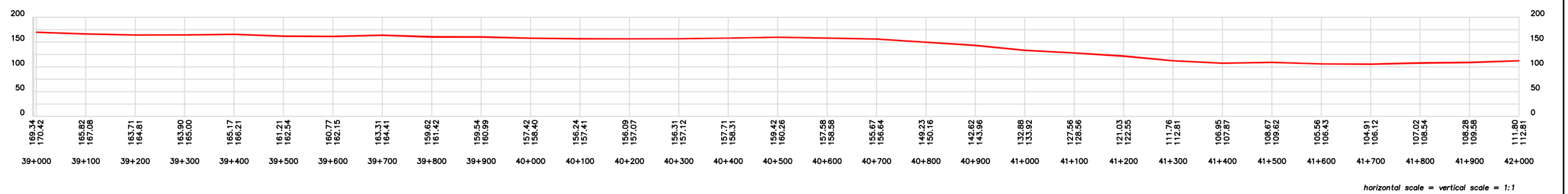


horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

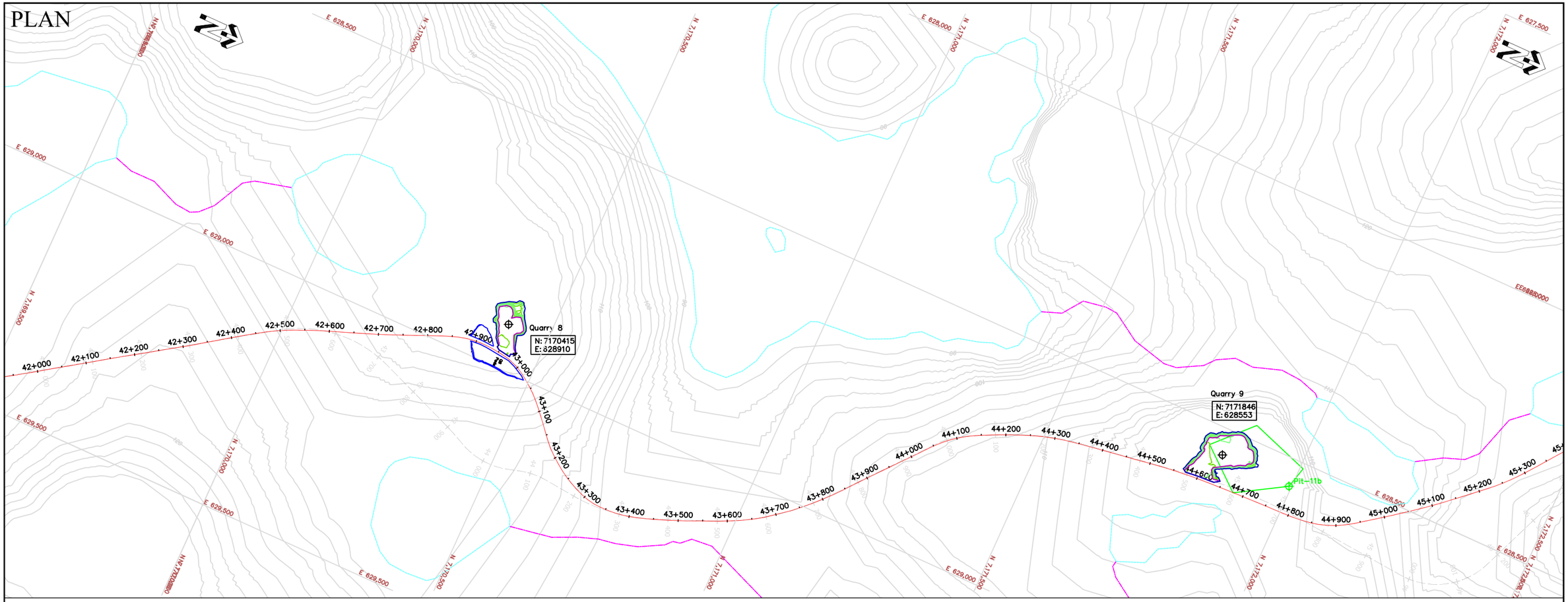
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
39+000 to 42+000	14 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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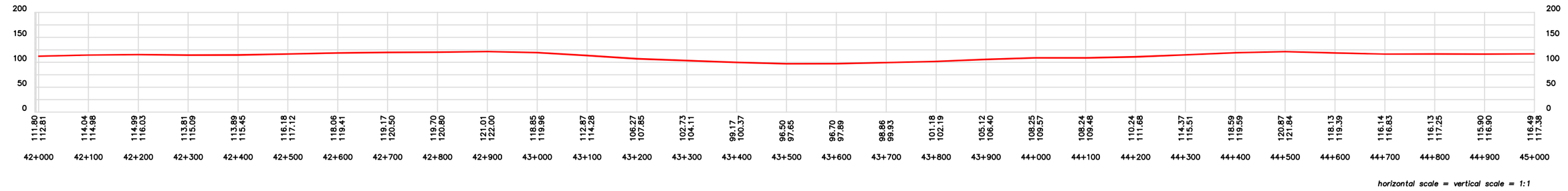


horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

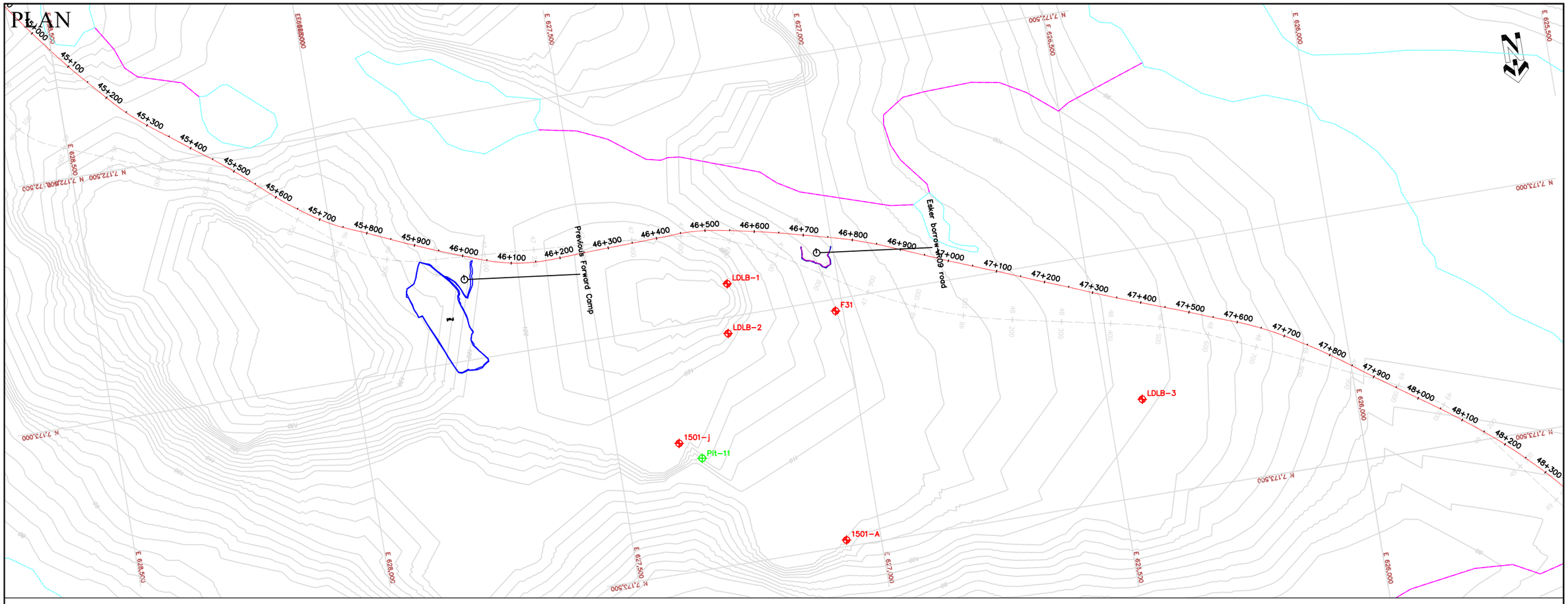
Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	42+000 to 45+000
Sheet	15 of 35
CAD	gc
Check	cg/hb
Date	March 31, 2008

PLAN



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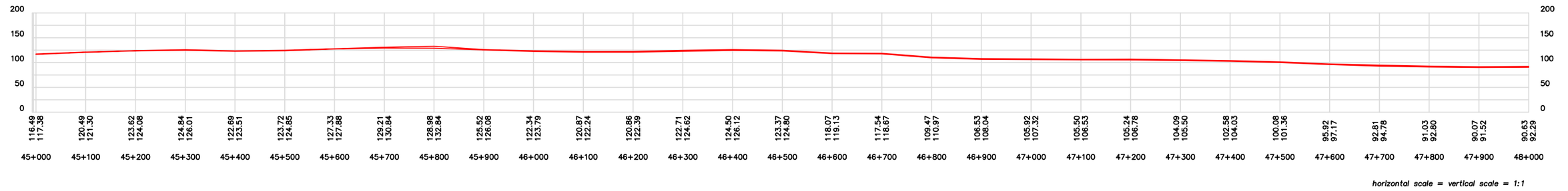


horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 Existing archeological site
- Pit-13 Proposed quarry site
- Existing lake/stream
- R02 River crossing (crossing structure and dimension)
- 120 Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 Centerline of road with 100m stations
- R20 / PC-1 River crossing - culvert 600mm/1200mm dia
- R02 River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

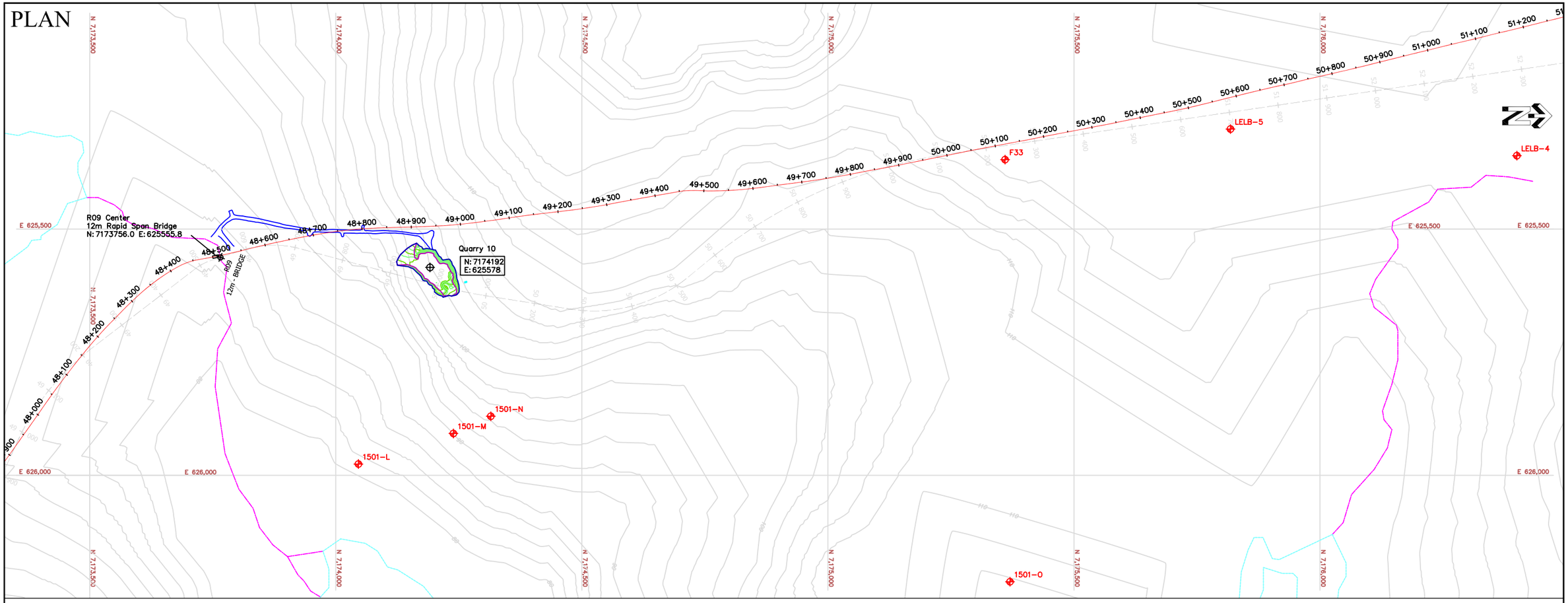
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
45+000 to 48+000	16 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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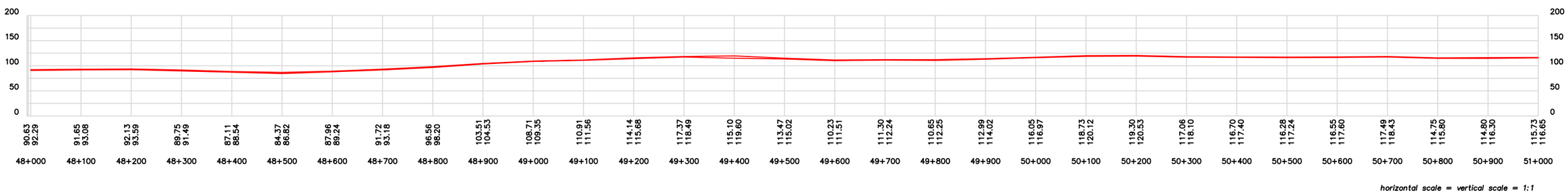


GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

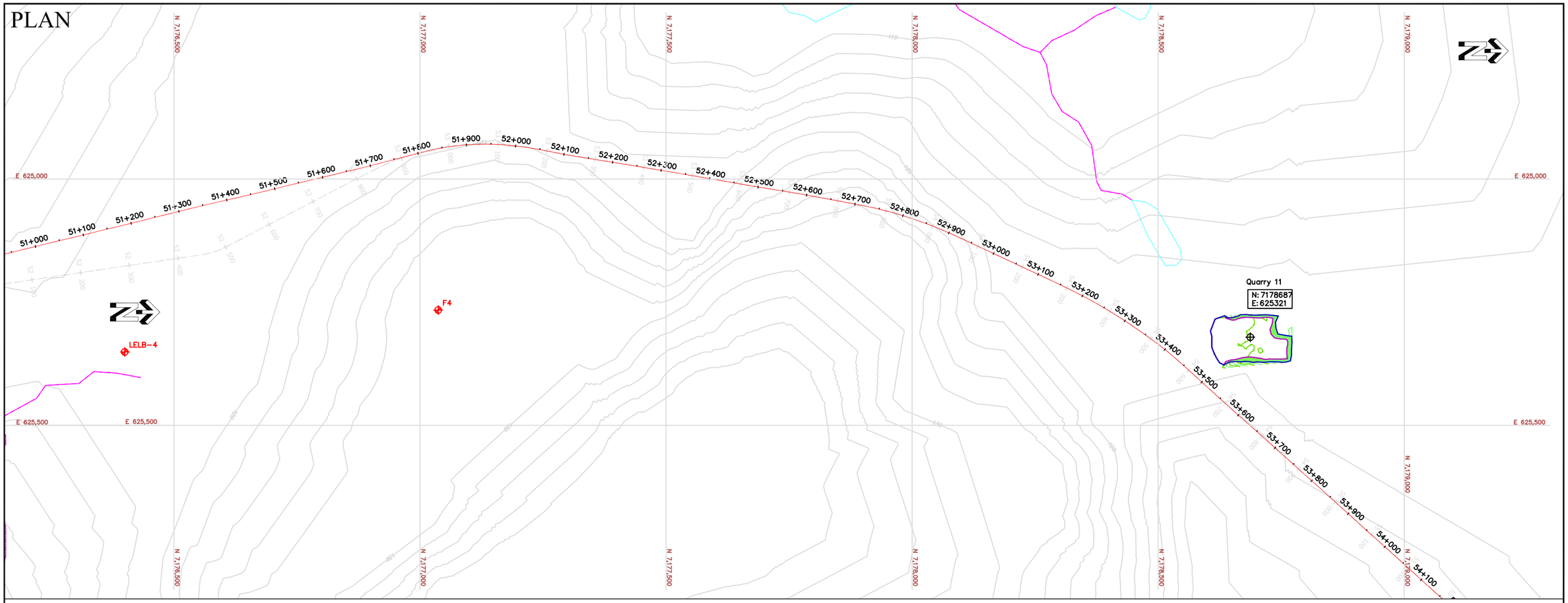
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
48+000 to 51+000	17 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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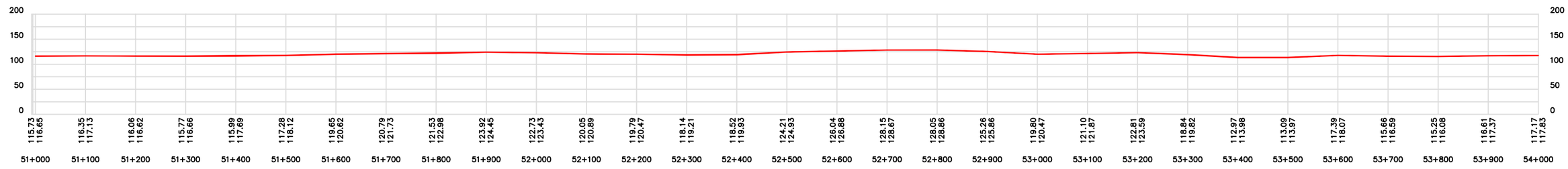


horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

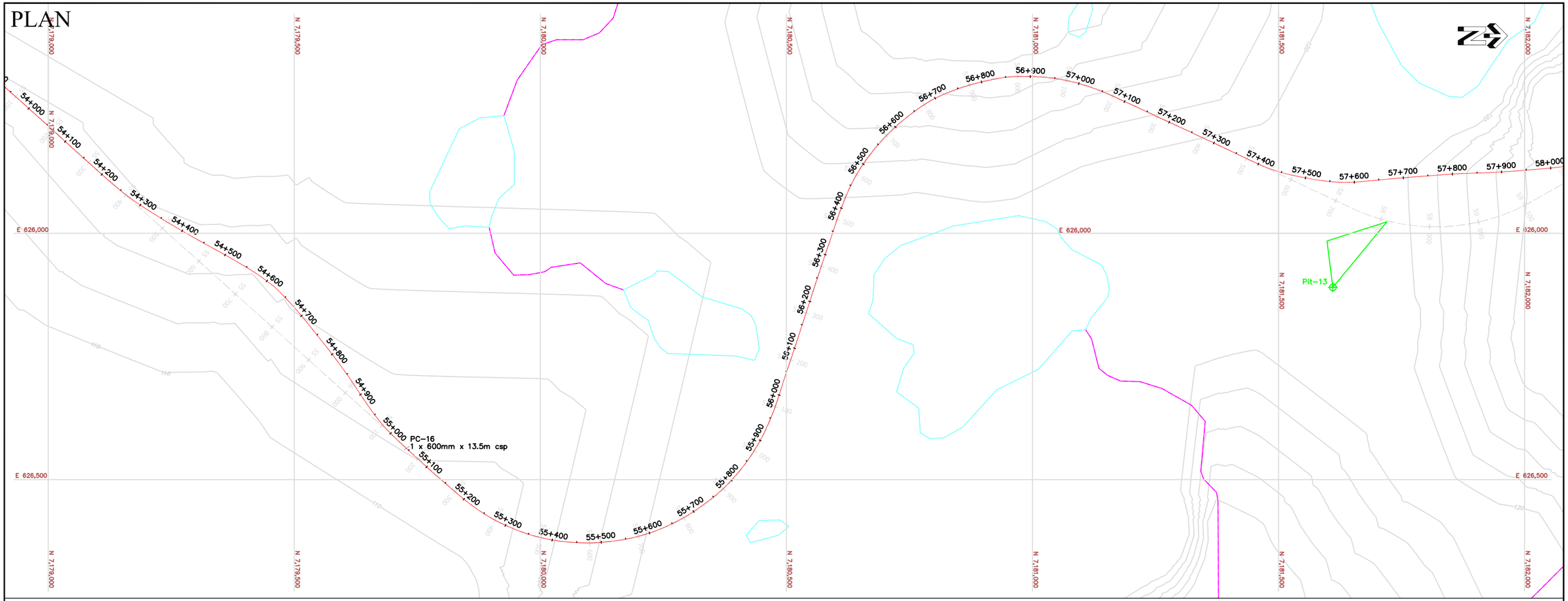
Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	51+000 to 54+000
Sheet	18 of 35
CAD	gc
Check	cg/hb
Date	March 31, 2008

PLAN



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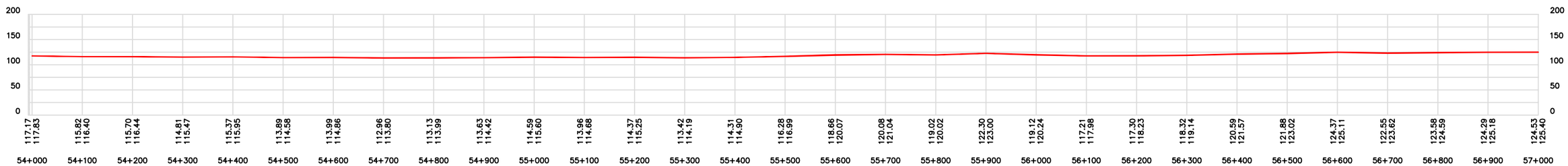


horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

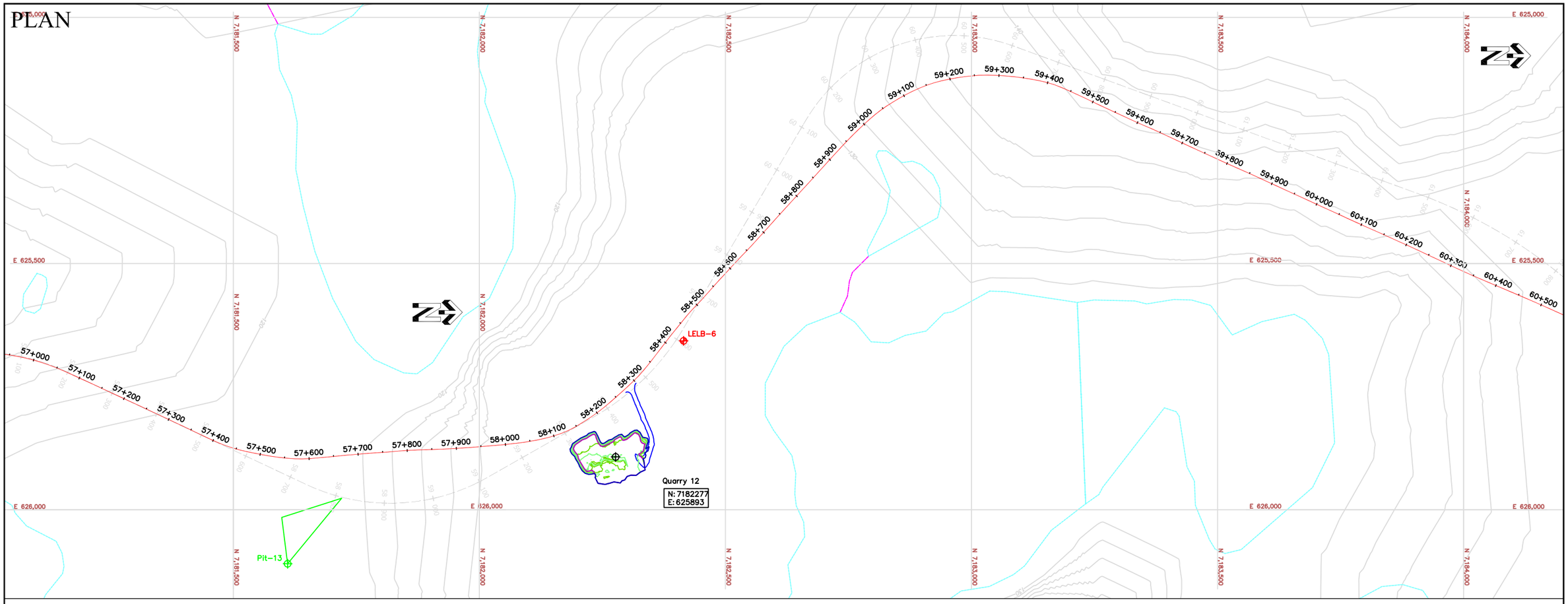
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
54+000 to 57+000	19 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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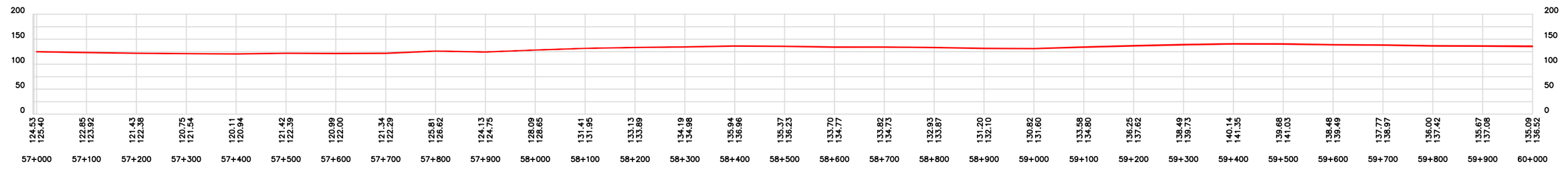


horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

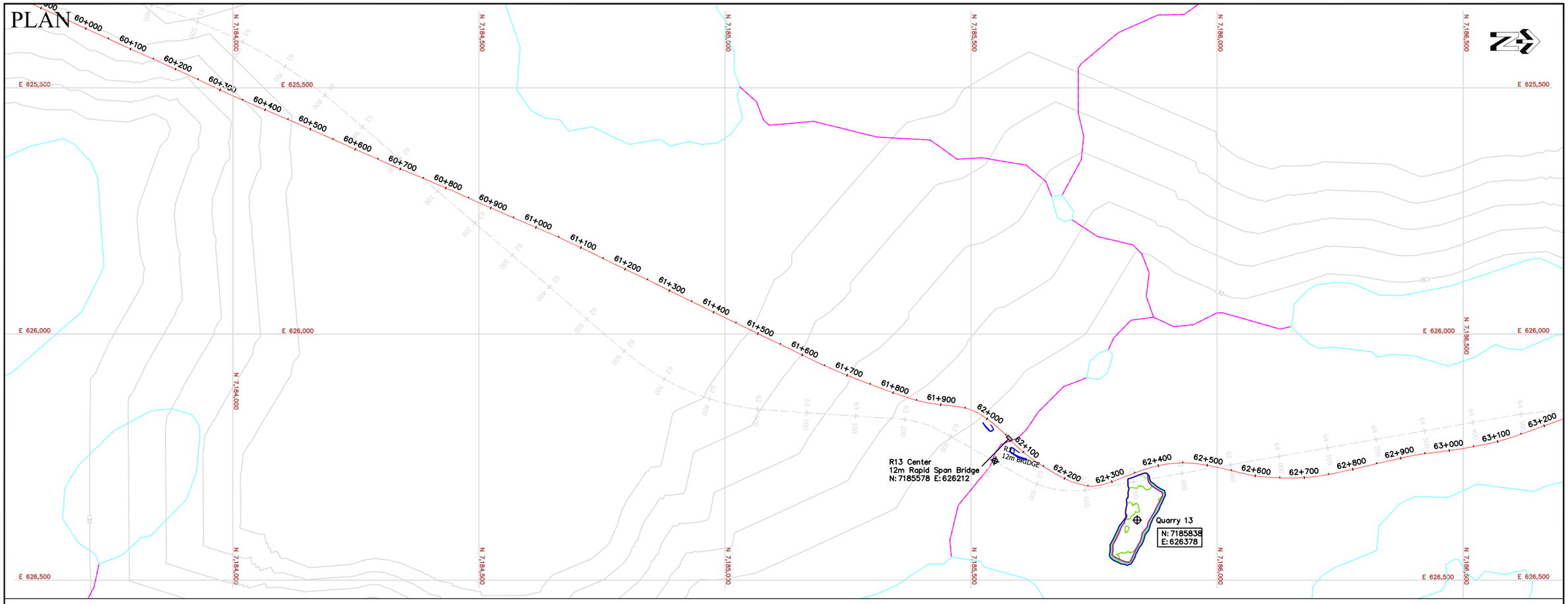
Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	57+000 to 60+000
Sheet	20 of 35
CAD	gc
Check	cg/hb
Date	March 31, 2008

PLAN



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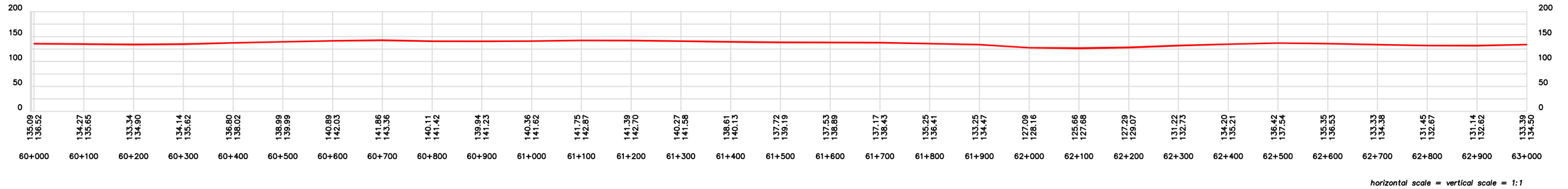

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GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

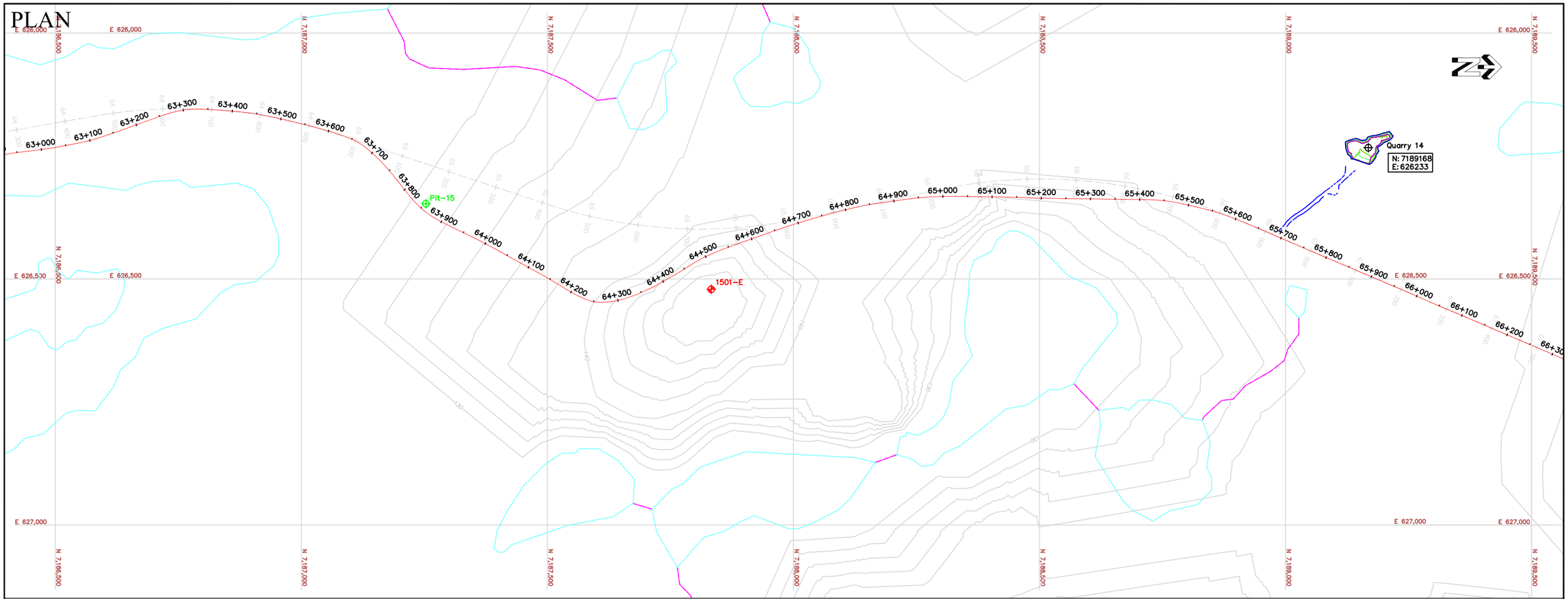
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
60+000 to 63+000	21 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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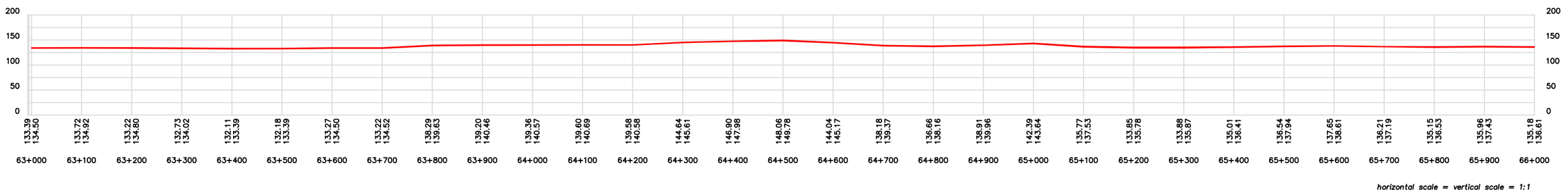

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GOLDER DATA

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- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
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- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

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- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

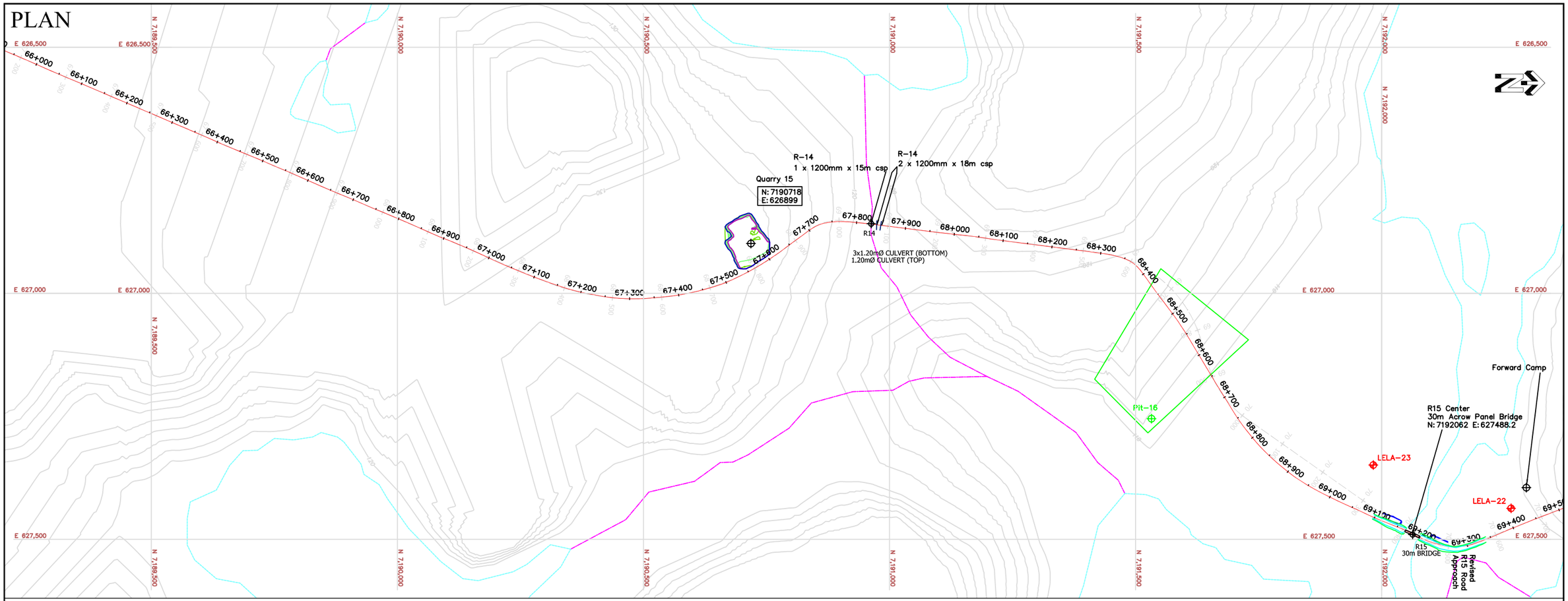
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
63+000 to 66+000	22 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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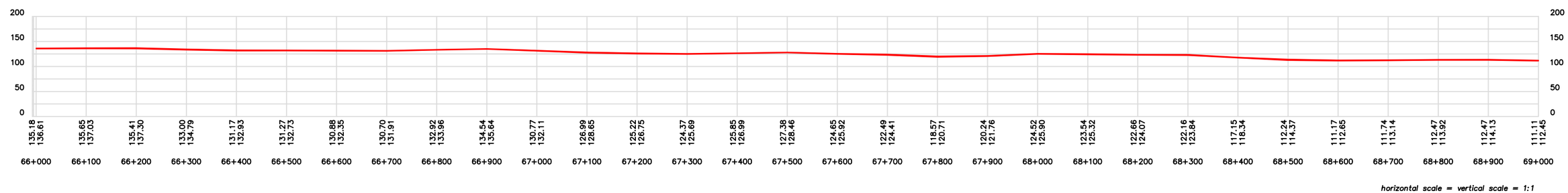

horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
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- 0+100 — Centerline of road with 100m stations
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- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

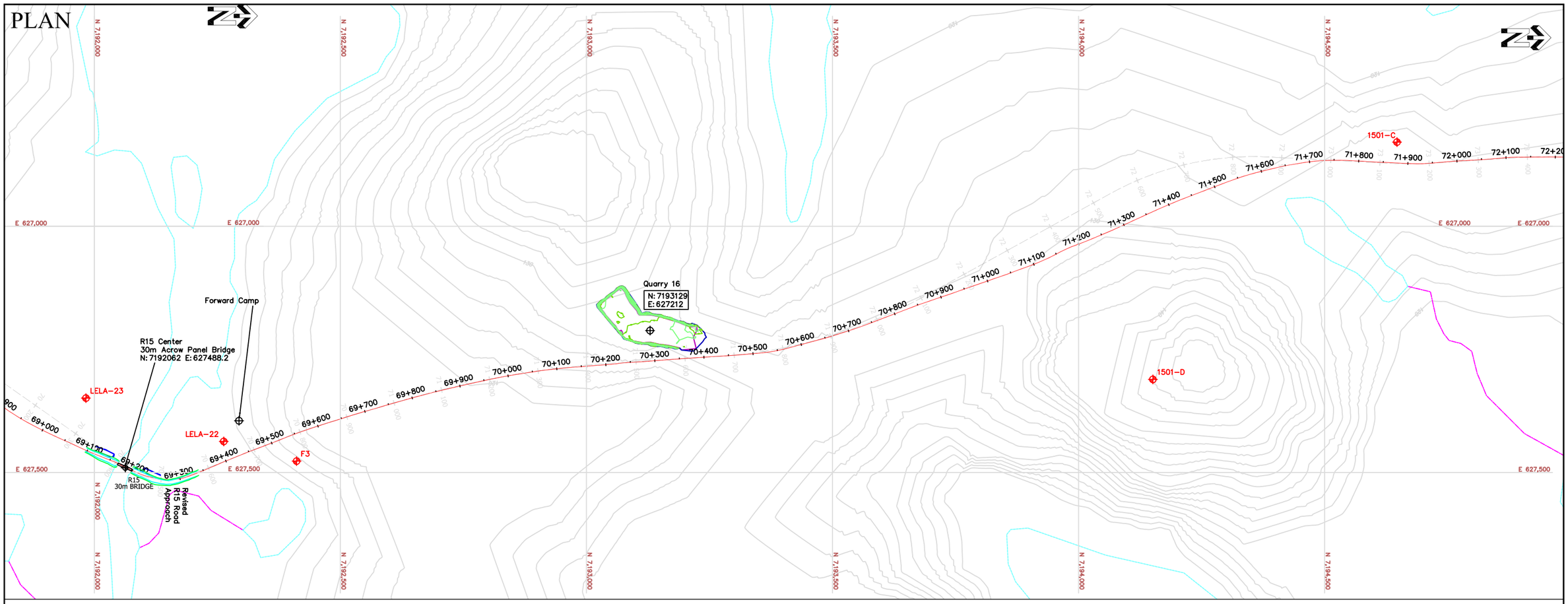
Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	66+000 to 69+000
Sheet	23 of 35
CAD	gc
Check	cg/hb
Date	May 5, 2008

PLAN



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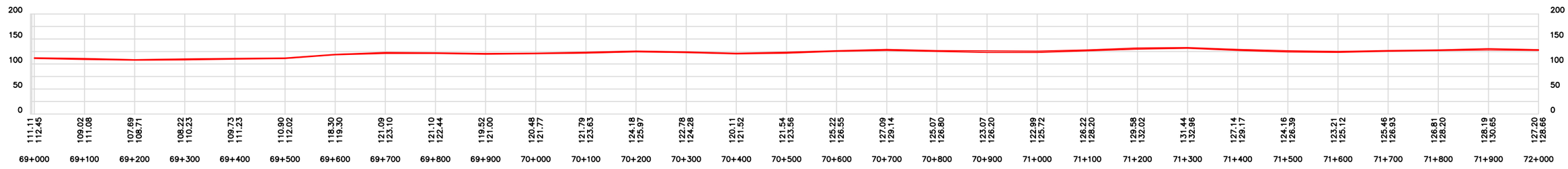

GOLDER DATA

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- 120 — Existing major contour (10m Topo)
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- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

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- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
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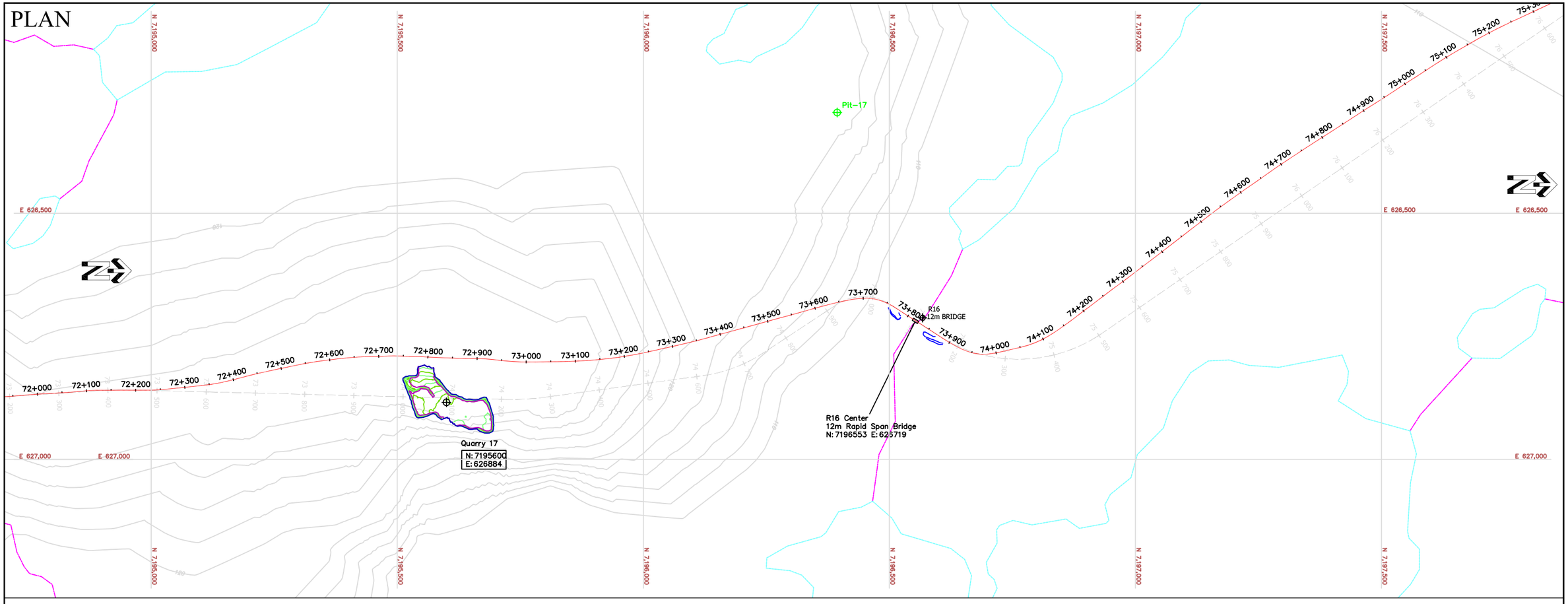
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	69+000 to 72+000
Sheet	24 of 35
CAD	gc
Check	cg/hb
Date	May 4, 2008

PLAN



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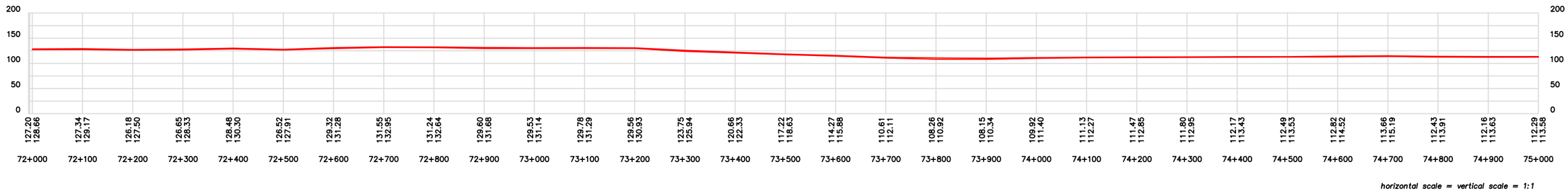

horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
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SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
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- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

