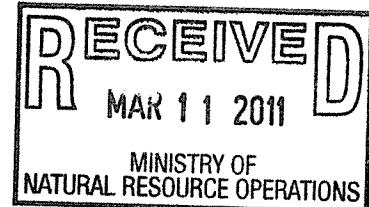


**MOUNT POLLEY MINING
CORPORATION**
A DIVISION OF IMPERIAL METALS CORPORATION

March 8, 2011

Al Hoffman
Executive Director and Chief of Mines
Ministry of Natural Resources Operations
PO Box 9320
Stn Prov Gov't
Victoria, B.C.
V8W 9N3...



Dear Mr. Hoffman:

RE: 2010 Annual Inspection, and Report on 6B Construction for the Mount Polley Mine

As required under Section 10 of the HS&RC for Mines in BC, please find attached hard copies of the above mentioned reports for your review.

Should you have any question, please do not hesitate to contact me at 250 790 2215 extension 409 or Ron Martel at extension 409.

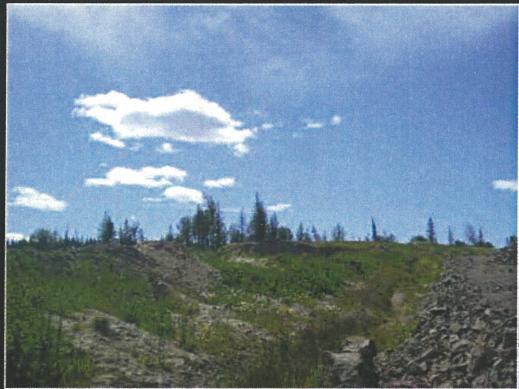
Sincerely,

Tim Fisch, General Manager
Mount Polley Mining Corporation
tfisch@mountpolley.com

Cc. TSF File

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
REPORT ON STAGE 6B CONSTRUCTION



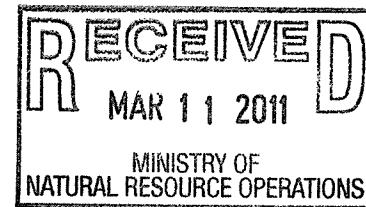
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Knight Piésold
CONSULTING



ISO 9001, ISO 14001
OHSAS 18001



**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**

**TAILINGS STORAGE FACILITY
REPORT ON STAGE 6b CONSTRUCTION
(REF. NO. VA101-1/29-1)**

MP 00036

| Rev | Description | Date | Approved |
|-----|---|-------------------|------------|
| 0 | Issued in Final | December 15, 2010 | KJB |
| 1 | Updated with Drain Flow Data and Minor Edits. Issued in Final | January 25, 2011 | <i>KJS</i> |
| | | | |
| | | | |

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**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**

**TAILINGS STORAGE FACILITY
REPORT ON STAGE 6b CONSTRUCTION
(REF. NO. VA101-1/29-1)**

EXECUTIVE SUMMARY

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The Mount Polley Mine is owned by Mount Polley Mining Corporation (MPMC). It is located 56 kilometers northeast of Williams Lake, in central British Columbia. Mount Polley Mine started production in 1997 and operated until October 2001 when operations were temporarily suspended for approximately 3½ years. Mount Polley Mine restarted production in March 2005 and has been in continuous operation since this time. The current mill throughput is approximately 20,000 tpd with the tailings material deposited as slurry in the Tailings Storage Facility (TSF). There has been an estimated 65 Mt of tailings deposited in the TSF by June 2010. The Mount Polley Mine TSF consists of one embankment divided into three sections: the Main Embankment, Perimeter Embankment, and the South Embankment. The Stage 6b construction program included raising the embankments by 4 m to an elevation of 958 m.

The Stage 6b TSF construction program at Mount Polley Mine commenced in October 2009 and was completed in August of 2010. Earthworks for the Stage 6b Tailings Storage Facility construction program comprised the following zones and materials:

- Zone U: Upstream shell zone – produced from coarse tailings in sand cells, or from rockfill.
- Zone S: Core zone - fine grained glacial till.
- Zone F: Filter, drainage zones, and chimney drain - processed sand and gravel.
- Zone T: Transition filter zone - select well-graded fine-grained rockfill.
- Zone C: Downstream shell zone – rockfill.

The Zones S, F and T were raised to 958 m, Zones C and U vary in elevation around the embankment between 957.3 and 958.5 m.

Technical supervision of the work by Knight Piésold included QA/QC testing and monitoring the existing vibrating wire piezometers and inclinometers. The QA/QC component involved collecting and testing Record and Control samples for Zones S, F and T. The results of the QA/QC testwork indicate that the construction fill materials were placed and compacted within the required material specifications and were in accordance with the Stage 6b design of the TSF. The Zone C material on the downstream shell is constructed at a relatively steep grade of approximately 1.4H:1V. The buttress on the main embankment construction has not been completed as designed. It is recommended that a review of the embankment stability be completed prior to further embankment raises.

There are in total fifty six functioning vibrating wire piezometers installed in the TSF. No new piezometers were installed during the Stage 6b construction program. The instrumentation monitoring does not show unexpected or anomalous pore pressures. It is recommended that additional piezometers be installed to replace piezometers that have been damaged or no longer function.

The four operating slope inclinometers at the TSF all are located along the Main Embankment. No new inclinometers were installed during the Stage 6b construction program. No significant deviations have been monitored in the four inclinometers.

Measurement of the TSF seepage and underdrain flows was completed only once during 2010. A weekly monitoring frequency is specified in the Operations, Maintenance and Surveillance Manual. The regular monitoring and measurement of seepage is recommended to assist with the early detection of anomalous conditions in the embankment. At present, it is operationally complex to monitor seepage and drainage flows from the TSF. It is recommended that the process required to monitor seepage and underdrain flows is simplified and regular monitoring data on the flows is collected.

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
REPORT ON STAGE 6b CONSTRUCTION
(REF. NO. VA101-1/29-1)

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▲R1

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**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**

**TAILINGS STORAGE FACILITY
REPORT ON STAGE 6b CONSTRUCTION
(REF. NO. VA101-1/29-1)**

SECTION 1.0 - INTRODUCTION

1.1 PROJECT DESCRIPTION

The Mount Polley Mine is owned by Mount Polley Mining Corporation (MPMC). It is located 56 kilometers northeast of Williams Lake, in central British Columbia. The project site is accessible by paved road from Williams Lake to Morehead Lake and then by gravel road for the final 12 km. Mount Polley Mine started production in 1997 and had milled approximately 27.5 million tonnes of ore prior to stopping production in October 2001. Mount Polley Mine upgraded the mine facilities in the second half of 2004 and started production again in March 2005.

The resource at Mount Polley Mine is generally developed using open pit mining methods, with the Springer Pit, Pond Zone, and the Southeast Zone being mined or developed in 2009/2010. The open pit mining of the Wight Pit was completed in 2009, however, underground mining operations started in 2010. The tailings material is deposited as slurry into the Tailings Storage Facility (TSF). The process water is reclaimed from the supernatant pond where it is pumped back to the mill for recycle in the milling process. MPMC had milled approximately 65 million tonnes June 2010. The mine throughput is approximately 20,000 tpd. An overall site plan of the Mount Polley Mine is shown on Drawing 100. The general arrangement of the TSF is shown on Drawing 102.

1.2 SCOPE OF THE REPORT

This report documents the Stage 6b construction program for the TSF, which involved raising the crest of the TSF embankments to an elevation of 958 m, an increase of 4 m from the previous Stage 6a elevation of 954 m. The report includes a discussion of the construction methods used to complete the work, the results of quality assurance tests, and a review of the instrumentation monitoring results. The report also includes a set of "As-Built" drawings corresponding to the Stage 6b construction program.

SECTION 2.0 - STAGE 6B CONSTRUCTION REPORT

2.1 GENERAL

The TSF at Mount Polley TSF includes the Main, Perimeter and South Embankments. The Stage 6b construction program involved raising the TSF embankments to an elevation of 958 m, an increase in 4 m from the Stage 6a crest elevation of 954 m. The heights of the TSF embankments corresponding to a crest elevation of 958 m are approximately 45 m, 27 m, and 17 m for the Main, Perimeter and South Embankments, respectively. The design of the TSF staged raise to elevation 958 m is described in the Knight Piésold Ltd. report "Stage 6 Design of the Tailings Storage Facility" June 2007 (VA101-18-1). The TSF Stage 6b as-built plan, material specifications, and sections for the Main, Perimeter, and South Embankments are shown on the following drawings:

- VA101-1/26-210 Rev 1: Stage 6b Main Embankment – Plan
- VA101-1/26-215 Rev 1: Stage 6b Main Embankment – Section
- VA101-1/26-216 Rev 1: Stage 6b Main Embankment – Detail
- VA101-1/26-220 Rev 1: Stage 6b Perimeter Embankment – Plan
- VA101-1/26-225 Rev 1: Stage 6b Perimeter Embankment – Section
- VA101-1/26-226 Rev 1: Stage 6b Perimeter Embankment – Detail
- VA101-1/26-230 Rev 1: Stage 6b South Embankment – Plan, and
- VA101-1/26-235 Rev 1: Stage 6b South Embankment – Section 1.

The Stage 6b construction program began in October 2009 and was completed in August 2010. Select photographs of the construction program are included in Appendix E. Zones S and F were raised to an elevation of 958 m along the entire length of the dam. The elevation of Zones T, U and C vary from 957.3 m to 958.5 m along the embankment.