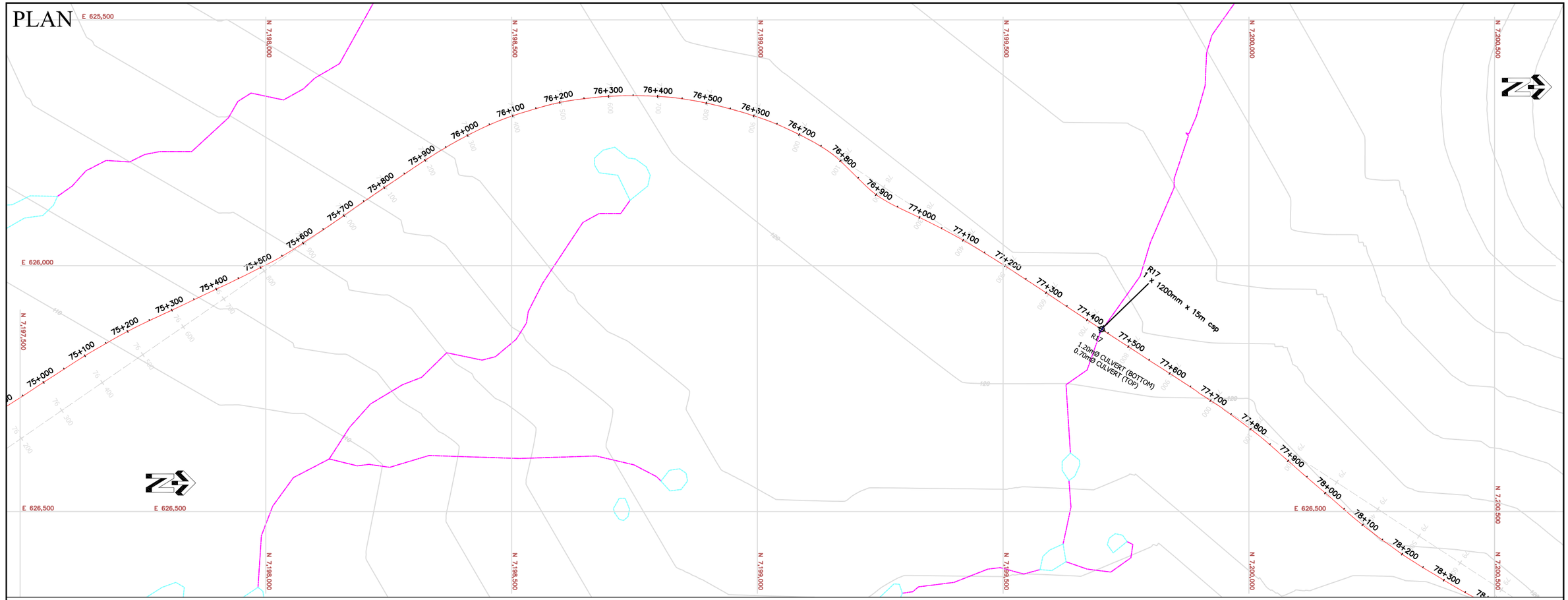
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
72+000 to 75+000	25 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



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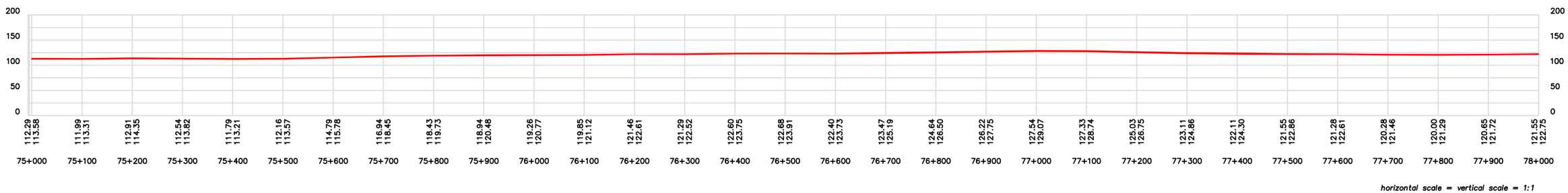

horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
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SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

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0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

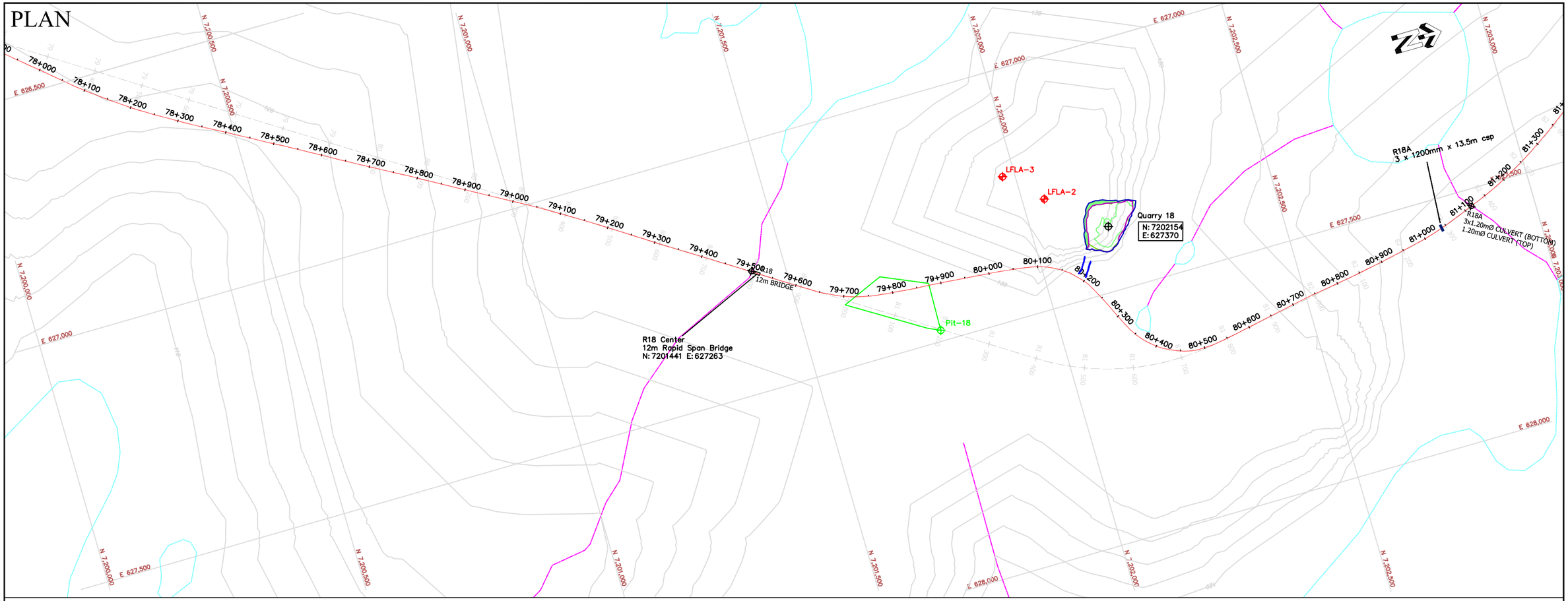
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
75+000 to 78+000	26 of 35

CAD	Check	Date
gc	cg/hb	May 4, 2008

PLAN



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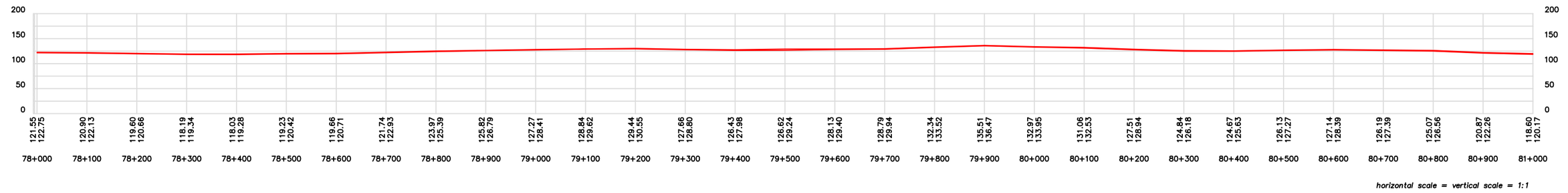

horizontal scale = vertical scale = 1:1

GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
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SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

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- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

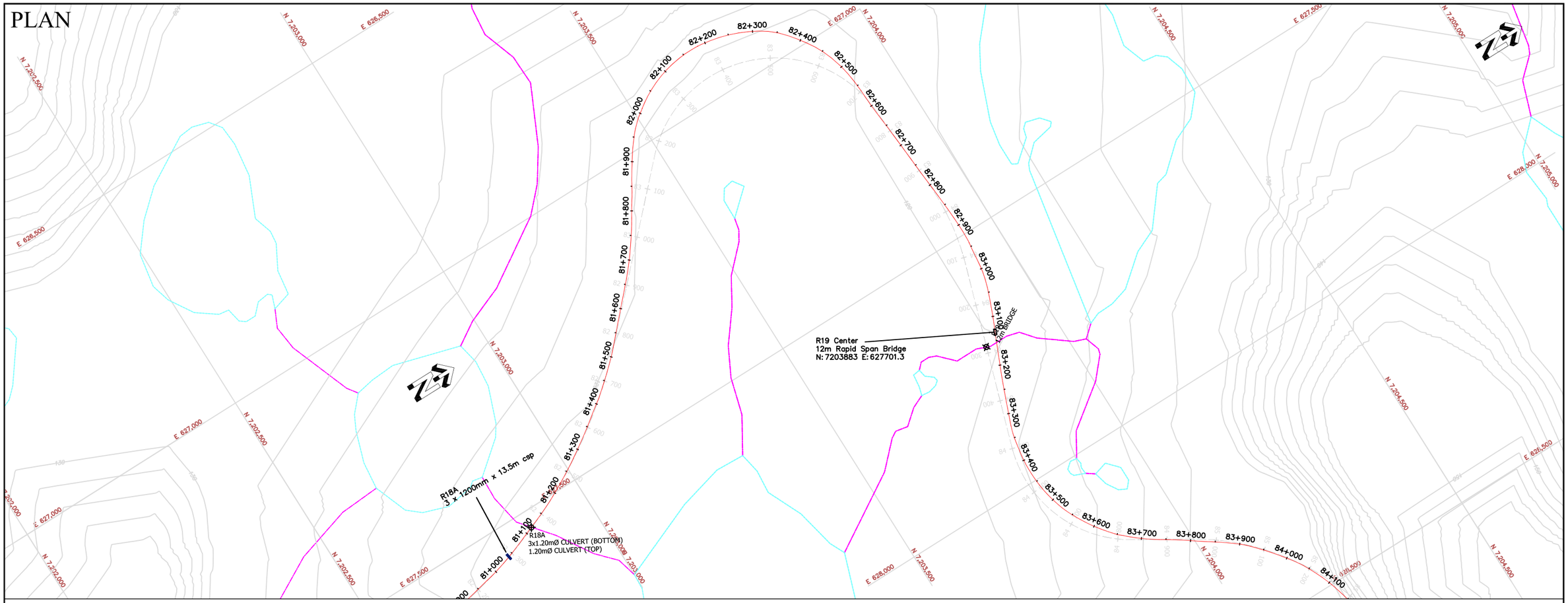
TITLE: As constructed Drawing - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
78+000 to 81+000	27 of 35

CAD	Check	Date
gc	cg/hb	May 4, 2008

PLAN



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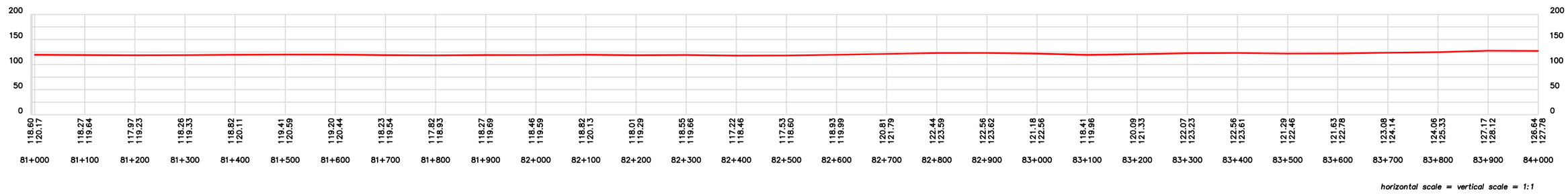

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GOLDER DATA

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- Pit-13 — Proposed quarry site
- Existing lake/stream
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SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

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0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
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5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

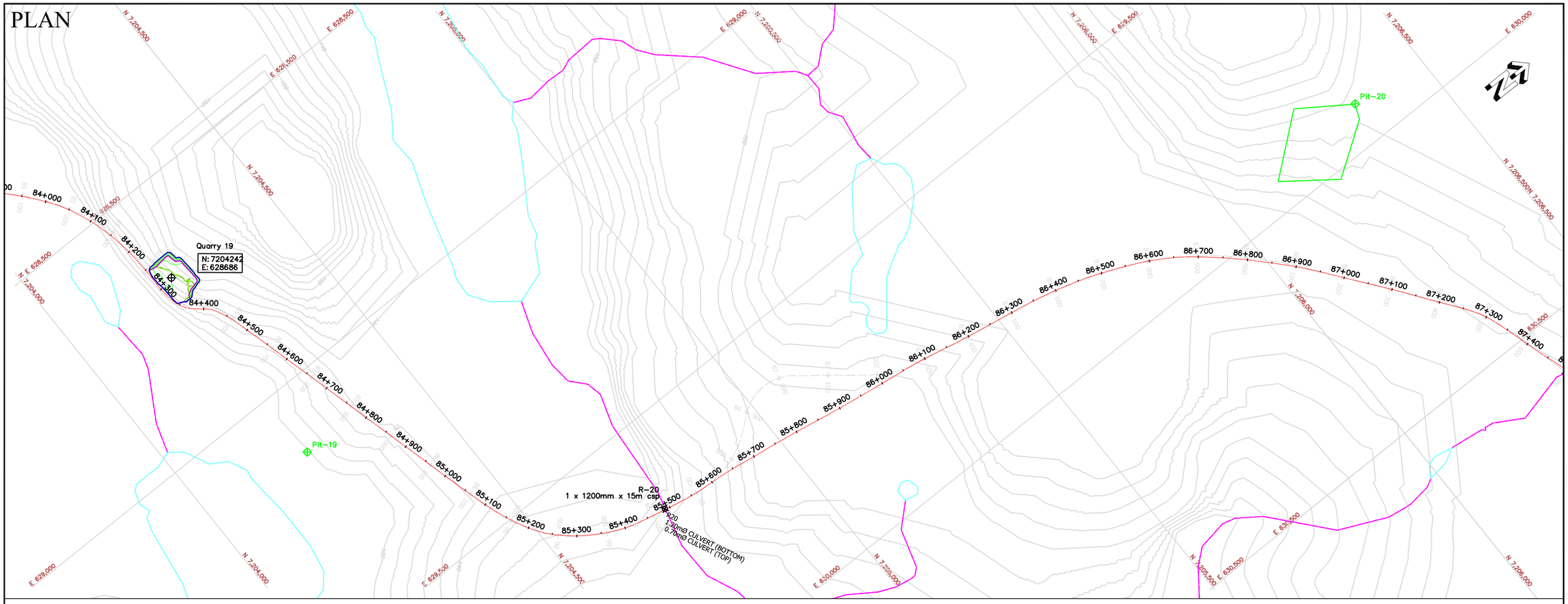
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

Stationing	Sheet
81+000 to 84+000	28 of 35

CAD	Check	Date
gc	cg/hb	May 01, 2008

PLAN



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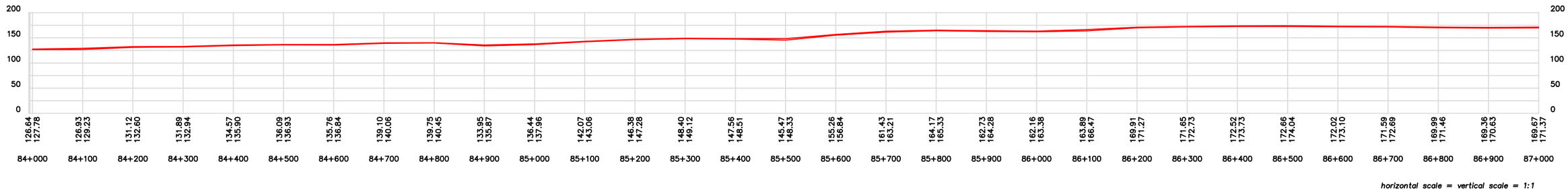

horizontal scale = vertical scale = 1:1

GOLDER DATA

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- Pit-13 — Proposed quarry site
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AS CONSTRUCTED DATA

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0m 100m 200m 300m

Scale 1: 8000

NOTES

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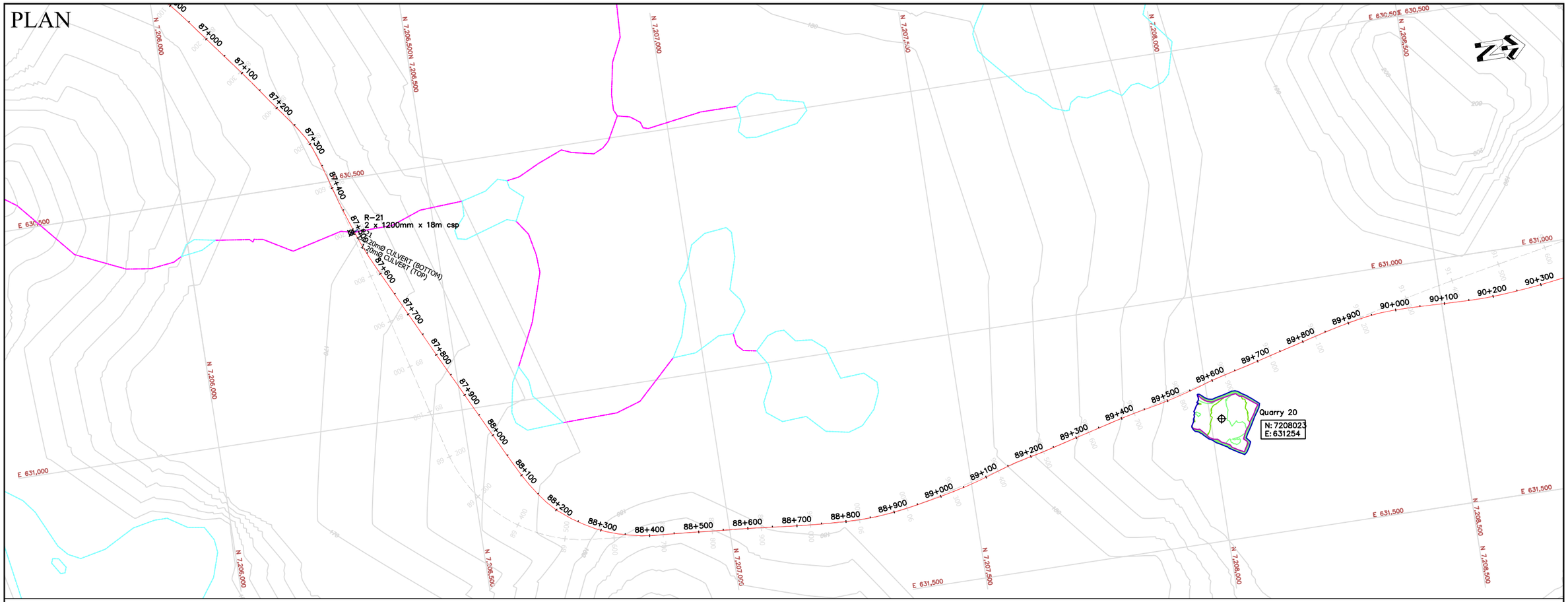
5. For bridge data, please refer to table 3.

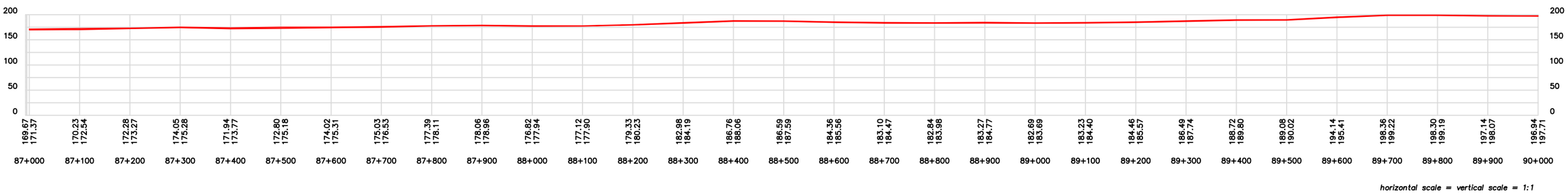
OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	Stationing: 84+000 to 87+000 — Sheet: 29 of 35
	CAD: gc — Check: cg/hb — Date: March 31, 2008

NUNA M & T SERVICES LTD.

PLAN



PROFILE



horizontal scale = vertical scale = 1:1

GOLDER DATA

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- Pit-13 — Proposed quarry site
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AS CONSTRUCTED DATA

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0m 100m 200m 300m

Scale 1: 8000

NOTES

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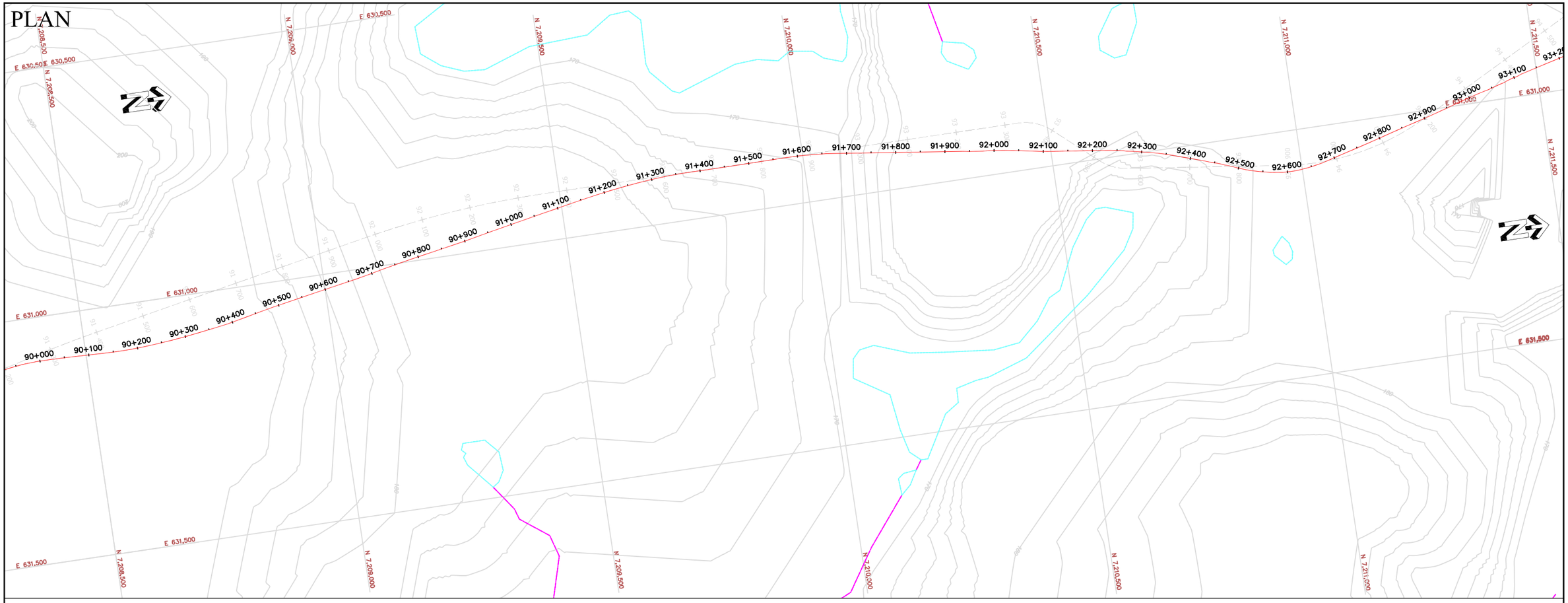
OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	NUNA M & T SERVICES LTD.
Stationing	87+000 to 90+000
Sheet	30 of 35
CAD	gc
Check	cg/hb
Date	March 31, 2008

PLAN



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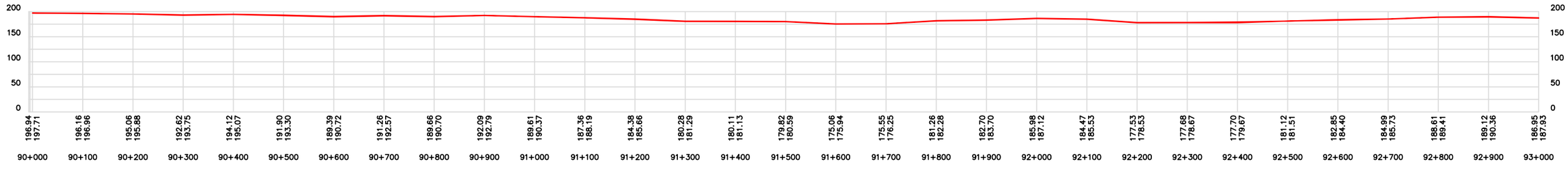

horizontal scale = vertical scale = 1:1

GOLDER DATA

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AS CONSTRUCTED DATA

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0m 100m 200m 300m

Scale 1: 8000

NOTES

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OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

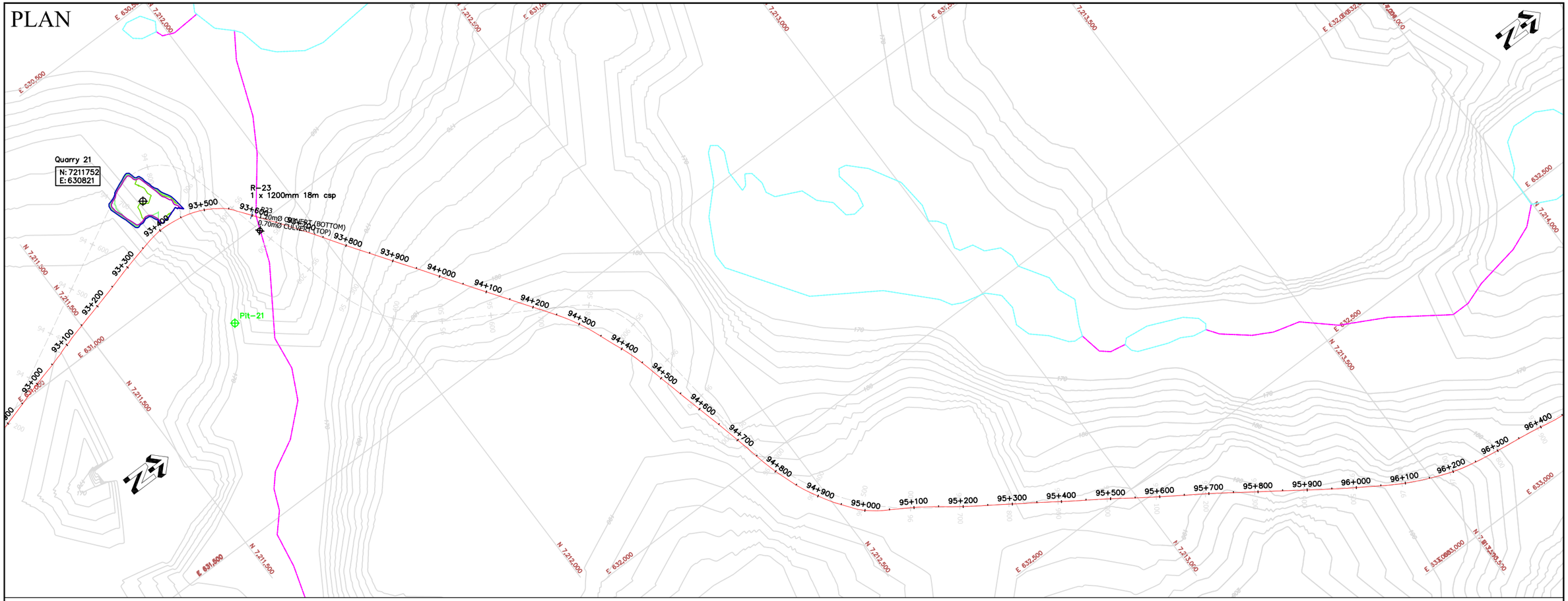
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

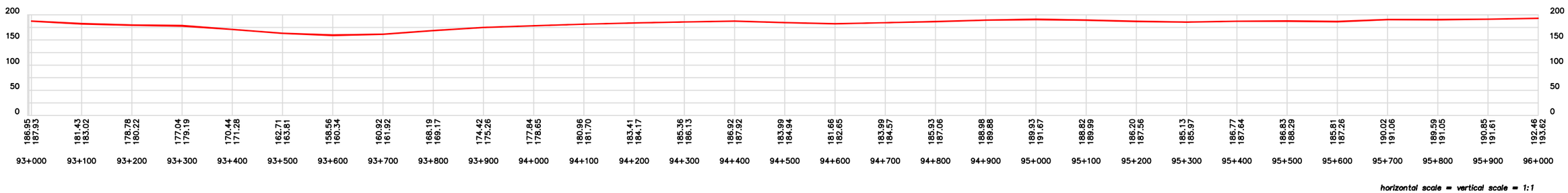
Stationing	Sheet
90+000 to 93+000	31 of 35

CAD	Check	Date
gc	cg/hb	March 31, 2008

PLAN



PROFILE



GOLDER DATA

- LfLa-3 — Existing archeological site
- Pit-13 — Proposed quarry site
- Existing lake/stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed ℄ of road alignment

SUSCEPTIBILITY: High; Medium-High; Medium; Low-Medium; Low; Unclassified

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 0+100 — Centerline of road with 100m stations
- R20 / PC-1 — River crossing - culvert 600mm/1200mm dia
- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

TITLE: As constructed drawings - Plan and Profile

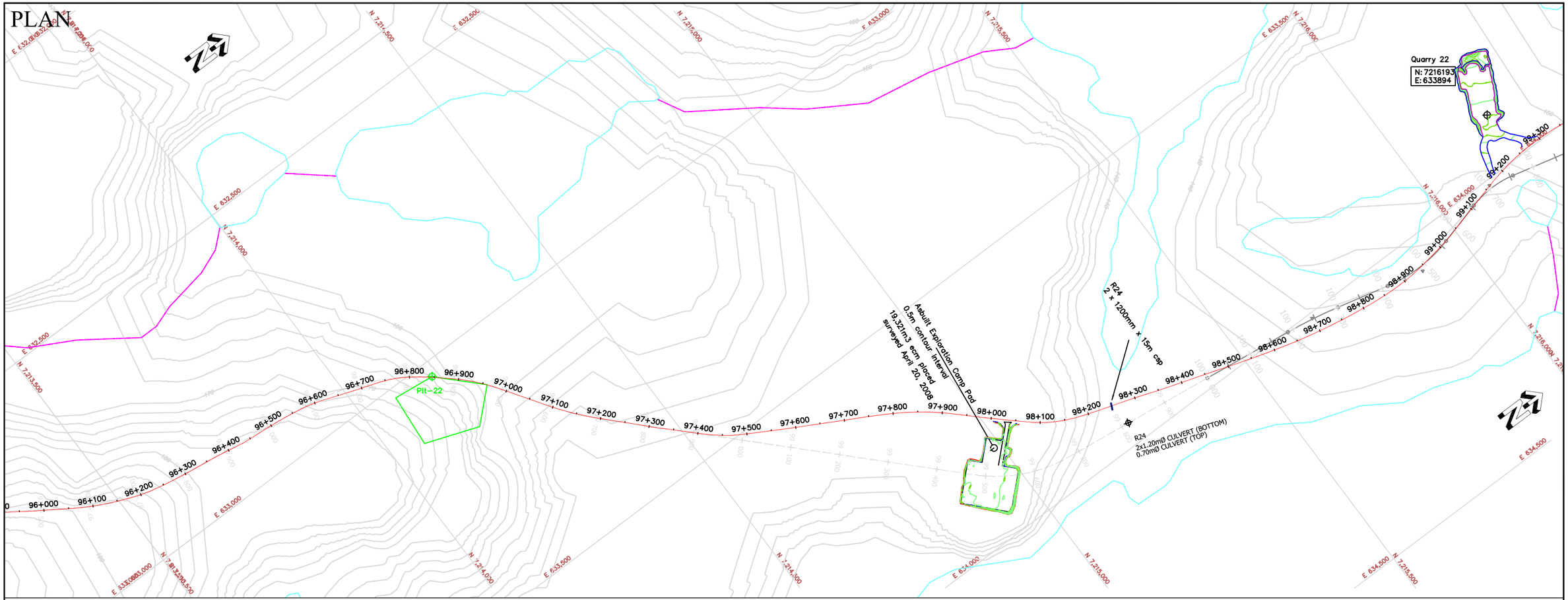
NUNA M & T SERVICES LTD.

Stationing: 93+000 to 96+000

Sheet: 32 of 35

CAD: gc | Check: cg/hb | Date: March 31, 2008

PLAN



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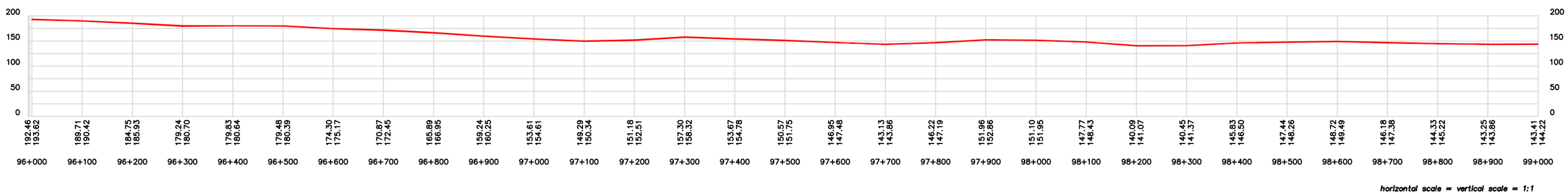

horizontal scale = vertical scale = 1:1

GOLDER DATA

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- R02 — River crossing - bridge 12m / 30m length

0m 100m 200m 300m

Scale 1: 8000

NOTES

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2. Golder data supplied by Cumberland/Agnico.
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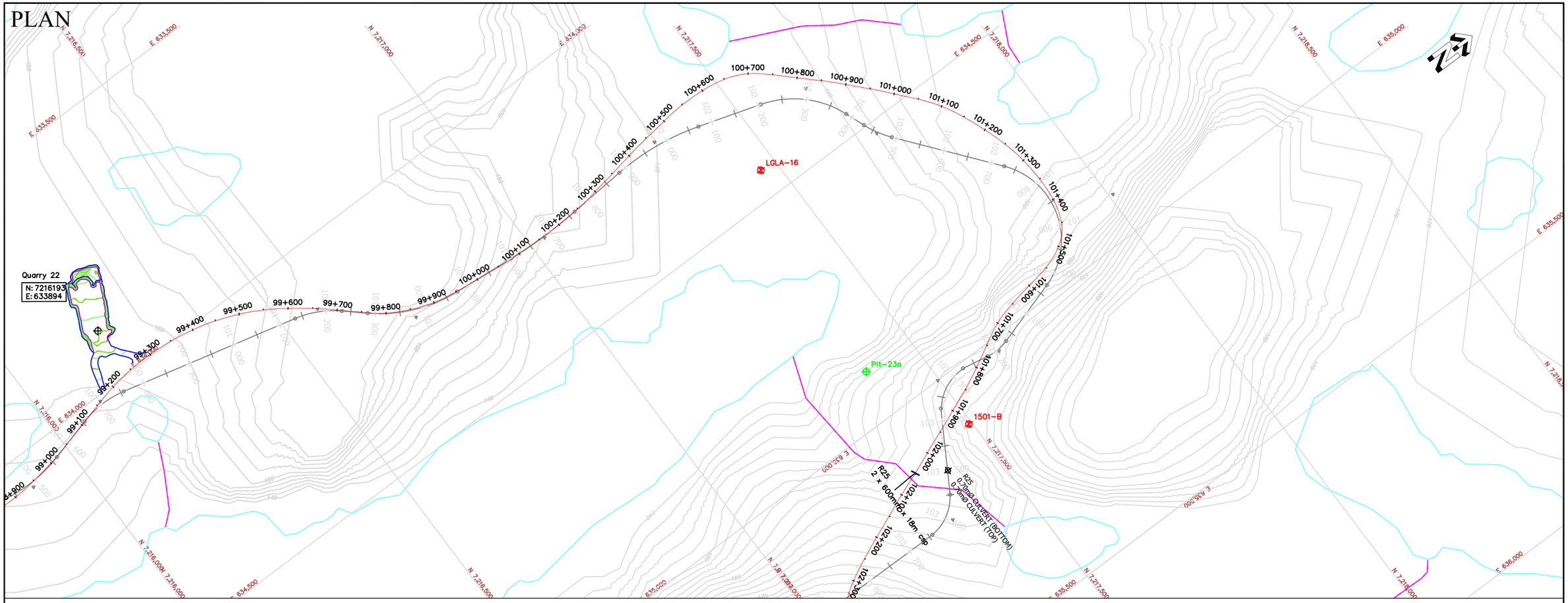
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	Stationing: 96+000 to 99+000 — Sheet: 33 of 35
	CAD: gc — Check: cg/hb — Date: May 4, 2008

NUNA M & T SERVICES LTD.

PLAN



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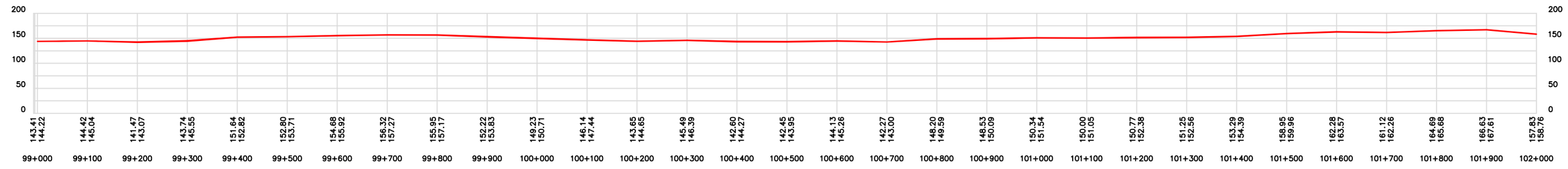

GOLDER DATA

LfLa-3	Existing archeological site	R02	River crossing (crossing structure and dimension)
Pit-13	Proposed quarry site	120	Existing major contour (10m Topo)
	Existing lake/stream		Existing minor contour (interpreted)
			Proposed ℄ of road alignment

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AS CONSTRUCTED DATA

172	Quarry as-built 2m major contour	0+100	Centerline of road with 100m stations
	Quarry as-built 1m minor contour	R20 PC-1	River crossing - culvert 600mm/1200mm dia
	Crest boundary of quarry limit at original ground	R02	River crossing - bridge 12m / 30m length
	Toe boundary of quarry excavation at bench grade		

0m 100m 200m 300m

Scale 1: 8000

NOTES

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3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER: Agnico-Eagle Mines Ltd. — Nunavut

PROJECT: Meadowbank Gold Project
Tehek Access Road Construction

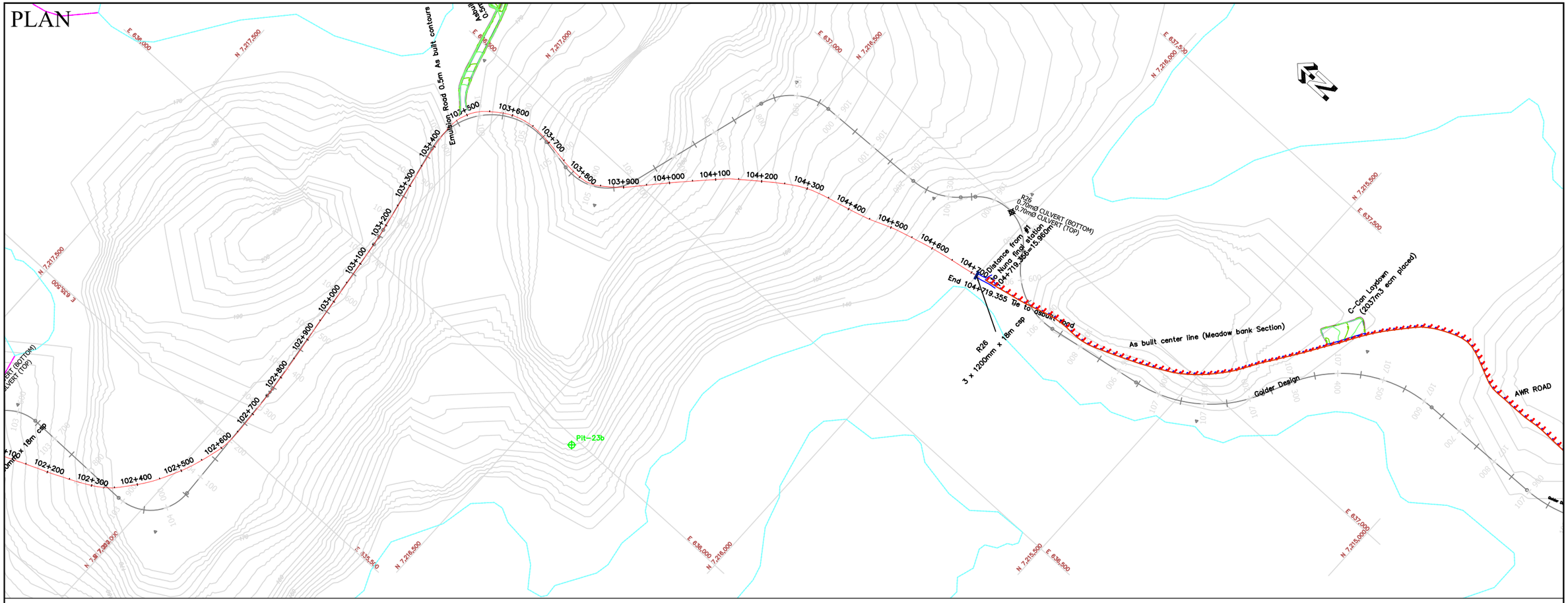
TITLE: As constructed drawings - Plan and Profile

NUNA M & T SERVICES LTD.

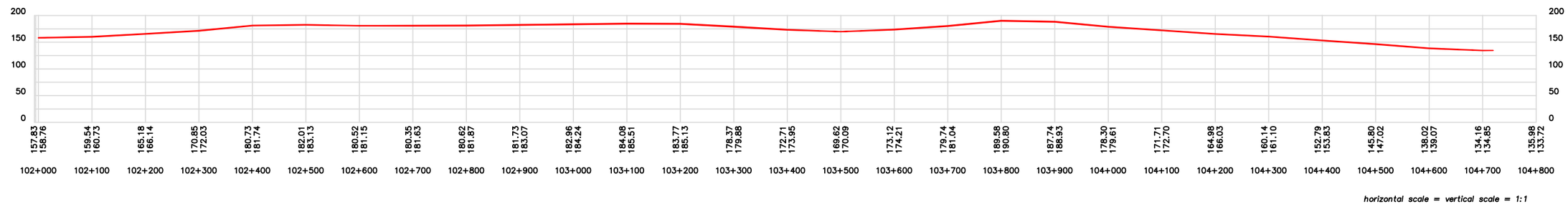
Stationing	Sheet
99+000 to 102+000	34 of 35

CAD	Check	Date
gc	cg/hb	May 4, 2008

PLAN



PROFILE



horizontal scale = vertical scale = 1:1

GOLDER DATA

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- Pit-13 — Proposed quarry site
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0m 100m 200m 300m

Scale 1: 8000

NOTES

1. Coordinate system NAD 83 UTM Zone 14N Geoid HTv2.
2. Golder data supplied by Cumberland/Agnico.
3. For quarry data, please refer to table 1.
4. For culvert data, please refer to table 2.
5. For bridge data, please refer to table 3.

OWNER	Agnico-Eagle Mines Ltd. — Nunavut
PROJECT	Meadowbank Gold Project Tehek Access Road Construction
TITLE	As constructed drawings - Plan and Profile
	Stationing: 102+000 to 104+719 — Sheet: 35 of 35
NUNA M & T SERVICES LTD.	CAD: gc — Check: cg/hb — Date: May 4, 2008

APPENDIX B

Photographic Log of Culverts

Culvert Installations Record

Identifier	Location	Install Date	Diameter of CSP			Quantity	Inlet			Outlet			Length	Comments
			CSP 1 (m)	CSP 2 (m)	CSP 3 (m)		Northing	Easting	Elevation	Northing	Easting	Elevation		
PRC1	Prince Road	24-Mar-07	0.6			1	7136210.2	646181.4	38.5	7136200.0	646190.7	38.4	14.0	
PRC2	Prince Road	24-Mar-07	0.6	0.6		2	7136247.4	646210.8	38.7	7136238.2	646220.9	38.6	13.5	
PRC2	Prince Road	24-Mar-07					7136248.1	646211.5	38.6	7136239.1	646221.5	38.6	13.5	
PRC3	Prince Road	24-Mar-07	0.6			1	7137086.5	646389.9	56.5	7137076.5	646398.8	56.2	13.5	
R-00A	AWR	24-Mar-07	0.6			1	7137879.0	645789.3	76.5	7137865.2	645783.6	76.2	15.0	
PC-14	AWR	25-Mar-07	0.6	0.6		2	7139218.6	644874.1	74.3	7139218.6	644892.4	73.6	18.0	
PC-14	AWR	25-Mar-07					7139219.8	644874.3	74.2	7139219.7	644892.6	73.6	18.0	
PC-15	AWR	19-Jun-07	0.6	0.6		2	7143427.4	643853.7	66.9	7143420.5	643859.8	66.6	9.0	CSP Removed Oct 22/07 and replaced with 1200 mm (PC-17)
PC-15	AWR	19-Jun-07					7143426.6	643852.5	66.9	7143419.3	643858.2	66.7	9.0	CSP Removed Oct 22/07 and replaced with 1200 mm (PC-17)
PC-17	AWR	22-Oct-07	1.2	1.2		2	7143437.1	643842.4	65.6	7143417.8	643861.2	65.1	27.0	Installed at same location as PC15
PC-17	AWR	22-Oct-07					7143438.9	643844.1	65.6	7143419.2	643862.5	65.0	27.0	
PC-1	AWR	17-Jul-07	0.6			1	7144488.1	643798.7	63.3	7144492.1	643811.9	62.9	13.5	
R-03	AWR	17-Jul-07	0.6			1	7145079.7	643583.3	61.3	7145084.7	643596.2	61.1	13.5	
R-04	AWR	19-Jul-07	1.2			1	7146459.0	643082.7	58.8	7146466.9	643099.1	58.6	18.0	
PC-13	AWR	18-Jul-07	0.6			1	7147108.4	642846.8	63.0	7147114.1	642859.2	62.6	13.5	
PC-2	AWR	2-Aug-07	0.6			1	7147733.6	642620.4	67.7	7147735.5	642633.9	67.1	13.5	
PC-3	AWR	25-Jun-07	0.6			1	7147995.1	642526.4	67.2	7148002.0	642543.3	66.9	18.0	
PC-4	AWR	29-Jul-07	0.6			1	7149104.2	642001.6	70.2	7149111.0	642013.4	69.9	13.5	
R-05A	AWR	16-Oct-07	1.2			1	7149627.2	641533.6	69.3	7149624.3	641555.9	68.8	22.5	
PC-5	AWR	25-Jul-07	0.6			1	7151758.4	640274.0	61.7	7151760.6	640287.6	61.5	13.5	
PC-6	AWR	25-Jul-07	0.6			1	7152532.0	640088.1	70.4	7152530.8	640101.6	70.1	13.5	
PC-7	AWR	28-Jul-07	0.6			1	7153797.8	639441.2	73.2	7153800.7	639454.7	72.8	13.5	
R-07	AWR	24-Oct-07	1.2			1	7157918.4	636367.9	79.9	7157925.7	636384.2	79.8	18.0	
PC-8	AWR	18-Oct-07	0.6			1	7161311.5	634845.9	107.0	7161320.4	634856.0	106.5	13.5	
PC-9	AWR	20-Oct-07	0.6			1	7164198.7	631469.6	126.9				13.0	Outlet coordinates unavailable due to snow cover and satellite link
PC-10	AWR	15-Jul-07	0.6			1	7165015.1	630685.8	138.8	7165001.7	630682.9	138.7	13.5	
PC-11	AWR	20-Oct-07	0.6			1	7167511.8	629977.4	160.0	7167513.3	629990.8	159.6	13.5	
PC-12	AWR	19-Oct-07	0.6			1	7169096.9	629726.1	106.7	7169090.9	629714.1	106.4	13.5	
PC-16	AWR	21-Oct-07	0.6			1	7179723.1	626439.5	113.3	7179734.2	626432.5	113.1	13.5	
R-14	AWR	22-Oct-07	1.2	1.2	1.2	3	7190965.8	626851.8	118.2	7190963.6	626866.6	117.8	15.0	installed @ Golder design station 69+067.6 Average cover 1.45m
R-14	AWR	1-May-08					7190974.3	626852.6	117.8	7190973.5	626870.6	117.4	18.0	installed @ Golder design station 69+077 Average cover 1.35m
R-14	AWR	30-Apr-08					7190983.5	626853.7	117.7	7190980.6	626871.6	117.3	18.0	installed @ Golder design station 69+085.2 Average cover 1.45m
R-17	AWR	29-Apr-08	1.2			1	7199704.5	626124.4	122.1	7199695.6	626136.2	121.9	15.0	Average cover over csp 0.6m
R-18A	AWR	29-Apr-08	1.2	1.2	1.2	3	7202800.6	627554.0	118.6	7202803.0	627567.2	118.3	13.5	Average cover over csp 0.6m
		29-Apr-08					7202802.5	627553.6	118.6	7202804.8	627567.0	118.3	13.5	Average cover over csp 0.6m
		29-Apr-08					7202804.2	627553.3	118.5	7202806.5	627566.4	118.3	13.5	Average cover over csp 0.6m
R-20	AWR	2-Nov-07	1.2			1	7204727.8	629687.4	145.6	7204729.7	629672.4	145.3	15.0	
R-21	AWR	11-Nov-08	1.2	1.2		2	7206346.8	630604.7	172.7	7206329.9	630611.4	172.5	18.0	
R-21	AWR	11-Nov-08					7206347.4	630606.3	172.7	7206330.5	630613.0	172.6	18.0	
R-23	AWR	11-Dec-08	1.2			1	7211904.8	630981.9	158.6	7211919.4	630971.0	158.4	18.0	
R-24	AWR	28-Apr-08	1.2	1.2		2	7215230.1	633901.6	137.6	7215223.8	633914.9	137.5	15.0	Average cover over csp 1.1m
R-24	AWR	28-Apr-08					7215231.7	633902.2	137.6	7215225.6	633915.8	137.4	15.0	Average cover over csp 1.1m
R-25	AWR	27-Apr-08	0.6	0.6		2	7217350.3	635131.7	154.5	7217343.0	635115.4	154.4	18.0	Average cover over csp 2.4m
R-25	AWR	27-Apr-08					7217351.4	635131.2	154.5	7217344.1	635114.8	154.5	18.0	Additional CSP installed at request of Boban (Hatch) Cover 2.4m
R-26	AWR	24-Apr-08	1.2	1.2	1.2	3	7216000.8	636854.4	133.7	7215996.8	636836.9	133.4	18.0	Average cover over csp 1.2m
R-26	AWR	24-Apr-08					7216002.6	636853.9	133.7	7215998.6	636836.6	133.3	18.0	Average cover over csp 1.2m
R-26	AWR	24-Apr-08					7216004.4	636853.5	133.6	7216000.4	636836.2	133.3	18.0	Average cover over csp 1.2m
EMR-1	EMR	2-May-08	0.6	0.6	0.6	3	7217162.3	636626.6	165.9	7217177.4	636616.4	165.2	18.0	Average cover over csp 1.2m
EMR-2	EMR	2-May-08					7217163.0	636627.7	165.8	7217178.1	636617.4	165.2	18.0	Average cover over csp 1.2m
EMT-3	EMR	2-May-08					7217163.8	636628.7	165.8	7217178.7	636618.4	165.1	18.0	Average cover over csp 1.2m

PHOTOGRAPH 1 – PRC-1, km 0+430
Date Photo: October 4, 2008 Photo Number: IMG_1469
Description: Downstream view. Looking southwest.

PHOTOGRAPH 2 – PRC-1, km 0+430
Date Photo: October 4, 2008 Photo Number: IMG_1470
Description: Upstream view. Looking northeast.

PHOTOGRAPH 3 – PRC-1, km 0+430
Date Photo: October 4, 2008 **Photo Number**: IMG_1471
Description: View looking from Baker Lake towards Meadowbank, looking north.

PHOTOGRAPH 4 – PRC-3, km 1+380
Date Photo: October 4, 2008 **Photo Number**: IMG_1472
Description: View looking upstream (right side road heading to Meadowbank), looking north.

PHOTOGRAPH 5 – PRC-3, km 1+380
Date Photo: October 4, 2008 **Photo Number**: IMG_1473
Description: Downstream view, looking east.

PHOTOGRAPH 6 – PRC-3, km 1+380
Date Photo: October 4, 2008 **Photo Number**: IMG_1474
Description: View looking downstream to upstream through culvert, looking east.

PHOTOGRAPH 7 – ROOA, km 2+550
Date Photo: October 4, 2008 Photo Number: IMG_1475
Description: Upstream view (right side of road) looking northwest.

PHOTOGRAPH 8 – ROOA, km 2+550
Date Photo: October 4, 2008 Photo Number: IMG_1476
Description: Downstream view (left side of road) heading to Meadowbank, looking northwest.

PHOTOGRAPH 9 – ROOA, km 2+550
Date Photo: October 4, 2008 Photo Number: IMG_1477
Description: Slightly damaged culvert, no impact or concern. Small amount of ice in culvert. Looking through culvert from downstream to upstream. Looking northeast.

PHOTOGRAPH 10 – PC-14, km 4+260
Date Photo: October 4, 2008 Photo Number: IMG_1478
Description: Downstream view (right side of road, heading to Meadowbank). Looking east.

PHOTOGRAPH 11 – PC-14, km 4+260
Date Photo: October 4, 2008 Photo Number: IMG_1479
Description: Upstream view. Looking east.

PHOTOGRAPH 12 – PC-14, km 4+260
Date Photo: October 4, 2008 Photo Number: IMG_1480
Description: View looking upstream to downstream through culverts. Looking east.

PHOTOGRAPH 13 – PC-14, km 4+260
Date Photo: October 4, 2008 Photo Number: IMG_1481
Description: View looking upstream to downstream through culvert. Looking east.

PHOTOGRAPH 14 – PC-17, km 8+830
Date Photo: October 4, 2008 Photo Number: IMG_1494
Description: Upstream view. Looking north.

PHOTOGRAPH 15 – PC-17, km 8+830
Date Photo: October 4, 2008 Photo Number: IMG_1495
Description: Downstream view. Looking north.

PHOTOGRAPH 16 – PC-17, km 8+830
Date Photo: October 4, 2008 Photo Number: IMG_1496
Description: View looking upstream with both in good condition and unobstructed. Looking north.

PHOTOGRAPH 17 – PC-1, km 9+952
Date Photo: October 4, 2008 Photo Number: IMG_1497
Description: Downstream view (right side of road heading to Meadowbank). Looking south.

PHOTOGRAPH 18 – PC-1, km 9+952
Date Photo: October 4, 2008 Photo Number: IMG_1498
Description: Upstream view. Looking north.

PHOTOGRAPH 19 – PC-1, km 9+952
Date Photo: October 4, 2008 **Photo Number**: IMG_1499
Description: Looking through culvert from upstream to downstream. Good condition. Looking east.

PHOTOGRAPH 20 – R-03, km 10+580
Date Photo: October 4, 2008 **Photo Number**: IMG_1501
Description: Downstream view. Looking east.

PHOTOGRAPH 21 – R-03, km 10+580
Date Photo: October 4, 2008 Photo Number: IMG_1502
Description: Upstream view. Looking west.

PHOTOGRAPH 22 – R-03, km 10+580
Date Photo: October 4, 2008 Photo Number: IMG_1504
Description: View looking upstream to downstream through culvert. Good condition. Looking east.

PHOTOGRAPH 23 – R-04, km 12+050
Date Photo: October 4, 2008 Photo Number: IMG_1506
Description: Downstream view. Looking east.

PHOTOGRAPH 24 – R-04, km 12+050
Date Photo: October 4, 2008 Photo Number: IMG_1507
Description: View looking upstream to downstream through culvert with 2 rocks in culvert although not a barrier to flow. Good condition. Looking east.

PHOTOGRAPH 25 – PC-13, km 12+745
Date Photo: October 4, 2008 Photo Number: IMG_1508
Description: Downstream view (right side of road heading to Meadowbank). Looking northeast.

PHOTOGRAPH 26 – PC-13, km 12+745
Date Photo: October 4, 2008 Photo Number: IMG_1509
Description: View looking northwest at upstream side of culvert.

PHOTOGRAPH 27 – PC-13, km 12+745
Date Photo: October 4, 2008 Photo Number: IMG_1510
Description: View looking from upstream to downstream through culvert partially crushed on top. No obstructions. Looking northeast.

PHOTOGRAPH 28 – PC-3, km 13+685
Date Photo: October 4, 2008 Photo Number: IMG_1515
Description: Downstream view, culvert broken, but extending beyond road bed. Looking north.

PHOTOGRAPH 29 – PC-3, km 13+685
Date Photo: October 4, 2008 Photo Number: IMG_1516
Description: Downstream broken end.

PHOTOGRAPH 30 – PC-3, km 13+685
Date Photo: October 4, 2008 Photo Number: IMG_1517
Description: Upstream view (left side of road, heading to Meadowbank). No obstructions. Looking southwest.

PHOTOGRAPH 31 – R-05A, km 15+645
Date Photo: October 4, 2008 Photo Number: IMG_1518
Description: Downstream view (right side of road heading to Meadowbank). Looking east.

PHOTOGRAPH 32 – R-05A, km 15+645
Date Photo: October 4, 2008 Photo Number: IMG_1519
Description: Upstream view. Looking west.

PHOTOGRAPH 33 – R-05A, km 15+645
Date Photo: October 4, 2008 Photo Number: IMG_1520
Description: View looking from upstream to downstream with slight deformation of top of culvert, under road. No obstructions. Looking east.

PHOTOGRAPH 34 – R-05A, km 15+645
Date Photo: October 4, 2008 Photo Number: IMG_1521
Description: Pool at base of upstream culvert end (below culvert). Looking east.

PHOTOGRAPH 35 – PC-6, km 19+075
Date Photo: October 4, 2008 Photo Number: IMG_1528
Description: Downstream view (right of road heading north to Meadowbank). Looking north.

PHOTOGRAPH 36 – PC-6, km 19+075
Date Photo: October 4, 2008 Photo Number IMG_1529
Description: Upstream view. Looking northwest.

PHOTOGRAPH 37 – PC-6, km 19+075
Date Photo: October 4, 2008 Photo Number: IMG_1530
Description: View looking from upstream to downstream with a few rocks within base of culvert, not a barrier to flow. Good condition. Looking northeast.

PHOTOGRAPH 38 – PC-7, km 20+505
Date Photo: October 4, 2008 Photo Number: IMG_1531
Description: Downstream view of culvert (right side of road heading to Meadowbank). Looking east.

PHOTOGRAPH 39 – PC-7, km 20+505
Date Photo: October 4, 2008 Photo Number: IMG_1532
Description: Upstream view. Culvert unobstructed and in good condition. Looking west.

PHOTOGRAPH 40 – R-07, km 25+900
Date Photo: October 4, 2008 Photo Number: IMG_1543
Description: Downstream view. Looking northeast.

PHOTOGRAPH 41 – R-07, km 25+900
Date Photo: October 4, 2008 Photo Number: IMG_1544
Description: Upstream view. No obstructions and in good condition. Looking southeast.

PHOTOGRAPH 42 – PC-8, km 29+785
Date Photo: October 4, 2008 Photo Number: IMG_1548
Description: Downstream view. Looking east.

PHOTOGRAPH 43 – PC-8, km 29+785
Date Photo: October 4, 2008 Photo Number: IMG_1549
Description: Upstream view. No obstructions and in good condition. Looking west.

PHOTOGRAPH 44 – R-14, km 67+840
Date Photo: October 4, 2008 Photo Number: IMG_1610
Description: Upstream view of culverts, near one in photo has some crushing and deformation of culvert. Looking south.

PHOTOGRAPH 45 – R-14, km 67+840
Date Photo: October 4, 2008 Photo Number: IMG_1612
Description: Downstream view of 3 culverts, far one in photo is the one with some crushing observed. Looking north.

PHOTOGRAPH 46 – R-14, km 67+840
Date Photo: October 4, 2008 Photo Number: IMG_1616
Description: Furthest north of 3 culverts has some crushing and deformations evident. No obstructions. Other culverts in good condition.

PHOTOGRAPH 47 – R-17, km 77+440
Date Photo: October 4, 2008 Photo Number: IMG_1641
Description: Downstream view. Looking southeast.

PHOTOGRAPH 48 – R-17, km 77+440

Date Photo: October 4, 2008 Photo Number: IMG_1642
Description: Upstream view. No definitive channel. Culvert unobstructed and in good condition.

PHOTOGRAPH 49 – R-20, km 85+490
Date Photo: October 4, 2008 Photo Number: IMG_1666
Description: Upstream view (right side of road heading to Meadowbank). Looking east.

PHOTOGRAPH 50 – R-20, km 85+490
Date Photo: October 4, 2008 Photo Number: IMG_1667
Description: Downstream view. Looking west.

PHOTOGRAPH 51 – R-20, km 85+490
Date Photo: October 4, 2008 Photo Number: IMG_1668
Description: View looking through culvert from downstream to upstream, unobstructed and in good condition. Looking east.

PHOTOGRAPH 52 – R-21, km 87+500
Date Photo: October 4, 2008 Photo Number: IMG_1669
Description: Looking downstream to upstream through culverts (right side of road to left side, heading to Meadowbank). Small boulder above culvert evident. Looking north.

PHOTOGRAPH 53 – R-21, km 87+500
Date Photo: October 4, 2008 Photo Number: IMG_1670
Description: Downstream view. Looking south.

PHOTOGRAPH 54 – R-21, km 87+500
Date Photo: October 4, 2008 Photo Number: IMG_1671
Description: Upstream view. Good condition and unobstructed. Looking north.

PHOTOGRAPH 55 – R-23, km 93+600
Date Photo: October 4, 2008 Photo Number: IMG_1681
Description: Upstream view (right side of road). Looking southeast.

PHOTOGRAPH 56 – R-23, km 93+600
Date Photo: October 4, 2008 Photo Number: IMG_1682
Description: Downstream view (left side of road). Looking northwest.

PHOTOGRAPH 57 – R-23, km 93+600
Date Photo: October 4, 2008 Photo Number: IMG_1683
Description: Looking from downstream to upstream through culvert. Small degree of crushing along haunch evident. No obstruction. Looking southeast.

PHOTOGRAPH 58 – R-24, km 98+250
Date Photo: October 4, 2008 Photo Number: IMG_1684
Description: Downstream view (right side of road heading to Meadowbank). Looking southeast.

PHOTOGRAPH 59 – R-24, km 98+250
Date Photo: October 4, 2008 Photo Number: IMG_1685
Description: Looking downstream to upstream through culverts. Note different elevation of culverts. Culvert on the left showing some crushing, on right only slightly deformed. Looking northwest.

PHOTOGRAPH 60 – R-24, km 98+250
Date Photo: October 4, 2008 Photo Number: IMG_1686
Description: Looking downstream to upstream with some deformations of culvert (left of double culverts shown in Photograph 59). Looking northwest.

PHOTOGRAPH 61 – R-24, km 98+250
Date Photo: October 4, 2008 Photo Number: IMG_1687
Description: Looking downstream to upstream. Slight deformation of culvert (left of double culverts shown in Photograph 59). Looking northwest.

PHOTOGRAPH 62 – R-24, km 98+250
Date Photo: October 4, 2008 Photo Number: IMG_1688
Description: Upstream view. Looking northwest.

PHOTOGRAPH 63 – R-25, km 102+050
Date Photo: October 4, 2008 Photo Number: IMG_1694
Description: Downstream view of culverts, both culverts are not at equal elevation. Looking north.

PHOTOGRAPH 64 – R-25, km 102+050
Date Photo: October 4, 2008 Photo Number: IMG_1695
Description: Downstream view. Looking northeast.

PHOTOGRAPH 65 – R-25, km 102+050
Date Photo: October 4, 2008 Photo Number: IMG_1696
Description: Unequal elevation (grade) of culvert on left in photograph 65, dry culvert. Ice within culvert but unobstructed.

PHOTOGRAPH 66 – R-25, km 102+050
Date Photo: October 4, 2008 Photo Number: IMG_1697
Description: Upstream view. Looking northeast.

PHOTOGRAPH 67 – R-26, km 104+710
Date Photo: October 4, 2008 Photo Number: IMG_1701
Description: Downstream view. Looking west.

PHOTOGRAPH 68 – R-26, km 104+710
Date Photo: October 4, 2008 Photo Number: IMG_1702
Description: Culvert on right of photograph 67 with minimal crushing observed but in good condition and unobstructed. Looking east.

PHOTOGRAPH 69 – R-26, km 104+710
Date Photo: October 4, 2008 Photo Number: IMG_1703
Description: Upstream view. All culverts unobstructed. Looking east.

PHOTOGRAPH 70 – R-26, km104+710
Date Photo: October 4, 2008 Photo Number: IMG_1704
Description: Upstream view. Looking east.

APPENDIX C

Photographic Log of Bridges

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Golder Associates

PHOTOGRAPH 1 – Bridge 1-R02, km 8+750

Date Photo: October 4, 2008 Photo Number: IMG_1487
Description: Looking northwest at bridge R02, km 30m Acrow Panel Bridge.

PHOTOGRAPH 2 – Bridge 1-R02, km 8+750

Date Photo: October 4, 2008 Photo Number: IMG_1488
Description: Downstream view of bridge and abutments. Looking southwest.

PHOTOGRAPH 3 – Bridge 1-R02, km 8+750

Date Photo: October 4, 2008 **Photo Number**: IMG_1489
Description: Closeup view of right abutment. Looking southwest.

PHOTOGRAPH 4 – Bridge 1-R02, km 8+750

Date Photo: October 4, 2008 **Photo Number**: IMG_1490
Description: Closeup of left abutment. Looking west.

PHOTOGRAPH 5 – Bridge 1-R02, km 8+750

Date Photo: October 4, 2008 Photo Number: IMG_1491
Description: Looking downstream, looking east.

PHOTOGRAPH 6 – Bridge 1-R02, km 8+750

Date Photo: October 4, 2008 Photo Number: IMG_1492
Description: Downstream side of bridge, looking west.

PHOTOGRAPH 7 – Bridge 1-R02, km 8+750

Date Photo: October 4, 2008 Photo Number: IMG_1493
Description: Upstream view of bridge. Looking south. Flow observed passing through rockfill on left abutment and approach to bridge.

PHOTOGRAPH 8 – Bridge 2-R05, km 17+600

Date Photo: October 4, 2008 Photo Number: IMG_1522
Description: 30m Acrow Panel Bridge. Left abutment on downstream side of bridge. Looking south.

PHOTOGRAPH 9 – Bridge 2-R05, km 17+600

Date Photo: October 4, 2008 Photo Number: IMG_1523
Description: Road deck damage evident. Not a concern. Looking south.

PHOTOGRAPH 10 – Bridge 2-R05, km 17+600

Date Photo: October 4, 2008 Photo Number: IMG_1524
Description: Looking downstream, looking east.

PHOTOGRAPH 11 – Bridge 2-R05, km 17+600

Date Photo: October 4, 2008 Photo Number: IMG_1525
Description: Looking upstream, looking west.

PHOTOGRAPH 12 – Bridge 2-R05, km 17+600

Date Photo: October 4, 2008 Photo Number: IMG_1526
Description: Left abutment, upstream side. Looking east.

PHOTOGRAPH 13 – Bridge 2-R05, km 17+600

Date Photo: October 4, 2008 Photo Number: IMG_1527
Description: Right abutment, looking south.

PHOTOGRAPH 14 – Bridge 3-R06, km 23+100

Date Photo: October 4, 2008 Photo Number: IMG_1533
Description: 30m Acrow Panel Bridge. Right abutment downstream side. Looking southwest.

PHOTOGRAPH 15 – Bridge 3-R06, km 23+100

Date Photo: October 4, 2008 Photo Number: IMG_1534
Description: Right abutment, downstream side. Looking west.

PHOTOGRAPH 16 – Bridge 3-R06, km 23+100

Date Photo: October 4, 2008 Photo Number: IMG_1535
Description: Upstream view of bridge looking downstream. Looking south.

PHOTOGRAPH 17 – Bridge 3-R06, km 23+100

Date Photo: October 4, 2008 Photo Number: IMG_1536
Description: Upstream view of bridge looking downstream, looking south.

PHOTOGRAPH 18 – Bridge 3-R06, km 23+100

Date Photo: October 4, 2008 Photo Number: IMG_1537
Description: Upstream of bridge. Looking northwest.

PHOTOGRAPH 19 – Bridge 4-R09, km 48+500

Date Photo: October 4, 2008 Photo Number: IMG_1570
Description: 12m Rapid Span Bridge. Right abutment, downstream side. Looking south.

PHOTOGRAPH 20 – Bridge 4-R09, km 48+500

Date Photo: October 4, 2008 Photo Number: IMG_1571
Description: Right abutment downstream side. Looking south.

PHOTOGRAPH 21 – Bridge 4-R09, km 48+500

Date Photo: October 4, 2008 Photo Number: IMG_1572
Description: Right abutment, upstream side, looking south.

PHOTOGRAPH 22 – Bridge 4-R09, km 48+500

Date Photo: October 4, 2008 Photo Number: IMG_1573
Description: Upstream side of bridge, looking downstream. Looking east.

PHOTOGRAPH 23 – Bridge 4-R09, km 48+500

Date Photo: October 4, 2008 Photo Number: IMG_1574
Description: View upstream of bridge. Looking west.

PHOTOGRAPH 24 – Bridge 4-R09, km 48+500

Date Photo: October 4, 2008 Photo Number: IMG_1575
Description: View downstream of bridge. Looking east.

PHOTOGRAPH 25 – Bridge 5-R13, km 62+060

Date Photo: October 4, 2008 Photo Number: IMG_1593
Description: 12m Rapid Span Bridge. Downstream side. Looking north, silt fence evident.

PHOTOGRAPH 26 – Bridge 5-R13, km 62+060

Date Photo: October 4, 2008 Photo Number: IMG_1594
Description: View downstream. Looking east.

PHOTOGRAPH 27 – Bridge 5-R13, km 62+060

Date Photo: October 4, 2008 Photo Number: IMG_1595
Description: View upstream of bridge, looking northwest.

PHOTOGRAPH 28 – Bridge 5-R13, km 62+060

Date Photo: October 4, 2008 Photo Number: IMG_1596
Description: Upstream side of bridge, looking at left abutment, looking north. Silt fence evident.

PHOTOGRAPH 29 – Bridge 5-R13, km 62+060

Date Photo: October 4, 2008 Photo Number: IMG_1597
Description: Upstream side of bridge, looking downstream. Looking south east.

PHOTOGRAPH 30 – Bridge 5-R13, km 62+060

Date Photo: October 4, 2008 Photo Number: IMG_1601
Description: Looking south towards Bridge 5.

PHOTOGRAPH 31 – Bridge 6-R15, km 69+200

Date Photo: October 4, 2008 Photo Number: IMG_1617
Description: 30m Acrow Panel Bridge. Left abutment downstream side. Looking west.

PHOTOGRAPH 32 – Bridge 6-R15, km 69+200

Date Photo: October 4, 2008 Photo Number: IMG_1618
Description: Right abutment, downstream side. Looking southwest.

PHOTOGRAPH 33 – Bridge 6-R15, km 69+200

Date Photo: October 4, 2008 Photo Number: IMG_1619
Description: Downstream side of bridge, looking upstream. Looking west.

PHOTOGRAPH 34 – Bridge 6-R15, km 69+200

Date Photo: October 4, 2008 Photo Number: IMG_1620
Description: View downstream of bridge. Looking east.

PHOTOGRAPH 35 – Bridge 6-R15, km 69+200

Date Photo: October 4, 2008 Photo Number: IMG_1621
Description: From upstream looking at right abutment. Looking north.

PHOTOGRAPH 36 – Bridge 6-R15, km 69+200

Date Photo: October 4, 2008 Photo Number: IMG_1622
Description: Upstream side looking at left abutment. Looking north.

PHOTOGRAPH 37 – Bridge 6-R15, km 69+200

Date Photo: October 4, 2008 Photo Number: IMG_1623
Description: From upstream, looking at right abutment. Looking east.

PHOTOGRAPH 38 – Bridge 7-R16, km 73+800

Date Photo: October 4, 2008 Photo Number: IMG_1634
Description: 12m Rapid Span Bridge. Downstream side looking upstream. Looking northwest.

PHOTOGRAPH 39 – Bridge 7-R16, km 73+800

Date Photo: October 4, 2008 Photo Number: IMG_1635
Description: Left and right abutment, from downstream side. Looking northwest.

PHOTOGRAPH 40 – Bridge 7-R16, km 73+800

Date Photo: October 4, 2008 Photo Number: IMG_1636
Description: Right abutment bridge deck, steel plate. Gap evident at end of plate. Looking north.

PHOTOGRAPH 41 – Bridge 7-R16, km 73+800

Date Photo: October 4, 2008 Photo Number: IMG_1637
Description: Upstream view. Looking northwest.

PHOTOGRAPH 42 – Bridge 7-R16, km 73+800

Date Photo: October 4, 2008 Photo Number: IMG_1638
Description: Downstream view. Looking southwest.

PHOTOGRAPH 43 – Bridge-R16, km 73+800

Date Photo: October 4, 2008 Photo Number: IMG_1639
Description: Left abutment steel plate on bridge deck. Gap evident. Looking south.

PHOTOGRAPH 44 – Bridge-R16, km 73+800

Date Photo: October 4, 2008 Photo Number: IMG_1640
Description: Right abutment on upstream side. Geotextile evident on abutment. Looking south.

PHOTOGRAPH 45 – Bridge 8-R18, km 79+500

Date Photo: October 4, 2008 Photo Number: IMG_1643
Description: 12m Rapid Span Bridge. Downstream view looking upstream. Looking northwest.

PHOTOGRAPH 46 – Bridge 8-R18, km 79+500

Date Photo: October 4, 2008 Photo Number: IMG_1644
Description: From downstream looking at right abutment. Geotextile evident on abutment. Looking west.

PHOTOGRAPH 47 – Bridge 8-R18, km 79+500

Date Photo: October 4, 2008 Photo Number: IMG_1645
Description: Downstream side looking at left abutment. Looking northwest.

PHOTOGRAPH 48 – Bridge 8-R18, km 79+500

Date Photo: October 4, 2008 Photo Number: IMG_1646
Description: Left abutment beneath bridge. Geotextile damage as result of rock falling through bridge deck. Looking north.

PHOTOGRAPH 49 – Bridge 8-R18, km 79+500

Date Photo: October 4, 2008 Photo Number: IMG_1647
Description: Upstream side looking at right abutment. Looking southeast.

PHOTOGRAPH 50 – Bridge 8-R18, km 79+500

Date Photo: October 4, 2008 Photo Number: IMG_1648
Description: Upstream looking downstream. Looking east.

PHOTOGRAPH 51 – Bridge 8-R18, km 79+500

Date Photo: October 4, 2008 **Photo Number**: IMG_1649
Description: Upstream side looking at left abutment. Looking east.

PHOTOGRAPH 52 – Bridge 9-R19, km 83+100

Date Photo: October 4, 2008 Photo Number: IMG_1656
Description: 12m Rapid Span Bridge. Downstream side looking upstream, primarily at left abutment. Looking north.

PHOTOGRAPH 53 – Bridge 9-R19, km 83+100

Date Photo: October 4, 2008 Photo Number: IMG_1657
Description: View downstream of bridge. Looking south.

PHOTOGRAPH 54 – Bridge 9-R19, km 83+100

Date Photo: October 4, 2008 Photo Number: IMG_1658
Description: Upstream view from bridge. Looking north.

PHOTOGRAPH 55 – Bridge 9-R19, km 83+100

Date Photo: October 4, 2008 Photo Number: IMG_1659
Description: Right abutment from upstream side. Looking west.

PHOTOGRAPH 56 – Bridge 9-R19, km 83+100

Date Photo: October 4, 2008 Photo Number: IMG_1660
Description: Upstream side looking at left abutment. Looking southwest.

PHOTOGRAPH 57 – Bridge 9-R19, km 83+100

Date Photo: October 4, 2008 Photo Number: IMG_1661
Description: Bridge deck steel plate, gap evident. Looking west.

APPENDIX D

Quarries: Photographic Log and As-Built Drawings

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Golder Associates

PHOTOGRAPH 1 – Quarry 1
Date Photo: October 4, 2008 Photo Number: IMG_1482
Description: View looking south behind AEM gate, used as a staging area for containers with walls about 3 to 4 m high.

PHOTOGRAPH 2 – Quarry 1
Date Photo: October 4, 2008 Photo Number: IMG_1483
Description: View looking northwest.

PHOTOGRAPH 3 – Quarry 1
Date Photo: October 4, 2008 Photo Number: IMG_1484
Description: View looking north.

PHOTOGRAPH 4 – Quarry 1
Date Photo: October 4, 2008 Photo Number: IMG_1485
Description: View looking east.

PHOTOGRAPH 5 – Quarry 1
Date Photo: October 4, 2008 Photo Number: IMG_1486
Description: View looking west.

PHOTOGRAPH 6 – Quarry 2
Date Photo: October 4, 2008 Photo Number: IMG_1511
Description: View looking west.

PHOTOGRAPH 7 – Quarry 2
Date Photo: October 4, 2008 Photo Number: IMG_1512
Description: View looking west with walls about 5 to 6 m high.

PHOTOGRAPH 8 – Quarry 2
Date Photo: October 4, 2008 Photo Number: IMG_1513
Description: View looking northwest.

PHOTOGRAPH 9 – Quarry 2
Date Photo: October 4, 2008 **Photo Number**: IMG_1514
Description: View looking north.

PHOTOGRAPH 10 – Quarry 3
Date Photo: October 4, 2008 **Photo Number**: IMG_1538
Description: View looking west.

PHOTOGRAPH 11 – Quarry 3
Date Photo: October 4, 2008 Photo Number: IMG_1539
Description: View looking northwest with about 8 to 10 m high.

PHOTOGRAPH 12 – Quarry 3
Date Photo: October 4, 2008 Photo Number: IMG_1540
Description: View looking southeast.

PHOTOGRAPH 13 – Quarry 3
Date Photo: October 4, 2008 **Photo Number**: IMG_1541
Description: View looking northeast.

PHOTOGRAPH 14 – Quarry 3
Date Photo: October 4, 2008 **Photo Number**: IMG_1542
Description: View looking north.

PHOTOGRAPH 15 – Quarry 4
Date Photo: October 4, 2008 Photo Number: IMG_1550
Description: View looking southwest with main portion of the pit flooded.

PHOTOGRAPH 16 – Quarry 4
Date Photo: October 4, 2008 Photo Number: IMG_1551
Description: View looking southeast.

PHOTOGRAPH 17 – Quarry 5
Date Photo: October 4, 2008 Photo Number: IMG_1552
Description: View looking northeast with walls about 6 to 8 m high.

PHOTOGRAPH 18 – Quarry 5
Date Photo: October 4, 2008 Photo Number: IMG_1553
Description: View looking north.

PHOTOGRAPH 19 – Quarry 5
Date Photo: October 4, 2008 Photo Number: IMG_1554
Description: View looking northwest.

PHOTOGRAPH 20 – Quarry 5
Date Photo: October 4, 2008 Photo Number: IMG_1555
Description: View looking south.

PHOTOGRAPH 21 – Quarry 6
Date Photo: October 4, 2008 Photo Number: IMG_1556
Description: View looking south.

PHOTOGRAPH 22 – Quarry 6
Date Photo: October 4, 2008 Photo Number: IMG_1557
Description: View looking southwest with stockpiles and drums evident.

PHOTOGRAPH 23 – Quarry 6
Date Photo: October 4, 2008 Photo Number: IMG_1558
Description: View looking west walls about 6 to 8 m high.

PHOTOGRAPH 24 – Quarry 7
Date Photo: October 4, 2008 Photo Number: IMG_1559
Description: View looking north.

PHOTOGRAPH 25 – Quarry 7
Date Photo: October 4, 2008 Photo Number: IMG_1560
Description: View looking north with walls with walls about 10 m high.

PHOTOGRAPH 26 – Quarry 7
Date Photo: October 4, 2008 Photo Number: IMG_1561
Description: View looking northwest.

PHOTOGRAPH 27 – Quarry 7
Date Photo: October 4, 2008 Photo Number: IMG_1562
Description: View looking west.

PHOTOGRAPH 28 – Quarry 7
Date Photo: October 4, 2008 Photo Number: IMG_1563
Description: View looking south.

PHOTOGRAPH 29 – Quarry 8
Date Photo: October 4, 2008 Photo Number: IMG_1564
Description: View looking west.

PHOTOGRAPH 30 – Quarry 8
Date Photo: October 4, 2008 Photo Number: IMG_1565
Description: View looking west.

PHOTOGRAPH 31 – Quarry 8
Date Photo: October 4, 2008 Photo Number: IMG_1566
Description: View looking north.

PHOTOGRAPH 32 – Quarry 9
Date Photo: October 4, 2008 Photo Number IMG_1567
Description: View looking northwest.

PHOTOGRAPH 33 – Quarry 9
Date Photo: October 4, 2008 Photo Number: IMG_1568
Description: View looking north.

PHOTOGRAPH 34 – Quarry 9
Date Photo: October 4, 2008 Photo Number: IMG_1569
Description: View looking north.

PHOTOGRAPH 35 – Quarry 10
Date Photo: October 4, 2008 Photo Number: IMG_1576
Description: View looking north with 6 to 8 m walls.

PHOTOGRAPH 36 – Quarry 10
Date Photo: October 4, 2008 Photo Number: IMG_1577
Description: View looking north.

PHOTOGRAPH 37 – Quarry 10
Date Photo: October 4, 2008 **Photo Number**: IMG_1578
Description: View looking northeast.

PHOTOGRAPH 38 – Quarry 10
Date Photo: October 4, 2008 **Photo Number**: IMG_1579
Description: View looking southeast.

PHOTOGRAPH 39 – Quarry 10
Date Photo: October 4, 2008 Photo Number: IMG_1580
Description: View looking southeast.

PHOTOGRAPH 40 – Quarry 11
Date Photo: October 4, 2008 Photo Number: IMG_1581
Description: View looking northwest.

PHOTOGRAPH 41 – Quarry 11
Date Photo: October 4, 2008 Photo Number: IMG_1582
Description: View looking northwest

PHOTOGRAPH 42 – Quarry 11
Date Photo: October 4, 2008 Photo Number: IMG_1583
Description: View looking north.

PHOTOGRAPH 43 – Quarry 11
Date Photo: October 4, 2008 Photo Number: IMG_1584
Description: View looking northeast.

PHOTOGRAPH 44 – Quarry 11
Date Photo: October 4, 2008 Photo Number: IMG_1585
Description: View looking east.

PHOTOGRAPH 45 – Quarry 11
Date Photo: October 4, 2008 **Photo Number**: IMG_1586
Description: View looking east.

PHOTOGRAPH 46 – Quarry 11
Date Photo: October 4, 2008 **Photo Number**: IMG_1587
Description: View looking south.

PHOTOGRAPH 47 – Quarry 12
Date Photo: October 4, 2008 Photo Number: IMG_1588
Description: View looking southeast with walls 4 to 6 m high.

PHOTOGRAPH 48 – Quarry 12
Date Photo: October 4, 2008 Photo Number: IMG_1589
Description: View looking south.

PHOTOGRAPH 49 – Quarry 12
Date Photo: October 4, 2008 Photo Number: IMG_1590
Description: View looking west.

PHOTOGRAPH 50 – Quarry 12
Date Photo: October 4, 2008 Photo Number: IMG_1591
Description: View looking north.

PHOTOGRAPH 51 – Quarry 12
Date Photo: October 4, 2008 Photo Number: IMG_1592
Description: View looking north.

PHOTOGRAPH 52 – Quarry 13
Date Photo: October 4, 2008 Photo Number: IMG_1598
Description: View looking north with walls 4 to 6 m high.

PHOTOGRAPH 53 – Quarry 13
Date Photo: October 4, 2008 Photo Number: IMG_1599
Description: View looking northeast.

PHOTOGRAPH 54 – Quarry 13
Date Photo: October 4, 2008 Photo Number: IMG_1600
Description: View looking southeast.

PHOTOGRAPH 55 – Quarry 14
Date Photo: October 4, 2008 Photo Number: IMG_1603
Description: View looking southwest with walls about 4 to 5 m high.

PHOTOGRAPH 56 – Quarry 14
Date Photo: October 4, 2008 Photo Number: IMG_1604
Description: View looking west with main area of the pit flooded.

PHOTOGRAPH 57 – Quarry 14
Date Photo: October 4, 2008 Photo Number: IMG_1605
Description: View looking north.

PHOTOGRAPH 58 – Quarry 15
Date Photo: October 4, 2008 Photo Number: IMG_1606
Description: View looking south with walls about 8 m high.

PHOTOGRAPH 59 – Quarry 15
Date Photo: October 4, 2008 Photo Number: IMG_1607
Description: View looking southwest.

PHOTOGRAPH 60 – Quarry 15
Date Photo: October 4, 2008 Photo Number: IMG_1608
Description: View looking west.

PHOTOGRAPH 61 – Quarry 15
Date Photo: October 4, 2008 **Photo Number**: IMG_1609
Description: View looking northwest.

PHOTOGRAPH 62 – Quarry 16
Date Photo: October 4, 2008 **Photo Number**: IMG_1624
Description: View looking northwest.

PHOTOGRAPH 63 – Quarry 16
Date Photo: October 4, 2008 Photo Number: IMG_1625
Description: View looking north.

PHOTOGRAPH 64 – Quarry 16
Date Photo: October 4, 2008 Photo Number: IMG_1626
Description: View looking east.

PHOTOGRAPH 65 – Quarry 16
Date Photo: October 4, 2008 Photo Number: IMG_1627
Description: View looking west.

PHOTOGRAPH 66 – Quarry 16
Date Photo: October 4, 2008 Photo Number: IMG_1628
Description: View looking south.

PHOTOGRAPH 67 – Quarry 16
Date Photo: October 4, 2008 Photo Number: IMG_1629
Description: View looking southeast.

PHOTOGRAPH 68 – Quarry 17
Date Photo: October 4, 2008 Photo Number: IMG_1630
Description: View looking south.

PHOTOGRAPH 69 – Quarry 17
Date Photo: October 4, 2008 Photo Number: IMG_1631
Description: View looking southwest.

PHOTOGRAPH 70 – Quarry 17
Date Photo: October 4, 2008 Photo Number: IMG_1632
Description: View looking northwest.

PHOTOGRAPH 71 – Quarry 17
Date Photo: October 4, 2008 Photo Number: IMG_1633
Description: View looking north.

PHOTOGRAPH 72 – Quarry 18
Date Photo: October 4, 2008 Photo Number: IMG_1650
Description: View looking west.

PHOTOGRAPH 73 – Quarry 18
Date Photo: October 4, 2008 **Photo Number**: IMG_1651
Description: View looking northwest.

PHOTOGRAPH 74 – Quarry 18
Date Photo: October 4, 2008 **Photo Number**: IMG_1652
Description: View looking north.

PHOTOGRAPH 75 – Quarry 18
Date Photo: October 4, 2008 Photo Number: IMG_1653
Description: View looking east showing access with frost heave and settlement.

PHOTOGRAPH 76 – Quarry 18
Date Photo: October 4, 2008 Photo Number: IMG_1654
Description: View looking east.

PHOTOGRAPH 77 – Quarry 18
Date Photo: October 4, 2008 **Photo Number**: IMG_1655
Description: View looking east.

PHOTOGRAPH 78 – Quarry 19
Date Photo: October 4, 200 **Photo Number**: IMG_1662
Description: View looking west.

PHOTOGRAPH 79 – Quarry 19
Date Photo: October 4, 2008 Photo Number: IMG_1663
Description: View looking northwest.

PHOTOGRAPH 80 – Quarry 19
Date Photo: October 4, 2008 Photo Number: IMG_1664
Description: View looking north.

PHOTOGRAPH 81 – Quarry 19
Date Photo: October 4, 2008 Photo Number: IMG_1665
Description: View looking east.

PHOTOGRAPH 82 – Quarry 20
Date Photo: October 4, 2008 Photo Number: IMG_1672
Description: View looking west.

PHOTOGRAPH 83 – Quarry 20
Date Photo: October 4, 2008 Photo Number: IMG_1673
Description: View looking north.

PHOTOGRAPH 84 – Quarry 20
Date Photo: October 4, 2008 Photo Number: IMG_1674
Description: View looking east.

PHOTOGRAPH 85 – Quarry 20
Date Photo: October 4, 2008 Photo Number: IMG_1675
Description: View looking east.

PHOTOGRAPH 86 – Quarry 21
Date Photo: October 4, 2008 Photo Number: IMG_1676
Description: View looking east with ice on wall.

PHOTOGRAPH 87 – Quarry 21
Date Photo: October 4, 2008 **Photo Number**: IMG_1677
Description: View looking south with wall about 8 m high.

PHOTOGRAPH 88 – Quarry 21
Date Photo: October 4, 2008 **Photo Number**: IMG_1678
Description: View looking west

PHOTOGRAPH 89 – Quarry 21
Date Photo: October 4, 2008 **Photo Number**: IMG_1679
Description: View looking north.

PHOTOGRAPH 90 – Quarry 21
Date Photo: October 4, 2008 **Photo Number**: IMG_1680
Description: View looking north.

PHOTOGRAPH 91 – Quarry 22
Date Photo: October 4, 2008 Photo Number: IMG_1689
Description: View looking northwest with pile of tires evident.

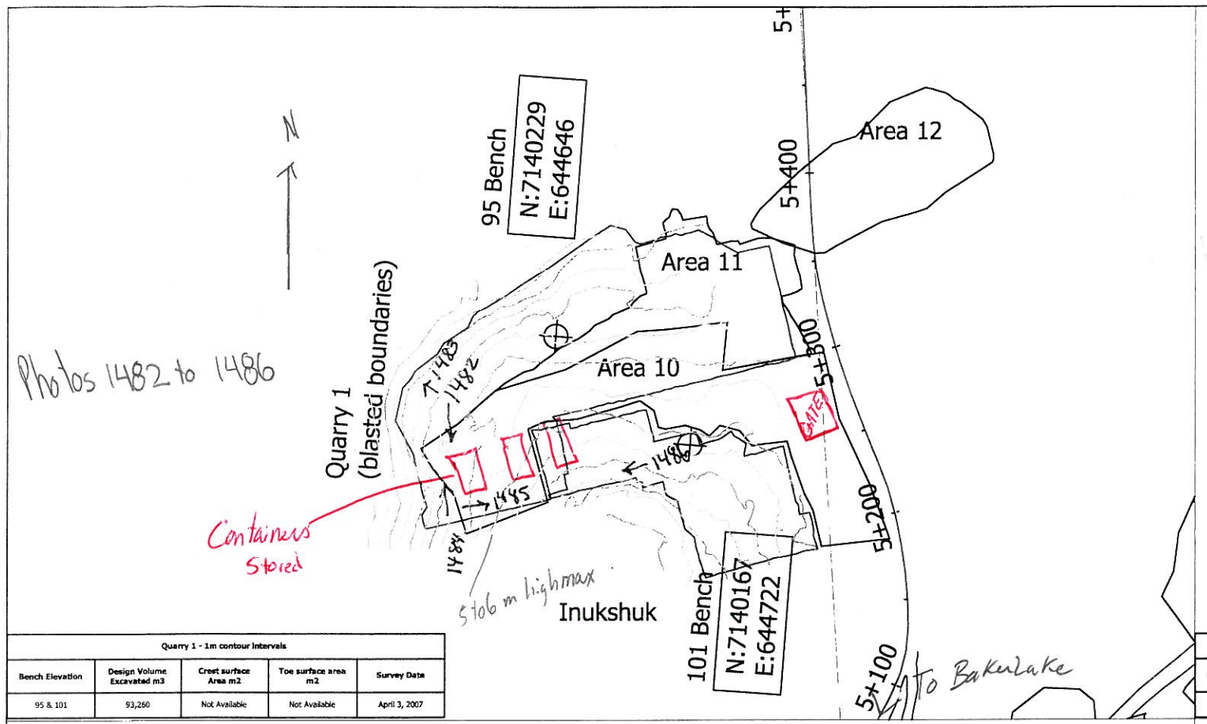
PHOTOGRAPH 92 – Quarry 22
Date Photo: October 4, 2008 Photo Number: IMG_1690
Description: View looking northwest showing edge of stockpiled soil and wood debris.