2.2 TAILINGS STORAGE FACILITY COMPONENTS

The TSF consists of the following main components:

- The TSF embankments, which incorporate the following zones and materials:
 - Zone U: Upstream shell zone – produced from coarse tailings in sand cells, or from rockfill.
 - Zone S: Core zone – fine grained low permeability glacial till to 958 m.
 - Zone F: Filter, drainage zones, and chimney drain – processed sand and gravel. The Zone F material has a filter relationship with the Zone S material.
 - Zone T: Transition filter zone – select well-graded fine-grained rockfill. The Zone T material has a filter relationship with the Zone F material.
 - Zone C: Downstream shell zone – rockfill.
 - Zone CBL: Coarse Bearing Layer – rockfill.
 - Zone FT: Filter layer above the downstream foundation materials (till) – sand from local borrow area.
- A low permeability basin liner (natural and constructed), which covers the base of the entire facility, at a nominal thickness of at least 2 m. The low permeability basin liner has proven to be effective in minimizing seepage from the TSF as there have been no indications of adverse water quality from the

TSF reporting to the groundwater monitoring wells (refer to the MPMC Annual Reclamation Report for details).

- Embankment drainage provisions, which include foundation drains, upstream toe drains, and chimney, longitudinal and outlet drains. The embankment drains have been incorporated into the design of the TSF to facilitate drainage of the tailings mass, dewater the foundation soils, and to control the phreatic surface within the embankments.
- Seepage collection ponds located downstream of the Embankments. These ponds were excavated in low permeability soils and temporarily store water collected from the embankment drains and from local runoff.
- Instrumentation in the tailings, earthfill embankments, embankment foundations, and drains. This includes vibrating wire piezometers and slope inclinometers.
- A system of groundwater quality monitoring wells installed around the TSF.

2.3 QUALITY ASSURANCE/QUALITY CONTROL

Knight Piésold provided the Stage 6b design for the Tailings Embankments, prepared the Technical Specifications, provided technical assistance, and performed Quality Assurance/Quality Control (QA/QC) testing during the construction program. Key items addressed by Knight Piésold included:

- Foundation inspection and approval prior to fill placement
- Assessment of borrow material suitability
- Inspection of fill placement procedures
- In-situ testing of placed and compacted fill for moisture content and density
- Collection and testing of Control and Record samples, and
- Instrumentation monitoring.

Knight Piésold worked under the overall management and administration of MPMC. Lake Excavating Ltd. and MPMC completed the construction work at the TSF. The QA/QC procedures followed by Knight Piésold were similar to previous construction programs at the TSF. Control and Record samples were collected for laboratory testing during the construction program. The Control tests were carried out on materials collected from the borrow areas or from source locations to determine their suitability for use in the construction. Record tests were performed on materials after placement and compaction to document the level of workmanship achieved and to ensure that the design objectives were met. The Control and Record laboratory test results are presented in Appendix A.

2.4 STAGE 6B EARTHWORKS

2.4.1 General

Earthworks for the Stage 6b Tailings Storage Facility construction program comprised the following zones:

- Zone U – Upstream shell zone
- Zone S – Core zone
- Zone F – Filter zone
- Zone T – Transition filter zone, and

- Zone C – Downstream shell zone.

The fill materials are discussed in the following sections, and the material specifications are shown on Drawing 104.

2.4.2 Zone U

Zone U forms the upstream shell zone immediately adjacent to the Zone S core zone and provides the upstream support of the Zone S material required for modified centerline construction. Zone U was constructed using mine waste rockfill from the Springer, Southeast and Pond Zone pits, and up to 1 meter lifts of low sulphur waste rockfill from the Pond Zone pit. Sand cells were also used for Zone U construction. The sand cell construction process involved discharging tailings into cells constructed upstream of the embankment. The cells contained confining berms that had discharge culverts installed to allow for the water and the fine materials to exit the cells and flow into the TSF. The coarse tailings sand that settled out into the cells was constantly worked with a specialized dozer to distribute the tailings within the cells, to compact the sand, and to expedite the drainage of excess water through the culverts. A photograph is included in Appendix E showing the construction of a sand cell in the earlier phases of Stage 6b. Sand cell construction was suspended for the remainder of Stage 6b in May 2010, to facilitate Zone S construction whilst utilizing economical haulage of mine waste rockfill from the nearby Pond Zone pit.

2.4.3 Zone S

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The Zone S material, which is used for the core zone for the TSF Embankments, is comprised of a locally borrowed, low permeability glacial till. The Zone S material for the Stage 6b construction program was sourced from the Perimeter Embankment borrow pit, located downstream of the Perimeter Embankment. The location of the borrow areas are shown on Drawings 102 and 220. The Control test results for the Zone S material are presented in Appendix A1 and summarized on Table 2.1. The results of the Control test particle size analyses on the Zone S material are shown on Figure 2.1.

The Zone S material was placed in maximum 300 mm thick horizontal lifts and compacted with a 10-tonne vibratory smooth drum. The compaction specification was 95 percent of the Standard Proctor Maximum Dry Density. Each lift of Zone S was tested and approved prior to the placement of the subsequent lift. Areas that failed to meet the compaction requirements were re-compacted until the minimum compaction requirements were met. Material that did not meet the compaction requirements was removed from the embankment by pushing the unsuitable material upstream of the crest onto the tailings beach with a dozer.

Record tests on the compacted Zone S fill included the following:

- Moisture Content (ASTM D2216)
- Particle Size Distribution (ASTM D422)
- Laboratory Compaction (ASTM D698)
- Atterberg Limits (ASTM D4318)
- Field Density by Nuclear Methods (ASTM D2922), and

- Field Moisture Content by Nuclear Methods (ASTM D3017).

A total of twelve Zone S Record samples were collected and tested during the Stage 6b construction program. The Record test results indicate that the Zone S material is typically comprised of well graded gravelly sandy silt with some clay. The Record test results for the Zone S material are presented in Appendix A2 and summarized in Table 2.2. The gradation curves of the Zone S Record tests are shown on Figure 2.2. The moisture content of the Record Samples ranged from 8.0 to 14.1 percent, with an average of 10.1 percent. The Standard Proctor Maximum Dry Density ranged from 2,030 to 2,190 kg/m³, with an average of 2,117 kg/m³. The plastic limits ranged from 12.9 to 16.5 percent, with an average of 14.8 percent. The liquid limits ranged from 19.3 to 21.8 percent, with an average of 20.4 percent. The plasticity index ranged from 3.4 to 7.8 percent, with an average of 5.5 percent. The Zone S Record test results indicate that the Zone S material was within the specified limits for the material and was also consistent with the Zone S materials used in all previous construction programs.

A total of 765 field density and moisture content tests were performed on the Zone S material using a nuclear densometer to assess the compacted density and moisture content. Tests that were repeated due to low compaction were not included in the total number. Several results yielded unreasonably high densities (between 2,426 and 2,671 kg/m³) which were most likely due to a temporary gauge malfunction. A criterion of 10% greater than the median density of the total test number was applied. Ten tests (that fell between test numbers 82 and 107) were subsequently removed from the data set, giving a modified data set of 755 field density and moisture tests.

The compacted dry density of the modified data set ranged from 1,971 to 2,321 kg/m³, with a median of 2,114 kg/m³. The compacted moisture content ranged from 2.7 to 20.2%, with a median of 9.0%. The relative compaction, as compared to the average Standard Proctor Maximum Dry Density from the Control Record testwork, ranged from 94.8 to 111.6%, with an average of 101.6%. The compacted dry density results are shown on Figure 2.3, with the percent compaction results shown on Figure 2.4. The compacted moisture content results are shown on Figure 2.5, with the deviation from the average Standard Proctor Optimum Moisture Content results from the Control and Record testwork shown on Figure 2.6. The nuclear densometer results are presented in Appendix B.

2.4.4 Zone F

▲R1

The Zone F material forms the filter zone immediately downstream of the Zone S core zone on all of the Embankments. The Zone F material was mine waste rock that was processed at the mill site using the primary crusher. The material used for Zone F was sourced from the Springer, Southeast Zone and the Pond Zone pits.

Zone F material was placed in maximum 600 mm thick lifts and was compacted with a ten tonne vibrating smooth drum.

Control and Record samples were collected and tested for Particle Size Analyses. A total of 19 control and 38 record tests were performed on Zone F samples during the Stage 6b

construction program. The results of the Control and Record tests are shown in Figures 2.7 and 2.8 respectively. The Zone F material is typically comprised of sand and fine gravel, with trace (<10%) fines. A total of 4 of the 38 Record samples and 4 of the 19 Control samples were slightly coarser than specified for this material. This was not unexpected as the Zone F material is very sensitive to sampling method. Test results indicating that a small fraction of the material is slightly coarser than the specified limit have also been observed in previous construction programs where additional samples collected from stockpiles that appeared to be slightly coarse based on initial testing were found to be within the specified limits after further sampling and testwork was completed.

2.4.5 Zone T

Zone T is a transition zone immediately downstream of Zone F. The material used in Zone T was select rock fill from the Springer, Southeast Zone and Pond Zone Pits. Plus six-inch material was selectively removed prior to placement in the embankment. Zone T was placed in maximum 600 mm thick lifts and compacted with a ten tonne vibrating smooth drum roller.

A total of 16 Record Particle Size Analyses were performed during Stage 6b, and the results of these tests are shown in Figure 2.9. The Zone T material is typically comprised of gravel, with some sand and cobbles and trace (<10%) fines. All of the Zone T record test results fell inside the specified limits.

2.4.6 Zone C

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Zone C forms the downstream shell zone of the embankments and is immediately downstream of Zone T. The Zone C material provides structural stability for the embankments as well as a large, trafficable surface for haul trucks to drive upon. It was comprised of coarse rock from Springer, Southeast Zone and Pond Zone Pits. Zone C was placed in maximum 2 m thick lifts and compacted with selective routing of the various trucks and construction equipment. No Particle Size Analyses were performed on Zone C material. The outer slope of Zone C at the end of Stage 6b varied for each embankment; the average Zone C downstream slope is 1.4H:1V. Drawings 216 and 215 show that on both the Main and South Embankments the Zone C was overbuilt during the Stage 6a construction program. This will need to be evaluated during future design and construction programs.

The Zone C material was used to partially construct the downstream buttress on the Main Embankment. The Main Embankment buttress was not constructed to the design grades and extent during the Stage 6b construction program. It is recommended that the stability of the Main Embankment be reviewed in the next design stage and on an on-going basis throughout operations and during closure.

2.5 INSTRUMENTATION AND MONITORING

2.5.1 Vibrating Wire Piezometers

2.5.1.1 General

Vibrating wire piezometers have been installed at the TSF along nine planes, designated as monitoring planes A to I. Monitoring planes A, B, C and E are located at the Main Embankment, monitoring planes D, G, and H are located at the Perimeter Embankment, and monitoring planes F and I are located at the South Embankment. A plan view of the piezometer planes is shown on Drawing 255, and they are shown in section on Drawings 256, 257, 258, and 259. The piezometers are grouped into tailings, foundation, fill and drain piezometers. The piezometers were read on a weekly basis during periods of construction, as defined in the Operation, Maintenance and Surveillance Manual. The results from each piezometer group are discussed below. The timeline plots for the piezometers are presented in Appendix C.

There are currently two gaps in the piezometer data. The first gap, which was from July 30, 2003 to September 2, 2004, was during the Care and Maintenance Period. This data was collected by MPMC but was accidentally misplaced. The second gap occurred from September 22, 2005 to April 30, 2006 and was due to a malfunctioning readout box connector cable.

An instrumentation installation program has been proposed to replace malfunctioning or damaged piezometers. This program is overdue and should be carried out prior to further embankment raises.

2.5.1.2 Tailings Piezometers

There are currently 10 functioning tailings piezometers. The tailings piezometers are typically installed close to the embankments and the pore pressures are sensitive to the location of the tailings pond in relation to the embankments. The pore pressures observed in the tailings piezometers at the Main Embankment have shown slight fluctuations during the Stage 6b construction program in response to the development of the tailings beach and the subsequent re-location of the tailings pond away from the embankment. Timeline plots of the tailings piezometer data are included in Appendix C1.

2.5.1.3 Embankment Foundation Piezometers

There are currently 8 functioning embankment foundation piezometers. Artesian conditions are present in 3 of the 7 foundation piezometers installed under the Main Embankment. Artesian conditions have previously been identified in the foundation of the Main Embankment and the piezometers installed in this area are used to confirm that pore pressures remain below the design threshold level of 6 metres above ground level (KP Ref. No. 1162/7-2). The functional foundation piezometers have not shown unexpected high pore pressures during the Stage 6b construction program. The

observed artesian pressures ranging from surface to 2.17 m above ground. The artesian head values (above ground surface level) measured in August 2010 are shown on Table 2.3.

Timeline plots of the embankment foundation piezometers are included in Appendix C2. There are currently no concerns with the pore pressures observed in the functional embankment foundation piezometers. However, several of the Main Embankment piezometers have malfunctioned. As a result there are no functioning piezometers located in the Plane A foundation and it is recommended that this be rectified in the instrument replacement program.

2.5.1.4 Embankment Fill Piezometers

There are currently 23 functioning embankment fill piezometers. There have been no significant changes in the trends of the embankment fill piezometers. Piezometer A2-PE2-03, which is located in the Main Embankment, showed a slight increase in pore pressures corresponding to fill placement during the Stage 6a construction program. The recent data taken during the Stage 6b construction program indicate a slight reduction in pore pressure (from Stage 6a), followed by moderate upward trend. The current moderate upward trend corresponds with additional fill placement during the Stage 6b program. This trend has been observed in the past with this piezometer and it is anticipated that the slightly elevated pore pressures will dissipate following the construction programs as they have previously.

Timeline plots of the embankment fill piezometer data are included in Appendix C3. There are no concerns with the embankment fill piezometers.

2.5.1.5 Drain Piezometers

There are currently 15 functioning drain piezometers. The drain piezometers are installed in the foundation drains, chimney drain, upstream toe drains, and outlet drains.

The majority of the drain piezometers showed near-zero pore pressures, indicating that the drains are functioning as intended. Piezometer A1-PE1-04 showed elevated pore pressures starting in approximately June 2006. This piezometer is located in the upstream toe drain at the Main Embankment and the increased pressures are a result of the tailings pond being in close proximity to the Main Embankment. The elevated trend of the pore pressures coincides with the increased flow rates measured from the Main Embankment upstream toe drain. The pore pressures in piezometer A1-PE1-04 are expected to dissipate once the tailings beach has been established in this area and the pond is located away from the embankment.

Timeline plots for the drain piezometers are shown in Appendix C4. There are no concerns with the embankment drain piezometers.

2.5.2 Slope Inclinometers

▲R1

A total of five slope inclinometers have been installed at the Main Embankment to measure potential displacements in the lacustrine unit that underlies the embankment. One of the inclinometers (SI01-01) was damaged during the placement of the Zone C shell material and is no longer functioning. The last reading for SI01-01 was March 2006. No new inclinometers were installed during the Stage 6b construction program. An instrumentation replacement program to install additional inclinometers in the Main Embankment has been recommended.

The results of the inclinometer readings indicate that there have not been any significant deviations measured in the three of the inclinometers since their installation. However, inclinometer SI01-02 is showing slight deviations (less than 3 mm) at an approximate depth of 10 m below ground in the lacustrine silts. MPMC has partially completed the expansion of the buttress at the Main Embankment. The expansion of the buttress appears to have been effective, as no additional displacements have been measured in inclinometer SI01-02. It is recommended that this area have additional instrumentation installed, and reviewed during the next design phase. The data for the slope inclinometers are included in Appendix B.

2.5.3 Survey Monument Data

There are currently no survey monuments on the TSF embankment crests due to the ongoing construction of the TSF embankments.

2.5.4 Drain Flow Data

▲R1

The Main Embankment upstream toe drain and foundation drains flow into a sump located at the Main Embankment Seepage Collection Pond. The seepage flows can be measured and monitored at this point. The monitoring of seepage flows is required to identify and provide an early warning of anomalous conditions in the TSF seepage collection system. The flow rates have been monitored since July 2000. The flow rates from the drains were not monitored during the Care and Maintenance Period as the drain outlets were submerged within the sump. Monitoring the seepage flow into the Main Embankment Seepage Collection Pond requires the seepage pond level to be pumped down.

The Perimeter Embankment upstream toe drain flows into the Perimeter Embankment Seepage Collection Pond via a ditch. The flow rates are measured at the end of the concrete encased pipe which exits the Perimeter Embankment abutment, located near the toe of the embankment. Water from the upstream toe drains and foundation drains flows into the seepage collection ponds where it is temporarily stored prior to being pumped back into the TSF.

The seepage flows were monitored only once in the summer of 2010, which is inconsistent with the frequency specified in the OMS manual. It is recommended that the seepage flow monitoring be increased to the frequency recommended in the OMS manual (weekly).

The historic flow rates for the upstream toe drains are shown on Figure 2.10. The flows from the upstream toe drains fluctuate throughout the year in response to the tailings deposition location and the tailings pond location. The historic flow rates for the foundation drains are shown on Figure 2.11.

2.6 DESIGN MODIFICATIONS

Knight Piésold Ltd. employs a formal procedure for making design modifications (changes or substitutions) in the field. All design change requests are submitted in writing by the Resident Engineer to the Knight Piésold Ltd. Vancouver Office for review and evaluation. Design modifications are included in Appendix F.

Design change request 2010-001

The embankment design was amended to allow sand cell construction between Ch. 1+000 and 1+550 on the South Embankment.

Design change request 2010-002

The embankment design was amended to allow waste rock to be used for Zone U, provided there is a sufficient crest width for haul traffic, and waste rock is placed in maximum 2 m lifts compacted by haul traffic. Particles larger than 75mm (3") were also required to be removed from the Zone U/Zone S interface.

2.7 WATER MANAGEMENT

▲R1

The TSF is required to have sufficient live storage capacity for containment of storm water runoff from the 72-hour PMP volume of approximately 1,100,000 m³ at all times. The 72-hour PMP allowance is in addition to allowances as required for regular or seasonally adjusted inflow estimates from other sources i.e. precipitation, runoff, including snow melt during spring freshet. The runoff from the waste dumps is currently being routed to the Perimeter Embankment Seepage Collection Pond via a ditch constructed in 2008. Water from the Perimeter Embankment Seepage Collection Pond is then pumped to the TSF. The total freeboard requirement for the TSF is approximately 1.4 m. The tailings pond elevation is monitored on a regular basis to ensure that the stormwater and freeboard requirements are maintained during operations.

SECTION 3.0 - SUMMARY AND RECOMMENDATIONS

▲R1

Stage 6b of the Mount Polley Mine Tailings Storage Facility was constructed between November 2009 and August 2010. The Stage 6b construction program involved raising the TSF embankments to an elevation of 958 m, a 4 m increase in elevation from the Stage 6a crest of 954 m.

The Stage 6b construction program involved placing the following materials in the TSF Embankments.

- Zone U: Upstream shell zone – produced from coarse tailings in sand cells, or from rockfill
- Zone S: Core zone - fine grained glacial till
- Zone F: Filter, drainage zones, and chimney drain - processed sand and gravel
- Zone T: Transition filter zone - select well-graded fine-grained rockfill, and
- Zone C: Downstream shell zone – rockfill.

Technical supervision of the work by Knight Piésold included QA/QC testing and monitoring the existing vibrating wire piezometers and inclinometers. The QA/QC component involved collecting and testing Record and Control samples for Zones S, F and T. The in-situ density testing of compacted Zone S fill materials was completed using a nuclear densometer. The Zone F and T materials were compacted by a minimum number of passes by compaction equipment. The results of the QA/QC testwork indicate that the construction fill materials were placed and compacted within the required material specifications and were in accordance with the Stage 6b design of the TSF.