PHOTOGRAPH 93 – Quarry 22
Date Photo: October 4, 2008 Photo Number: IMG_1691
Description: View looking west showing iron debris.

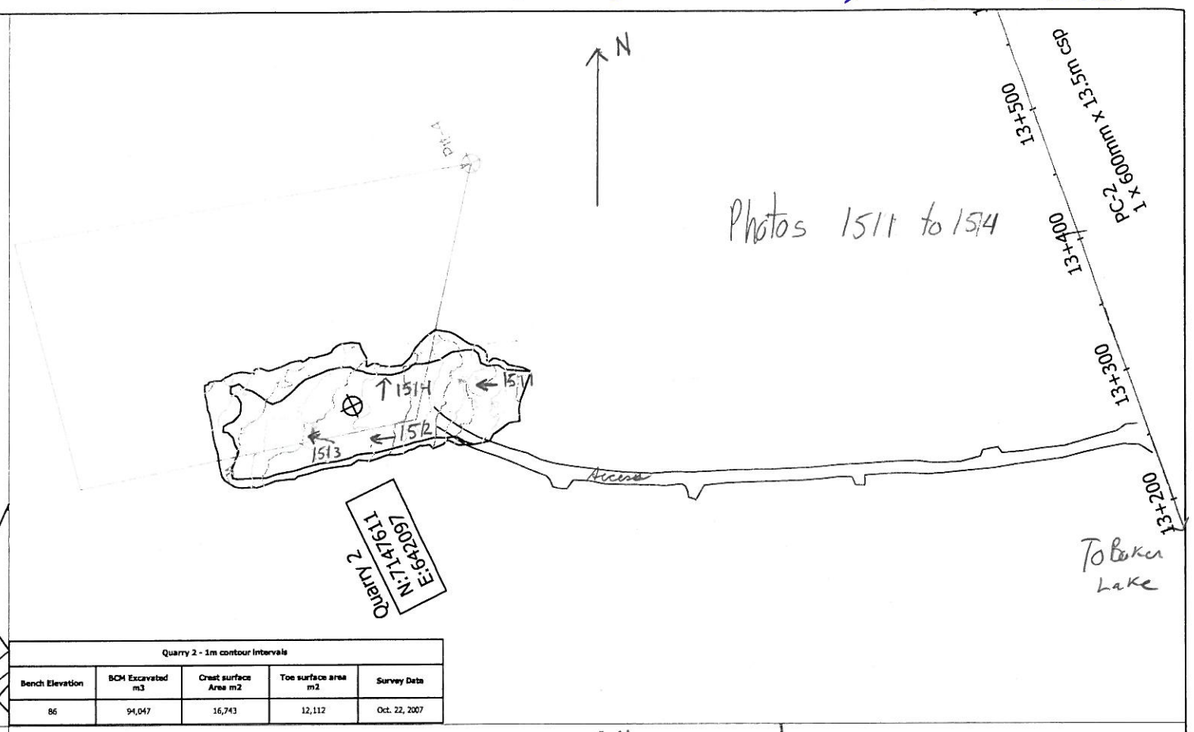
PHOTOGRAPH 94 – Quarry 22
Date Photo: October 4, 2008 Photo Number: IMG_1692
Description: View looking south showing stockpiled soil and drums.

PHOTOGRAPH 95 – Quarry 22
Date Photo: October 4, 2008 **Photo Number**: IMG_1693
Description: View looking west showing drum storage.

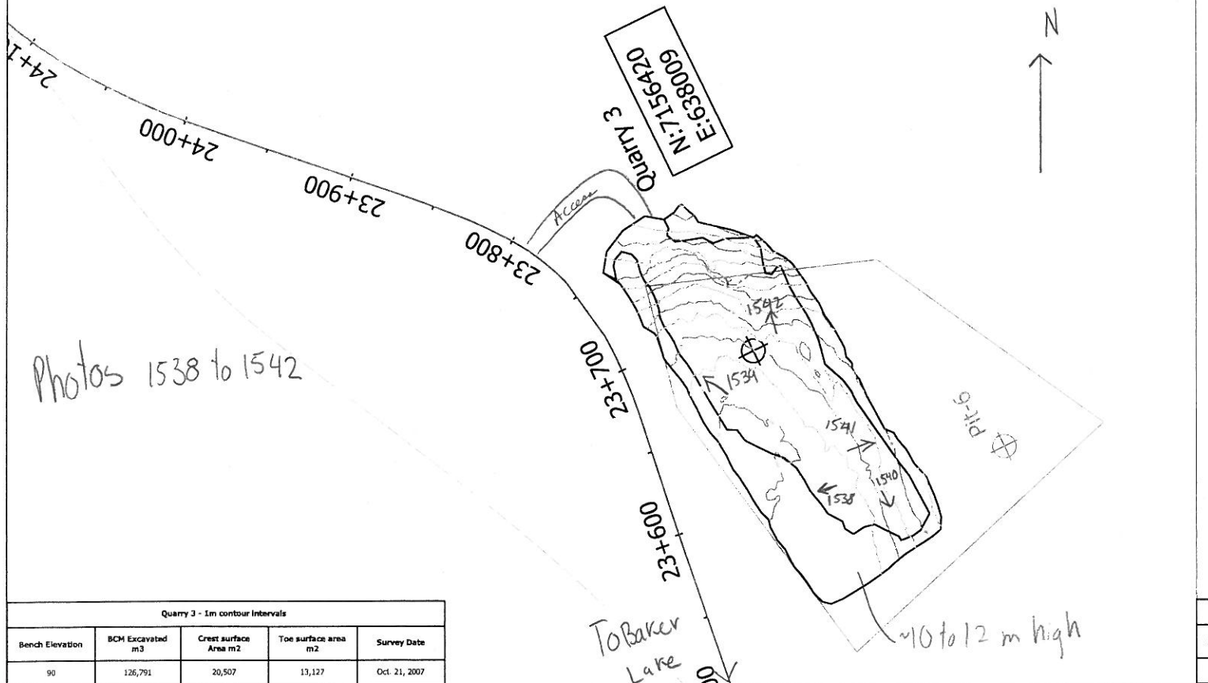
Fiona Estford: Geotechnical Inspection, Oct. 4, 2008



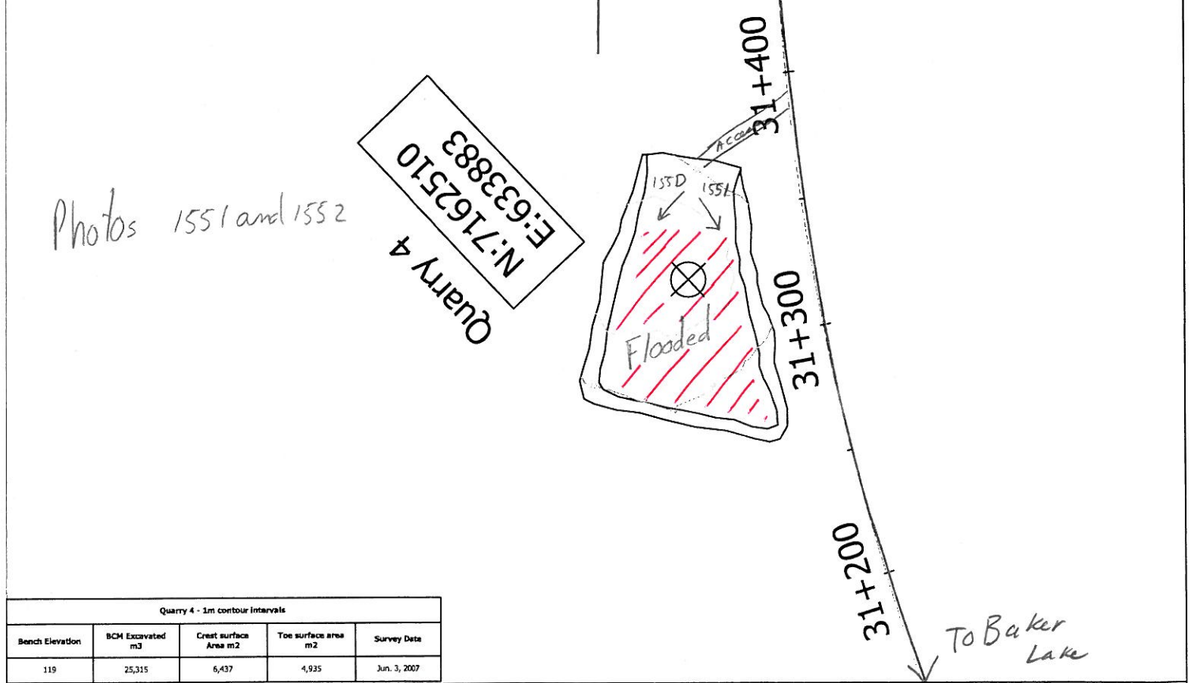
Quarry 1 - 1m contour intervals				
Bench Elevation	Design Volume Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Data
95 & 101	93,260	Not Available	Not Available	April 3, 2007



Quarry 2 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Data
86	94,047	16,743	12,112	Oct. 22, 2007



Quarry 3 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
90	126,791	20,507	13,127	Oct. 21, 2007



Quarry 4 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
119	25,315	6,437	4,935	Jun. 3, 2007

GOLDER DATA

- Lfl.a-3 — Existing Archeological site
- Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed centerline of road

AS CONSTRUCTED DATA

- 172 — Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing-culvert 600mm/1200mm dia
- R02 — River Crossing-12m30m bridges

NOTES:

Quarry Data Summarized in Table 1

100m stations are referenced to 0+000 N 7135821.224 E 646026.187

Agnico-Eagle Mines Ltd — NUNAVUT

Meadowbank Gold Project
Tehek Access Road Construction

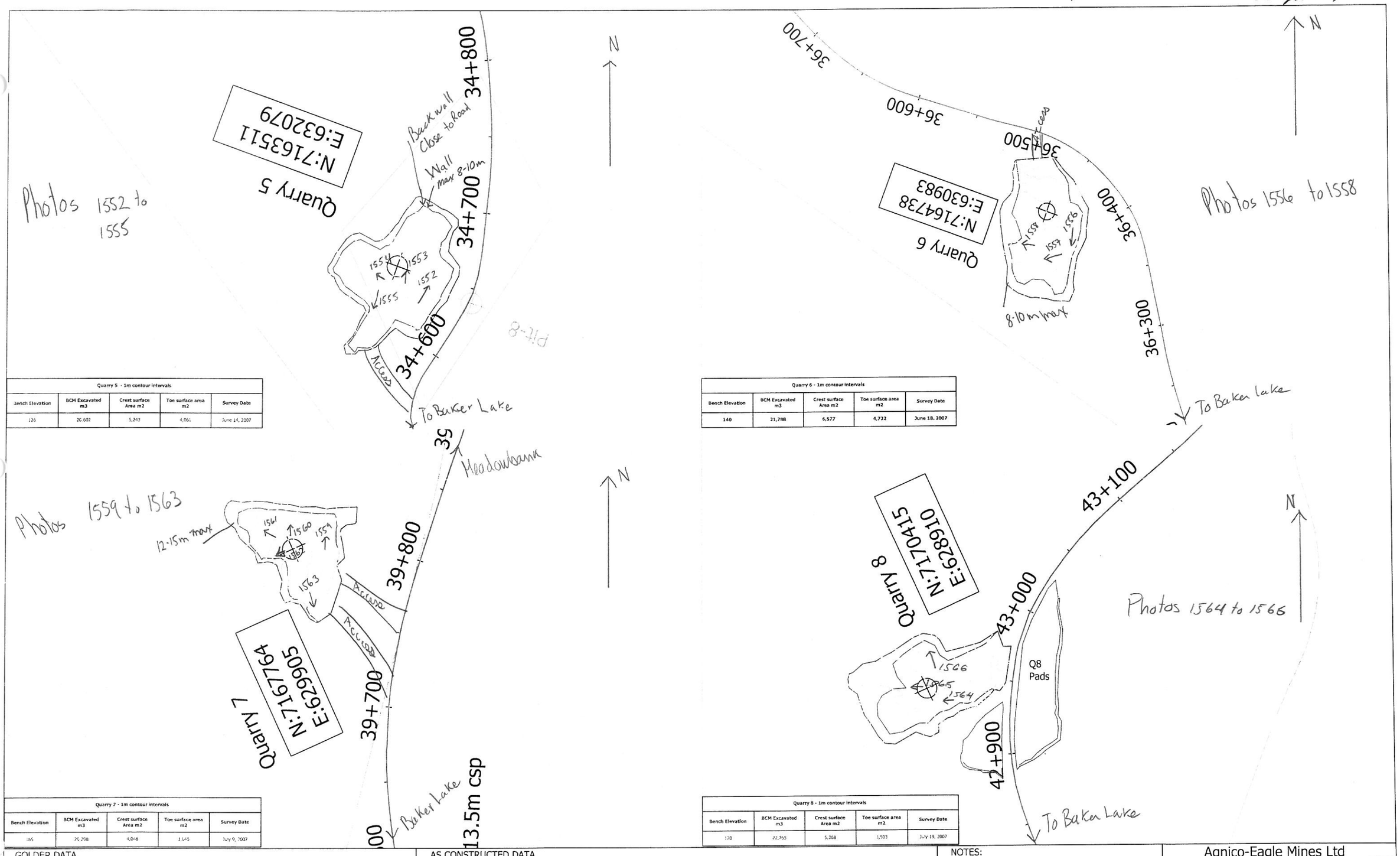
As constructed Quarry Drawing Figure 1

Quarry 1 to Quarry 4

NUNA M & T SERVICES LTD

Scale	Drawn By	Checked By	Date
NTS	MC	CG/HB	March 31, 2008

Fiona Estford, Geotechnical Inspection, Oct. 4, 2008



Quarry 5 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
126	20,602	5,243	4,061	June 14, 2007

Quarry 6 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
140	21,788	6,577	4,722	June 18, 2007

Quarry 7 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
165	20,298	4,046	3,645	July 9, 2007

Quarry 8 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
170	22,765	5,368	3,503	July 19, 2007

GOLDER DATA

- Existing Archeological site
- Proposed Quarry Site
- Existing Lakes/Stream
- R02 River crossing (crossing structure and dimension)
- Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed centerline of road

AS CONSTRUCTED DATA

- Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry 1m f at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 Centerline of road with 100m stations
- R20 PC-1 River crossing- culvert 600mm/1200mm dia
- R02 River Crossing- 12m30m bridges

NOTES:

Quarry Data Summarized in Table 1

100m stations are referenced to 0+000 N 7135821.224 E 646026.187

Agnico-Eagle Mines Ltd NUNAVUT

Meadowbank Gold Project
Tehek Access Road Construction

As constructed Quarry Drawing Figure 2

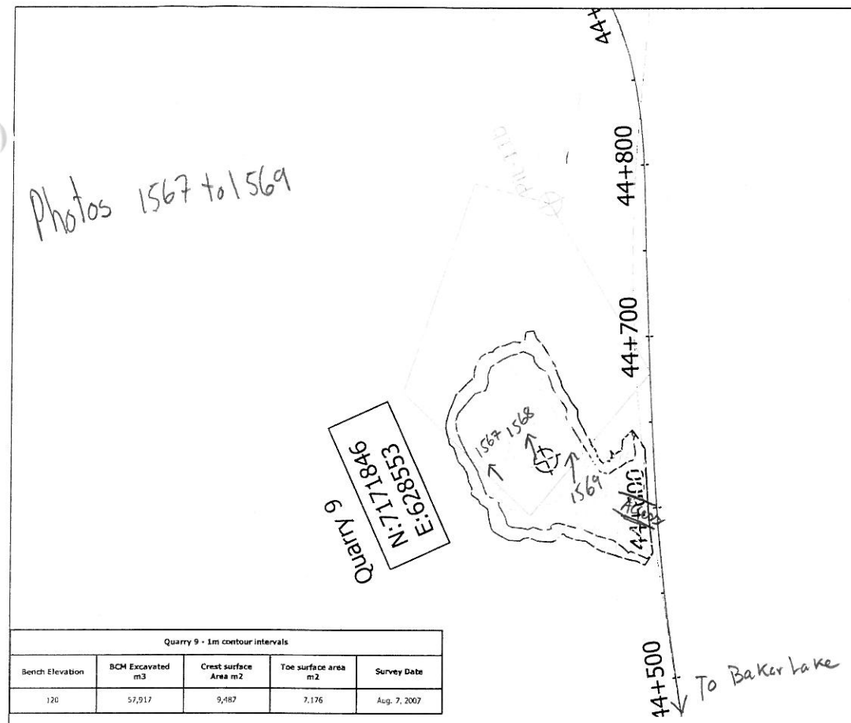
Quarry 5 to Quarry 8

Scale	Drawn	Approved	Date
NTS	MC	CGHB	March 31, 2008

GOLDER ASSOCIATES LTD

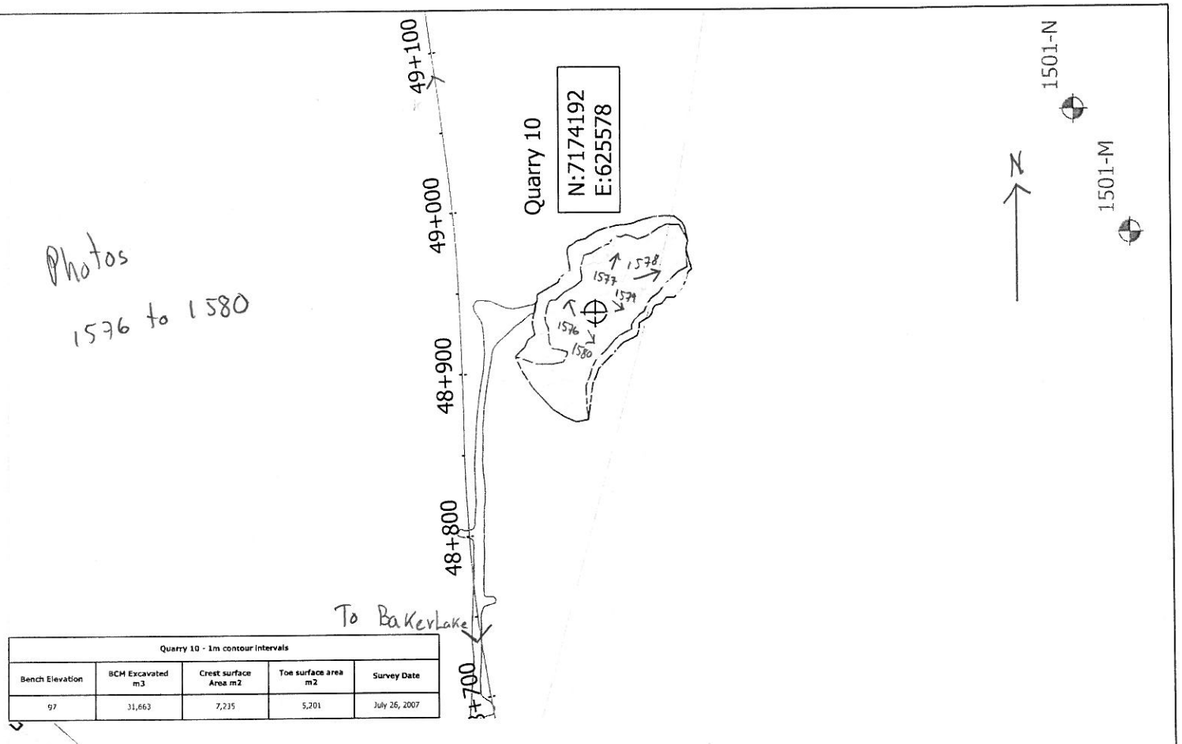
Fiona Estford, Geotechnical Inspection Oct. 4, 2008

Photos 1567 to 1569



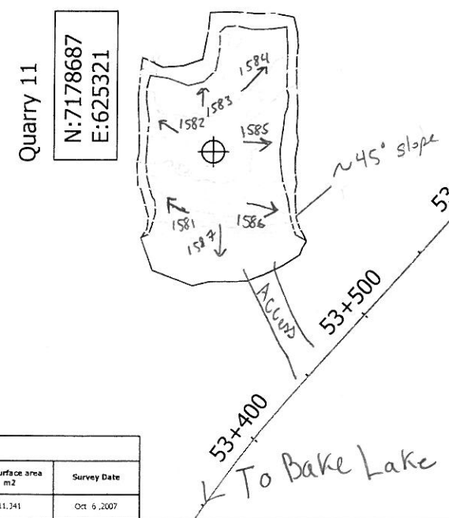
Quarry 9 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
120	57,917	9,487	7,176	Aug. 7, 2007

Photos 1576 to 1580



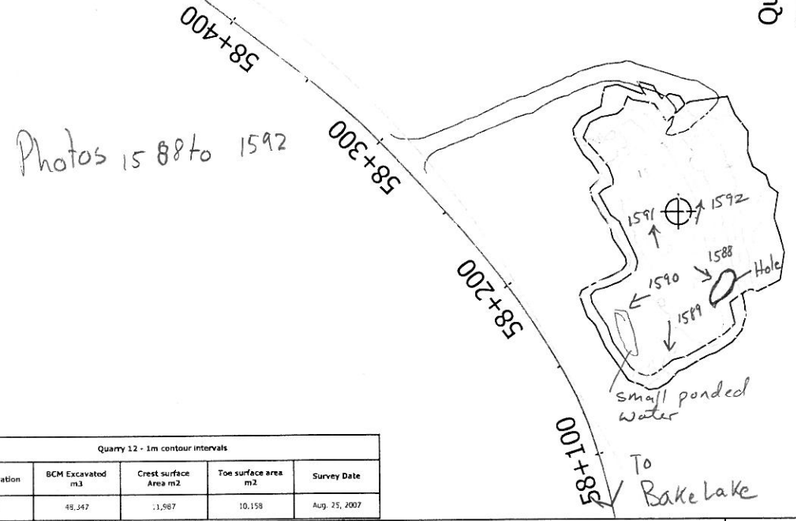
Quarry 10 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
97	31,663	7,235	5,201	July 26, 2007

Photos 1581 to 1587



Quarry 11 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
114	67,671	13,744	11,341	Oct 6, 2007

Photos 1588 to 1592



Quarry 12 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
122	48,347	13,987	10,158	Aug. 25, 2007

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed centerline of road

AS CONSTRUCTED DATA

- Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing= culvert 600mm/1200mm dia
- R02 — River Crossing= 12m/30m bridges

NOTES:

Quarry Data Summarized in Table 1
100m stations are referenced to 0+000 N 7135821.224 E 646076.187

Agnico-Eagle Mines Ltd — NUNAVUT

Meadowbank Gold Project
Tehek Access Road Construction

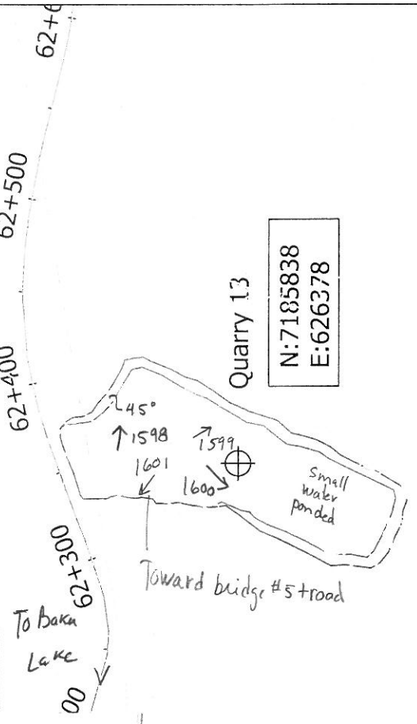
As constructed Quarry Drawing Figure 3

Quarry 9 to Quarry 12

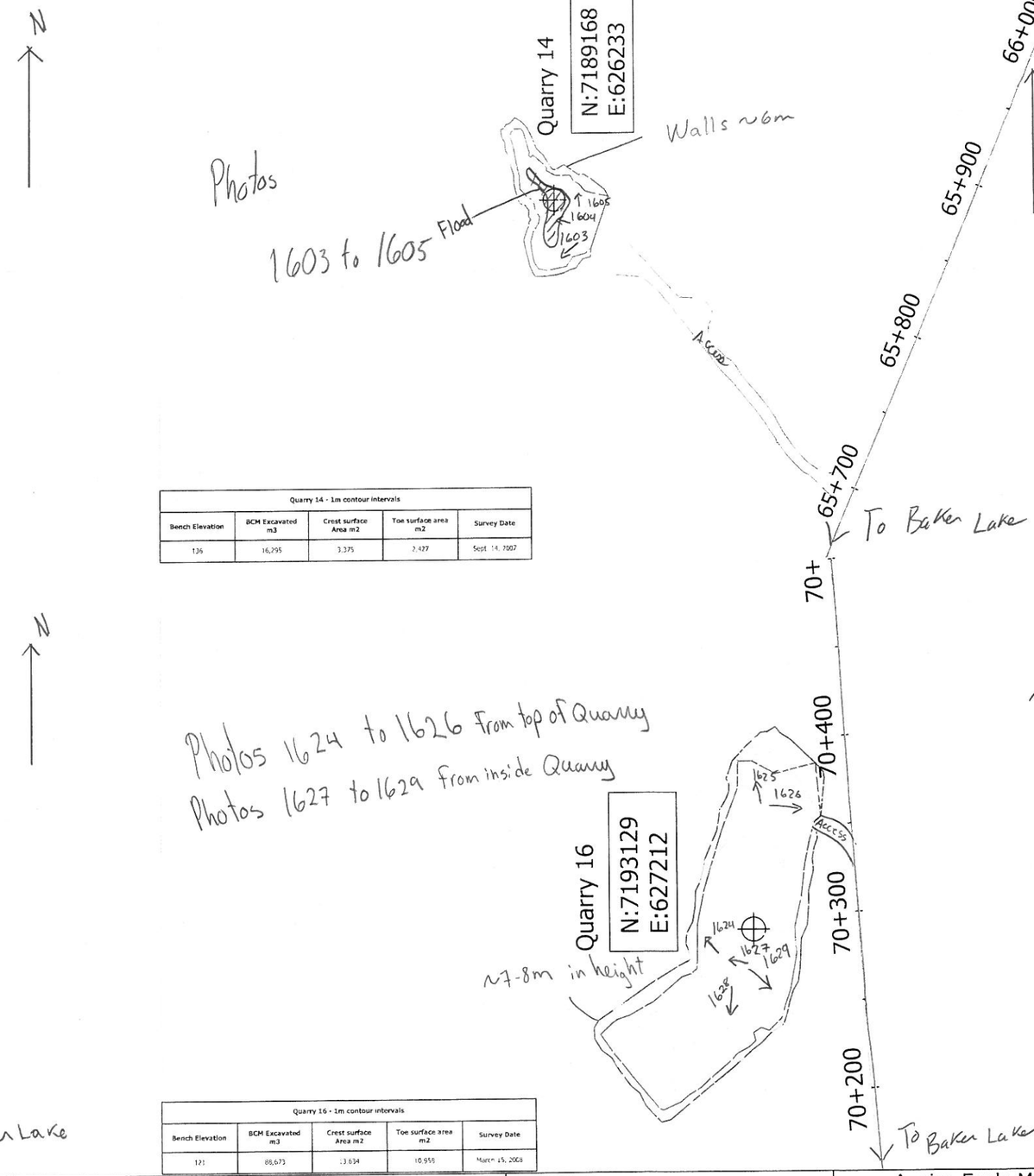
Drawing No.	Scale	Prepared	Date
NTS	MC	CG/HB	March 31, 2008

Fiona Estford, Geotechnical Inspection, Oct. 4, 2008

Photos 1598 to 1601



Quarry 13 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
132	26,106	10,778	8,979	Aug. 26, 2007



Quarry 15 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
125	20,201	6,949	5,958	Sept 13, 2007

Photos 1603 to 1605

Quarry 14 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
136	16,295	3,375	2,427	Sept 14, 2007

Photos 1606 to 1609

Photos 1624 to 1626 from top of Quarry
Photos 1627 to 1629 from inside Quarry

Quarry 16 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
121	88,673	13,634	10,958	March 15, 2008

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed centerline of road

AS CONSTRUCTED DATA

- Quarry or spinal ground 2m major contour
- Quarry or spinal ground 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1
- R02 — River crossing culvert 600mm/1200mm dia
- River Crossing 12m/8m bridges

NOTES:

Quarry Data Summarized in Table 1
100m stations are referenced to 0+600 N 7135821.274 E 624026.187

Agnico-Eagle Mines Ltd — NUNAVUT

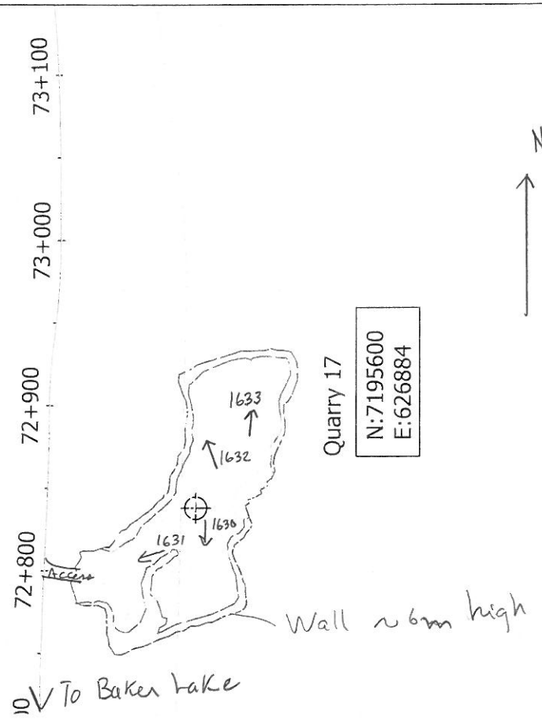
Meadowbank Gold Project
Tehek Access Road Construction

As constructed Quarry Drawing Figure 4

Quarry 13 to Quarry 16

Scale	Drawn	Checked	Date
NTS	MC	CG/HB	March 31, 2008

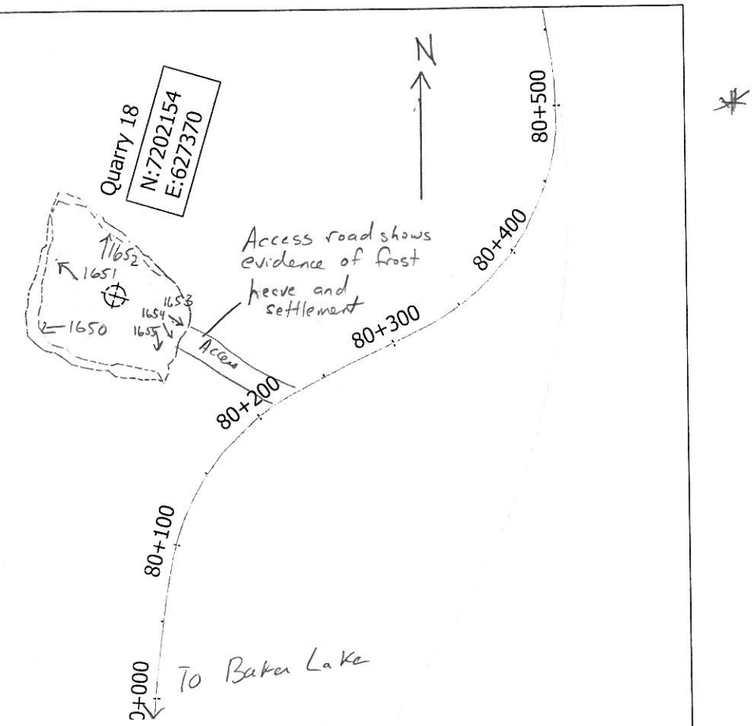
Photos 1630 to 1633



Quarry 17 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
124	48,539	12,253	10,958	Oct. 17, 2007

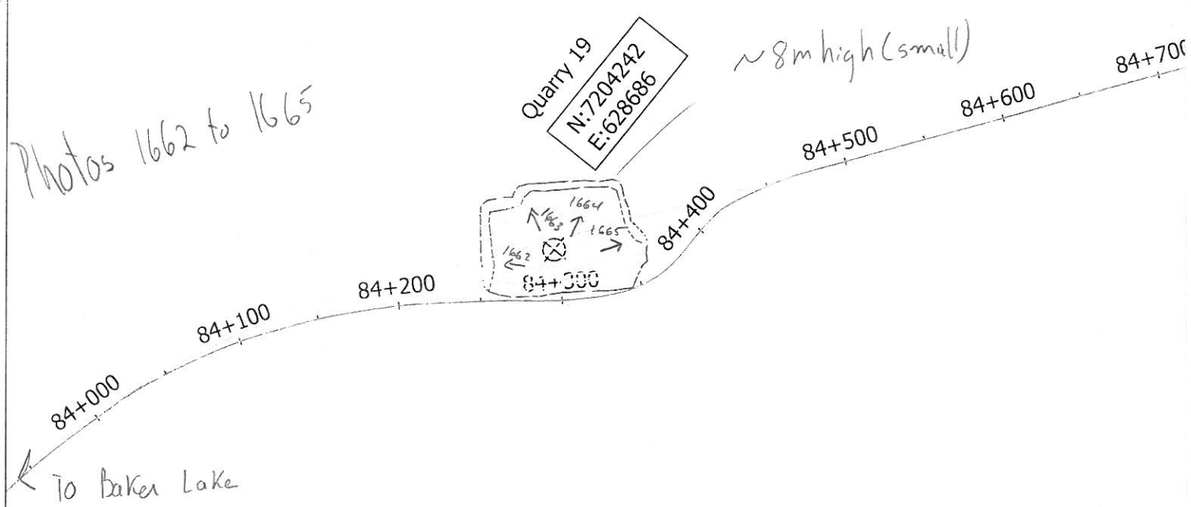
Photos 1650 to 1652

Photos 1653 to 1655



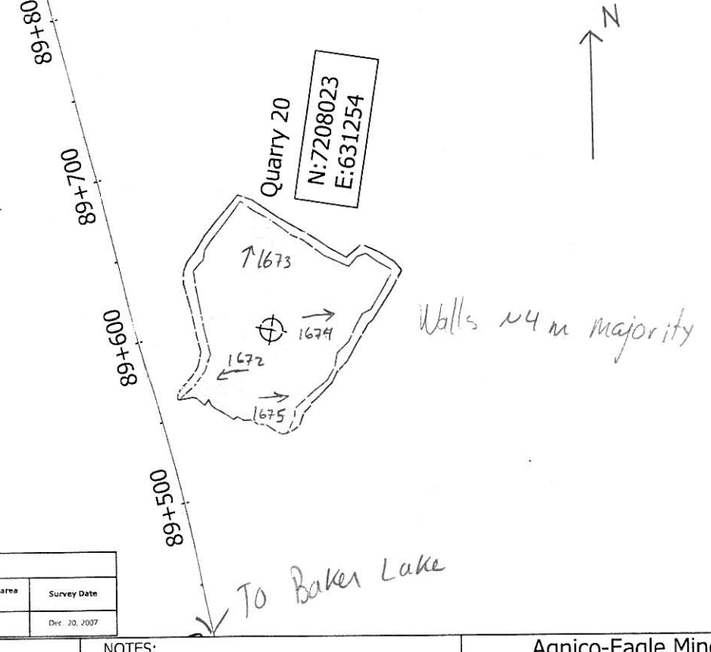
Quarry 18 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
129	46,094	8,419	7,099	Nov. 7, 2007

Photos 1662 to 1665



Quarry 19 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
133	34,480	6,220	5,286	Dec. 1, 2007

Photos 1672 to 1675



Quarry 20 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
191	53,388	11,660	9,874	Dec. 20, 2007

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Proposed Quarry Site
- Existing LakeyStream
- R02 — River crossing (crossing structure and dimension)
- Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed centerline of road

AS CONSTRUCTED DATA

- Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing-culvert 600mm/1200mm dia
- R02 — River Crossing-12m30m bridges

NOTES:

Quarry Data Summarized in Table 1

100m stations are referenced to 9+900 N 7135821.224 E 546026.187

Agnico-Eagle Mines Ltd

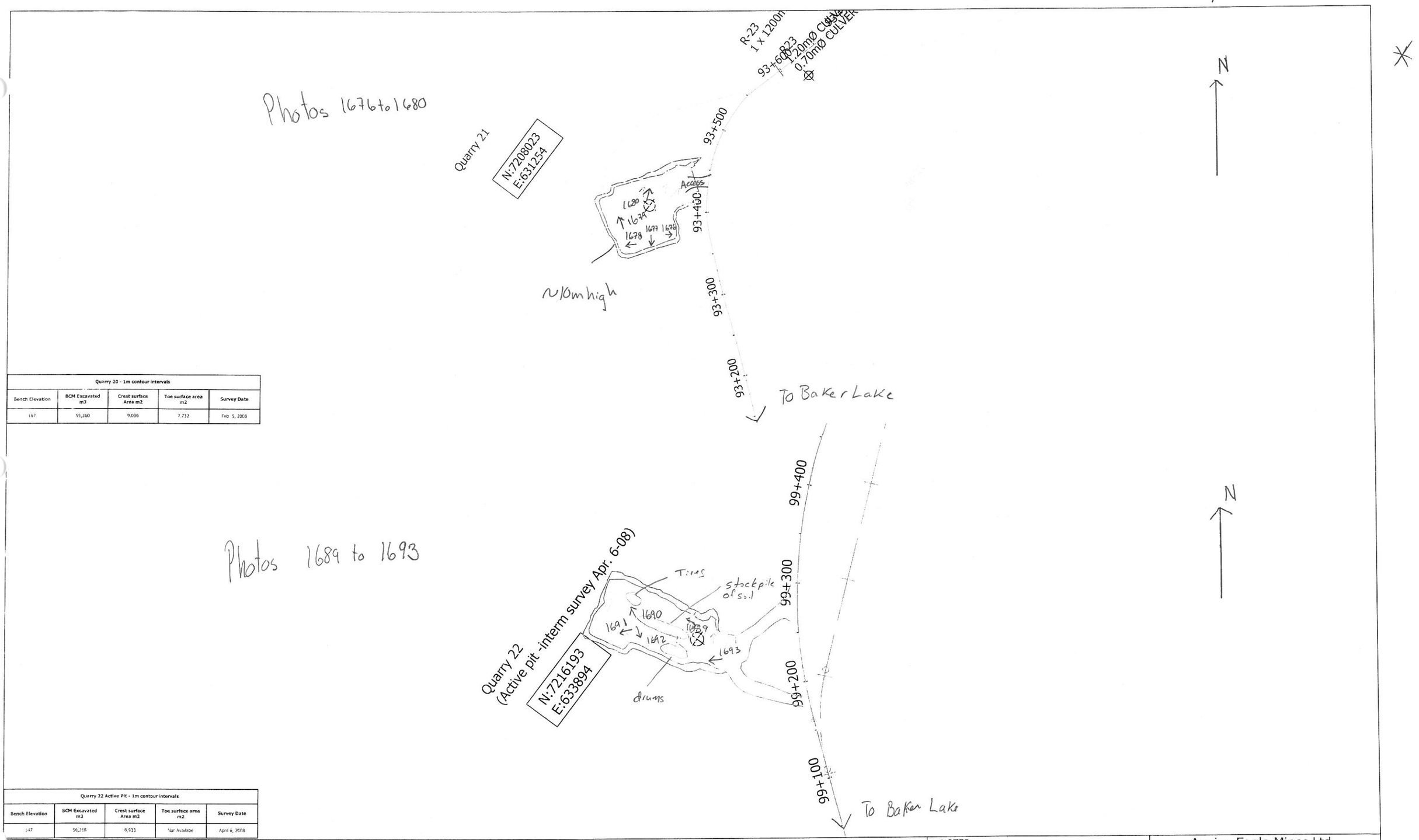
Meadowbank Gold Project
Tehek Access Road Construction

As constructed Quarry Drawing Figure 5

Quarry 17 to Quarry 20

Scale	Drawn	Design	Date
NTS	MC	CG/YB	March 31, 2008

Fiona Estord, Geotechnical Inspection, Oct. 4, 2008



Quarry 20 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
167	55,360	9,096	7,732	Feb 5, 2008

Quarry 22 Active Pit - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
147	56,218	8,933	Not Available	April 6, 2008

GOLDER DATA

- EfLa-3 — Existing Archeological site
- Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimensions)
- Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- Proposed centerline of road

AS CONSTRUCTED DATA

- Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC : — River crossing culvert 800mm/1200mm dia
- R02 — River Crossing 12m/20m bridges

NOTES:

Quarry Data Summarized in Table 1
100m stations are referenced to 94+600 N 7135871.224 E 546026.187

Agnico-Eagle Mines Ltd

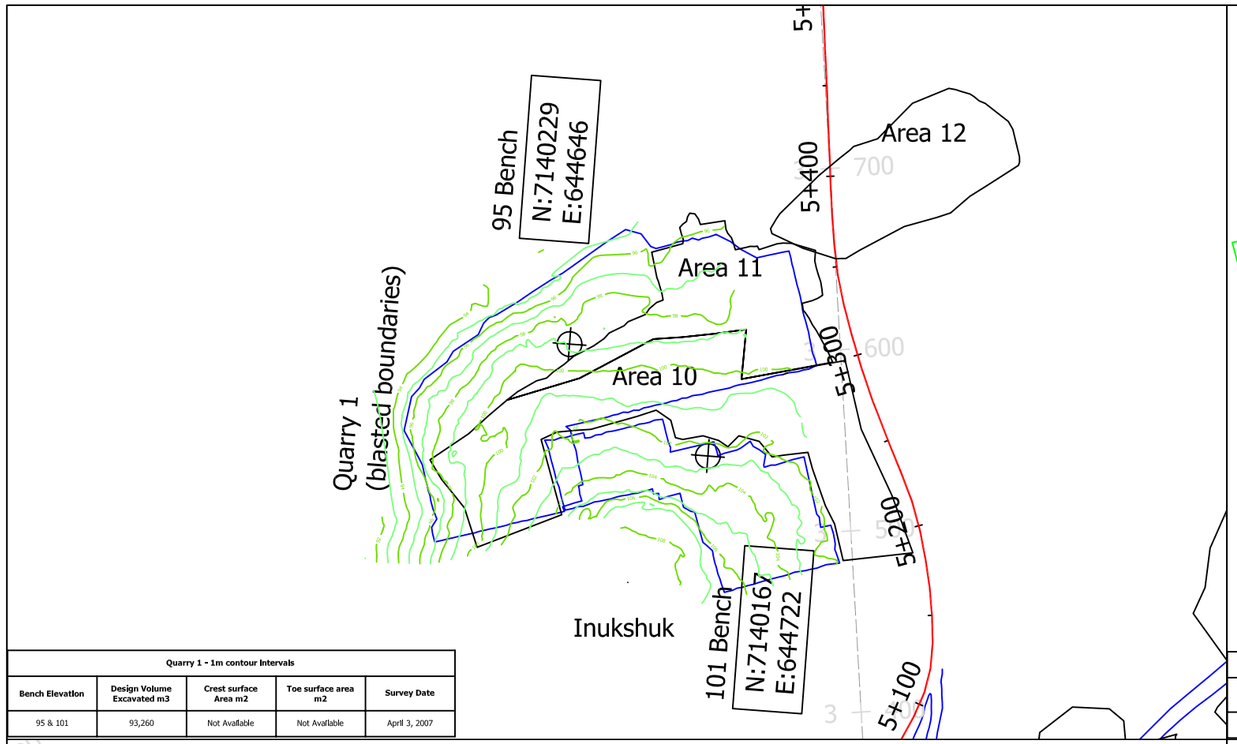
Meadowbank Gold Project
Tehek Access Road Construction

As constructed Quarry Drawing Figure 6

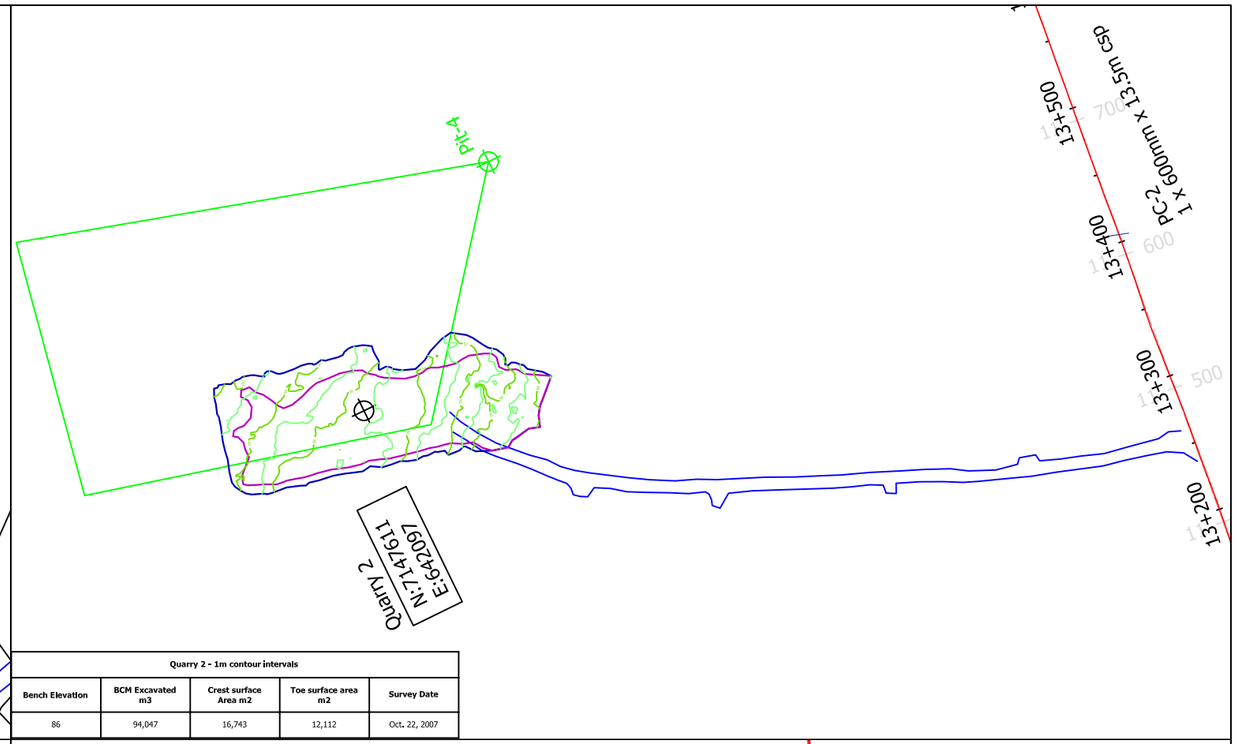
Quarry 21 to Quarry 22

Scale	Drawn	Checked	Date
NTS	MC	CGriffi	April 9, 2008

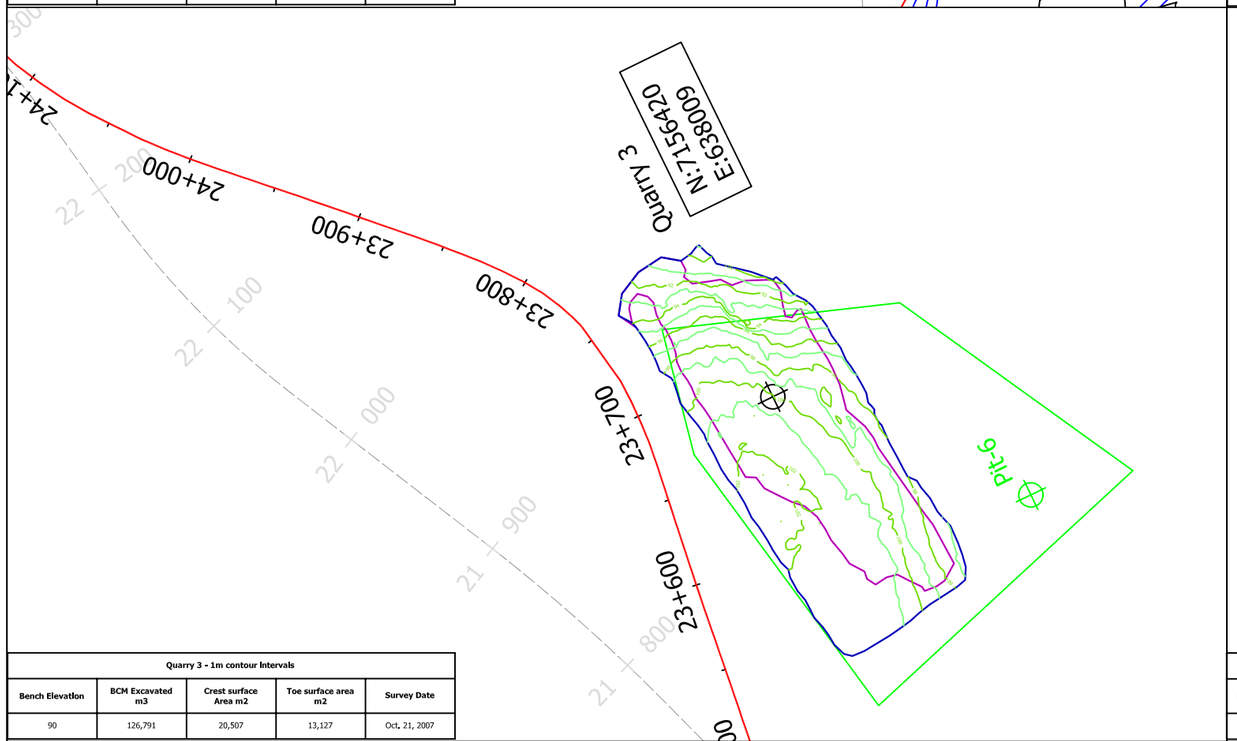
MACKENZIE LTD.