No additional piezometers were installed during the Stage 6b construction program. In total there are 56 operating piezometers in the TSF. The piezometers were measured on a weekly basis during the Stage 6b construction program. The inclinometers were measured at least twice a month using a Slope Indicator inclinometer probe. The results of the instrumentation monitoring show no unexpected or anomalous pore pressures were observed during the Stage 6b construction program. The slope inclinometer monitoring show no significant displacements measured during the construction program. The deformation of inclinometer SI01-02 at an approximate depth of 10 m below ground in the lacustrine silts was closely monitored. This inclinometer has not shown any significant deviations during the Stage 6b construction program.

It is recommended that the instrumentation replacement program (KP letter VA10-1175) be completed. This program will replace instrumentation that has been damage or failed over time. The program will increase understanding of the behavior and performance of the foundation soils under the dam and is an important aspect of the operational monitoring requirements.

The Zone C materials in the embankments were placed to a relatively steep downstream slope of 1.4H:1V. The buttress of Zone C material at the Main embankment has not been completely constructed as designed. It is recommended that a review of the stability is completed during the design of further embankment raises.

Regular monitoring of underdrain and seepage flows is required to confirm appropriate operating conditions for the TSF embankments. At present, it is operationally complex to monitor the seepage flows from the TSF and only one set of readings was collected in 2010. It is recommended that the procedures required to monitor the seepage flows be simplified to assist with the regular monitoring of the



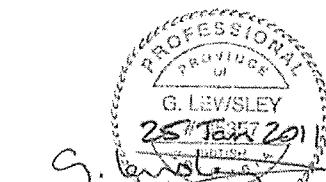
TSF seepage and underdrain flows. The underdrain and seepage flow monitoring frequency is required to be increased to comply with the Operations, Maintenance and Surveillance (OMS) Manual.



SECTION 4.0 - CERTIFICATION

This report was prepared, reviewed and approved by the undersigned.

Prepared:



Greg Lewsley, P.Eng.
Staff Engineer

Reviewed:

Greg Johnston, M.Sc.
Project Manager

Approved:

Ken Brouwer, P.Eng.
Managing Director

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TABLE 2.1

**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**

**STAGE 6B CONSTRUCTION PROGRAM
ZONE S CONTROL SAMPLES - SUMMARY**

Print Dec/15/10 15:00:48

| Sample ID | Atterberg Limits | | | MC | Particle Size Distribution (%Passing) | | | | Standard Proctor | | | | MC |
|------------------|------------------|-----------|-----------|------|---------------------------------------|---------------------------|------------------------------|------------------------|-------------------------------------|-------------|-----------------------------------|-------------|-----|
| | LL (%) | PL (%) | PI (%) | | Gravel >#4 (%) | Sand #4 to #200 (%) | Silt #200 to 0.002 (%) | Clay < 0.002 (%) | Uncorrected Max. D.D. (kg/m³) | Opt. M.C | Corrected Max. D.D. (kg/m³) | Opt. M.C | |
| C-S6b-ZS-01-2010 | - | - | - | 20.5 | 0 | 19 | 77 | 4 | 2000 | 10.5 | - | - | - |
| C-S6b-ZS-02-2010 | 20.0 | 14.0 | 6.0 | 12.9 | 22 | 29 | 41 | 9 | 2050 | 10.5 | 2140 | 9.0 | 3.9 |
| C-S6b-ZS-03-2010 | 18.5 | 16.3 | 2.2 | 9.3 | 25 | 31 | 37 | 8 | 2020 | 9.0 | 2120 | 7.5 | 1.8 |
| C-S6b-ZS-04-2010 | 19.8 | 13.8 | 6.0 | 12.7 | 10 | 32 | 46 | 13 | 2000 | 11.0 | 2040 | 10.5 | 2.2 |
| C-S6b-ZS-05-2010 | 22.3 | 14.7 | 7.6 | 12.7 | 23 | 28 | 35 | 14 | 2020 | 11.5 | 2120 | 9.5 | 3.2 |
| MEAN | 20.2 | 14.7 | 5.5 | 13.6 | 16 | 28 | 47 | 9 | 2018 | 10.5 | 2105 | 9.1 | 2.8 |
| MAXIMUM | 22.3 | 16.3 | 7.6 | 20.5 | 25 | 32 | 77 | 14 | 2050 | 11.5 | 2140 | 10.5 | 3.9 |
| MINIMUM | 18.5 | 13.8 | 2.2 | 9.3 | 0 | 19 | 35 | 4 | 2000 | 9.0 | 2040 | 7.5 | 1.8 |

M:\1101\00001\29\VA\Report1 - Stage 6b Construction Report\Tables\TABLE 2.1 (ZS Control Samples Summary).xls\TABLE 2.1

| 0 | 26JUL'10 | ISSUED WITH REPORT VA101-1/29-1 | GL | GU | KJB |
|-----|----------|---------------------------------|-------|-------|-------|
| REV | DATE | DESCRIPTION | PREPD | CHK'D | APP'D |

TABLE 2.2

**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**

**STAGE 6B CONSTRUCTION PROGRAM
ZONE S RECORD SAMPLES - SUMMARY**

Print Dec/08/10 11:05:31

| Sample ID | Atterberg Limits | | | MC | Particle Size Distribution (%Passing) | | | | Standard Proctor | | | | MC |
|--------------------|------------------|-----------|-----------|------|---------------------------------------|------|------|------|--|-------------|--|-------------|------|
| | LL (%) | PL (%) | PI (%) | | Gravel | Sand | Silt | Clay | Uncorrected Max. D.D. (kg/m ³) | Opt. M.C | Corrected Max. D.D. (kg/m ³) | Opt. M.C | |
| R-S6b-ZS-01-2010 | - | - | - | 14.1 | 24 | 27 | 26 | 24 | 1940 | 13.0 | 2030 | 11.0 | 3.1 |
| R-S6b-ZS-02-2010 | 19.5 | 14.9 | 4.6 | 9.0 | 28 | 33 | 38 | 1 | 2070 | 9.0 | 2190 | 7.0 | 2.0 |
| R-S6b-ZS-2(b)-2010 | - | - | - | 9.0 | 25 | 33 | 39 | 3 | 2080 | 9.5 | 2170 | 8.0 | 1.0 |
| R-S6b-ZS-04-2010 | - | - | - | 10.6 | 21 | 30 | 37 | 13 | 2050 | 10.5 | 2130 | 9.0 | 1.6 |
| R-S6b-ZS-05-2010 | 21.7 | 14.8 | 6.9 | 9.9 | 27 | 32 | 31 | 11 | 2020 | 11.0 | 2140 | 8.5 | 1.4 |
| R-S6b-ZS-06-2010 | 21.8 | 14.0 | 7.8 | 11.3 | 31 | 27 | 35 | 8 | 1990 | 10.0 | 2120 | 8.0 | 3.3 |
| R-S6b-ZS-07-2010 | 19.3 | 15.9 | 3.4 | 13.1 | 19 | 29 | 43 | 9 | 2000 | 11.5 | 2080 | 10.0 | 3.1 |
| R-S6b-ZS-08-2010 | 20.7 | 15.5 | 5.2 | 9.5 | 23 | 25 | 38 | 14 | 1990 | 12.0 | 2080 | 10.0 | -0.5 |
| R-S6b-ZS-09-2010 | 19.3 | 12.9 | 6.4 | 8.4 | 25 | 24 | 39 | 12 | 2040 | 11.0 | 2140 | 9.0 | -0.6 |
| R-S6b-ZS-10-2010 | 20.0 | 15.6 | 4.4 | 9.7 | 25 | 22 | 35 | 18 | 1960 | 12.0 | 2070 | 10.0 | -0.3 |
| R-S6b-ZS-11-2010 | 19.4 | 13.3 | 6.1 | 9.0 | 21 | 32 | 31 | 17 | 2000 | 12.0 | 2110 | 10.0 | -1.0 |
| R-S6b-ZS-12-2010 | 21.6 | 16.5 | 5.1 | 8.0 | 27 | 28 | 39 | 6 | 2030 | 11.0 | 2140 | 9.0 | -1.0 |
| MEAN | 20.4 | 14.8 | 5.5 | 10.1 | 24.6 | 28.4 | 35.8 | 11.2 | 2014 | 11.0 | 2117 | 9.1 | 1.0 |
| MAXIMUM | 21.8 | 16.5 | 7.8 | 14.1 | 30.9 | 33.1 | 42.6 | 23.7 | 2080 | 13.0 | 2190 | 11.0 | 3.3 |
| MINIMUM | 19.3 | 12.9 | 3.4 | 8.0 | 19.1 | 22.0 | 26.3 | 0.9 | 1940 | 9.0 | 2030 | 7.0 | -1.0 |

M:\11010000129\VA\Report\1 - Stage 6b Construction Report\Tables\TABLE 2.2 (ZS Record Samples Summary).xls\TABLE 2.2

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| REV | DATE | DESCRIPTION | PREPD | CHK'D | APRD |

TABLE 2.3

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY PROJECT

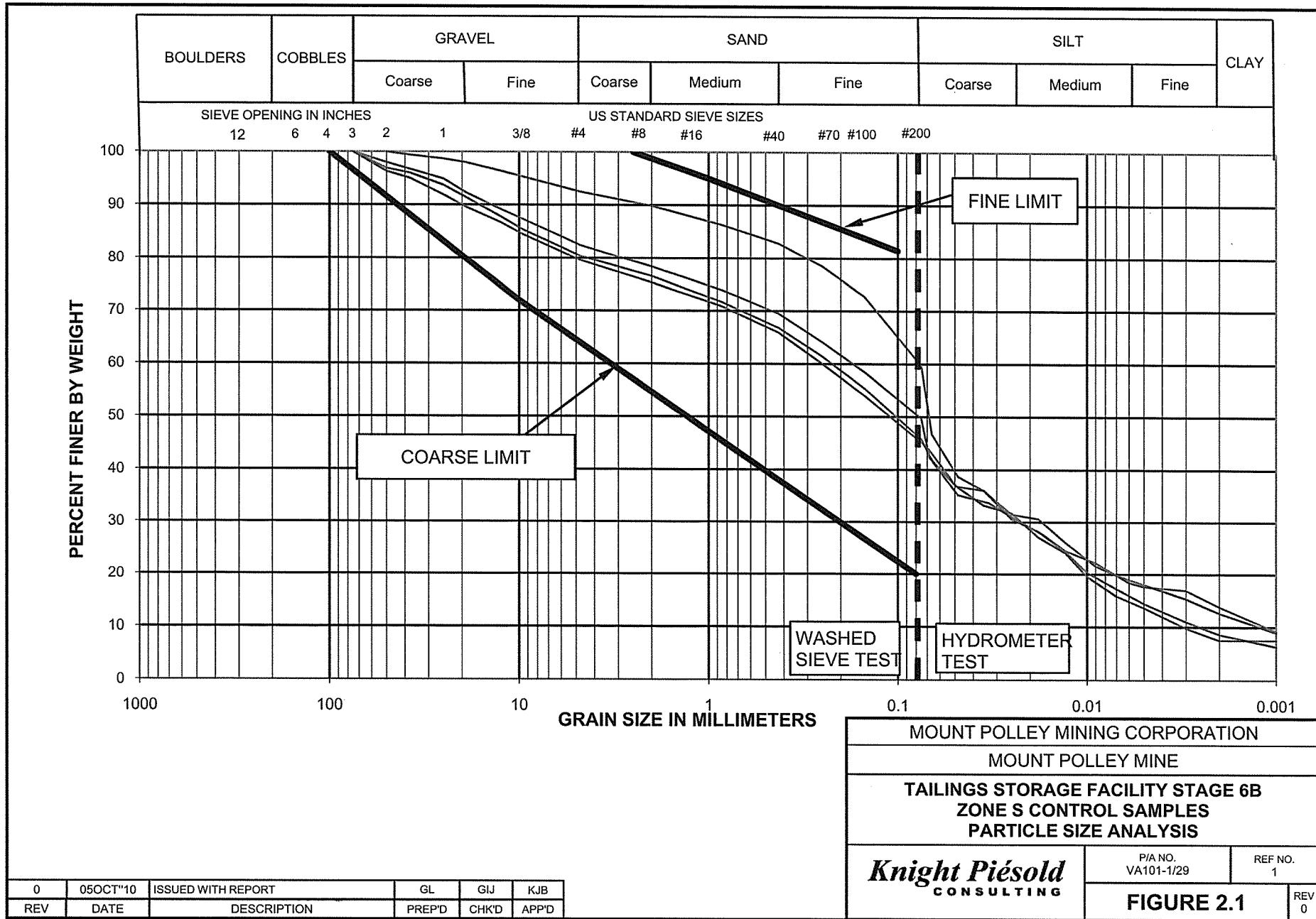
TAILINGS STORAGE FACILITY
EMBANKMENT FOUNDATION PIEZOMETERS

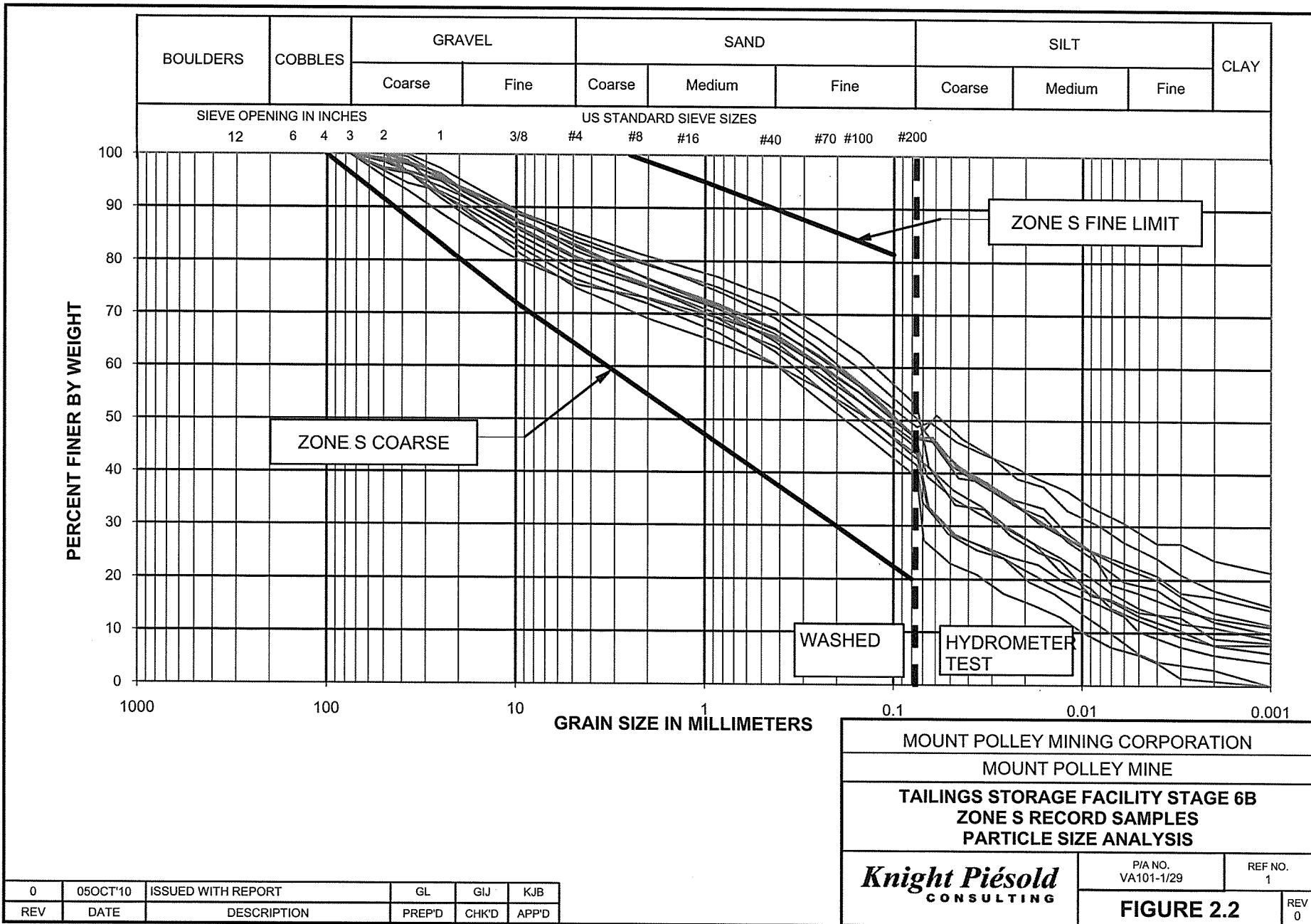
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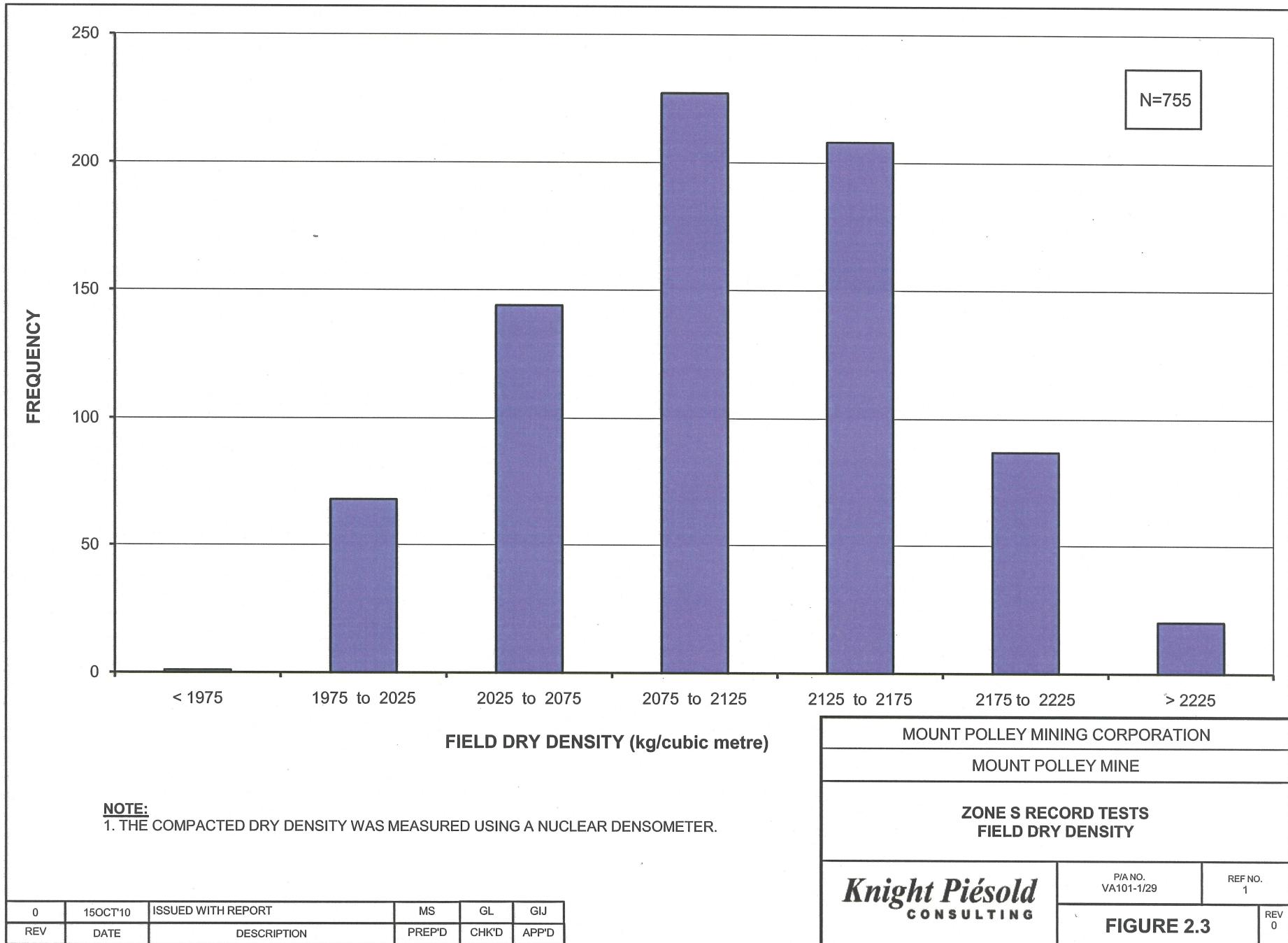
| Piezometer | Piezometer Elevation (m) | Surface Elevation (m) | August 2010 Pressure Elevation (m) | August 2010 Artesian Pressure (m) |
|------------|-----------------------------|--------------------------|--|---|
| A2-PE2-01 | 903.68 | 912.67 | No Longer Functioning | - |
| A2-PE2-02 | 909.77 | 912.67 | No Longer Functioning | - |
| A2-PE2-06 | 898.01 | 912.91 | No Longer Functioning | - |
| A2-PE2-07 | 902.81 | 912.91 | No Longer Functioning | - |
| A2-PE2-08 | 907.56 | 913.36 | No Longer Functioning | - |
| B2-PE1-03 | 914.05 | 915.55 | 915.92 | 0.37 |
| B2-PE2-01 | 901.98 | 916.98 | No Longer Functioning | - |
| B2-PE2-02 | 909.51 | 916.98 | 919.15 | 2.17 |
| B2-PE2-06 | 914.59 | 916.89 | No Longer Functioning | - |
| C2-PE1-03 | 912.59 | - | No Longer Functioning | - |
| C2-PE2-02 | 910.53 | 915.71 | 916.71 | 1.00 |
| C2-PE2-06 | 906.84 | 915.99 | 914.74 | -1.25 |
| C2-PE2-07 | 912.29 | 915.99 | No Longer Functioning | - |
| C2-PE2-08 | 914.03 | 915.99 | 914.77 | -1.22 |
| D2-PE2-02 | 927.32 | 930.92 | 930.89 | -0.03 |
| E2-PE2-01 | 914.21 | 918.81 | 917.27 | -1.54 |
| E2-PE2-02 | 909.66 | 918.81 | 916.74 | -2.07 |