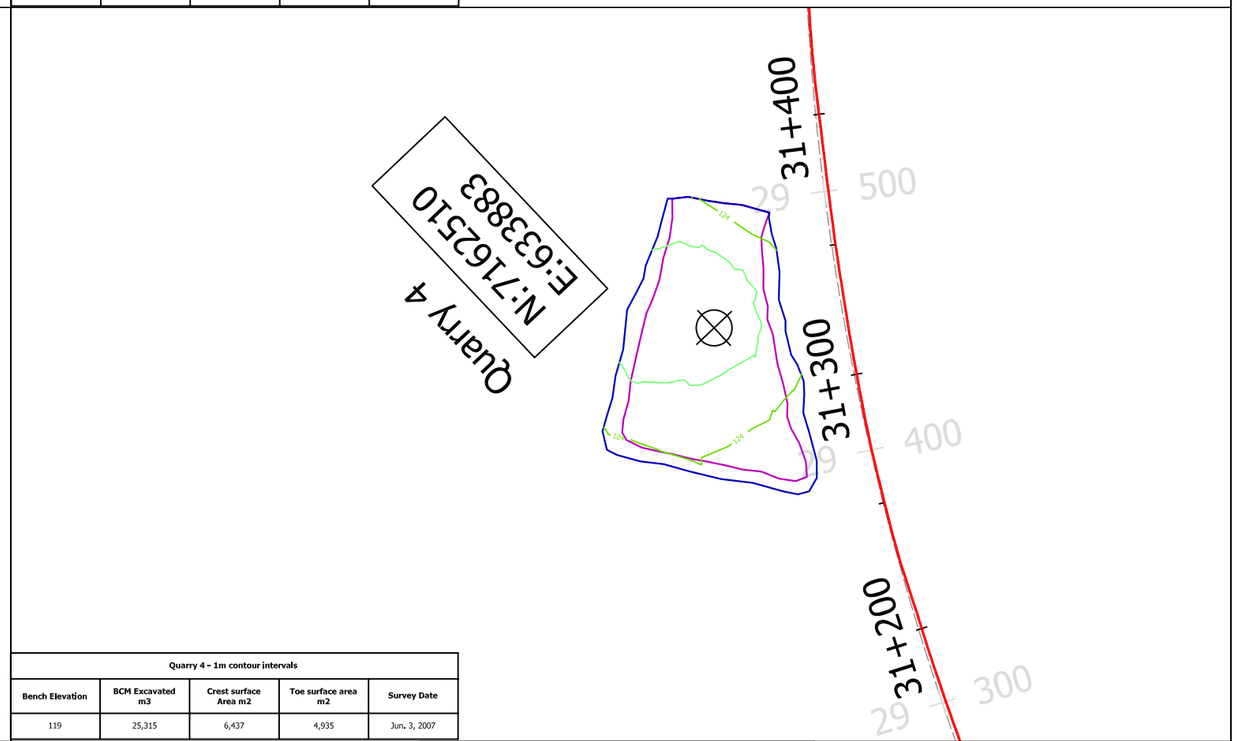
Quarry 1 - 1m contour Intervals				
Bench Elevation	Design Volume Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
95 & 101	93,260	Not Available	Not Available	April 3, 2007



Quarry 2 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
86	94,047	16,743	12,112	Oct. 22, 2007



Quarry 3 - 1m contour Intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
90	126,791	20,507	13,127	Oct. 21, 2007



Quarry 4 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
119	25,315	6,437	4,935	Jun. 3, 2007

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Pit-13 — Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- 1+000 — Proposed centerline of road

AS CONSTRUCTED DATA

- 172 — Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry final at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing-culvert 600mm/1200mm dia
- R02 — River Crossing-12m30m bridges

NOTES:

Quarry Data Summarized In Table 1

100m stations are referenced to 0+000 N 7135821.224 E 646026.187

Agnico-Eagle Mines Ltd — NUNAVUT

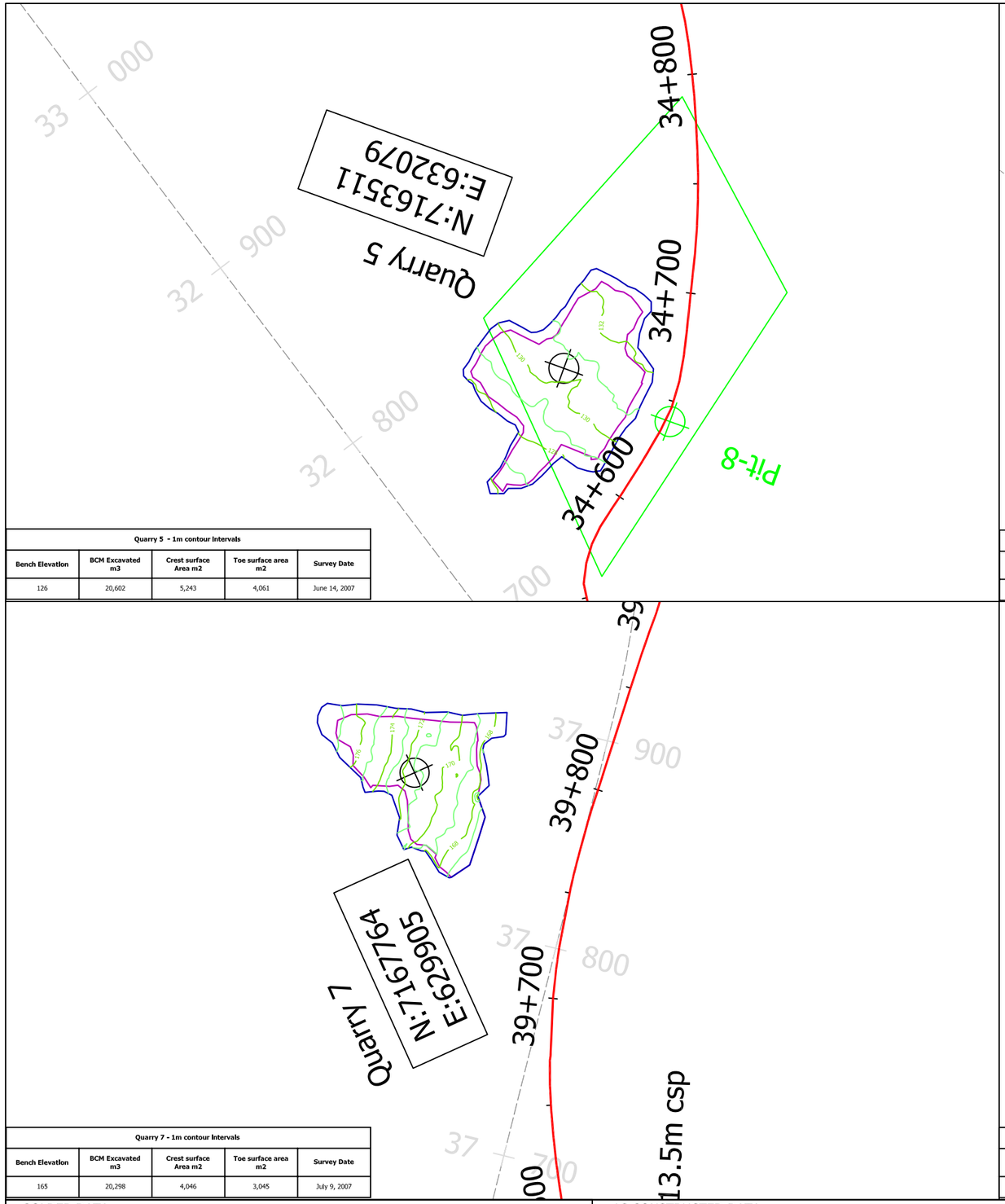
Meadowbank Gold Project
Tehek Access Road Construction

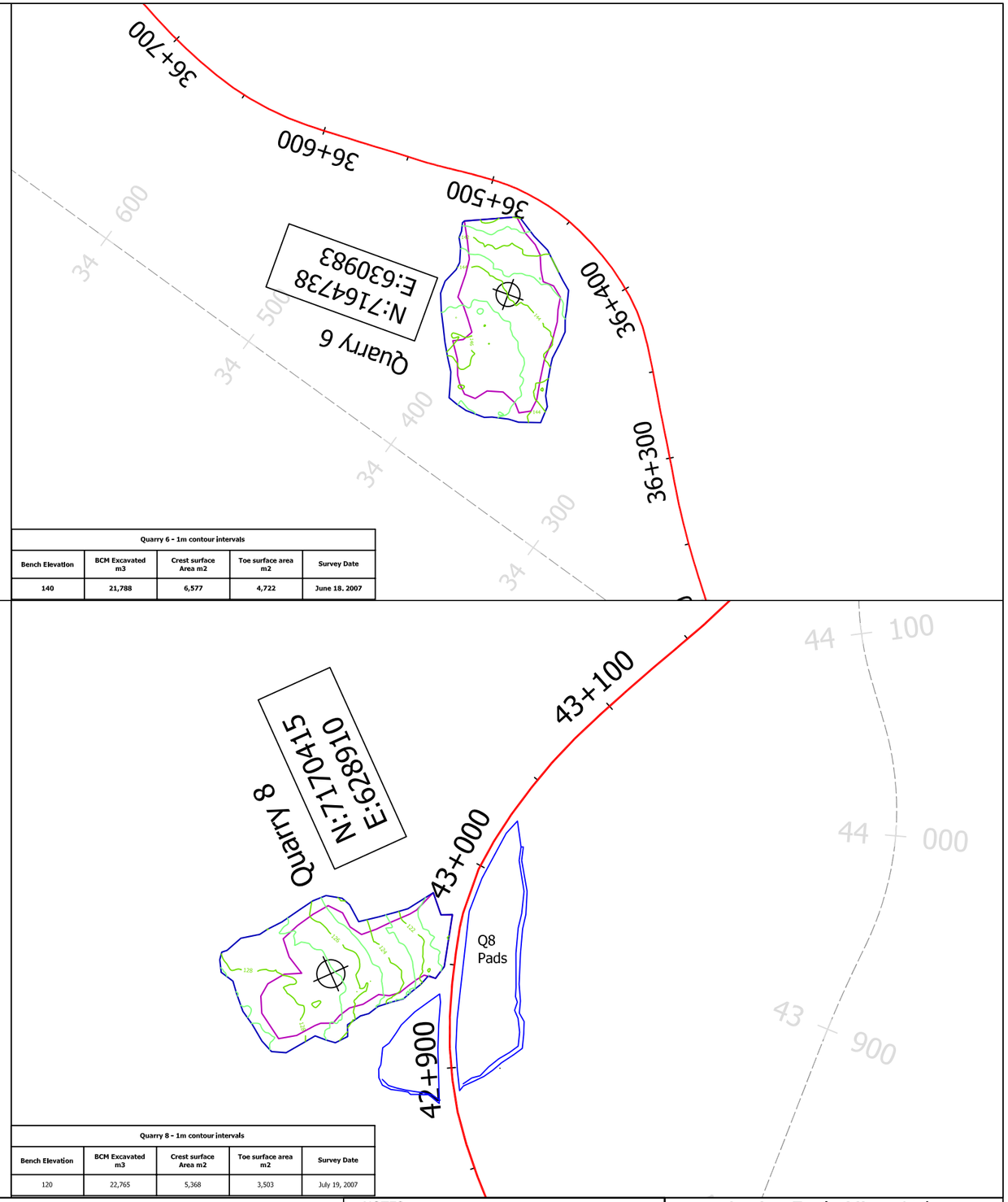
As constructed Quarry Drawing Figure 1

Quarry 1 to Quarry 4

NUNA M & T SERVICES LTD.

Scale	Drawn By	Designed By	Date
NTS	MC	CG/HB	March 31, 2008





Quarry 5 - 1m contour intervals

Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
126	20,602	5,243	4,061	June 14, 2007

Quarry 6 - 1m contour intervals

Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
140	21,788	6,577	4,722	June 18. 2007

Quarry 7 - 1m contour intervals

Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
165	20,298	4,046	3,045	July 9, 2007

Quarry 8 - 1m contour intervals

Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
120	22,765	5,368	3,503	July 19, 2007

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Pit-13 — Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- 1+000 — Existing minor contour (interpreted)
- Proposed centerline of road

AS CONSTRUCTED DATA

- 172 — Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry ffmlt at orfgfnal ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing-culvert 600mm/1200mm dia
- R02 — River Crossing-12m30m bridges

NOTES:

Quarry Data Summarfzed In Table 1

100m stations are referenced to 0+000 N 7135821.224 E 646026.187

Agnico-Eagle Mines Ltd

NUNAVUT

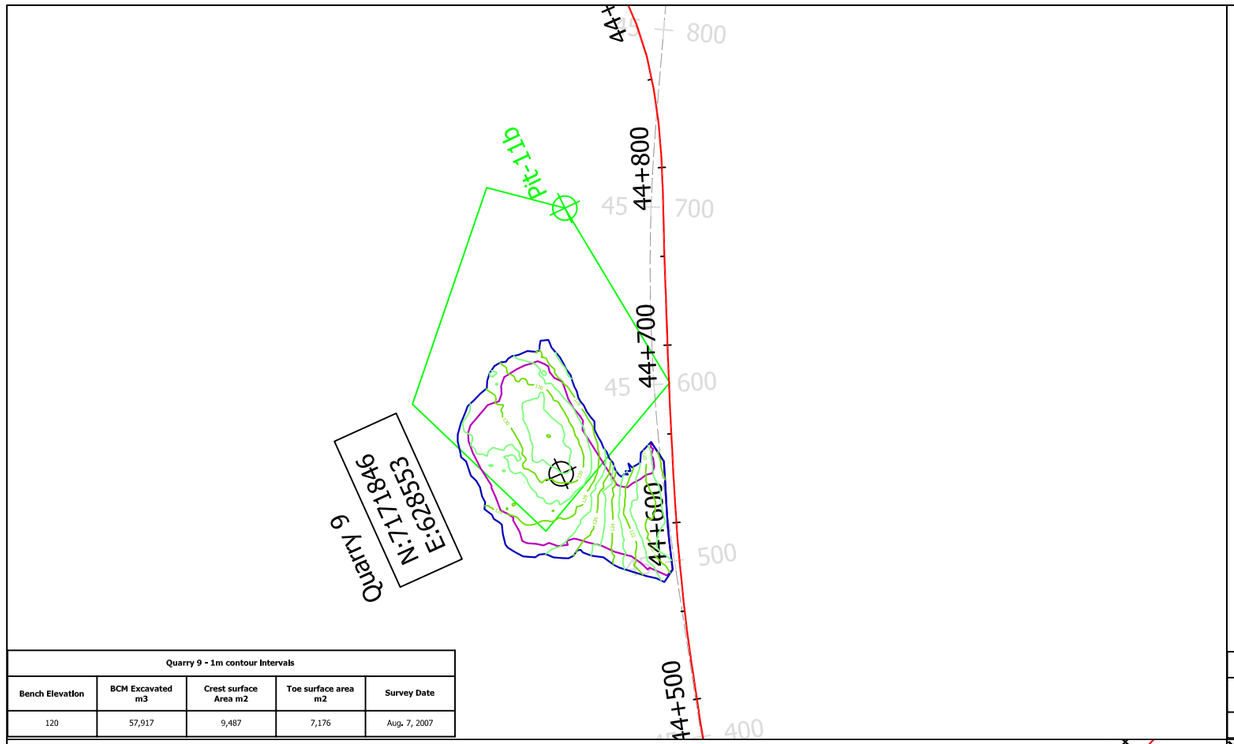
Meadowbank Gold Project
Tehek Access Road Construction

As constructed Quarry Drawing Figure 2

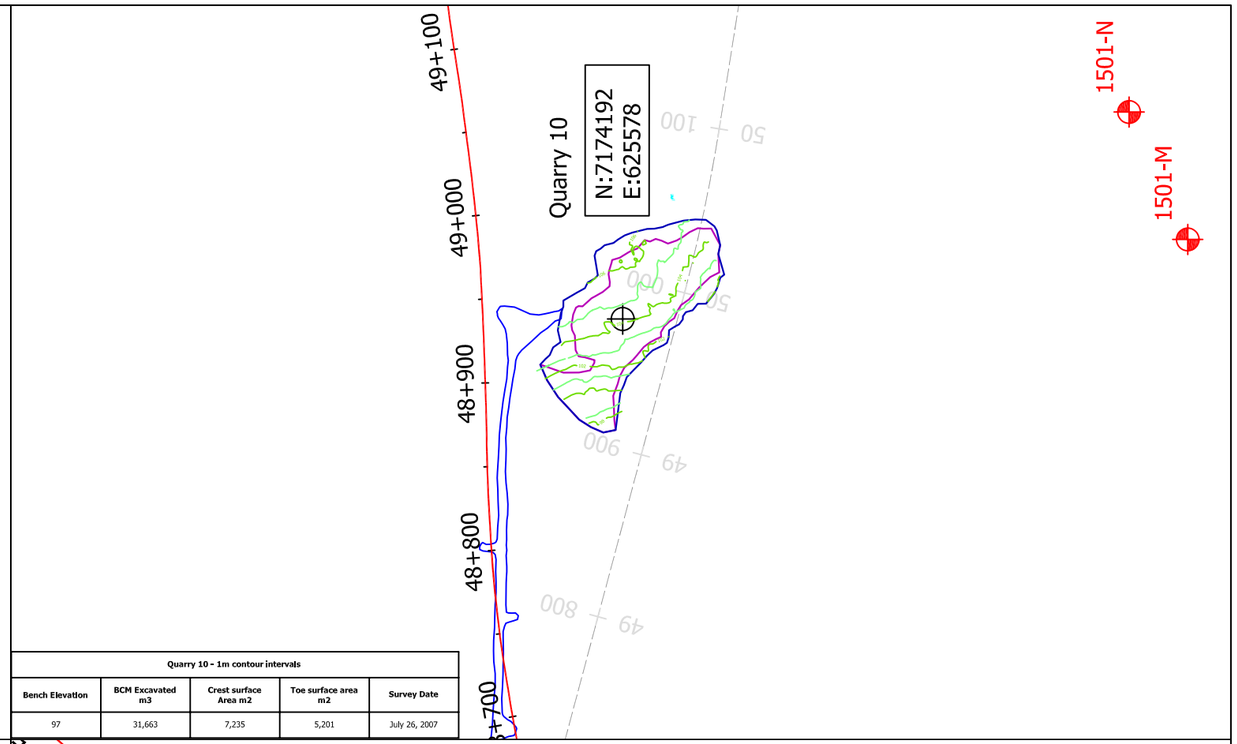
Drawing Title: Quarry 5 to Quarry 8

NUNA M & T SERVICES LTD.

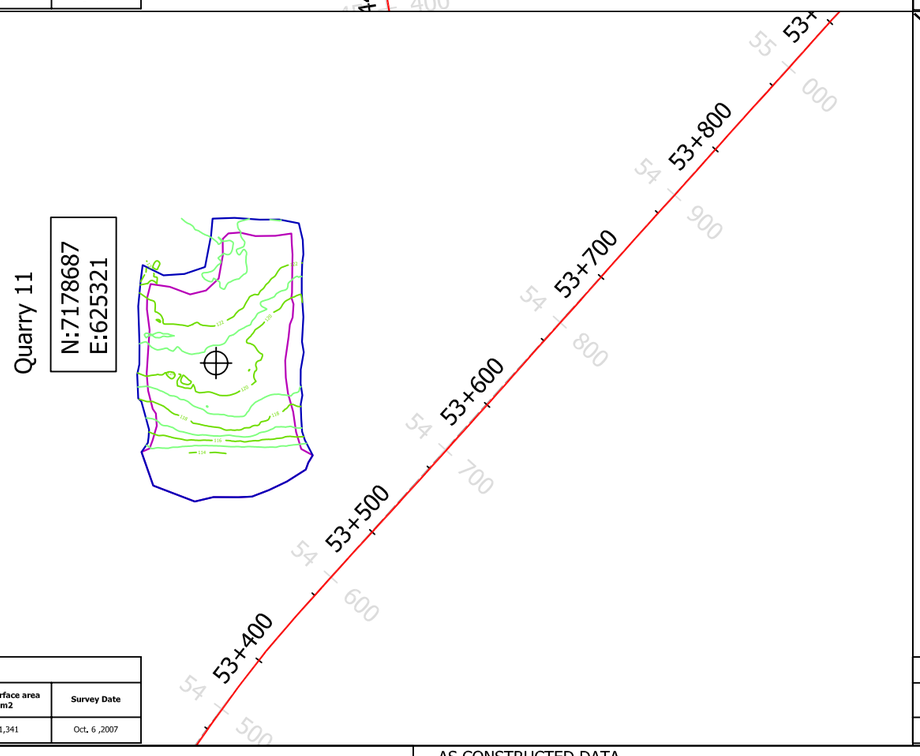
Scale	Drawn By	Designed By	Date
NTS	MC	CG/HB	March 31, 2008



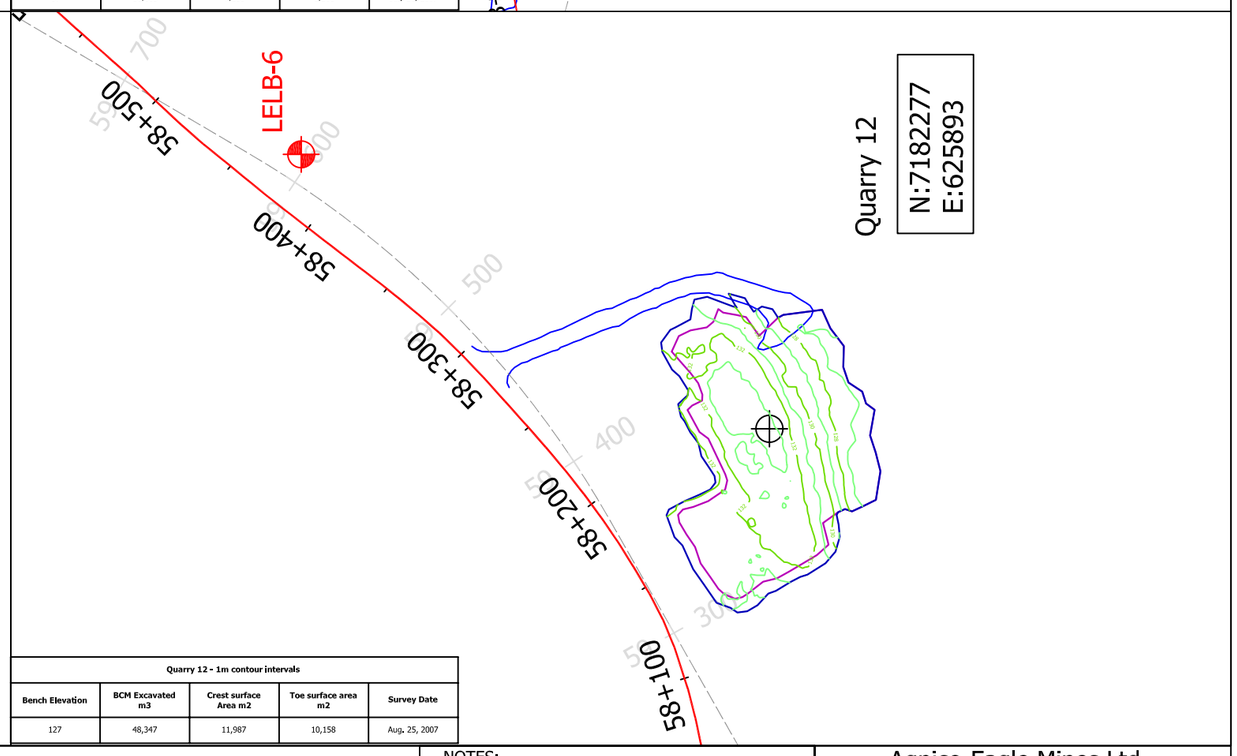
Quarry 9 - 1m contour Intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
120	57,917	9,487	7,176	Aug. 7, 2007



Quarry 10 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
97	31,663	7,235	5,201	July 26, 2007



Quarry 11 - 1m contour Intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
114	63,671	13,744	11,341	Oct. 6 ,2007



Quarry 12 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
127	48,347	11,987	10,158	Aug. 25, 2007

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Pit-13 — Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- 1+000 — Proposed centerline of road

AS CONSTRUCTED DATA

- 172 — Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing-culvert 600mm/1200mm dia
- R02 — River Crossing-12m30m bridges

NOTES:

Quarry Data Summarized In Table 1

100m stations are referenced to 0+000 N 7135821.224 E 646026.187

Agnico-Eagle Mines Ltd

NUNAVUT

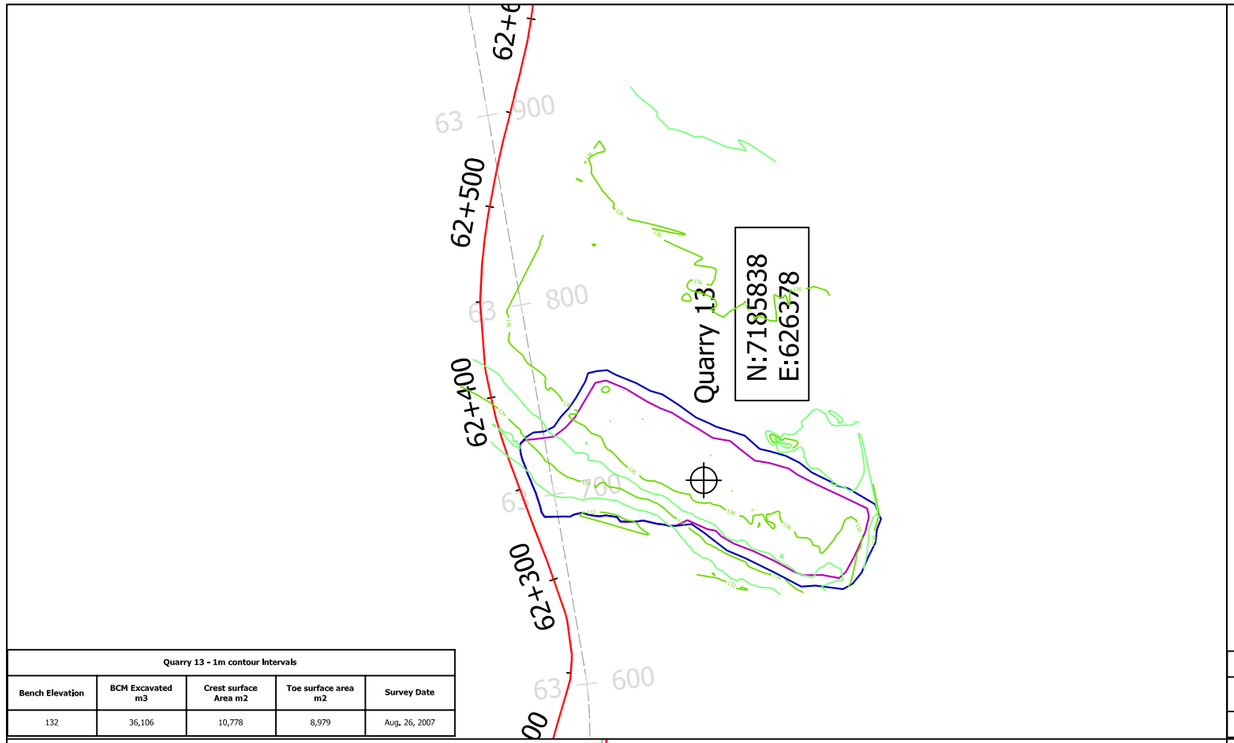
Meadowbank Gold Project
Tehek Access Road Construction

As constructed Quarry Drawing Figure 3

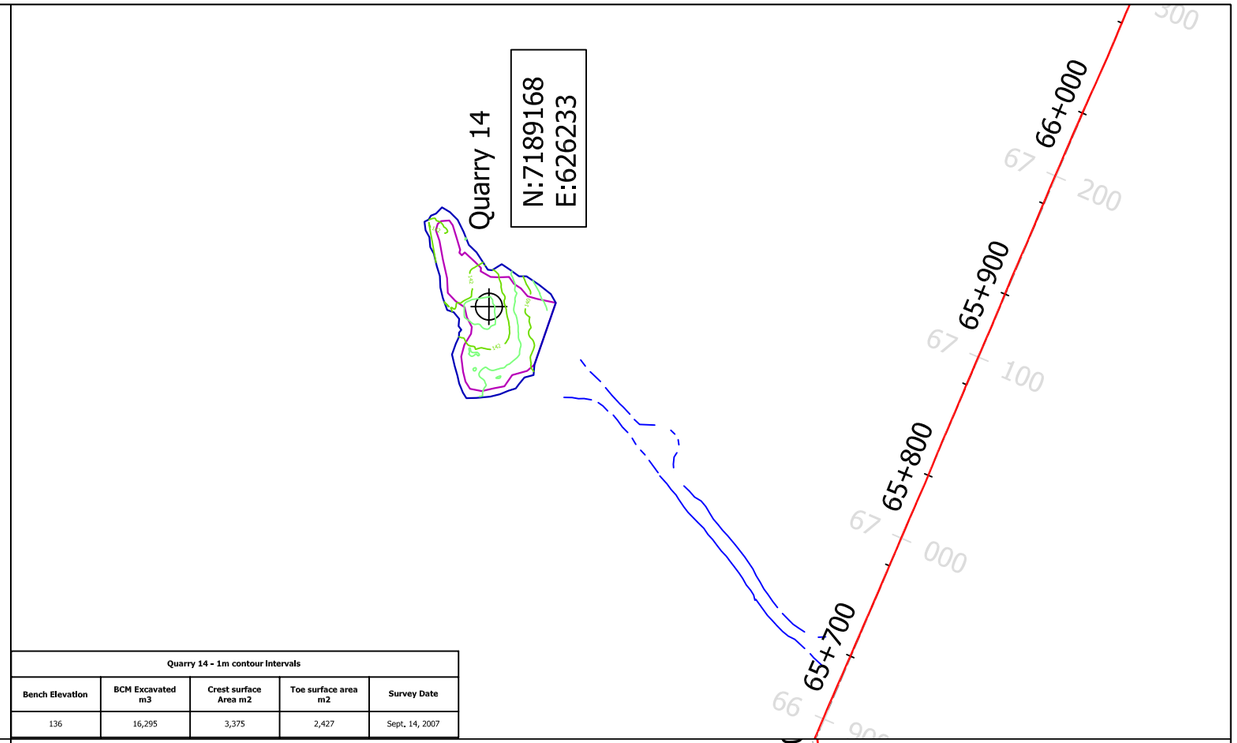
Quarry 9 to Quarry 12

NUNA M & T SERVICES LTD.

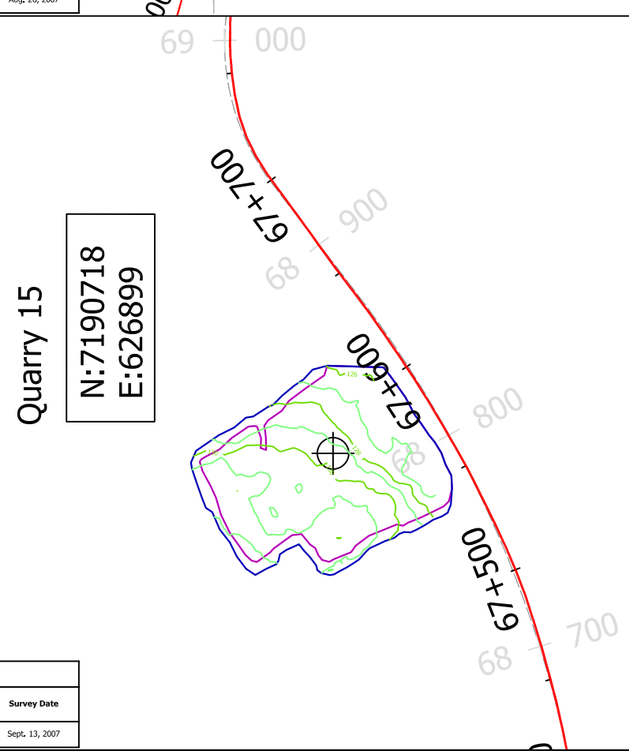
Scale	Drawn by	Checked by	Date
NTS	MC	CG/HB	March 31, 2008



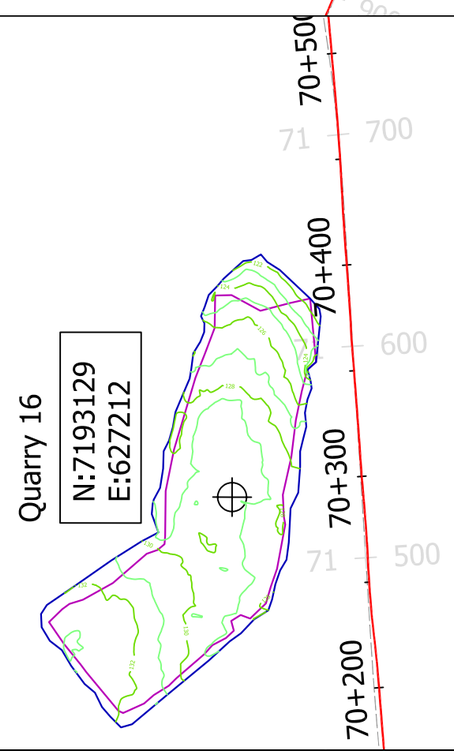
Quarry 13 - 1m contour Intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
132	36,106	10,778	8,979	Aug. 26, 2007



Quarry 14 - 1m contour Intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
136	16,295	3,375	2,427	Sept. 14, 2007



Quarry 15 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
125	30,201	6,940	5,958	Sept. 13, 2007



Quarry 16 - 1m contour Intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
121	88,714	13,634	10,958	May 3, 2008

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Pit-13 — Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- 1+000 — Proposed centerline of road

AS CONSTRUCTED DATA

- 172 — Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing-culvert 600mm/1200mm dia
- R02 — River Crossing-12m30m bridges

NOTES:

Quarry Data Summarized in Table 1

100m stations are referenced to 0+000 N 7135821.224 E 646026.187

Agnico-Eagle Mines Ltd

NUNAVUT

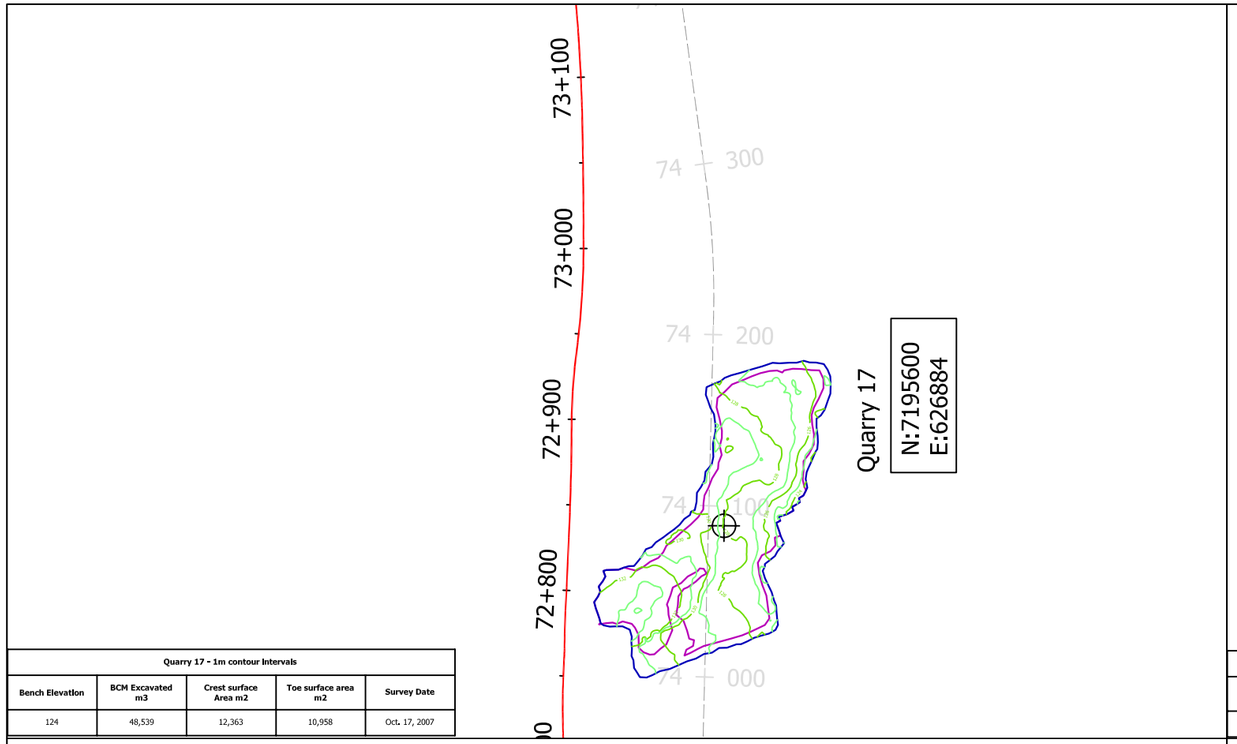
Meadowbank Gold Project
Tehek Access Road Construction

As constructed Quarry Drawing Figure 4

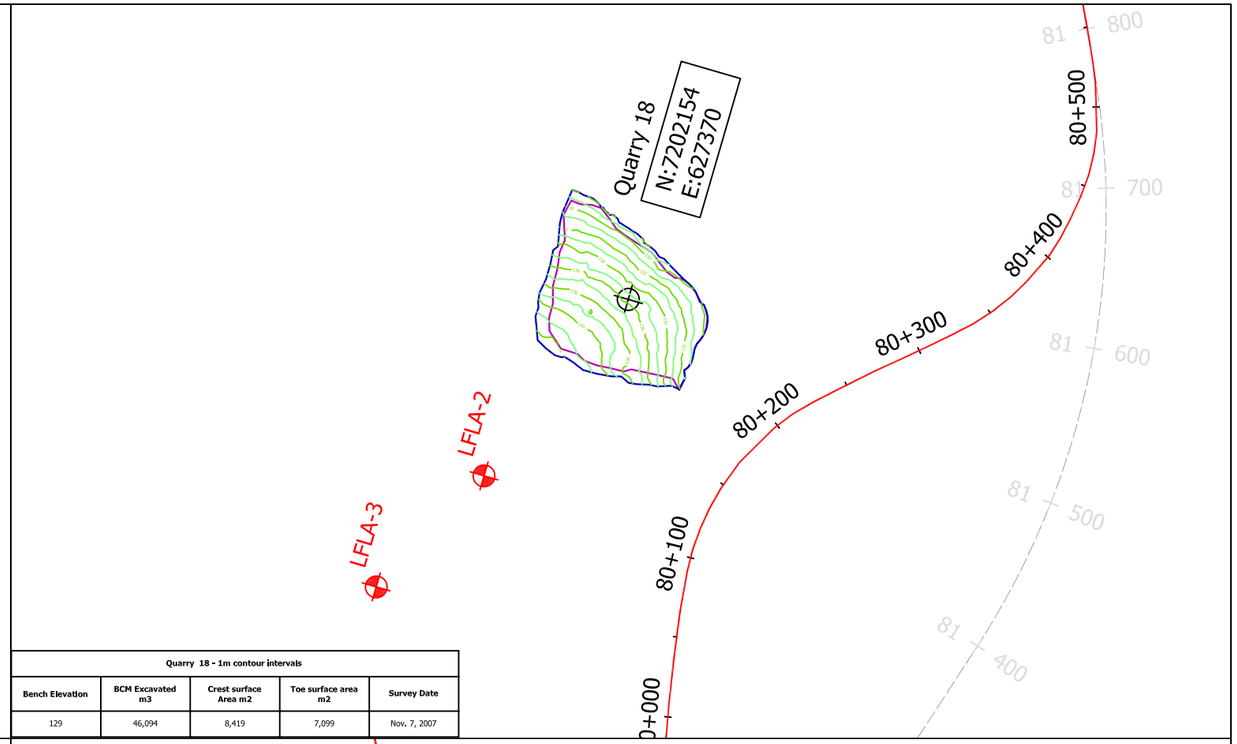
Quarry 13 to Quarry 16

NUNA M & T SERVICES LTD

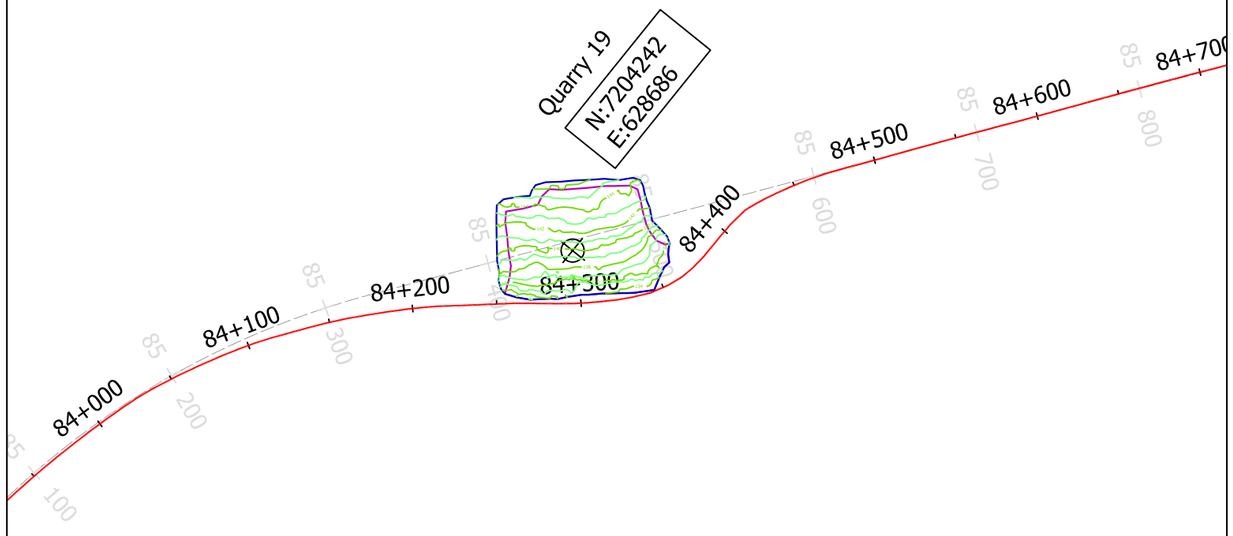
Scale	Designed	Checked	Date
NTS	MC	CG/HB	May 3, 2008



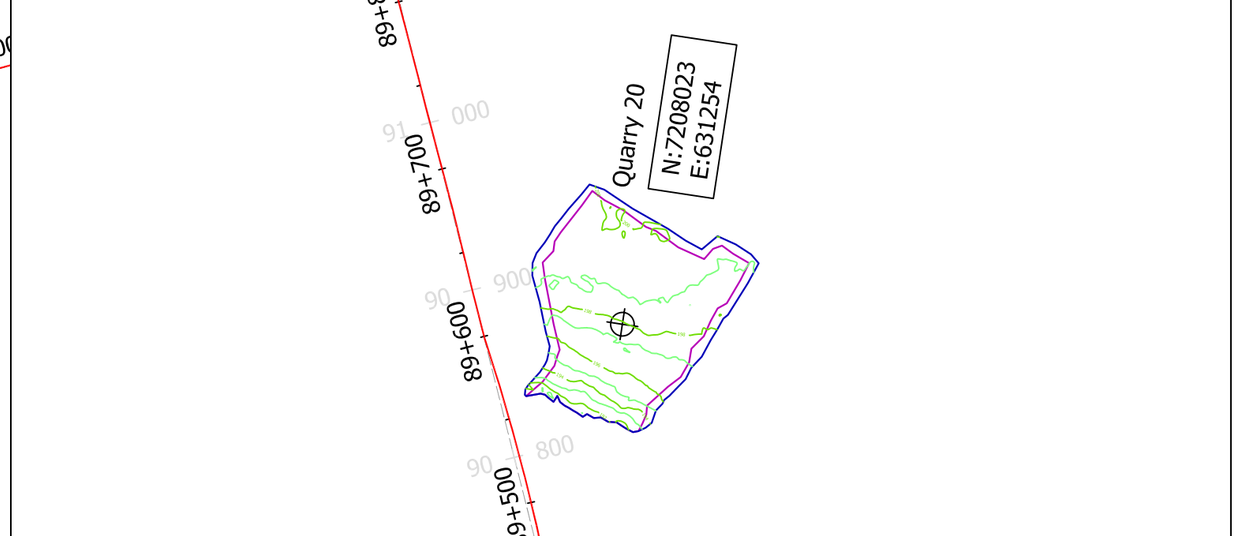
Quarry 17 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
124	48,539	12,363	10,958	Oct. 17, 2007



Quarry 18 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
129	46,094	8,419	7,099	Nov. 7, 2007



Quarry 19 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
133	34,480	6,230	5,286	Dec. 1, 2007



Quarry 20 - 1m contour intervals				
Bench Elevation	BCM Excavated m3	Crest surface Area m2	Toe surface area m2	Survey Date
191	53,388	11,660	9,874	Dec. 20, 2007

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Pit-13 — Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- 1+000 — Proposed centerline of road

AS CONSTRUCTED DATA

- 172 — Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing-culvert 600mm/1200mm dia
- R02 — River Crossing-12m30m bridges

NOTES:

Quarry Data Summarized In Table 1

100m stations are referenced to 0+000 N 7135821.224 E 646026.187

Agnico-Eagle Mines Ltd

NUNAVUT

Meadowbank Gold Project
Tehek Access Road Construction

As constructed Quarry Drawing Figure 5

Drawing Title: Quarry 17 to Quarry 20

Scale	Drawn By	Designed By	Date
NTS	MC	CG/HB	March 31, 2008

NUNA M & T SERVICES LTD.