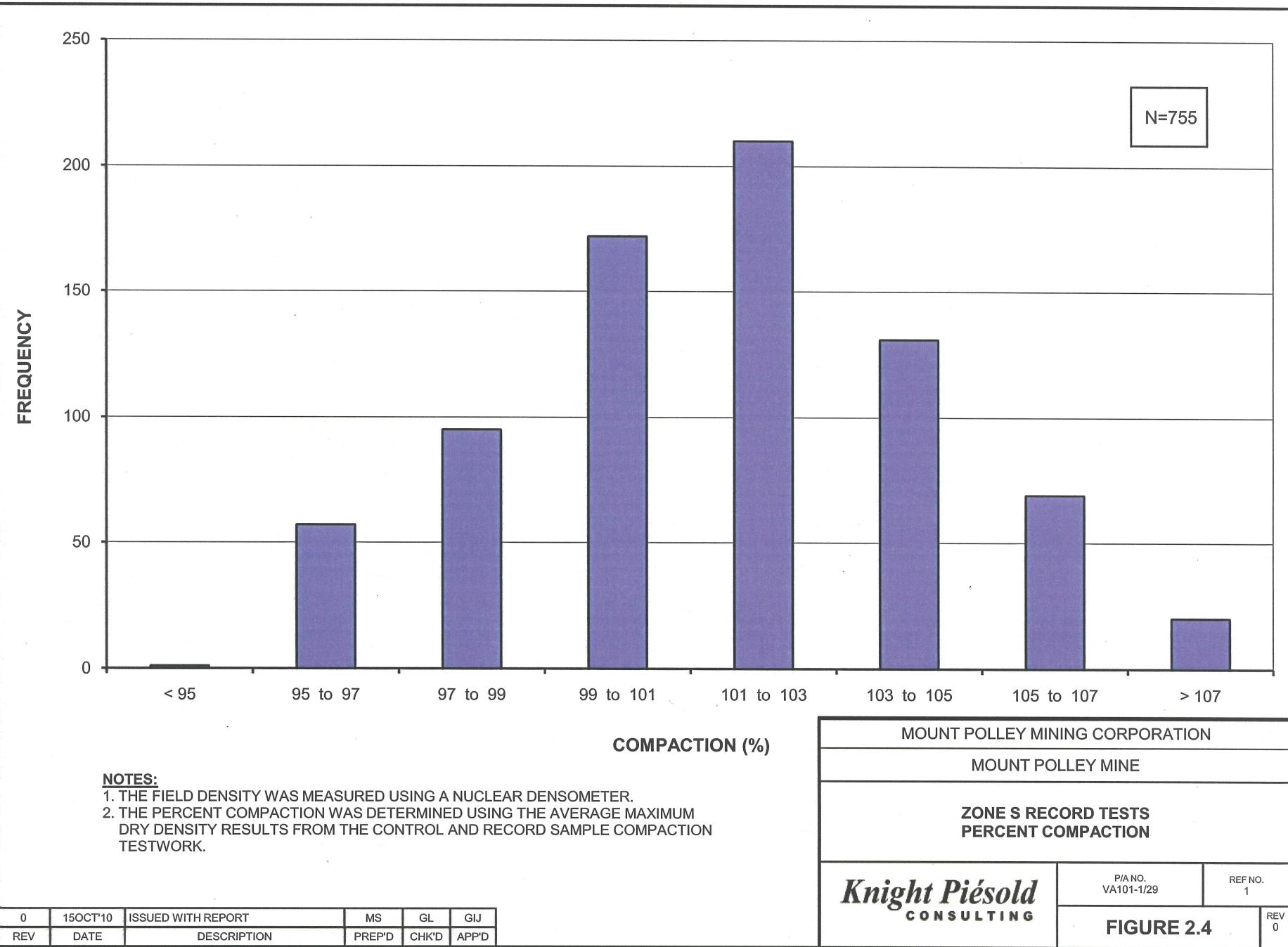
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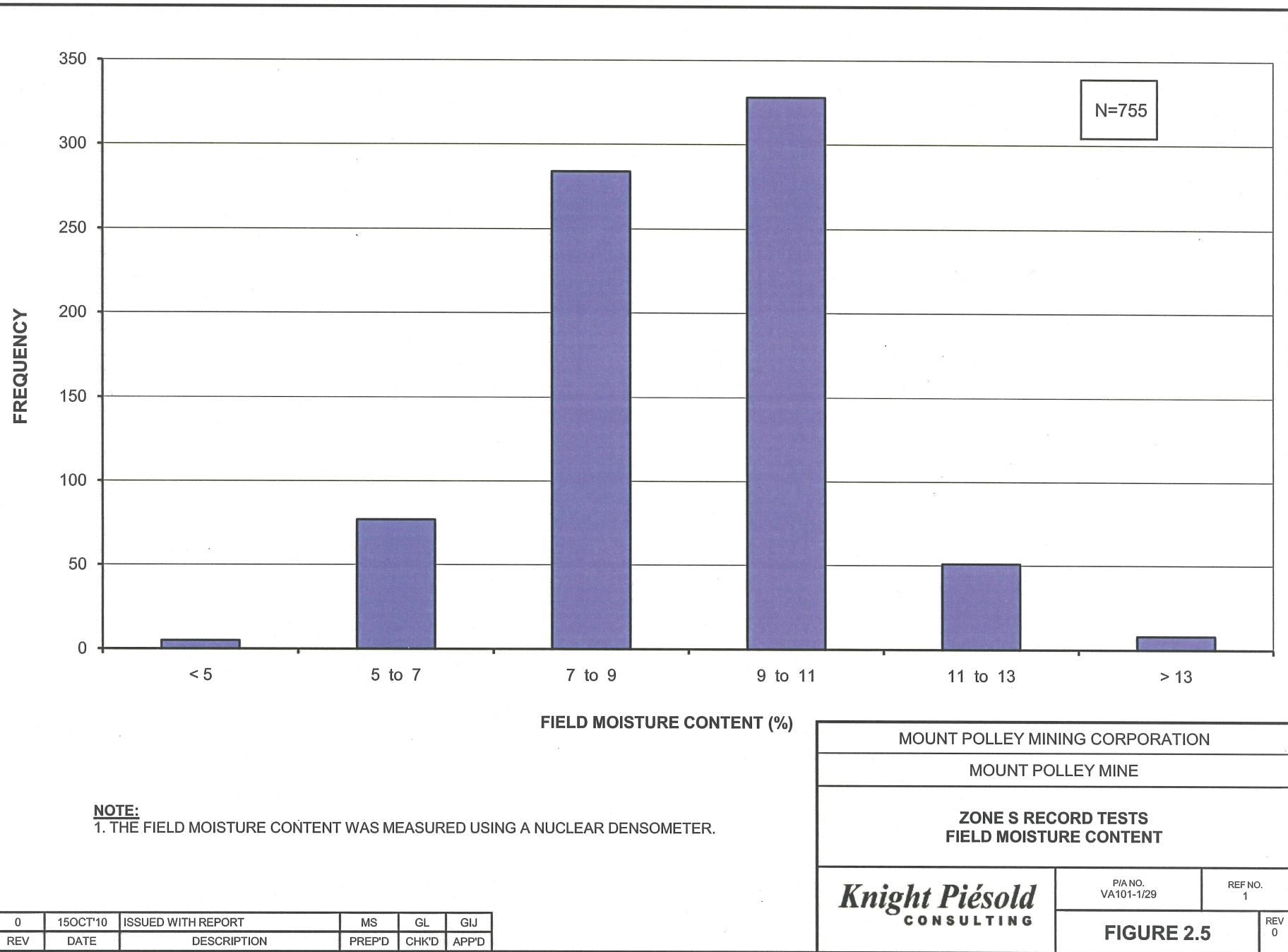
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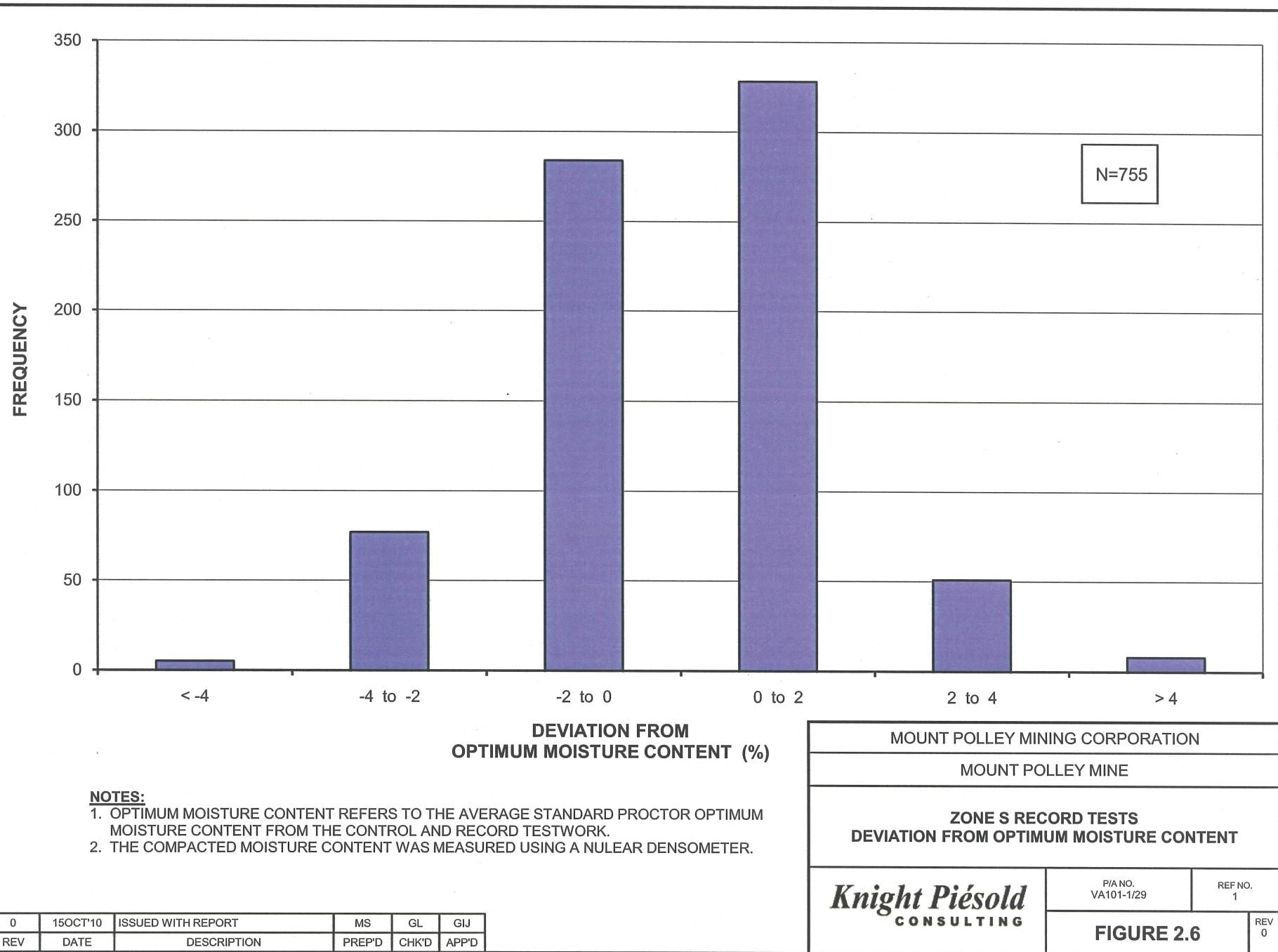