Quarry 20 - 1m contour Intervals				
Bench Elevation	**BCM Excavated m3**	**Crest surface Area m2**	**Toe surface area m2**	**Survey Date**
167	55,360	9,096	7,732	Feb. 5, 2008

Quarry 22 Active Pit - 1m contour intervals				
Bench Elevation	**BCM Excavated m3**	**Crest surface Area m2**	**Toe surface area m2**	**Survey Date**
147	65,049	10,440	8,634	May 4, 2008

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Pit-13 — Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- 1+000 — Proposed centerline of road

AS CONSTRUCTED DATA

- 172 — Quarry original ground 2m major contour
- Quarry original ground 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing-culvert 600mm/1200mm dia
- R02 — River Crossing-12m30m bridges

NOTES:

Quarry Data Summarized in Table 1

100m stations are referenced to 0+000 N 7135821.224 E 646026.187

Agnico-Eagle Mines Ltd

NUNAVUT

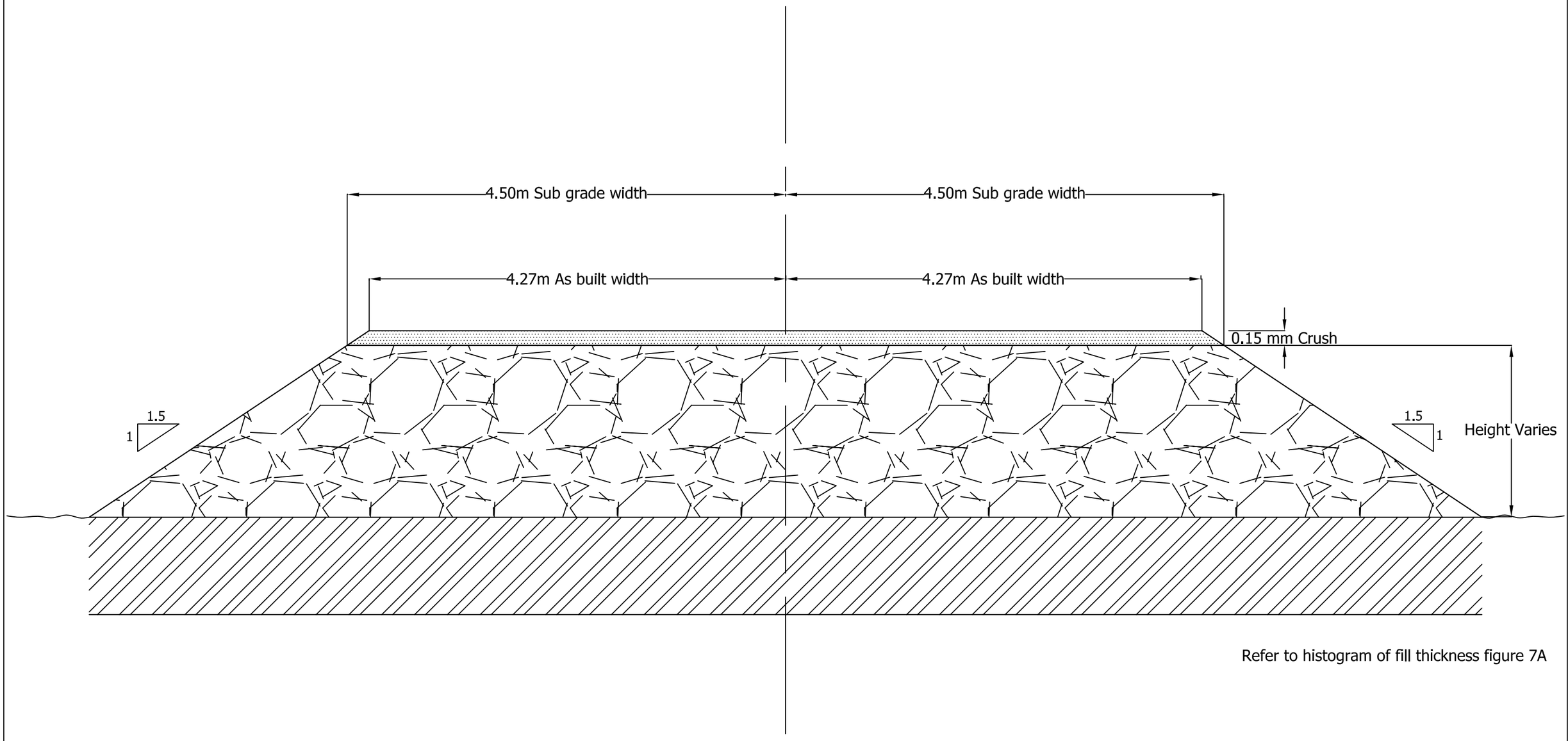
Meadowbank Gold Project
Tehek Access Road Construction

As constructed Quarry Drawing Figure 6

Drawing Title: Quarry 21 to Quarry 22

Scale	Drawn by	Checked by	Date
NTS	MC	CG/HB	May 4, 2008

NUNA M & T SERVICES LTD.



Refer to histogram of fill thickness figure 7A

GOLDER DATA

- LfLa-3 — Existing Archeological site
- Pit-13 — Proposed Quarry Site
- Existing Lake/Stream
- R02 — River crossing (crossing structure and dimension)
- 120 — Existing major contour (10m Topo)
- Existing minor contour (interpreted)
- 1+000 — Proposed centerline of road

AS CONSTRUCTED DATA

- 172 — Quarry as-built 2m major contour
- Quarry as-built 1m minor contour
- Crest boundary of quarry limit at original ground
- Toe boundary of quarry excavation at bench grade
- 1+200 — Centerline of road with 100m stations
- R20 PC-1 — River crossing-culvert 600mm/1200mm dia
- R02 — River Crossing-12m30m bridges

NOTES:

100m stations are referenced to 0+000 N 7135821.224 E 646026.187

Cross reference Figure 7 typical cross section with Figure 7A histogram of fill thickness

Agnico-Eagle Mines Ltd

NUNAVUT

Meadowbank Gold Project
Tehek Access Road Construction

As constructed typical cross section

Drawing Title: Cross Section Figure 7

Scale	Drawn	Checked	Date
NTS	MC	CG/HB	March 27, 2008

NUNA M & T SERVICES LTD.

APPENDIX E

Baker Lake Tank Farm: Photographic Log and Construction Drawings

January 14, 2009
Report No. 08-1428-0028
Doc. No. 797 Ver. 0

Golder Associates

PHOTOGRAPH 1 – Baker Lake Tank Farm

Date Photo: October 3, 2008 **Photo Number**: IMG_1440
Description: Fuel station and Tank 1. Looking east.

PHOTOGRAPH 2 – Baker Lake Tank Farm

Date Photo: October 3, 2008 **Photo Number**: IMG_1441
Description: Tank 1; looking east.

PHOTOGRAPH 3 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1442
Description: Access ramp to Tank 1 and Tank 2 and secondary containment area. Looking southeast.

PHOTOGRAPH 4 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1443
Description: Barge loading area, access road and pipeline to tank farm. Looking southwest.

PHOTOGRAPH 5 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1445
Description: Road from Baker Lake to tank farm. Looking west.

PHOTOGRAPH 6 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1446
Description: Anchor trench on downstream side of containment area for Tank 1 and Tank 2. Note geotextile and HDPE geomembrane evident and rockfill berm. Looking southeast.

PHOTOGRAPH 7 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1447
Description: Tank 1, containment area and ponded water within berm. Looking north.

PHOTOGRAPH 8 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1448
Description: Tank 1, Tank 2, Tank 3 and containment area. Looking east.

PHOTOGRAPH 9 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1449
Description: Tank 2, Tank 3 and Tank 4. Tank 3 and Tank 4 under construction. Ponded water evident. Looking east.

PHOTOGRAPH 10 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1450
Description: Dividing berm between containment areas for Tank 1 and Tank 2, and Tank 3 and Tank 4. Looking east.

PHOTOGRAPH 11 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1451
Description: Tank 3 and Tank 4 under construction. Looking east.

PHOTOGRAPH 12 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1452
Description: Crest of dividing berm between Tanks 1 and 2, and Tanks 3 and 4. Looking northeast.

PHOTOGRAPH 13 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1453
Description: Tanks 3 and 4 along north side of containment area, view of rock cut slope. Looking east.

PHOTOGRAPH 14 – Baker Lake Tank Farm
Date Photo: October 3, 2008 Photo Number: IMG_1454
Description: Rock cut along north side of containment area for Tanks 1 and 2. Tank 1 evident in photo. Looking west.

PHOTOGRAPH 15 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1455
Description: Rock cut along north side of containment area. Tank 1 in the foreground and Tank 4 in the background. Looking east.

PHOTOGRAPH 16 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1456
Description: Tank 1 and fueling trailers. Looking southwest.

PHOTOGRAPH 17 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1457
Description: Lower rockfill berm, south side of tank farm. Looking east.

PHOTOGRAPH 18 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1458
Description: Tank 1 and Tank 2 lower rockfill berm. Looking northeast.

PHOTOGRAPH 19 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1459
Description: Rockfill berm south side of Tank 1 and Tank 2. Looking east.

PHOTOGRAPH 20 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1460
Description: Rockfill berm below south side of Tank 2. Looking east.

PHOTOGRAPH 21 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1461
Description: Fill around base of Tanks 1 and 2, geotextile evident. Looking west.

PHOTOGRAPH 22 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1462
Description: Silt fence downstream of Tank 3 and Tank 4 construction area. Looking south.

PHOTOGRAPH 23 – Baker Lake Tank Farm

Date Photo: October 3, 2008 **Photo Number**: IMG_1463
Description: Rockfill containment berm, south side of tanks. Looking east.

PHOTOGRAPH 24 – Baker Lake Tank Farm

Date Photo: October 3, 2008 **Photo Number**: IMG_1464
Description: Rockfill containment berm south and east sides of Tank 4. Looking north.

PHOTOGRAPH 25 – Baker Lake Tank Farm

Date Photo: October 3, 2008 Photo Number: IMG_1465
Description: Rockfill berm south side of tank farm Tanks 4, 3, 2 and 1. Looking west.

PHOTOGRAPH 26 – Baker Lake Tank Farm

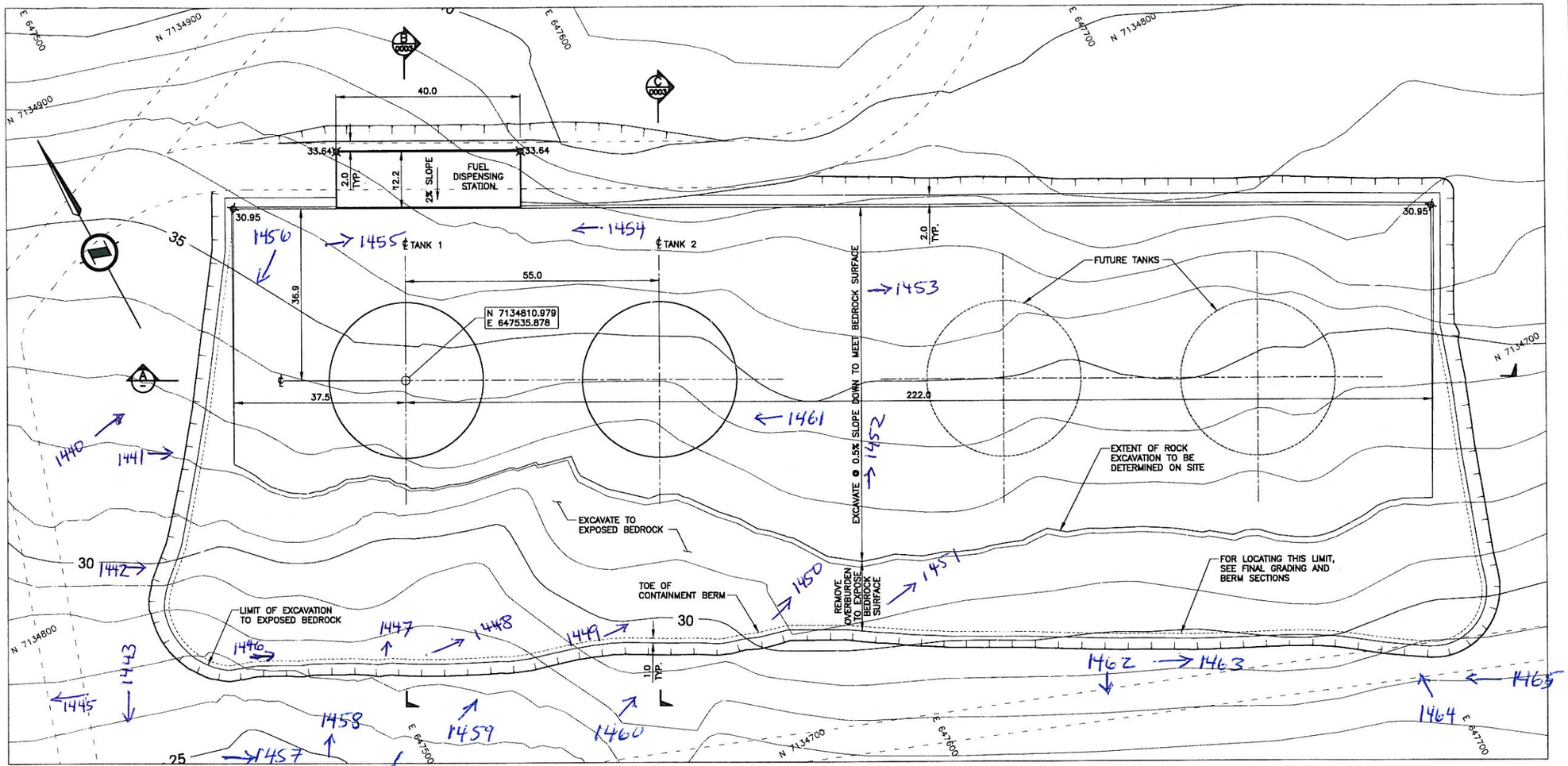
Date Photo: October 3, 2008 Photo Number: IMG_1466
Description: Barge loading and unloading facility. South of tank farm. Looking southwest.

PHOTOGRAPH 27 – Baker Lake Tank Farm

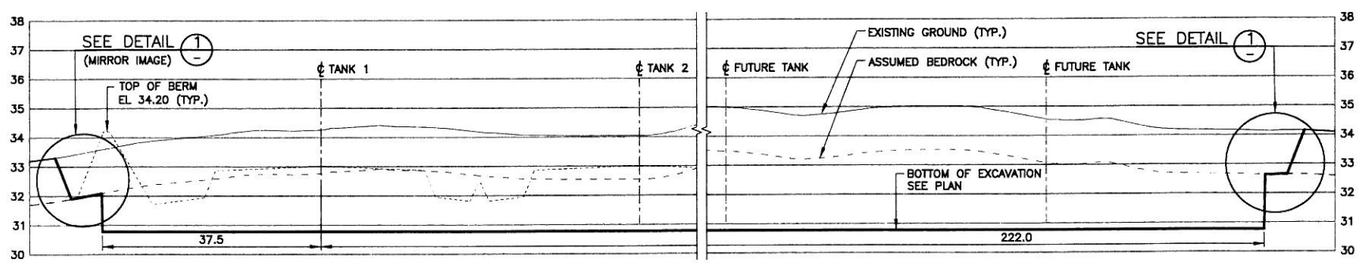
Date Photo: October 3, 2008 Photo Number: IMG_1467
Description: Access road between Baker Lake and barge loading area and tank farm. Looking west.

PHOTOGRAPH 28 – Baker Lake Tank Farm

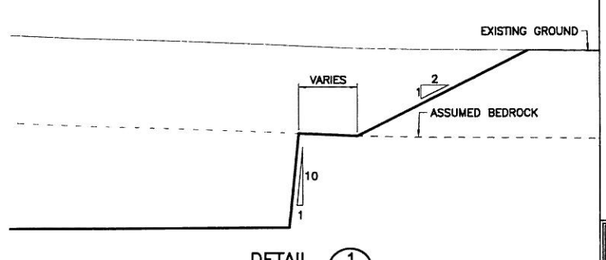
Date Photo: October 3, 2008 Photo Number: IMG_1468
Description: Working platform on west side of tank farm, constructed of rockfill. Looking north.



PLAN
1:500



SECTION A
1:500H 1:100V



DETAIL 1
1:50

NOTES

1) Northings and Eastings are in metres referenced to UTM Zone 14, NAD83.
2) Base Plan information including site topography, access roads and storage areas provided by Cumberland dated February 03, 2006.
3) Elevations are in metres referenced to geodetic datum.

LEGEND:

TOP OF CUT

33.64 SPOT ELEVATION

0 1:50 2
0 1:500 25

PERMIT TO PRACTICE
NISHI-KHON/SNC-LAVALIN LIMITED
Signature A.R. WACHMANN
Date
PERMIT NUMBER: P 272

NISHI-KHON/ SNC◆LAVALIN

MEADOWBANK GOLD PROJECT

BAKER LAKE
DIESEL FUEL TANK FARM
TANK PAD EXCAVATION
PLAN, SECTION AND DETAIL

PROJECT NUMBER	DRAWING NUMBER	REV.
017202	1000-41D1-0002	PB

ENG. NO.	DESCRIPTION	CLIENT	PROJECT ENGINEER	COORD.	DESIGNED ENGINEER	CHECK
REFERENCE DRAWINGS						

NO.	DESCRIPTION	DATE	BY	CLIENT	PROJECT ENGINEER	COORD.	DESIGNED ENGINEER	CHECK
REVISIONS								

NO.	DESCRIPTION	DATE	BY
PB	ISSUED FOR TENDER	07-04-03	RU
PA	ISSUED FOR COMMENTS	06-06-22	RU
REVISIONS			

ENGINEERS STAMP

SECTION	CIVIL	
SCALE	AS SHOWN	DATE
DESIGNED	R. UMENO	JUNE 2006
DRAWN	E. S. LAY	JUNE 2006
CHECKED		
APPROVED		

CUMBERLAND RESOURCES

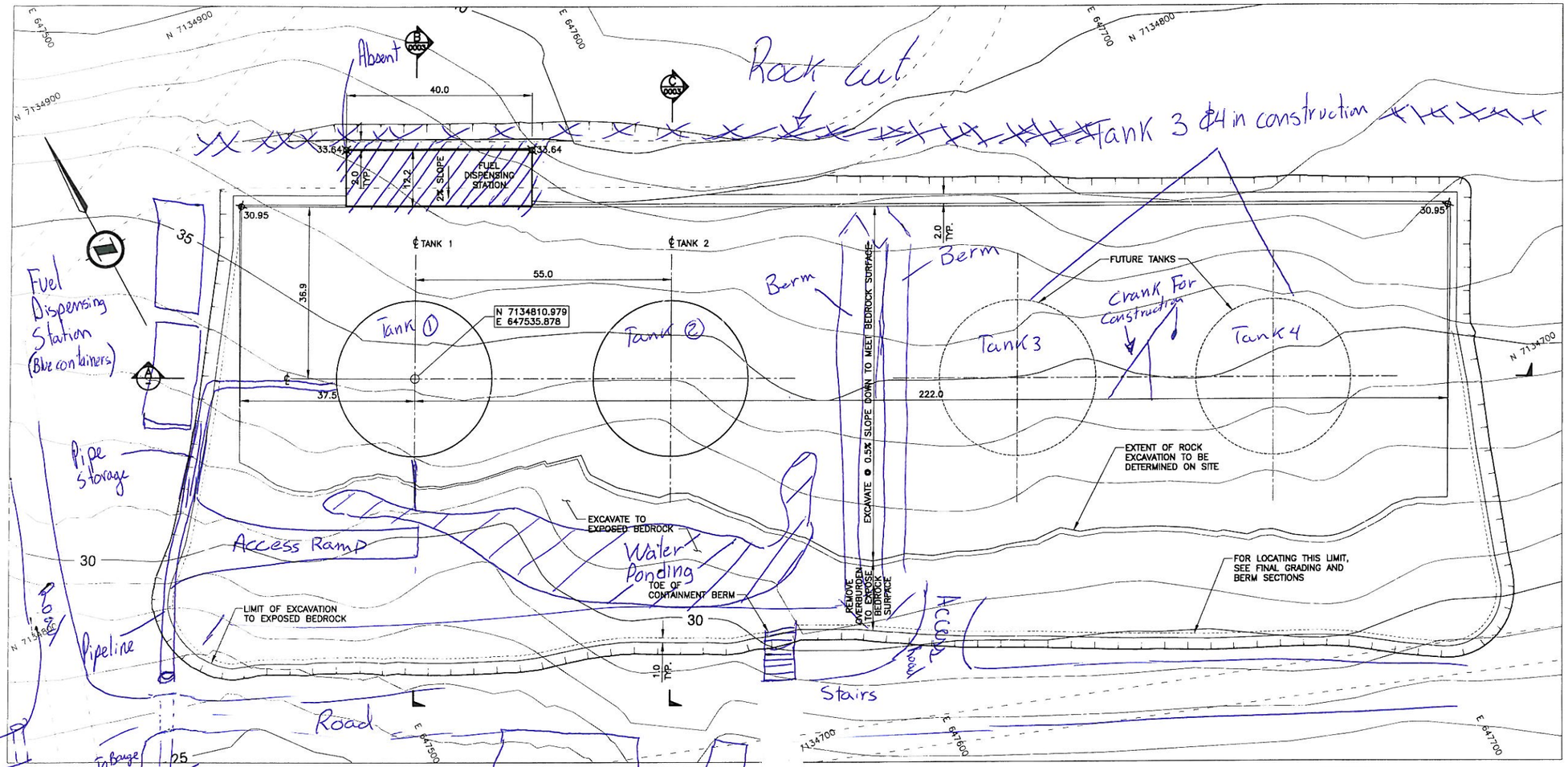
DATE: 2007/04/04 - 10:04am
PATH: K:\017202 - Meadowbank\41 - Civil Engineering\41DK - Sketches-Drawings\BAKER LAKE - Sketches & Drawings\017202-1000-41D1-0002.dwg

Fiona ES Ford
Geotechnical Inspection, Oct. 3. 2008

Absent

Rock cut

Tank 3 & 4 in construction



Fuel Dispensing Station (Blue containers)

Pipe storage

Access Ramp

Water Ponding

Pipeline

To Barge

Culvert

Road

Stairs

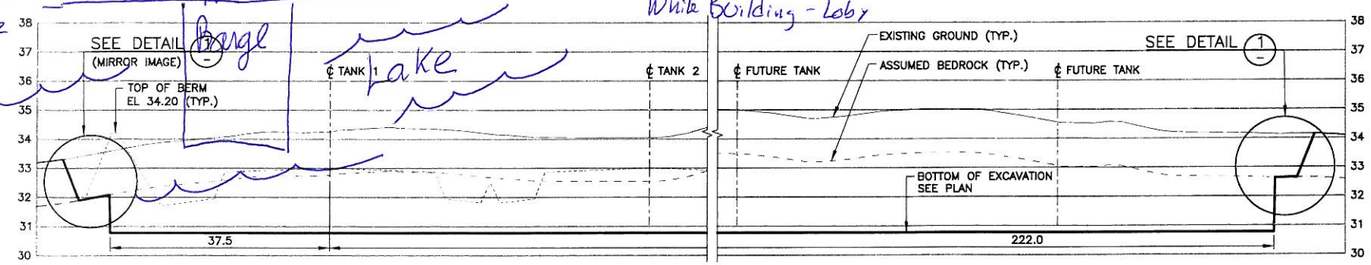
Shore

Lake

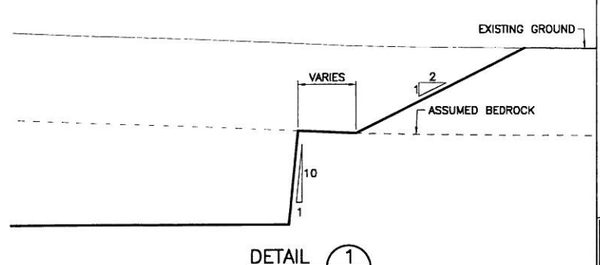
Barge

White Building - Lobby

Silt fence



SECTION A
1:500H 1:100V



DETAIL 1
1:50

NOTES

1) Northings and Eastings are in metres referenced to UTM Zone 14, NAD83.
2) Base Plan Information including site topography, access roads and storage areas provided by Cumberland dated February 03, 2006.
3) Elevations are in metres referenced to geodetic datum.

LEGEND:

——— TOP OF CUT

33.64 SPOT ELEVATION

0 1:50 2
0 1:500 25

PERMIT TO PRACTICE
NISHI-KHON/SNC-LAVALIN LIMITED
Signature A.R. WACHMANN
Date
PERMIT NUMBER: P 272

NISHI-KHON/ SNC◆LAVALIN

MEADOWBANK GOLD PROJECT
BAKER LAKE
DIESEL FUEL TANK FARM
TANK PAD EXCAVATION
PLAN, SECTION AND DETAIL

PROJECT NUMBER	DRAWING NUMBER	REV.
017202	1000-41D1-0002	PB

DWG. NO.	DESCRIPTION
	REFERENCE DRAWINGS

NO.	DESCRIPTION	DATE	BY
	REVISIONS		

NO.	DESCRIPTION	DATE	BY
PB	ISSUED FOR TENDER	07-04-03	RU
PA	ISSUED FOR COMMENTS	06-06-22	RU
	REVISIONS		

ENGINEERS STAMP

SECTION	CIVIL	
SCALE	AS SHOWN	DATE
DESIGNED	R. UMENO	JUNE 2006
DRAWN	E. S. LAY	JUNE 2006
CHECKED		
APPROVED		

CUMBERLAND RESOURCES

DATE: 2007/04/04 - 10:06am
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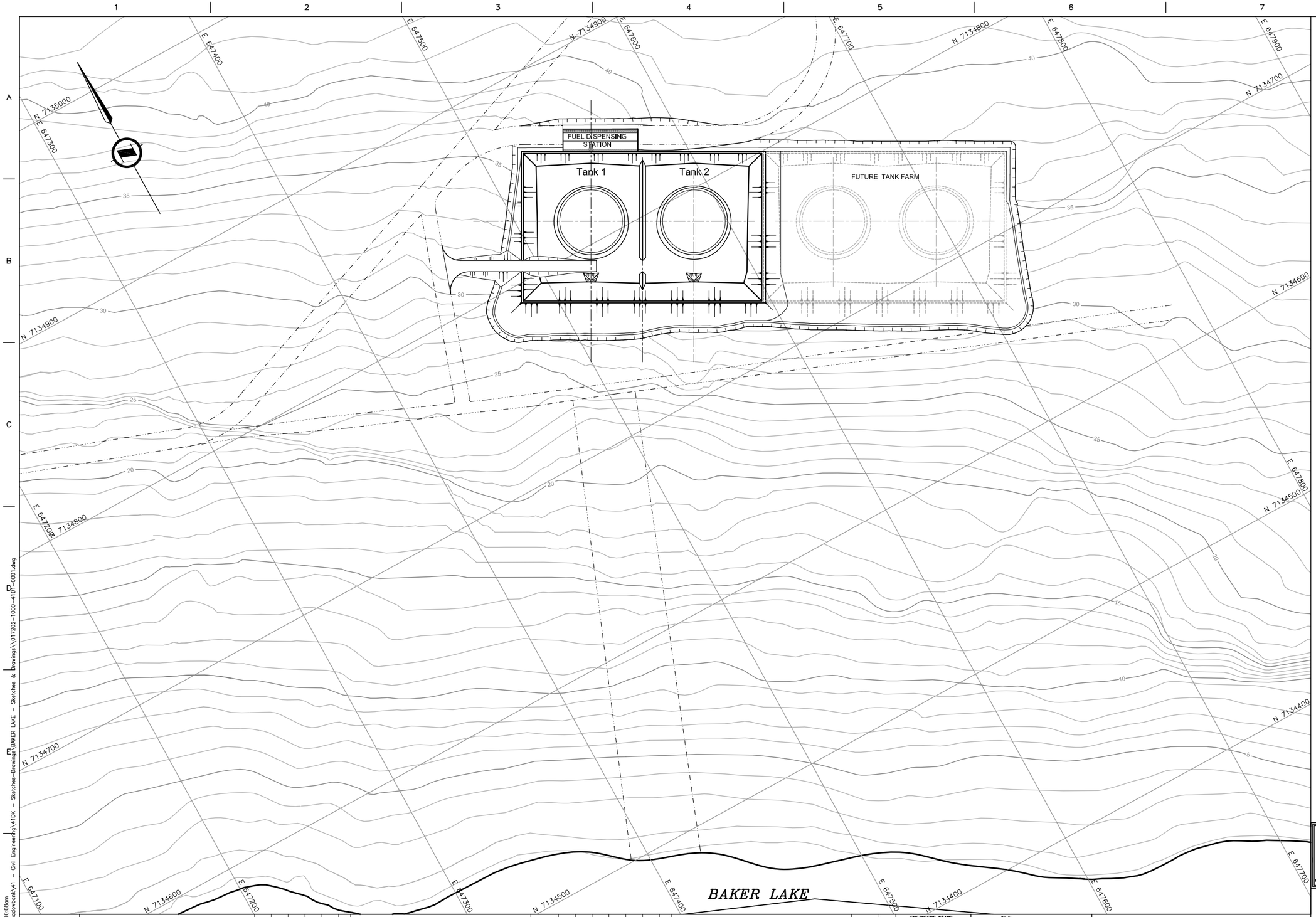

NOTES

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2) Base Plan information including site topography, access roads and storage areas provided by Cumberland dated February 03, 2006.
3) Elevations are in metres referenced to geodetic datum.

0 1:1000 50

PERMIT TO PRACTICE
NISHI-KHON/SNC-LAVALIN LIMITED
Signature A.R. WACHMANN
Date ..
PERMIT NUMBER: P 272
The Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories

NISHI–KHON/ SNC ◆ LAVALIN

MEADOWBANK GOLD PROJECT

BAKER LAKE
DIESEL FUEL TANK FARM
GENERAL ARRANGEMENT
LOCATION PLAN

PROJECT NUMBER	DRAWING NUMBER	REV.
017202	1000–41D1–0001	PB

DWG. NO.	DESCRIPTION
	REFERENCE DRAWINGS

NO.	DESCRIPTION	DATE	BY
PB	ISSUED FOR TENDER	07–04–04	RU
PA	ISSUED FOR COMMENTS	06–06–22	RU

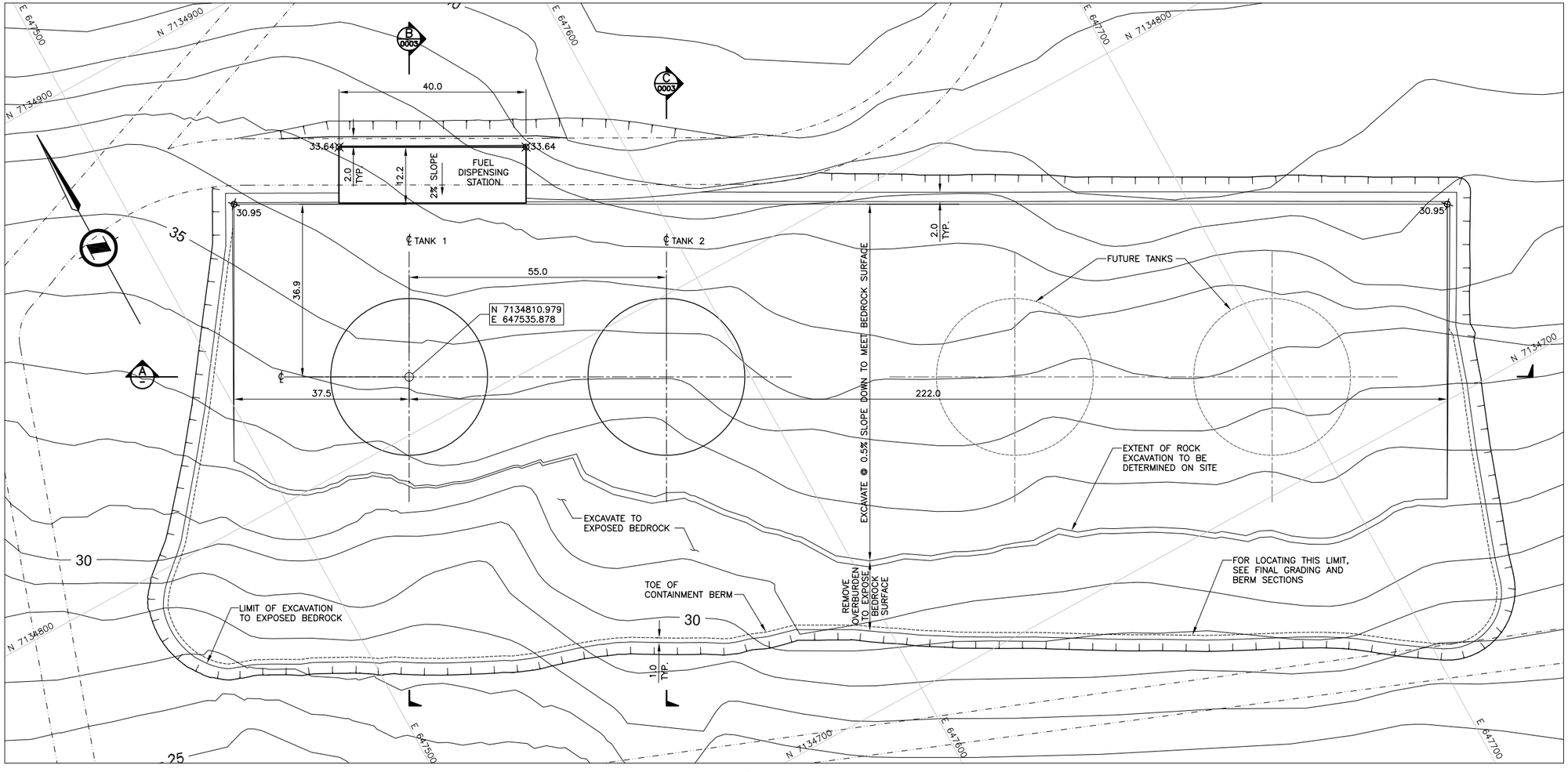
REVISIONS

ENGINEERS STAMP

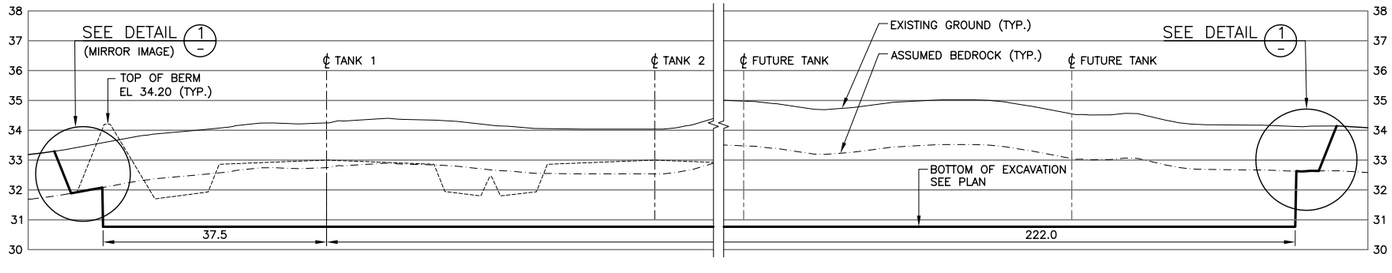
SECTION:	CIVIL	
SCALE:	AS SHOWN	DATE
DESIGNED:	R. UMENO	JUNE 2006
DRAWN:	E. S. LAY	JUNE 2006
CHECKED:		
APPROVED:		

CUMBERLAND RESOURCES

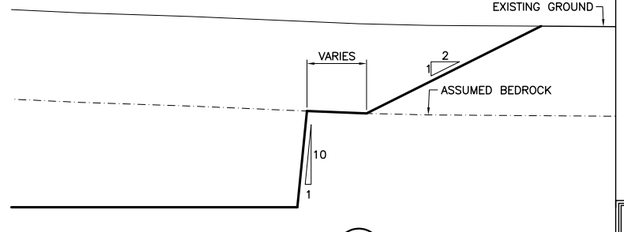
DATE: 2007/04/04 – 10:08am
PATH: N:\017202 – Meadowbank\41 – Civil Engineering\41DK – Sketches–Drawings\BAKER LAKE – Sketches & Drawings\017202–1000–41D1–0001.dwg



PLAN
1:500



SECTION A
1:500H 1:100V



DETAIL 1
1:50

NOTES

1) Northings and Eastings are in metres referenced to UTM Zone 14, NAD83.
2) Base Plan information including site topography, access roads and storage areas provided by Cumberland dated February 03, 2006.
3) Elevations are in metres referenced to geodetic datum.