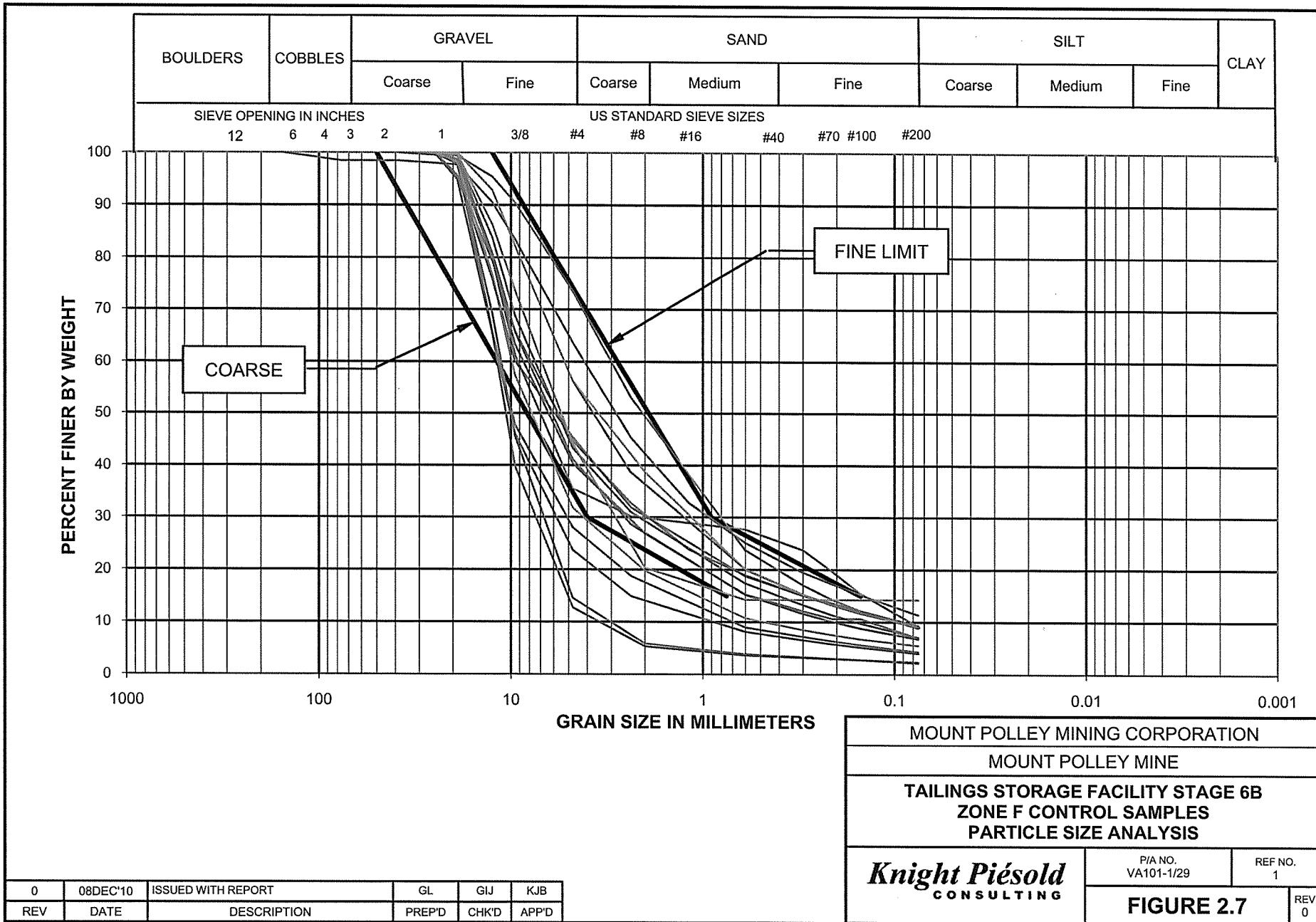


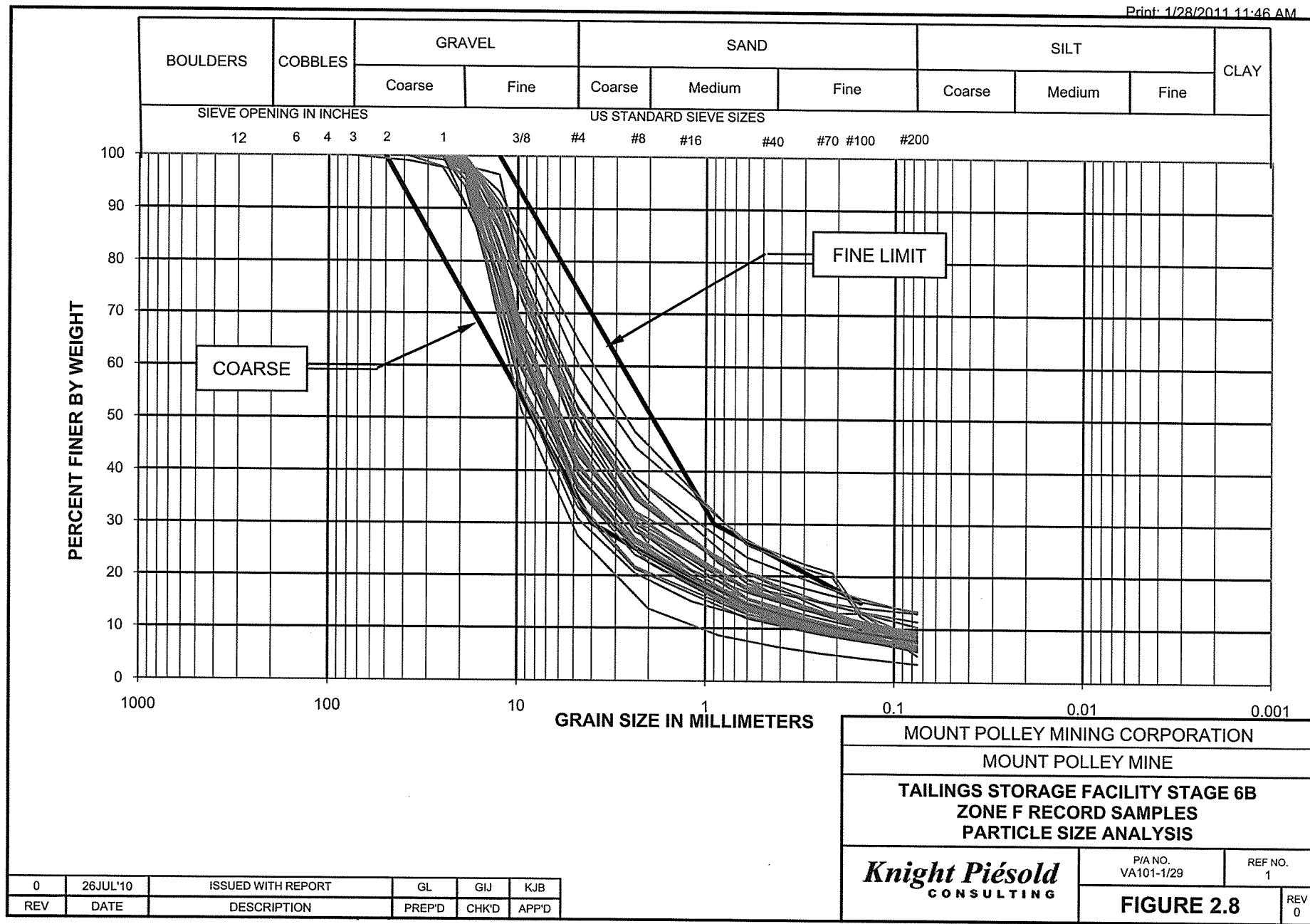