LEGEND:

TOP OF CUT

33.64 SPOT ELEVATION

0 1:50 2
0 1:500 25

PERMIT TO PRACTICE
NISHI-KHON/SNC-LAVALIN LIMITED
Signature A.R. WACHMANN
Date ..
PERMIT NUMBER: P 272
The Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories

NISHI-KHON/ SNC ◆ LAVALIN

MEADOWBANK GOLD PROJECT

BAKER LAKE
DIESEL FUEL TANK FARM
TANK PAD EXCAVATION
PLAN, SECTION AND DETAIL

PROJECT NUMBER	DRAWING NUMBER	REV.
017202	1000-41D1-0002	PB

DWG. NO.	DESCRIPTION
	REFERENCE DRAWINGS

NO.	DESCRIPTION	DATE	BY
PB	ISSUED FOR TENDER	07-04-03	RU
PA	ISSUED FOR COMMENTS	06-06-22	RU

REVISIONS

ENGINEERS STAMP

SECTION:	CIVIL
SCALE:	AS SHOWN
DATE	
DESIGNED:	R. UMENO — JUNE 2006
DRAWN:	E. S. LAY — JUNE 2006
CHECKED:	
APPROVED:	

CUMBERLAND RESOURCES

DATE: 2007/04/04 - 10:04am
PATH: H:\017202 - Meadowbank\41 - Civil Engineering\41DK - Sketches-Drawings\BAKER LAKE - Sketches & Drawings\017202-1000-41D1-0002.dwg

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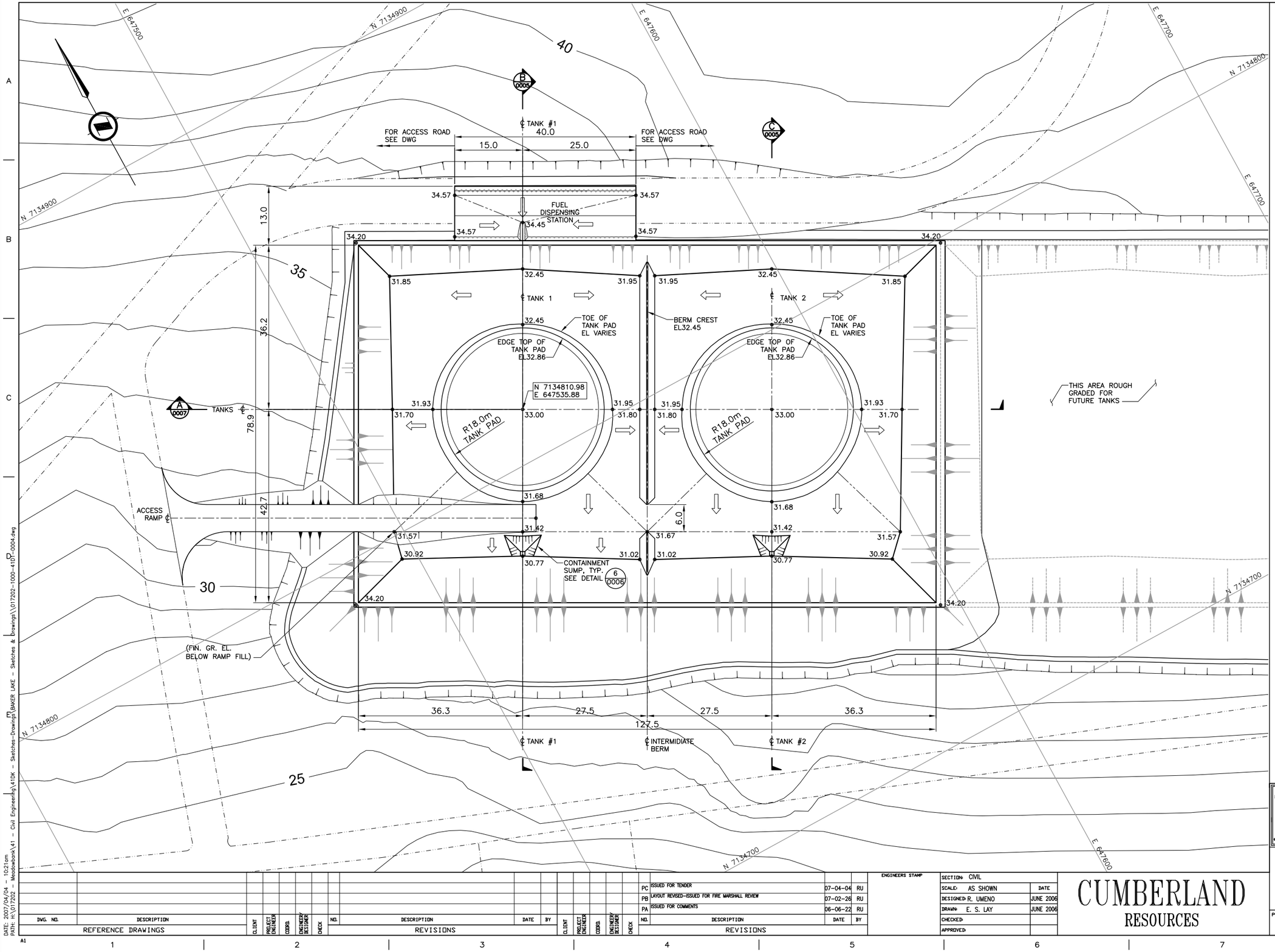

NOTES

1) Northings and Eastings are in metres referenced to UTM Zone 14, NAD83.
2) Base Plan information including site topography, access roads and storage areas provided by Cumberland dated February 03, 2006.
3) Elevations are in metres referenced to geodetic datum.
4) Containment volume =13,000 m3

LEGEND

- Final grade elevation
- Direction of downward slope

0 1:400 20

PERMIT TO PRACTICE
NISHI-KHON/SNC-LAVALIN LIMITED
Signature A.R. WACHMANN
Date ..
PERMIT NUMBER: P 272
The Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories

NISHI–KHON/ SNC ◆ LAVALIN

MEADOWBANK GOLD PROJECT

BAKER LAKE
DIESEL FUEL TANK FARM
TANK PAD BACKFILL
FINAL GRADING PLAN

PROJECT NUMBER	DRAWING NUMBER	REV.
017202	1000-41D1-0004	PC

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

NO.	DESCRIPTION	DATE	BY
PC	ISSUED FOR TENDER	07-04-04	RU
PB	LAYOUT REVISED-ISSUED FOR FIRE MARSHALL REVIEW	07-02-26	RU
PA	ISSUED FOR COMMENTS	06-06-22	RU

REVISIONS

CLIENT | PROJECT ENGINEER | CCDRA | ENGINEER/ DESIGNER | CHECK

ENGINEERS STAMP

SECTION:	CIVIL	
SCALE:	AS SHOWN	DATE
DESIGNED:	R. UMENO	JUNE 2006
DRAWN:	E. S. LAY	JUNE 2006
CHECKED:		
APPROVED:		

CUMBERLAND RESOURCES

DATE: 2007/04/04 – 10:21am
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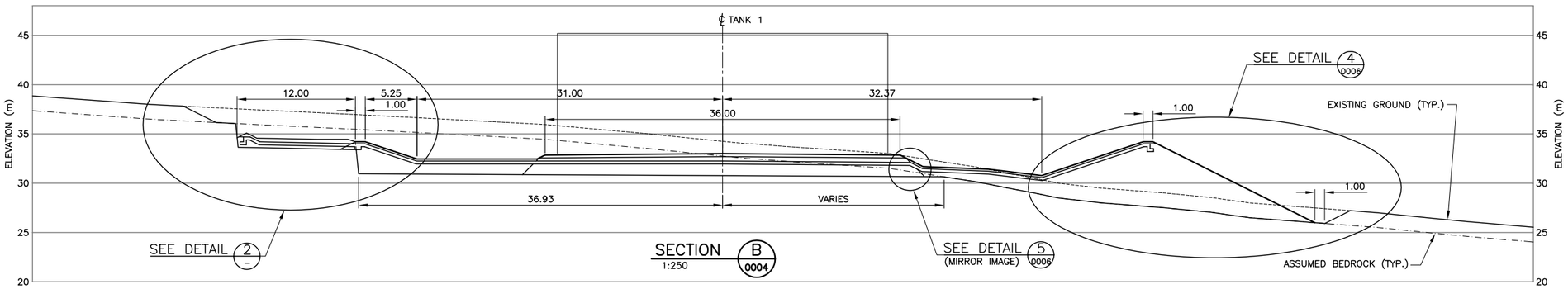

SECTION B 0004
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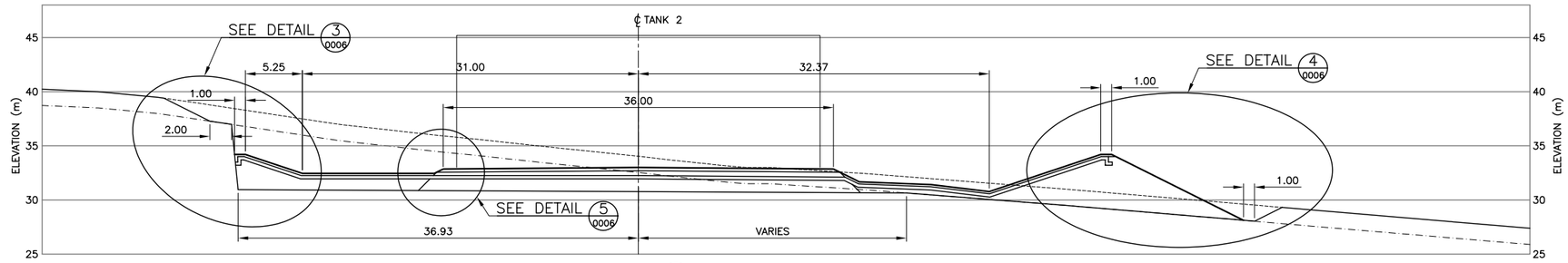

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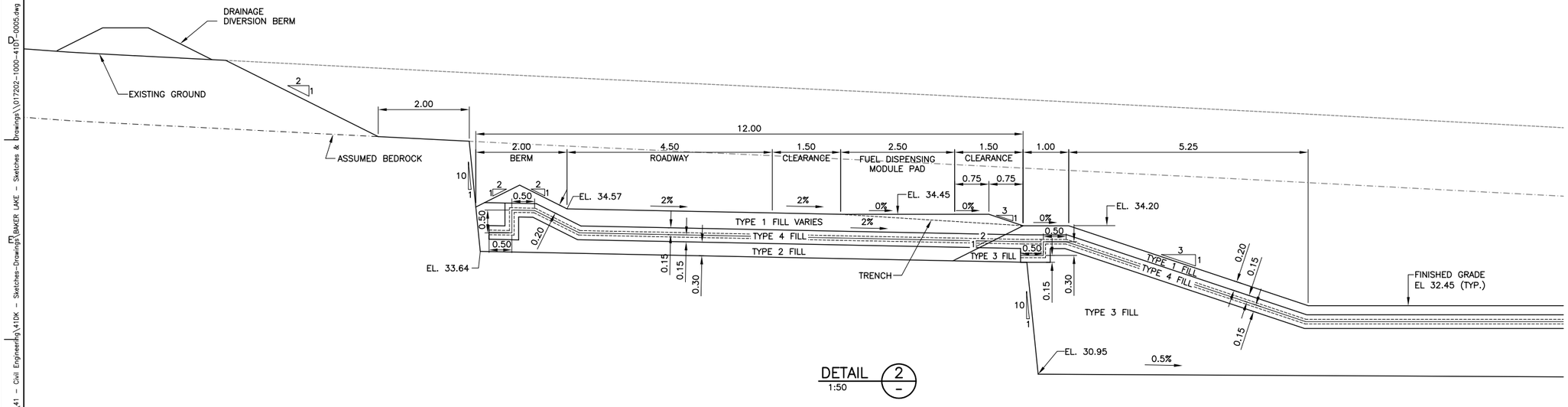

DETAIL 2 –
1:50

NOTES

1) Northings and Eastings are in metres referenced to UTM Zone 14, NAD83.
2) Base Plan information including site topography, access roads and storage areas provided by Cumberland dated February 03, 2006.
3) Elevations are in metres referenced to geodetic datum.

0 1:50 2
0 1:250 10

PERMIT TO PRACTICE
NISHI-KHON/SNC-LAVALIN LIMITED
Signature A.R. WACHMANN
Date ..
PERMIT NUMBER: P 272
The Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories

NISHI-KHON/ SNC ◆ LAVALIN

MEADOWBANK GOLD PROJECT
BAKER LAKE
DIESEL FUEL TANK FARM
TANK PAD BACKFILL
SECTIONS AND DETAIL

PROJECT NUMBER	DRAWING NUMBER	REV.
017202	1000-41D1-0005	PC

DWG. NO.	DESCRIPTION
	REFERENCE DRAWINGS

NO.	DESCRIPTION	DATE	BY
PC	ISSUED FOR TENDER	07-04-04	RU
PB	ISSUED FOR FOR FIRE MARSHALL REVIEW	07-02-26	RU
PA	ISSUED FOR COMMENTS	06-06-22	RU

REVISIONS

CLIENT | PROJECT ENGINEER | CCDRA | ENGINEER/ DESIGNER | CHECK

ENGINEERS STAMP

SECTION: CIVIL		
SCALE: AS SHOWN	DATE	
DESIGNED: R. UMENO	JUNE 2006	
DRAWN: E. S. LAY	JUNE 2006	
CHECKED: S. GAREWAL	JULY 2006	
APPROVED:		

CUMBERLAND RESOURCES

DATE: 2007/04/04 – 11:20am
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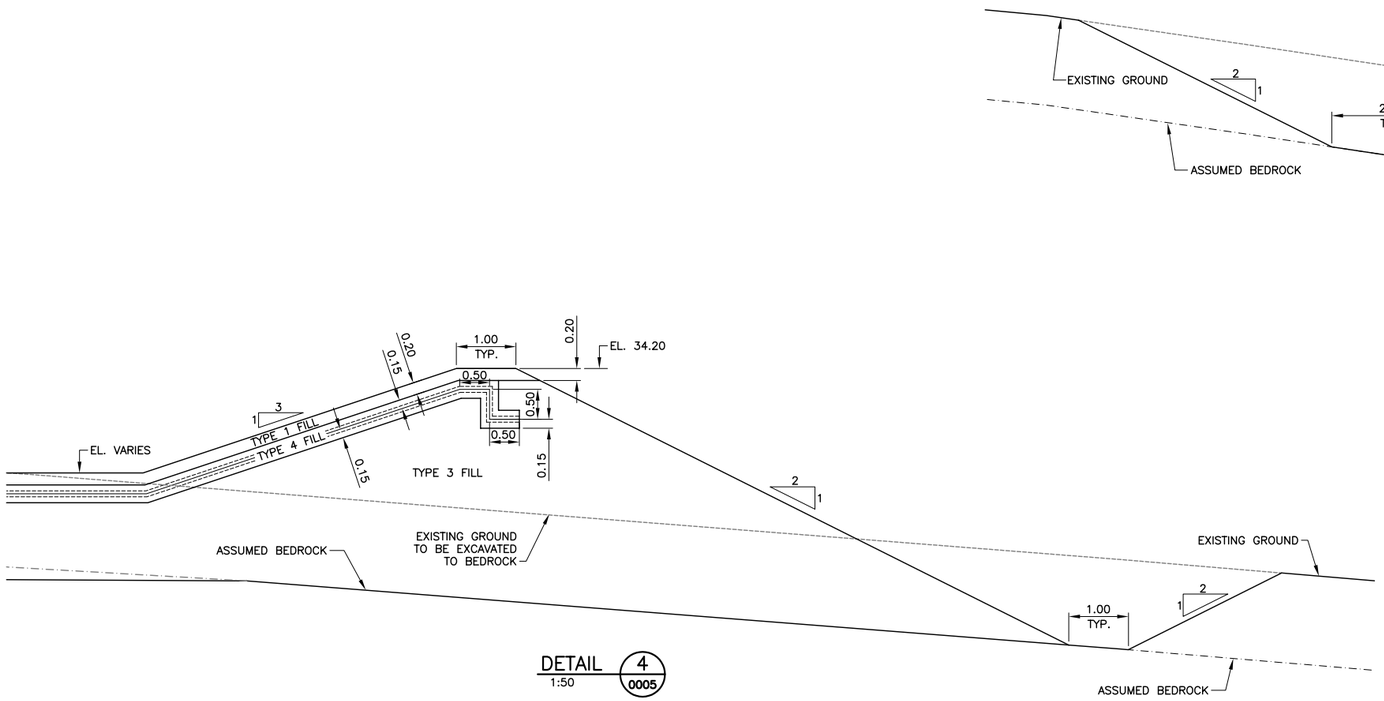
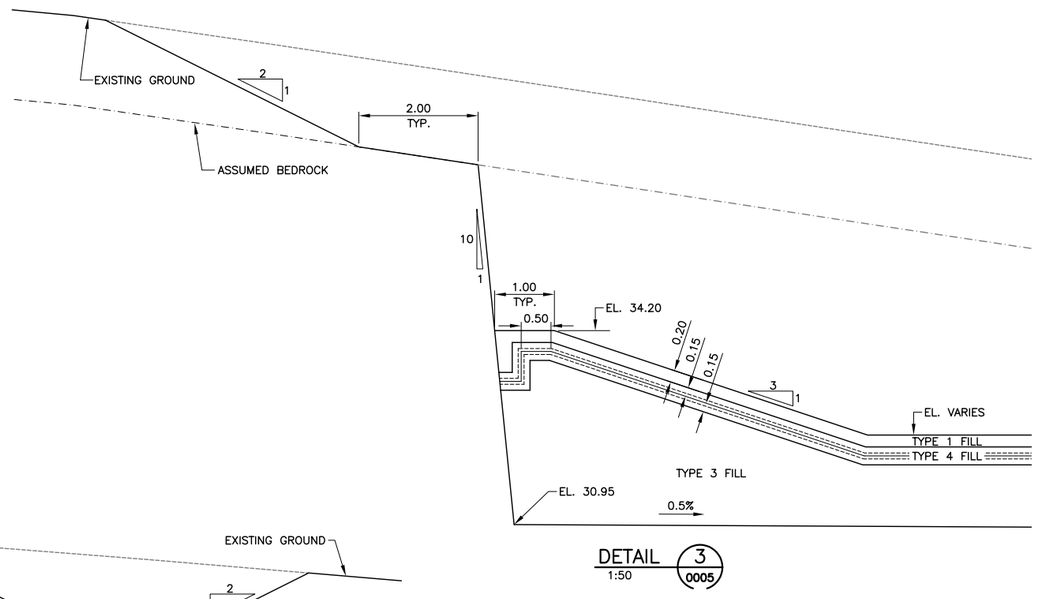
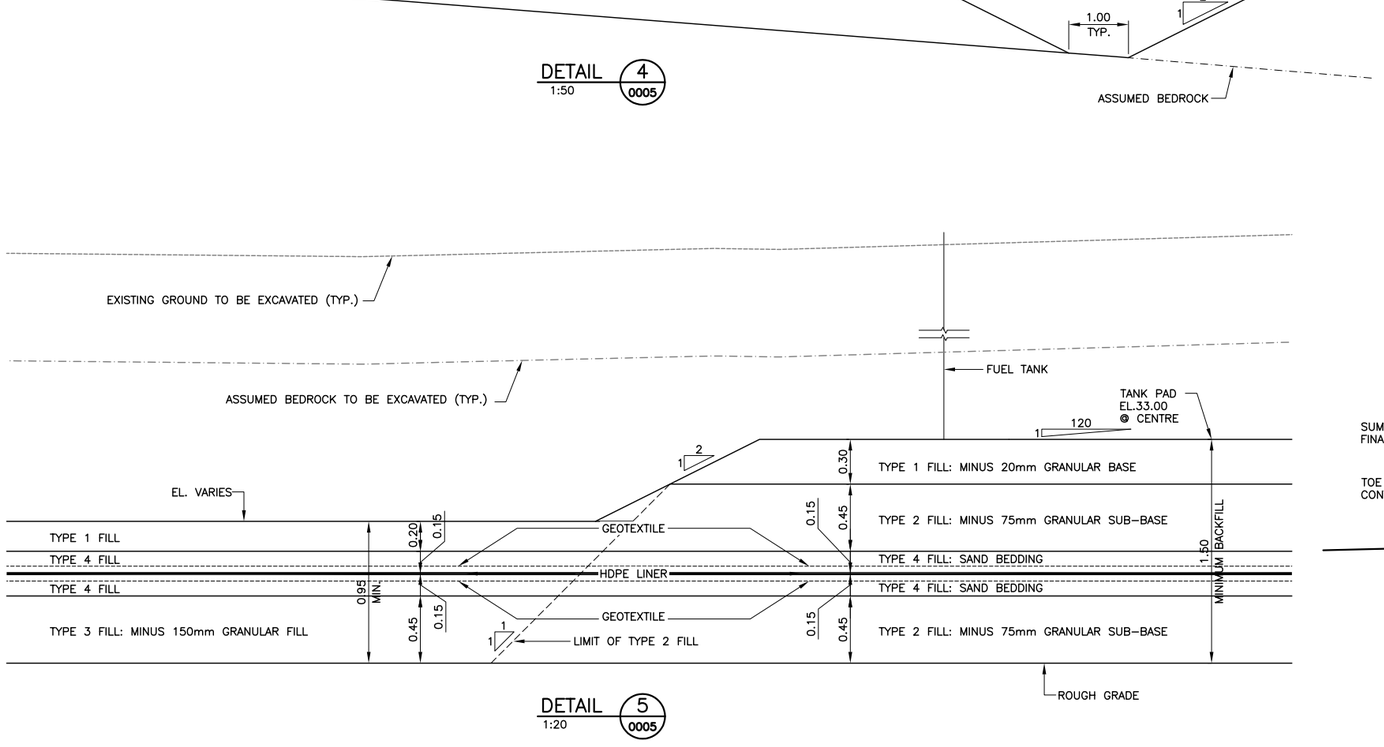
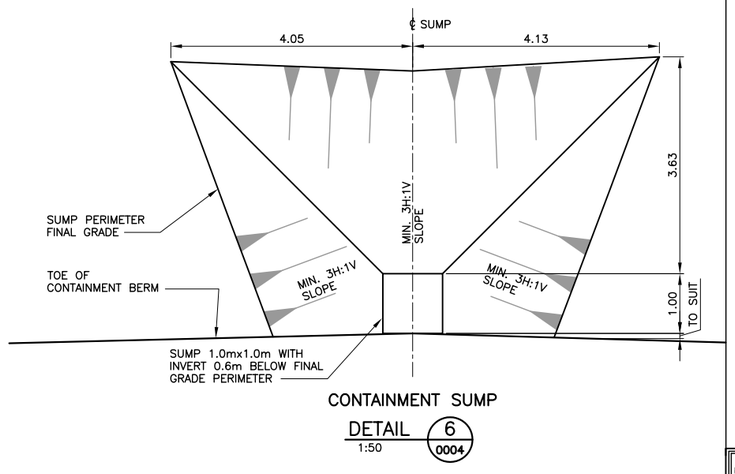
A1







NOTE: FOR MATERIAL SPECIFICATION AND PLACEMENT/INSTALLATION INSTRUCTIONS OF HDPE, GEOTEXTILE AND FILL TYPES, SEE NOTE 5



NOTES

1) Northings and Eastings are in metres referenced to UTM Zone 14, NAD83.
2) Base Plan information including site topography, access roads and storage areas provided by Cumberland dated February 03, 2006.
3) Elevations are in metres referenced to geodetic datum.
4) For Specifications for excavation and backfill, see Golder Assoc. Specification:
Project No. 01-1413-009
Spec. No. SP GaI-03 Rev 0

See the following sections of the above referenced specification for:

MATERIAL	MATERIAL SPECIFICATION	PLACEMENT/ INSTALLATION
TYPE 1 FILL	Section 6.2	Section 6.7
TYPE 2 FILL	Section 6.3	Section 6.7
TYPE 3 FILL	Section 6.4	Section 6.7
TYPE 4 FILL	Section 6.5	Section 6.7
HDPE LINER (HDPE 60)	Section 8.2.1	Section 8.9
GEOTEXTILE (GSE NONWOVEN NW8)	Section 8.2.2	Section 8.9

0 1:20 1
0 1:50 2

PERMIT TO PRACTICE
NISHI-KHON/SNC-LAVALIN LIMITED
Signature A.R. WACHMANN
Date ..
PERMIT NUMBER: P 272
The Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories

NISHI-KHON/ SNC◆LAVALIN

MEADOWBANK GOLD PROJECT
BAKER LAKE
DIESEL FUEL TANK FARM
TANK PAD BACKFILL
DETAILS

PROJECT NUMBER	DRAWING NUMBER	REV.
017202	1000-41D1-0006	PC

DWG. NO.	DESCRIPTION
	REFERENCE DRAWINGS

NO.	DESCRIPTION	DATE	BY
	REVISIONS		

NO.	DESCRIPTION	DATE	BY
PC	ISSUED FOR TENDER	07-04-04	RU
PB	ISSUED FOR FIRE MARSHALL REVIEW	07-02-26	RU
PA	ISSUED FOR COMMENTS	06-06-22	RU
	REVISIONS		

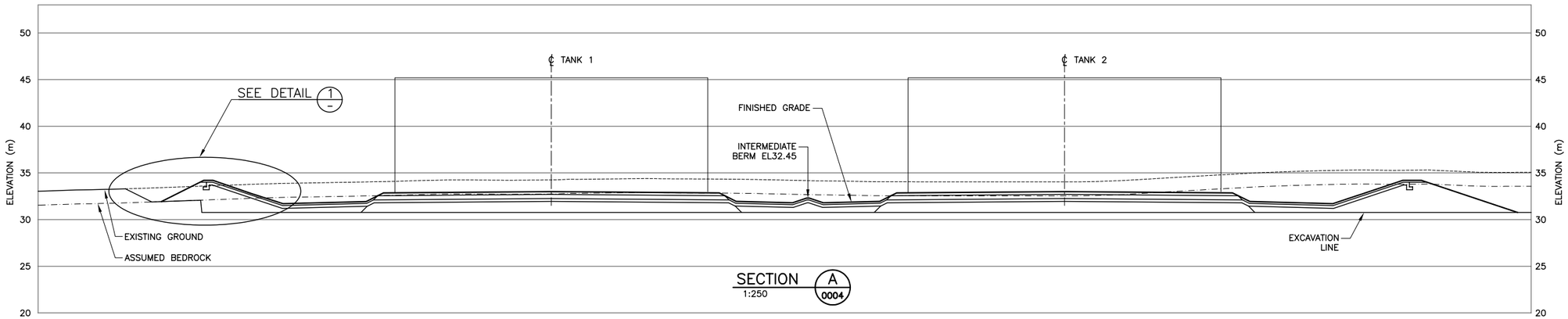
ENGINEERS STAMP

SECTION	CIVIL
SCALE	AS SHOWN
DESIGNED	R. UMENO
DRAWN	E. S. LAY
CHECKED	S. GAREWAL
APPROVED	

DATE
JUNE 2006
JUNE 2006
JULY 2006

CUMBERLAND RESOURCES

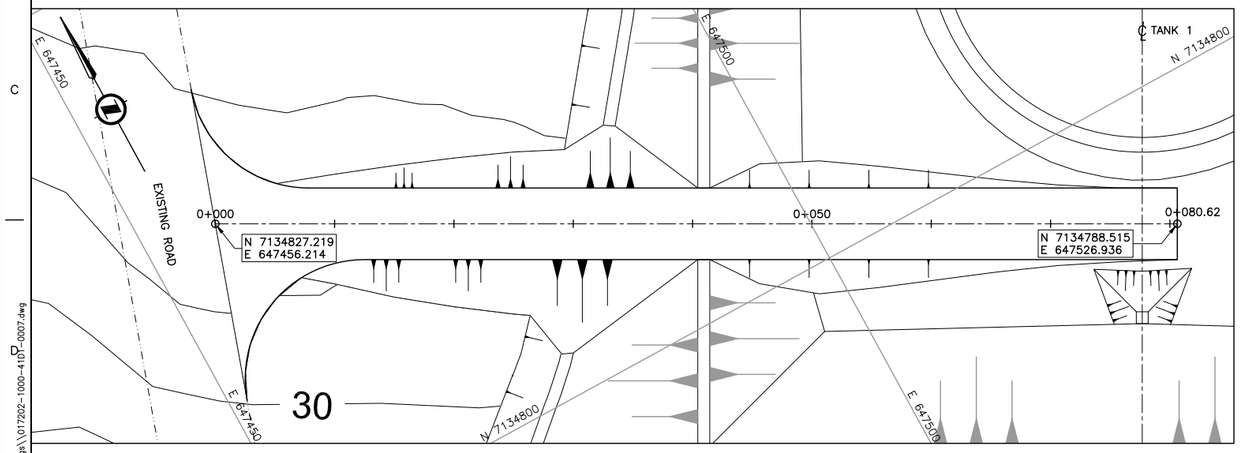
DATE: 2007/04/04 - 10:56:50am
PATH: K:\017202 - Meadowbank\41 - Civil Engineering\41DK - Sketches-Drawing\BAKER LAKE - Sketches & Drawings\017202-1000-41DP-0006.dwg



SECTION A
1:250
0004

NOTES

1) Northings and Eastings are in metres referenced to UTM Zone 14, NAD83.
2) Base Plan information including site topography, access roads and storage areas provided by Cumberland dated February 03, 2006.
3) Elevations are in metres referenced to geodetic datum.



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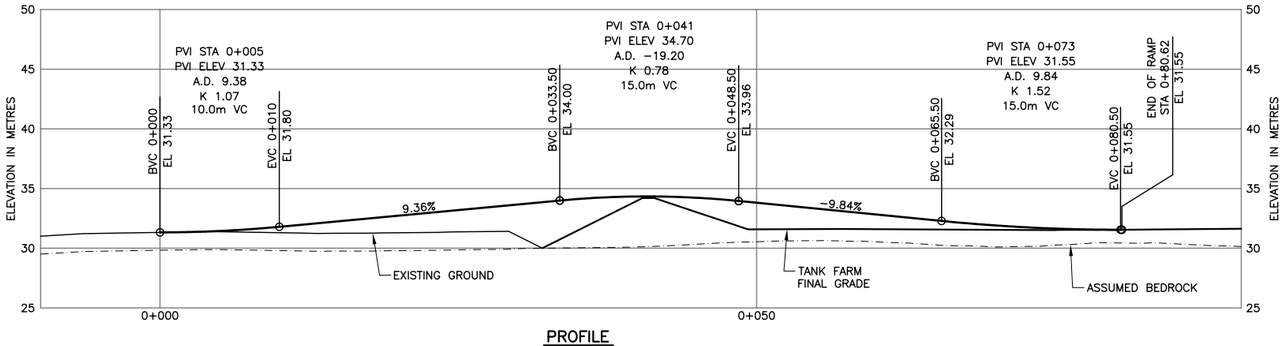

PROFILE
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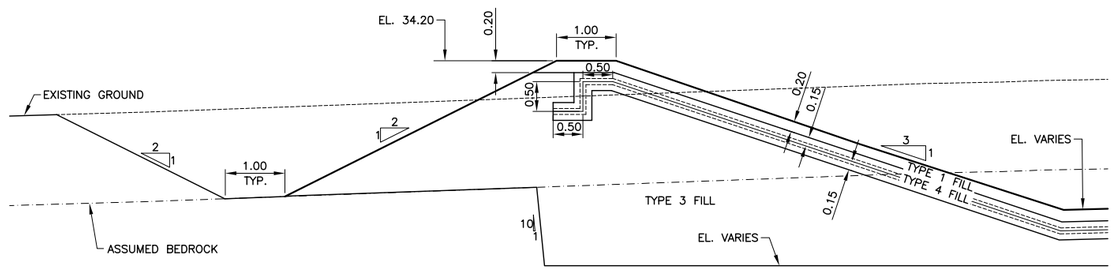


DETAIL 1
1:50

0 1:50 2
0 1:250 10

PERMIT TO PRACTICE
NISHI-KHON/SNC-LAVALIN LIMITED
Signature A.R. WACHMANN
Date ..
PERMIT NUMBER: P 272
The Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories

NISHI-KHON/ SNC ◆ LAVALIN

MEADOWBANK GOLD PROJECT

BAKER LAKE
DIESEL FUEL TANK FARM
TANK PAD BACKFILL SECTION AND DETAIL
RAMP PLAN AND PLOT

PROJECT NUMBER	DRAWING NUMBER	REV.
017202	1000-41D1-0007	PB

CUMBERLAND RESOURCES

SECTION	CIVIL
SCALE	AS SHOWN
DESIGNED	R. UMENO
DRAWN	E. S. LAY
CHECKED	S. GAREWAL
APPROVED	
DATE	JUNE 2006
DATE	JUNE 2006
DATE	JULY 2006

ENGINEERS STAMP

REVISIONS

NO.	DESCRIPTION	DATE	BY
PB	ISSUED FOR TENDER	07-04-04	RU
PA	ISSUED FOR FIRE MARSHALL REVIEW	07-02-26	RU

REFERENCE DRAWINGS

DWG. NO.	DESCRIPTION

CLIENT | PROJECT ENGINEER | COBRA | ENGINEER/ DESIGNER | CHECK

DATE: 2007/04/04 - 11:17am
PATH: K:\017202 - Meadowbank\41 - Civil Engineering\41DK - Sketches-Drawing\BAKER LAKE - Sketches & Drawings\017202-1000-41D1-0007.dwg

A1

APPENDIX F

Meadowbank Tank Farm: Photographic Log and Construction Drawings

January 14, 2009
Report No. 08-1428-0028
Doc. No. 797 Ver. 0

Golder Associates

PHOTOGRAPH 1 – Meadowbank Tank Farm

Date Photo: October 6, 2008 Photo Number: IMG_1762
Description: Tank and containment area. Grading foundation layer. Looking southeast.

PHOTOGRAPH 2 – Meadowbank Tank Farm

Date Photo: October 6, 2008 Photo Number: IMG_1763
Description: Tank and subexcavated area to form secondary containment. Looking east.

PHOTOGRAPH 3 – Meadowbank Tank Farm

Date Photo: October 6, 2008 Photo Number: IMG_1813
Description: Grading of secondary containment area. Looking southeast.

PHOTOGRAPH 4 – Meadowbank Tank Farm

Date Photo: October 8, 2008 Photo Number: IMG_1814
Description: Access ramp into tank area. Look southeast.

PHOTOGRAPH 5 – Meadowbank Tank Farm

Date Photo: October 8, 2008 Photo Number: IMG_1815
Description: Liner beneath tank. Looking southeast.

PHOTOGRAPH 6 – Meadowbank Tank Farm

Date Photo: October 8, 2008 Photo Number: IMG_1816
Description: Secondary containment area and berm. Looking northeast.

PHOTOGRAPH 7 – Meadowbank Tank Farm

Date Photo: October 8, 2008 Photo Number: IMG_1817
Description: Liner beneath tank for tie-in. Looking southeast.

PHOTOGRAPH 8 – Meadowbank Tank Farm

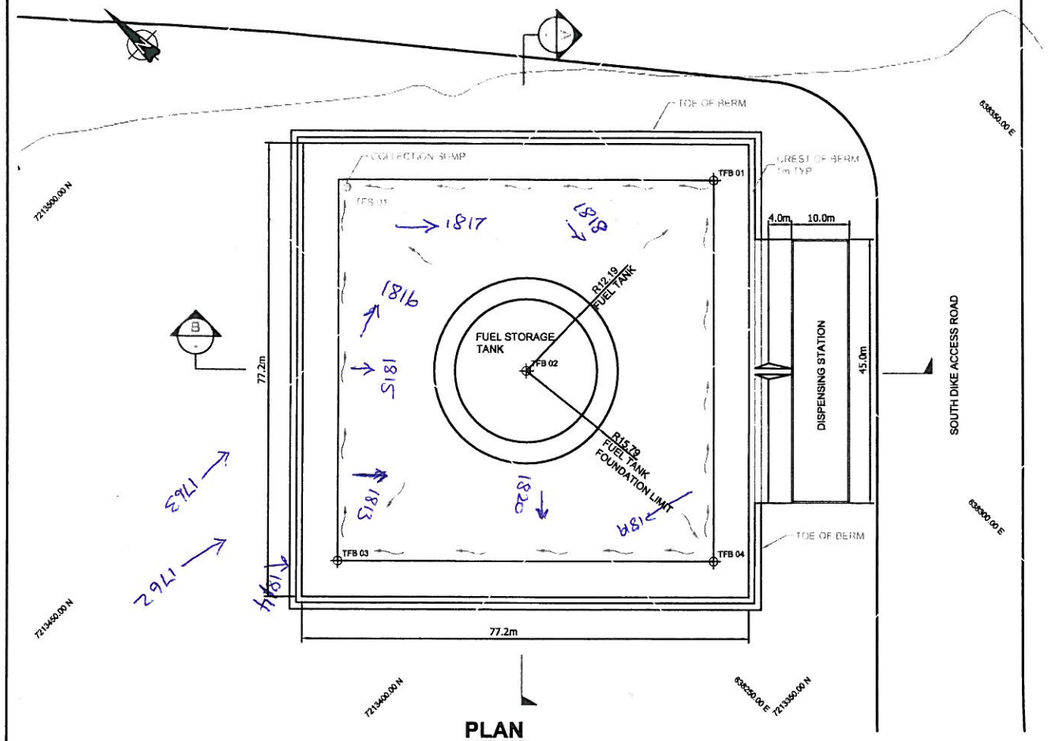
Date Photo: October 8, 2008 Photo Number: IMG_1818
Description: Containment area and liner beneath tank for tie-in. Looking south.

PHOTOGRAPH 9 – Meadowbank Tank Farm

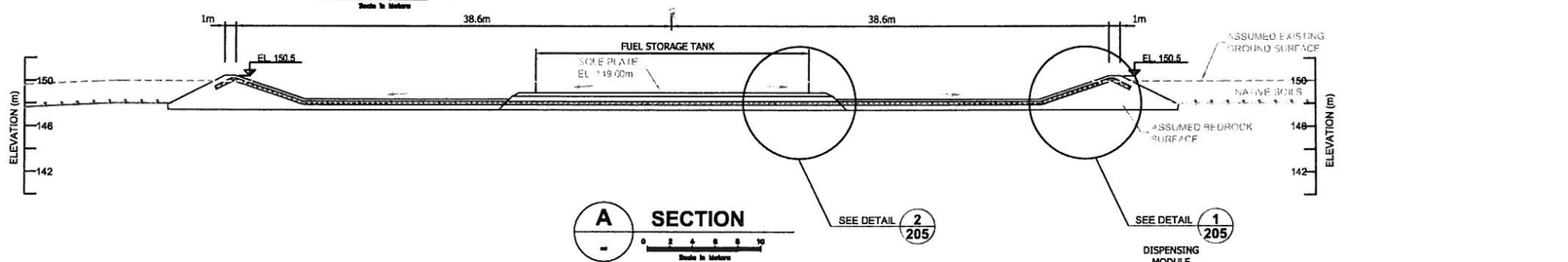
Date Photo: October 8, 2008 Photo Number: IMG_1819
Description: Liner beneath tank and granular fill above liner. Looking west.

PHOTOGRAPH 10 – Meadowbank Tank Farm

Date Photo: October 8, 2008 Photo Number: IMG_1820
Description: Fill placement as part of containment area. Looking southwest.



PLAN



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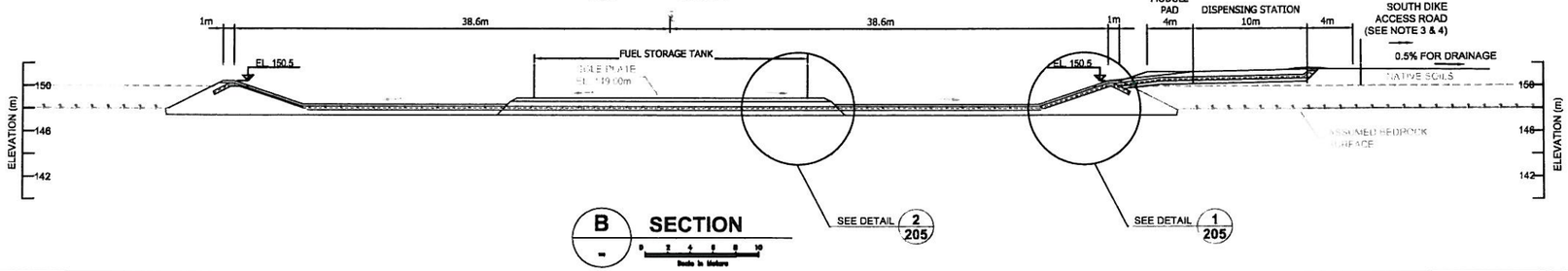

B SECTION

TANK FARM BACKFILL LAYOUT CONTROL POINTS			
ID	EASTING	NORTHING	ELEVATION
TFB 01	638,308.75	7,213,422.19	148.17
TFB 02	638,262.79	7,213,422.63	149.00
TFB 03	638,216.83	7,213,423.06	148.17
TFB 04	638,262.35	7,213,376.67	148.45
TFS 01	638,263.21	7,213,466.61	147.88

LEGEND

- TFS 01 — TANK FARM SUMP LAYOUT CONTROL POINT.
- TFB 03 — TANK FARM BACKFILL LAYOUT CONTROL POINT.
- PROPOSED BACKFILL LIMITS.

NOTES

1) NORTHING AND EASTING ARE IN METRES REFERENCED TO UTM ZONE 14, NAD83.
2) ALL DIMENSIONS AND ELEVATIONS ARE IN METRES REFERENCED TO GEODETIC DATUM, UNLESS OTHERWISE NOTED.
3) ACCESS ROAD TO DISPENSING STATION BY OTHERS. DETAILS NOT SHOWN FOR CLARITY.
4) SOUTH DIKE ACCESS ROAD BY OTHERS. BARRIER BETWEEN SOUTH DIKE ACCESS ROAD AND DISPENSING STATION BY OTHERS.
5) SURFACE WATER TO DRAIN AWAY FROM DISPENSING STATION AND PERIMETER DIKES TO PERIMETER DRAINAGE DITCHES, NOT SHOWN FOR CLARITY.

REFERENCE

1) BASE PLAN INFORMATION IS PROVIDED BY CUMBERLAND DATED FEBRUARY 03, 2006.

REV	D/M/Y	REVISION	DR	CHK	CHK	APP	APP	APP	APP	ISS	D/M/Y	APP	ISSUED FOR
										0	25APR06	–	CONSTRUCTION
										B	20APR06	–	FIRE MARSHALL INITIAL REVIEW
										A	10APR06	–	CLIENT REVIEW

REF	NUMBER	TITLE
–		REFERENCES

STAMP/SEAL

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APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR.	ENGINEERING MGR.	PROJECT MGR.
–	–	–

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE		BY	DD/MMM/YY
AS SHOWN	DSN.	WJP	28 APR 06
	DRN.	JK	28 APR 06

PROJECT

TITLE

TANK FARM BACKFILL PLAN AND SECTIONS
MEADOWBANK FUEL TANK FARM

Golder Associates

PROJECT No.	FILE No.
– 06-1413-009	061413009_SK-204
DRAWING NO.	REV.
3000-C-204	0

REVISION DATE: 06/04/20 12:51PM By: jkenwood CADD FILE: N:\Bur-Graphics\Projects\2006\1413\06-1413-009\Drafting\cad\06-1413-009_SK-204.dwg

CUMBERLAND
RESOURCES LTD.
MEADOWBANK GOLD PROJECT
MEADOWBANK FUEL TANK FARM
ISSUED FOR CONSTRUCTION

INDEX TO DRAWINGS		
DRAWING NO.	DRAWING SHEET TITLE	REVISION NO.
3000-C-200	TITLE SHEET MEADOWBANK FUEL TANK FARM	0
3000-C-201	GENERAL ARRANGEMENT PLAN MEADOWBANK FUEL TANK FARM	0
3000-C-202	FUEL STORAGE FACILITY LAYOUT PLAN MEADOWBANK FUEL TANK FARM	0
3000-C-203	TANK FARM EXCAVATION PLAN AND SECTIONS MEADOWBANK FUEL TANK FARM	0
3000-C-204	TANK FARM BACKFILL PLAN AND SECTIONS MEADOWBANK FUEL TANK FARM	0
3000-C-205	TANK FARM BACKFILL DETAILS MEADOWBANK FUEL TANK FARM	0
3000-C-206	SECONDARY CONTAINMENT HDPE LINER PLAN AND SUMP DETAILS MEADOWBANK FUEL TANK FARM	0
3000-C-207	DISPENSING STATION PLAN, PROFILE, AND DETAILS MEADOWBANK FUEL TANK FARM	0
3000-C-208	DISPENSING STATION SECTIONS AND DETAILS MEADOWBANK FUEL TANK FARM	0

LIST OF SPECIFICATIONS		
SPECIFICATION NO.	SPECIFICATION TITLE	REVISION NO.
SP-GAL-02-1	SCOPE OF WORK	0
SP-GAL-02-2	CARE OF WATER	0
SP-GAL-02-3	SALVAGE AND STOCKPILE ORGANIC MATERIALS	0
SP-GAL-02-4	FOUNDATION PREPARATION	0
SP-GAL-02-5	BULK EXCAVATION	0
SP-GAL-02-6	BACKFILL MATERIALS	0
SP-GAL-02-7	FUEL TANK FARM CONSTRUCTION	0
SP-GAL-02-8	HDPE LINER CONSTRUCTION	0
SP-GAL-02-9	RUNOFF AND SEDIMENT CONTROL DITCH AND MONITORING PONDS	0
SP-GAL-02-10	SURVEY CONTROL	0

KEY PLAN

0 100 200 300 400 500
Scale in Kilometers

REV	D/M/Y	REVISION	DR	CHK	APP	APP	APP	APP

ISS	D/M/Y	APP	ISSUED FOR
0	28APR06	–	CONSTRUCTION
B	20APR06	–	FIRE MARSHALL INITIAL REVIEW
A	07APR06	–	CLIENT REVIEW

REF	NUMBER	TITLE
–		

REFERENCES

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– CLIENT PROJECT MGR. – ENGINEERING MGR. – PROJECT MGR.

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE		BY	DD/MMM/YY
–	DSN.	WJP	28APR06
	DRN.	JK/CJC	28APR06

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

TITLE SHEET
MEADOWBANK FUEL TANK FARM

Golder Associates

PROJECT No.	FILE No.
06-1413-009	061413009_SK-200

DRAWING NO.	REV.
3000-C-200	0

REVISION DATE: 06/04/29 12:51PM By: jkownacki CADD FILE: N:\Bur-Graphics\Projects\2006\1413\06-1413-009\Drafting\cad\06-1413-009_SK-200.dwg

TEMPORARY VAULT HAUL ROAD

TAILS DIKE

TAILINGS DISPOSAL

PORTAGE PIT

BAY ZONE DIKE

GOOSE ISLAND DIKE

GOOSE ISLAND PIT

639000.00 E

638500.00 E

638000.00 E

637500.00 E

75,000 T ROM STOCKPILE

BATCH PLANT

SOUTH CAMP DIKE

FUEL TANK FARM

AIRSTRIP

PLANT SITE

NORTH CAMP

SOUTH CAMP

FRESH WATER INTAKE

7214000.00 N

7213500.00 N

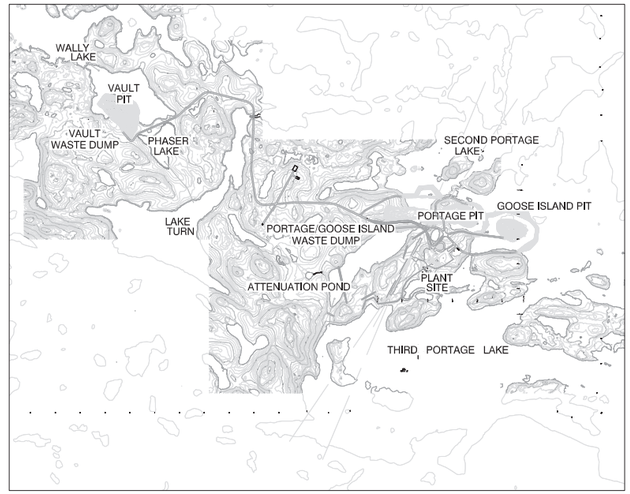
7213000.00 N

7212500.00 N

PLAN

0 50 100 150 200 250

Scale in Meters



LOCATION MAP

0 500 1000 1500 2000 2500

Scale in Meters

NOTES

1) NORTHING AND EASTING ARE IN METRES REFERENCED TO UTM ZONE 14, NAD83.
2) ELEVATIONS AND DIMENSIONS ARE IN METRES REFERENCED TO GEODETIC DATUM, UNLESS OTHERWISE NOTED.
3) THE WORK AREA CONCERNED ONLY WITH THE TANK FARM AND DISPENSING STATION FACILITY.

REFERENCE

1) BASE PLAN INFORMATION IS PROVIDED BY CUMBERLAND DATED FEBRUARY 03, 2006.

REV	D/M/Y	REVISION	DR	CHK	CHK	APP	APP	APP	APP

ISS	D/M/Y	APP	ISSUED FOR
0	28APR06	–	CONSTRUCTION
B	20APR06	–	FOR FIRE MARSHALL INITIAL REVIEW
A	07APR06	–	CLIENT REVIEW

REF	NUMBER	TITLE
	–	

REFERENCES

STAMP/SEAL

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APPROVED FOR CONSTRUCTION

– – –

CLIENT PROJECT MGR. ENGINEERING MGR. PROJECT MGR.

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE		BY	DD/MMM/YY
AS SHOWN	DSN.	WJP	28APR06
	DRN.	JK/CJC	28APR06

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

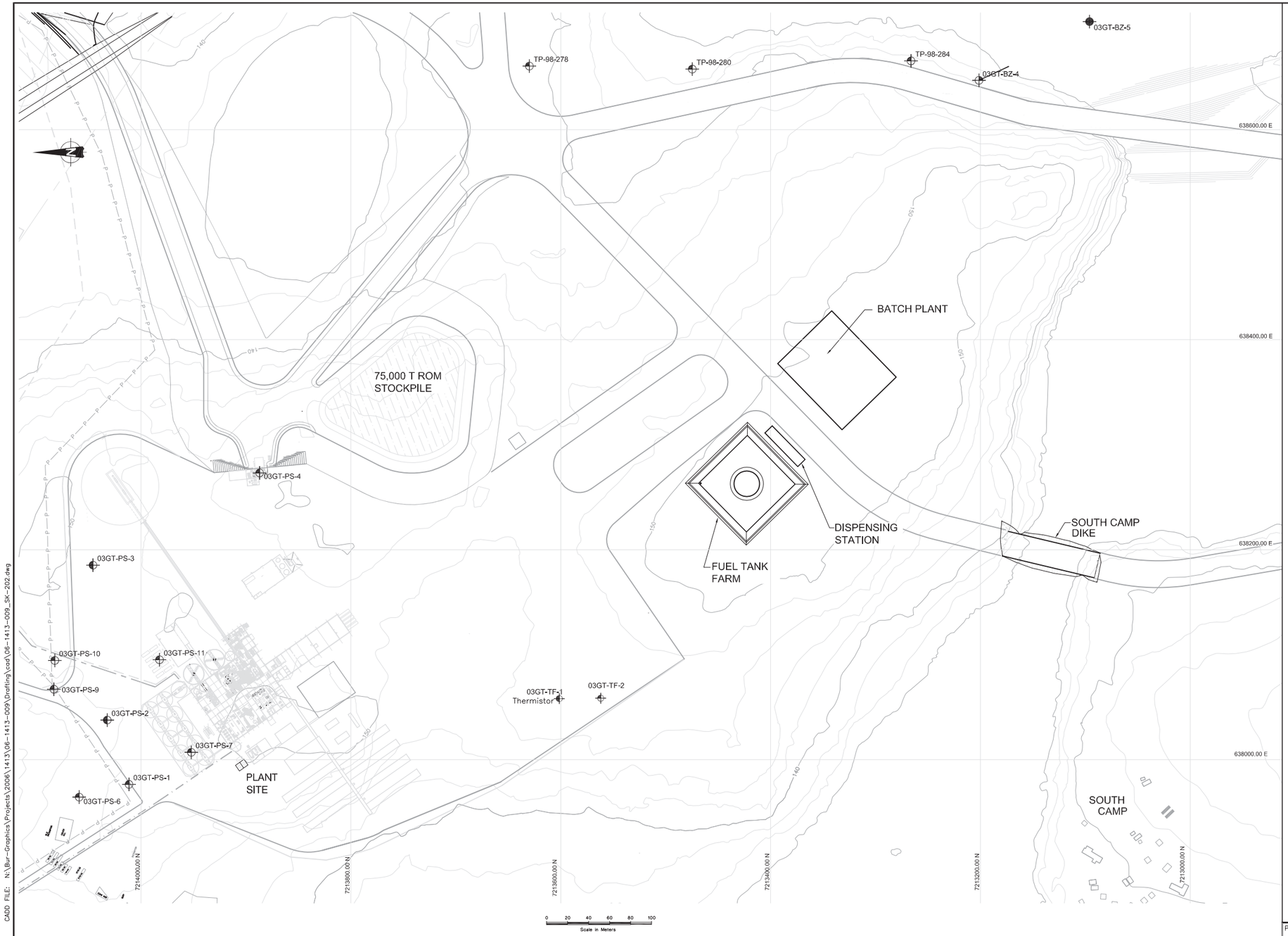
GENERAL ARRANGEMENT PLAN MEADOWBANK FUEL TANK FARM

Golder Associates

PROJECT No.	FILE No.
06-1413-009	061413009_SK-201

DRAWING NO.	REV.
3000-C-201	0

REVISION DATE: 06/04/29 12:48PM By: jkownacki CADD FILE: N:\Eur-Graphics\Projects\2006\1413\06-1413-009\Drafting\cad\06-1413-009_SK-201.dwg



LEGEND

- TP-98-278 - THIRD PORTAGE BOREHOLE DRILLED IN 1998
- 03GT-BZ-5 - BAY ZONE DIKE BOREHOLE DRILLED IN 2003
- 03GT-BZ-4 - BAY ZONE DIKE ABUTMENT BOREHOLE DRILLED IN 2003
- 03GT-PS-1 - PLANT SITE BOREHOLE DRILLED IN 2003
- 03GT-PS-3 - PLANT SITE BOREHOLE WITH THERMISTOR DRILLED IN 2003
- 03GT-TF-2 - TANK FARM BOREHOLE DRILLED IN 2003
- 03GT-TF-1 - TANK FARM BOREHOLE WITH THERMISTOR DRILLED IN 2003

NOTES

1) NORTHING AND EASTING ARE IN METRES REFERENCED TO UTM ZONE 14, NAD83.
2) ELEVATIONS AND DIMENSIONS ARE IN METRES REFERENCED TO GEODETIC DATUM, UNLESS OTHERWISE NOTED.
3) OWNER TO PROVIDE SURVEY CONTROL.

REFERENCE

1) BASE PLAN INFORMATION IS PROVIDED BY CUMBERLAND DATED FEBRUARY 03, 2006.

REVISION DATE: 06/04/29 12:49PM By: jkownacki CADD FILE: N:\Bur-Graphics\Projects\2006\1413\06-1413-009\Drafting\cad\06-1413-009_SK-202.dwg

REV	D/M/Y	REVISION	DR	CHK	CHK	APP	APP	APP	APP
0	28APR06	–	CONSTRUCTION						
B	20APR06	–	FIRE MARSHALL INITIAL REVIEW						
A	07APR06	–	CLIENT REVIEW						

ISS	D/M/Y	APP	ISSUED FOR

REF	NUMBER	TITLE
	–	

REFERENCES

STAMP/SEAL

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APPROVED FOR CONSTRUCTION

–	–	–
CLIENT PROJECT MGR.	ENGINEERING MGR.	PROJECT MGR.

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE: AS SHOWN

	BY	DD/MMM/YY
DSN.	WJP	28APR06
DRN.	JK/CJC	28APR06

PROJECT

CUMBERLAND RESOURCES LTD.

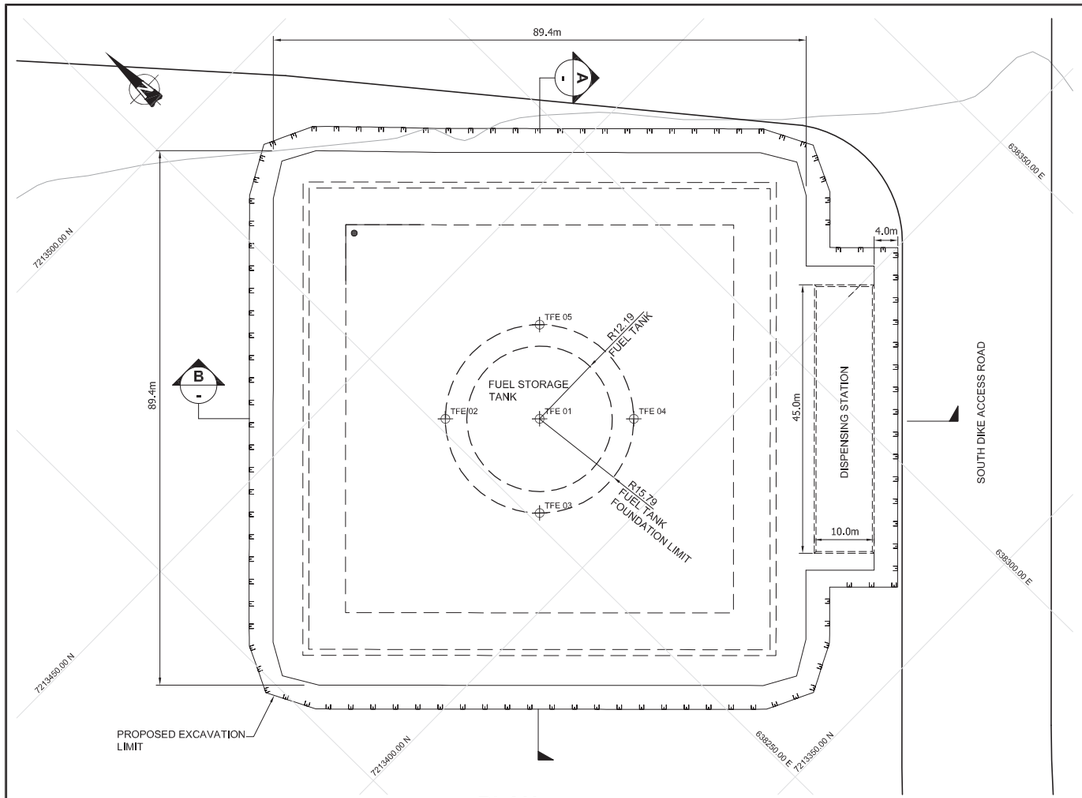
TITLE

FUEL STORAGE FACILITY LAYOUT PLAN MEADOWBANK FUEL TANK FARM

Golder Associates

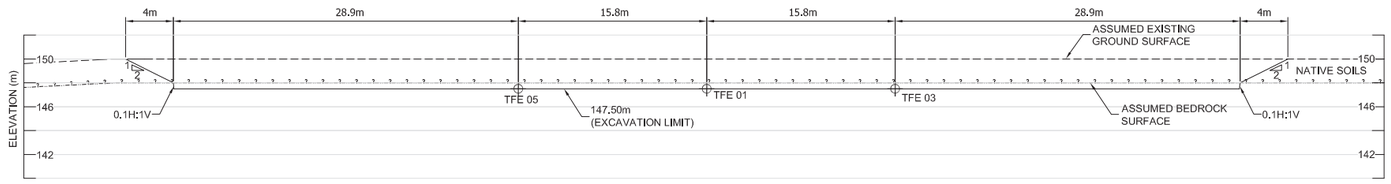
PROJECT No.	FILE No.
06-1413-009	061413009_SK-202

DRAWING NO.	REV.
3000-C-202	0



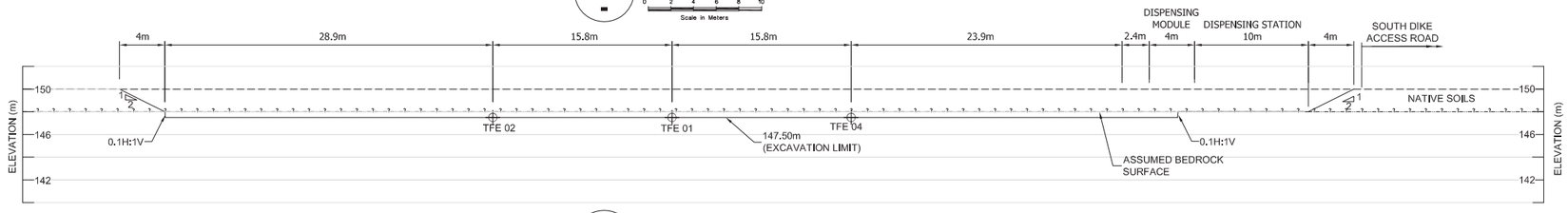
PLAN

Scale in Meters 0 5 10 15 20 25



A - SECTION

Scale in Meters 0 2 4 6 8 10



B - SECTION

Scale in Meters 0 2 4 6 8 10

TANK FARM EXCAVATION LAYOUT CONTROL POINTS			
POINT ID	EASTING	NORTHING	ELEVATION
TFE 01	638,262.79	7,213,422.63	147.50
TFE 02	638,251.72	7,213,433.89	147.50
TFE 03	638,251.53	7,213,411.56	147.50
TFE 04	638,273.86	7,213,411.36	147.50
TFE 05	638,274.05	7,213,433.69	147.50

LEGEND

- TFE 01 — TANK FARM EXCAVATION LAYOUT CONTROL POINT
- PROPOSED LIMIT OF EXCAVATION
- APPROXIMATE BACKFILL LIMITS

NOTES

1) NORTHING AND EASTING ARE IN METRES REFERENCED TO UTM ZONE 14, NAD83.
2) ALL DIMENSIONS AND ELEVATIONS ARE IN METRES REFERENCED TO GEODETIC DATUM, UNLESS OTHERWISE NOTED.
3) BASE OF EXCAVATION TO BE CONFIRMED IN THE FIELD BY OWNER. EXCAVATION BASE TO BE INSPECTED BY GEOTECHNICAL ENGINEER OR REPRESENTATIVE BEFORE ANY BACKFILL PLACED.
4) BEDROCK SHOWN AS FLAT SURFACE. ACTUAL SURFACE WILL BE UNEVEN. HIGH POINTS IN BEDROCK ABOVE MINIMUM EXCAVATION DEPTH TO BE REMOVED. LOW AREAS BELOW 147.5m TO BE BACKFILLED AS PER DRAWING 3000-C-204.

REFERENCE

1) BASE PLAN INFORMATION IS PROVIDED BY CUMBERLAND DATED FEBRUARY 03, 2006.

REV	D/M/Y	REVISION	DR	CHK	CHK	APP	APP	APP	APP
0	28APR06	–	CONSTRUCTION						
B	20APR06	–	FIRE MARSHALL INITIAL REVIEW						
A	07APR06	–	CLIENT REVIEW						

ISS	D/M/Y	APP	ISSUED FOR
0	28APR06	–	CONSTRUCTION
B	20APR06	–	FIRE MARSHALL INITIAL REVIEW
A	07APR06	–	CLIENT REVIEW

REF	NUMBER	TITLE
	–	

REFERENCES

STAMP/SEAL

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APPROVED FOR CONSTRUCTION

– CLIENT PROJECT MGR. – ENGINEERING MGR. – PROJECT MGR.

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE		BY	DD/MMM/YY
AS SHOWN	DSN.	WJP	28 APR 06
	DRN.	JK	28 APR 06

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

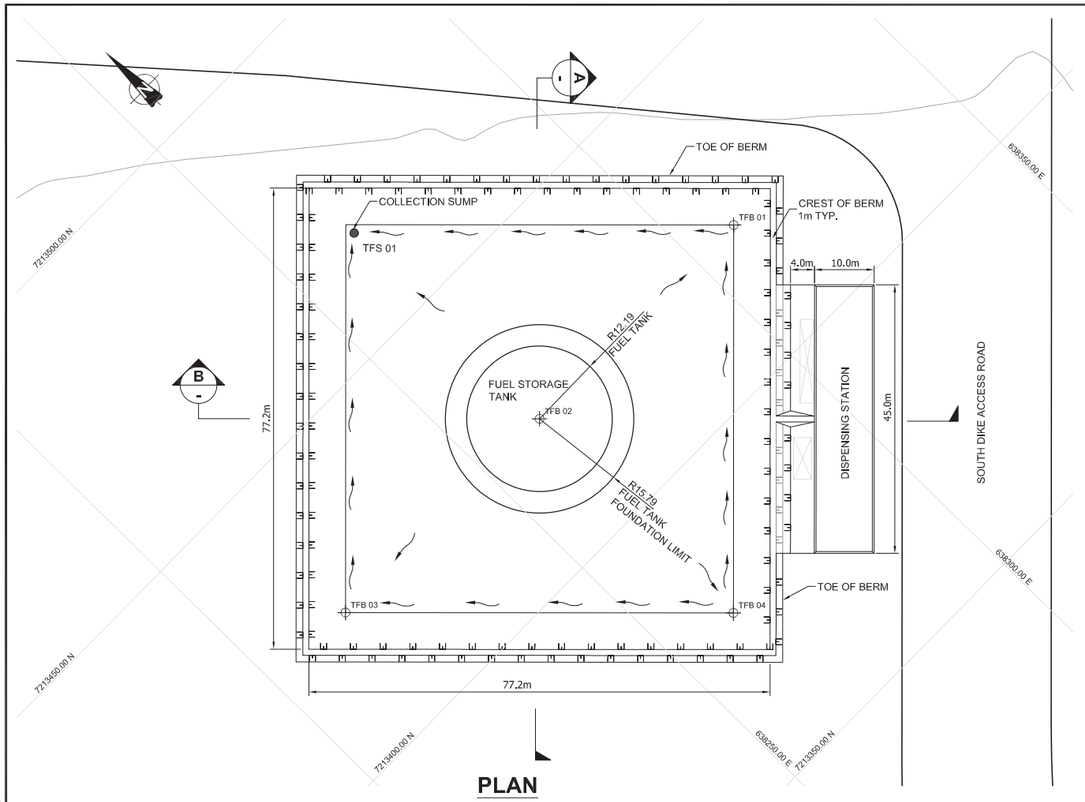
TANK FARM EXCAVATION PLAN AND SECTIONS MEADOWBANK FUEL TANK FARM

Golder Associates

PROJECT No.	FILE No.
– 06-1413-009	061413009_SK-203

DRAWING NO.	REV.
3000-C-203	0

REVISION DATE: 06/04/29 12:50PM By: jkownacki CADD FILE: N:\Bur-Graphics\Projects\2006\1413\06-1413-009\Drafting\cad\06-1413-009_SK-203.dwg



PLAN

Scale in Meters: 0 5 10 15 20 25

TANK FARM BACKFILL LAYOUT CONTROL POINTS			
ID	EASTING	NORTHING	ELEVATION
TFB 01	638,308.75	7,213,422.19	148.17
TFB 02	638,262.79	7,213,422.63	149.00
TFB 03	638,216.83	7,213,423.06	148.17
TFB 04	638,262.35	7,213,376.67	148.45
TFS 01	638,263.21	7,213,466.61	147.88

LEGEND

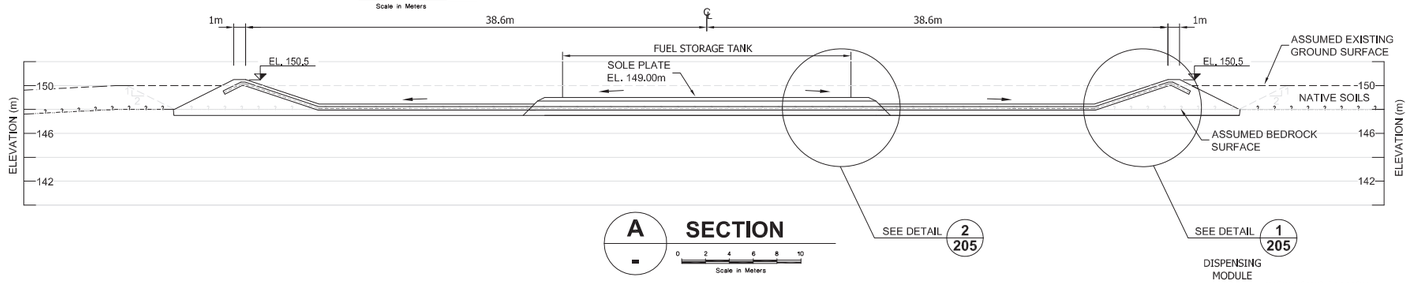
- TFS 01 — TANK FARM SUMP LAYOUT CONTROL POINT.
- TFB 03 — TANK FARM BACKFILL LAYOUT CONTROL POINT.
- PROPOSED BACKFILL LIMITS.

NOTES

1) NORTHING AND EASTING ARE IN METRES REFERENCED TO UTM ZONE 14, NAD83.
2) ALL DIMENSIONS AND ELEVATIONS ARE IN METRES REFERENCED TO GEODETIC DATUM, UNLESS OTHERWISE NOTED.
3) ACCESS ROAD TO DISPENSING STATION BY OTHERS. DETAILS NOT SHOWN FOR CLARITY.
4) SOUTH DIKE ACCESS ROAD BY OTHERS. BARRIER BETWEEN SOUTH DIKE ACCESS ROAD AND DISPENSING STATION BY OTHERS.
5) SURFACE WATER TO DRAIN AWAY FROM DISPENSING STATION AND PERIMETER DIKES TO PERIMETER DRAINAGE DITCHES, NOT SHOWN FOR CLARITY.

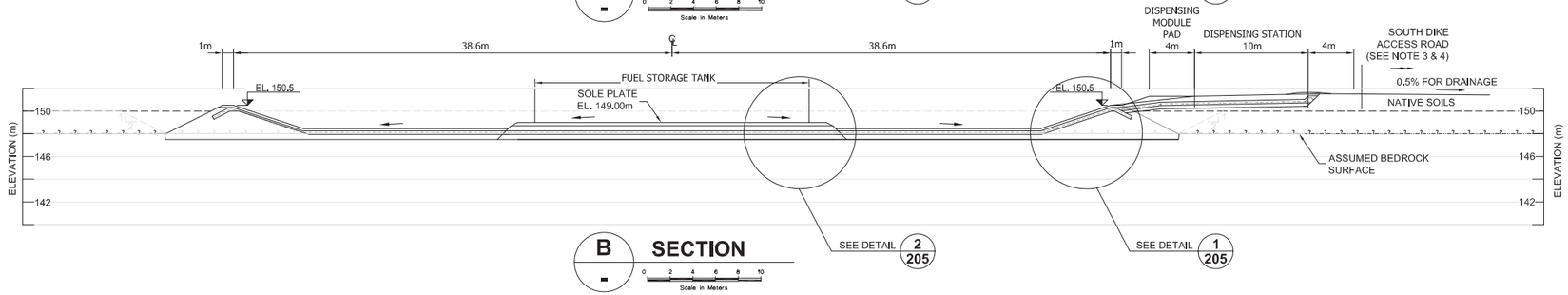
REFERENCE

1) BASE PLAN INFORMATION IS PROVIDED BY CUMBERLAND DATED FEBRUARY 03, 2006.



A SECTION

Scale in Meters: 0 2 4 6 8 10



B SECTION

Scale in Meters: 0 2 4 6 8 10

REV	D/M/Y	REVISION	DR	CHK	CHK	APP	APP	APP	APP
0	28APR06	–	CONSTRUCTION						
B	20APR06	–	FIRE MARSHALL INITIAL REVIEW						
A	10APR06	–	CLIENT REVIEW						

ISS	D/M/Y	APP	ISSUED FOR

REF	NUMBER	TITLE
REFERENCES	–	

STAMP/SEAL

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APPROVED FOR CONSTRUCTION

– CLIENT PROJECT MGR. – ENGINEERING MGR. – PROJECT MGR.

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE: AS SHOWN

	BY	DD/MMM/YY
DSN.	WJP	28 APR 06
DRN.	JK	28 APR 06

PROJECT: CUMBERLAND RESOURCES LTD.

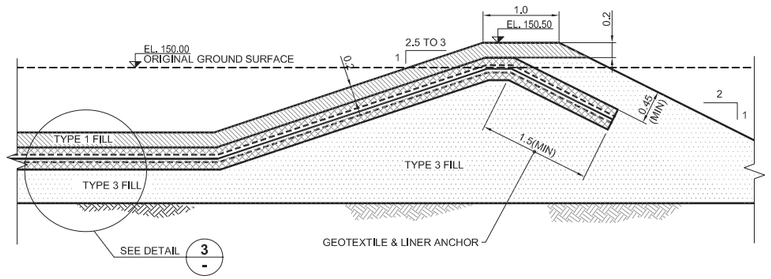
TITLE: **TANK FARM BACKFILL PLAN AND SECTIONS MEADOWBANK FUEL TANK FARM**

Golder Associates

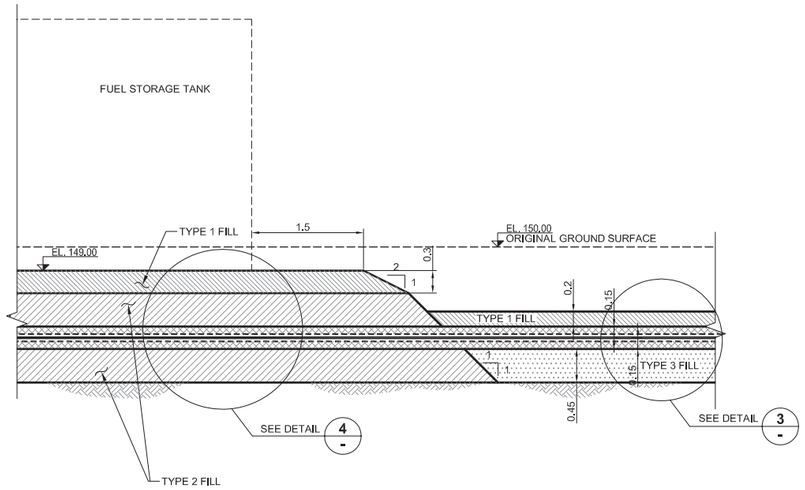
PROJECT No.	FILE No.
– 06-1413-009	061413009_SK-204

DRAWING NO.	REV.
3000-C-204	0

REVISION DATE: 06/04/29 12:51PM By: jkownacki CADD FILE: N:\Bur-Graphics\Projects\2006\1413\06-1413-009\Drafting\cad\06-1413-009_SK-204.dwg



1 204 **DETAIL**



2 204 **DETAIL**

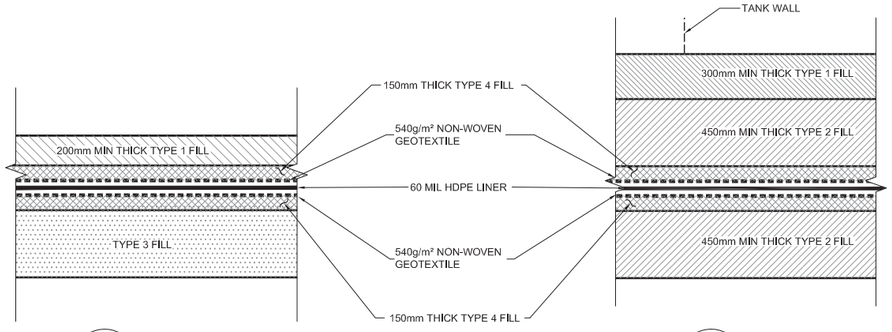
0 0.4 0.8 1.2 1.6 2
Scale in Meters

LEGEND

- TYPE 1 FILL; MINUS 19mm GRANULAR BASE
- TYPE 2 FILL; MINUS 75mm GRANULAR SUB-BASE
- TYPE 3 FILL; MINUS 150mm GRANULAR OR COMMON FILL
- TYPE 4 FILL; MINUS 9.5mm SAND BEDDING AND COVER
- BEDROCK
- 540g/m² NON-WOVEN GEOTEXTILE
- 60mil HDPE LINER

NOTES

1) GEOTECHNICAL ENGINEER TO INSPECT AND APPROVE EXPOSED BEDROCK SUBGRADE SURFACE PRIOR TO PLACEMENT OF GRANULAR FILL MATERIALS.
2) GRANULAR FILLS PROVIDED FROM CRUSHING AND SCREENING OPERATIONS AT MINE SITE QUARRY.
3) PLACEMENT AND COMPACTION SPECIFICATION REFERENCE SPECIFICATION SP-GAL-02-6.
4) ALL DIMENSIONS AND ELEVATIONS ARE IN METRES REFERENCED TO GEODETIC DATUM.
5) TANK FOUNDATION DETAILS BY OTHERS.



3 - **DETAIL**

4 - **DETAIL**

0 0.2 0.4 0.6 0.8 1
Scale in Meters

REV	D/M/Y	REVISION	DR	CHK	APP	APP	APP	APP

ISS	D/M/Y	APP	ISSUED FOR
0	28APR06	–	CONSTRUCTION
B	20APR06	–	FIRE MARSHALL INITIAL REVIEW
A	10APR06	–	CLIENT REVIEW

REF	NUMBER	TITLE
–		

REFERENCES

STAMP/SEAL

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APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR.	ENGINEERING MGR.	PROJECT MGR.
–	–	–

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE		BY	DD/MMM/YY
–	DSN.	WJP	28 APR 06
	DRN.	JK	28 APR 06

PROJECT
CUMBERLAND RESOURCES LTD.

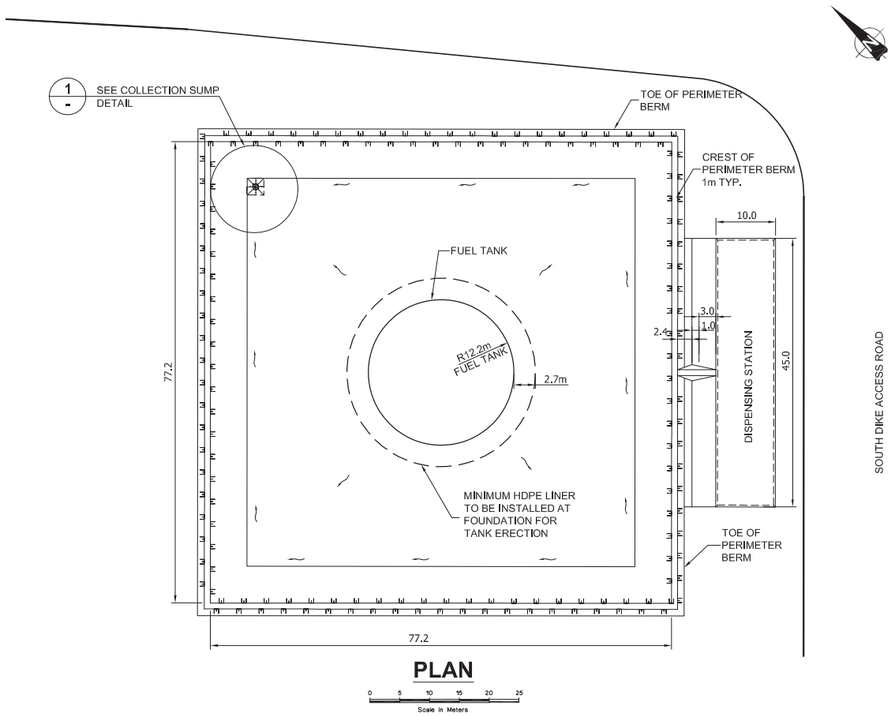
TITLE
TANK FARM BACKFILL DETAILS
MEADOWBANK FUEL TANK FARM

Golder Associates

PROJECT No.	FILE No.
06-1413-009	061413009_SK-212

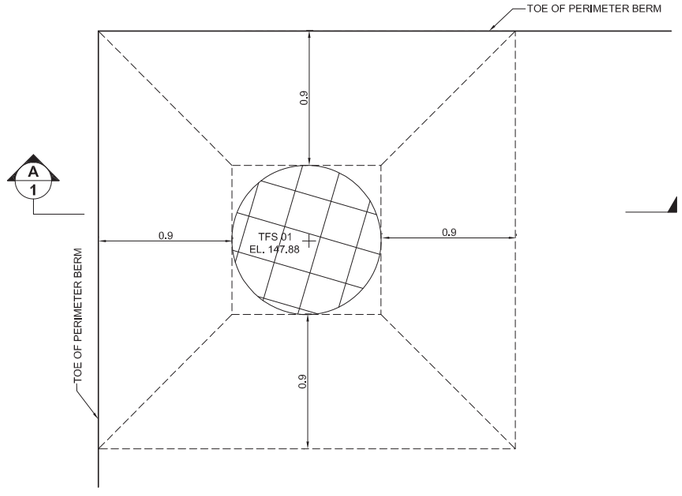
DRAWING NO.	REV.
3000-C-205	0

REVISION DATE: 06/04/29 12:52PM By: jkownacki CADD FILE: N:\Bur-Graphics\Projects\2006\1413\06-1413-009\Drafting\cad\06-1413-009_SK-212.dwg



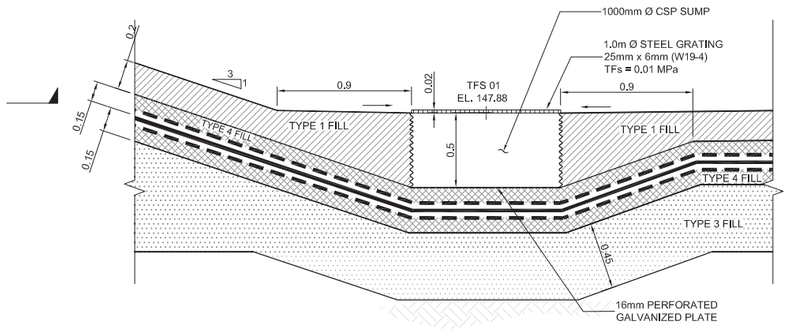
PLAN

Scale in Meters



1 - COLLECTION SUMP DETAIL

Scale in Meters



A - SECTION

Scale in Meters

LEGEND

- TYPE 1 FILL; MINUS 19mm GRANULAR BASE
- TYPE 3 FILL; MINUS 150mm GRANULAR OR COMMON FILL
- TYPE 4 FILL; MINUS 9,5mm SAND BEDDING AND COVER
- BEDROCK
- PROPOSED BACKFILL LIMITS
- PROPOSED LIMITS FOR HDPE LINER PLACEMENT.
- 540g/m² NON-WOVEN GEOTEXTILE
- 60mil HDPE LINER

NOTES

1) ALL DIMENSIONS AND ELEVATIONS ARE IN METRES REFERENCED TO GEODETIC DATUM, UNLESS OTHERWISE NOTED.

REV	D/M/Y	REVISION	DR	CHK	CHK	APP	APP	APP	APP
0	28APR06	– CONSTRUCTION							
B	20APR06	– FIRE MARSHALL INITIAL REVIEW.							
A	10APR06	– CLIENT REVIEW							

ISS	D/M/Y	APP	ISSUED FOR

REF	NUMBER	TITLE
	–	

REFERENCES

STAMP/SEAL

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APPROVED FOR CONSTRUCTION

– CLIENT PROJECT MGR. – ENGINEERING MGR. – PROJECT MGR.

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE: AS SHOWN

	BY	DD/MMM/YY
DSN.	WJP	28 APR 06
DRN.	JK	28 APR 06

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

SECONDARY CONTAINMENT HDPE LINER PLAN AND SUMP DETAILS MEADOWBANK FUEL TANK FARM

Golder Associates

PROJECT No. – 06-1413-009

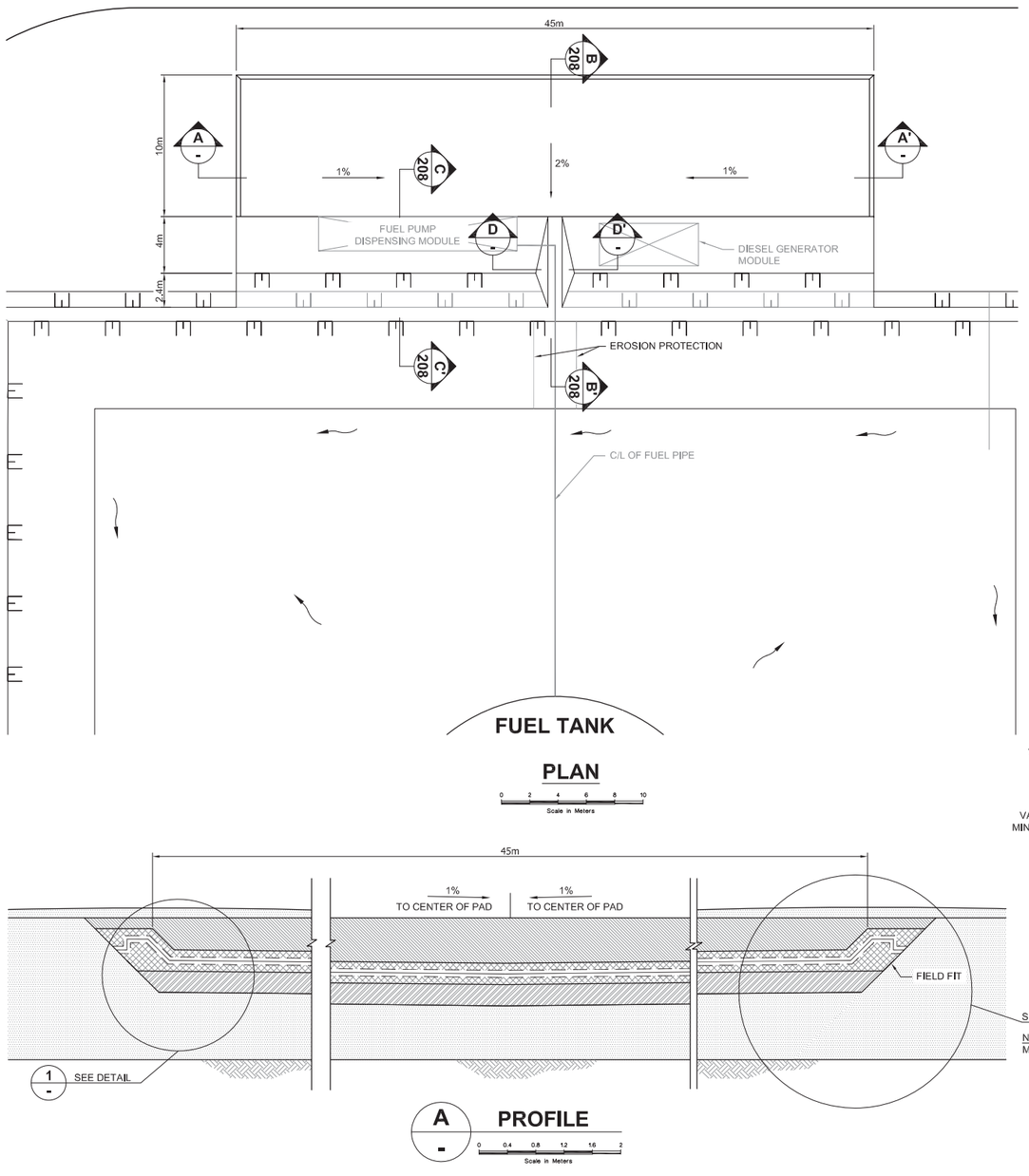
FILE No. 061413009_SK-214

DRAWING NO. 3000-C-206

REV. 0

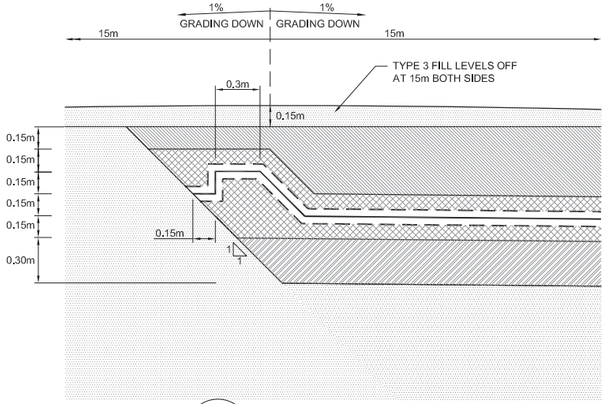
REVISION DATE: 06/04/29 12:55PM By: jkownocki CADD FILE: N:\Bur-Graphics\Projects\2006\1413\06-1413-009\Drafting\cad\06-1413-009_SK-214.dwg

SOUTH DIKE ACCESS ROAD



PLAN

0 2 4 6 8 10
Scale in Meters

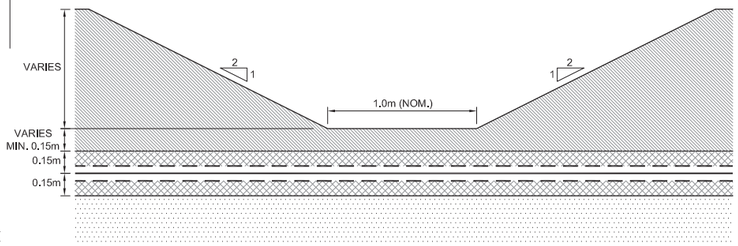


1 - **DETAIL**

0 0.2 0.4 0.6 0.8 1
Scale in Meters

A - **PROFILE**

0 0.4 0.8 1.2 1.6 2
Scale in Meters



D - **SWALE SECTION**

0 0.2 0.4 0.6 0.8 1
Scale in Meters

SEE DETAIL 1 -

NOTE
MIRROR IMAGE OF DETAIL 1

LEGEND

- TYPE 1 FILL; MINUS 19mm GRANULAR BASE
- TYPE 2 FILL; MINUS 75mm GRANULAR SUB-BASE
- TYPE 3 FILL; MINUS 150mm GRANULAR OR COMMON FILL
- TYPE 4 FILL; MINUS 9.5mm SAND BEDDING AND COVER
- BEDROCK
- 540g/m² NON-WOVEN GEOTEXTILE
- 60mil HDPE LINER

REV	D/M/Y	REVISION	DR	CHK	CHK	APP	APP	APP	APP
0	28APR06	–	CONSTRUCTION						
B	20APR06	–	FIRE MARSHALL REVIEW						
A	10APR06	–	CLIENT REVIEW						

ISS	D/M/Y	APP	ISSUED FOR

REF	NUMBER	TITLE
	–	

REFERENCES

STAMP/SEAL

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APPROVED FOR CONSTRUCTION

– CLIENT PROJECT MGR. – ENGINEERING MGR. – PROJECT MGR.

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE		BY	DD/MMM/YY
AS SHOWN	DSN.	WJP	28 APR 06
	DRN.	JK	28 APR 06

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

DISPENSING STATION PLAN, PROFILE AND DETAILS MEADOWBANK FUEL TANK FARM

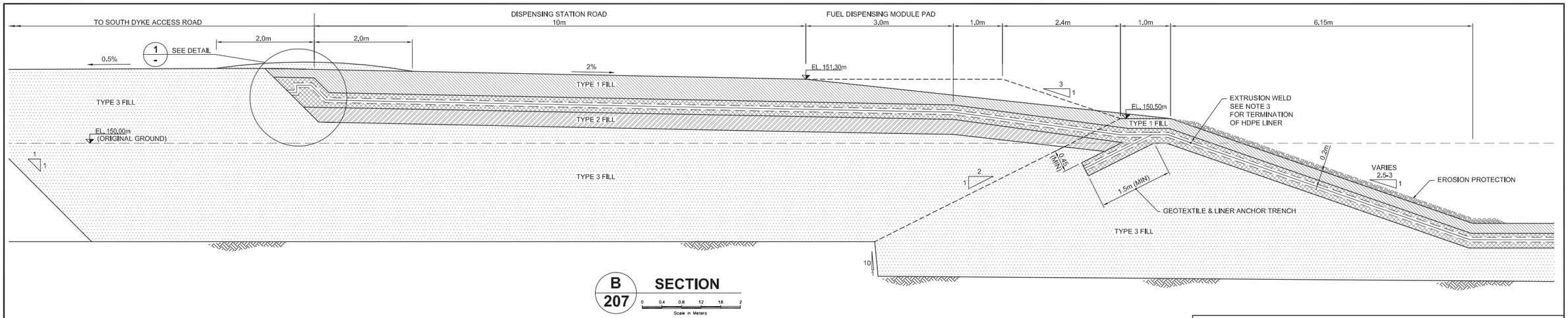
Golder Associates

PROJECT No.	FILE No.
– 06-1413-009	061413009_SK-213

DRAWING NO. 3000-C-207

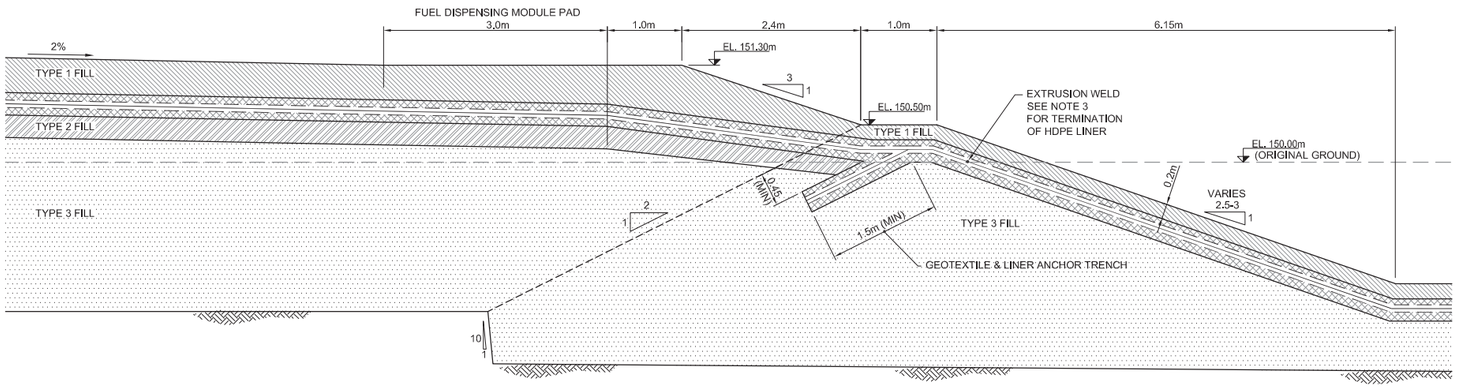
REV. 0

REVISION DATE: 06/04/29 12:50PM By: jkownacki CADD FILE: N:\Bur-Graphics\Projects\2006\1413\06-1413-009\Drafting\cad\06-1413-009_SK-213.dwg



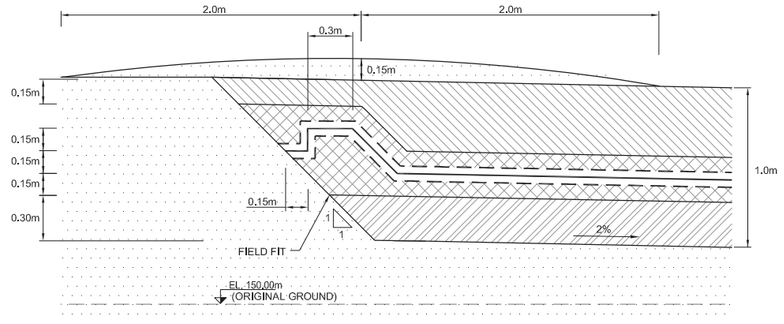
B / 207 SECTION

Scale in Meters 0 0.4 0.8 1.2 1.6 2



C / 207 SECTION

Scale in Meters 0 0.4 0.8 1.2 1.6 2



1 / - DETAIL

Scale in Meters 0 0.2 0.4 0.6 0.8 1

LEGEND

- TYPE 1 FILL; MINUS 19mm GRANULAR BASE
- TYPE 2 FILL; MINUS 75mm GRANULAR SUB-BASE
- TYPE 3 FILL; MINUS 150mm GRANULAR OR COMMON FILL
- TYPE 4 FILL; MINUS 9,5mm SAND BEDDING AND COVER
- BEDROCK
- 540g/m² NON-WOVEN GEOTEXTILE
- 60mil HDPE LINER

NOTES

1) GEOTECHNICAL ENGINEER TO INSPECT AND APPROVE EXPOSED BEDROCK SUBGRADE SURFACE PRIOR TO PLACEMENT OF GRANULAR FILL MATERIALS.
2) GRANULAR FILL PROVIDED FROM CRUSHING AND SCREENING OPERATIONS AT MINE SITE QUARRY.
3) LIMIT OF HDPE LINER FROM DISPENSING STATION TO BE TERMINATED 0.5m BEYOND THE CREST OF ANCHOR TRENCH ON TOP OF CONTAINMENT BERM AND EXTRUSION WELDED TO CONTAINMENT BERM HDPE.
4) HDPE LINER SYSTEM BENEATH DISPENSING STATION RUNS FULL LENGTH OF STATION AND DRAPES OVER HDPE OF TANK FARM BERM.

REV	D/M/Y	REVISION	DR	CHK	CHK	APP	APP	APP	APP

ISS	D/M/Y	APP	ISSUED FOR
0	28APR06	–	CONSTRUCTION
B	20APR06	–	FIRE MARSHALL REVIEW
A	10APR06	–	CLIENT REVIEW

REF	NUMBER	TITLE
	–	

REFERENCES

STAMP/SEAL

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APPROVED FOR CONSTRUCTION

– CLIENT PROJECT MGR. – ENGINEERING MGR. – PROJECT MGR.

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

SCALE		BY	DD/MMM/YY
AS SHOWN	DSN.	WJP	28 APR 06
	DRN.	JK	28 APR 06

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

DISPENSING STATION SECTIONS AND DETAILS MEADOWBANK FUEL TANK FARM

Golder Associates

PROJECT No.	FILE No.
– 06-1413-009	061413009_SK-213

DRAWING NO.	REV.
3000-C-208	0

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