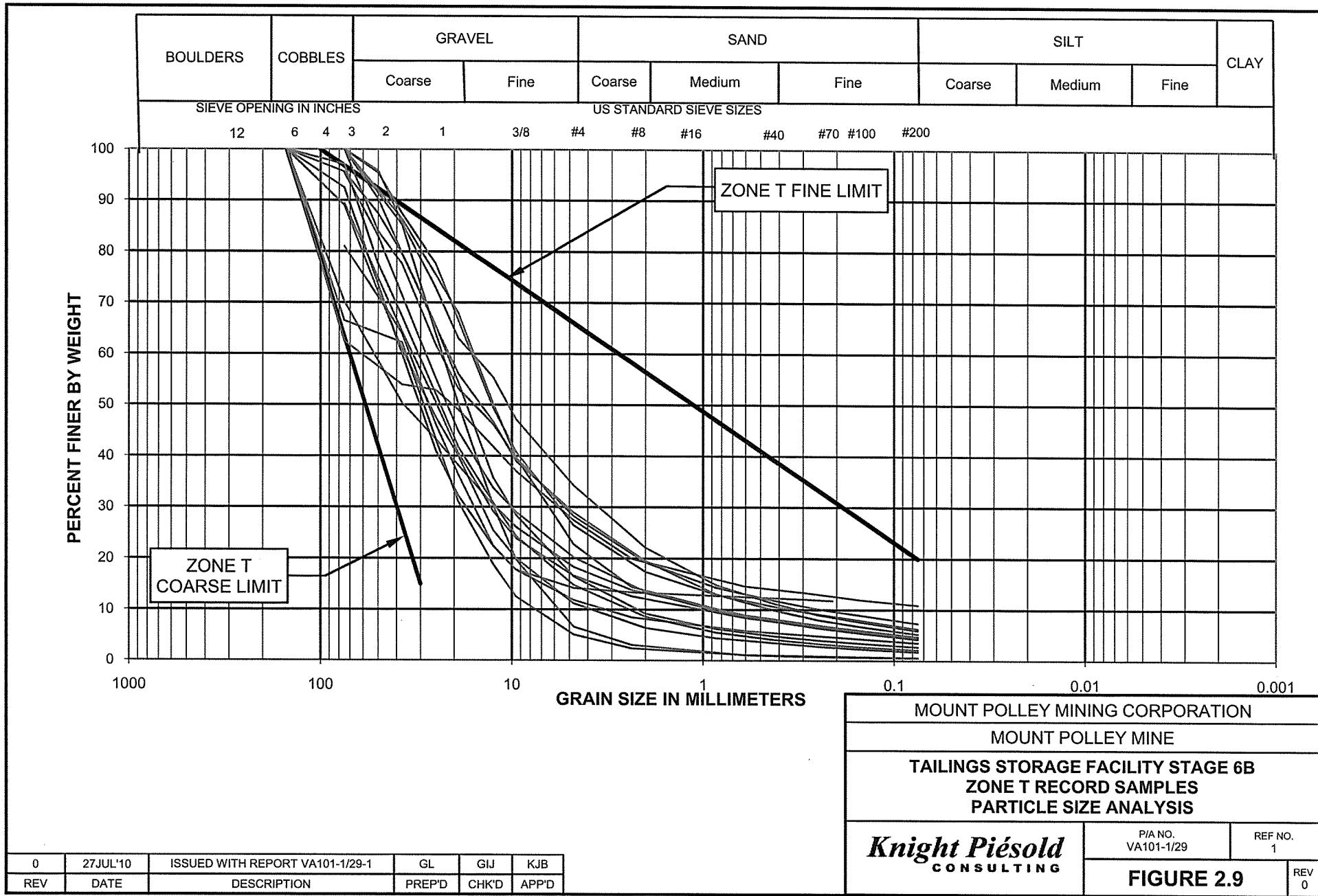


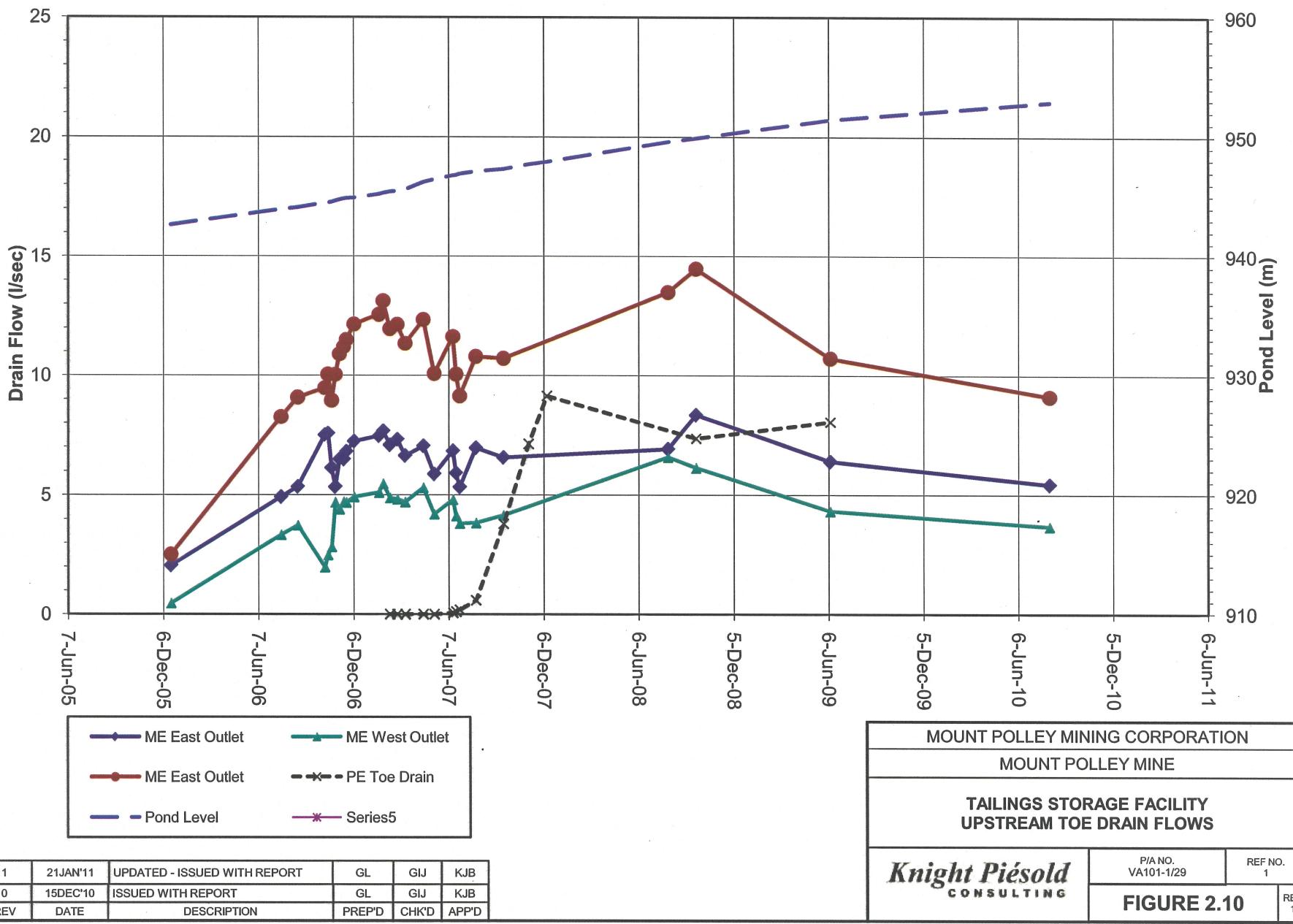


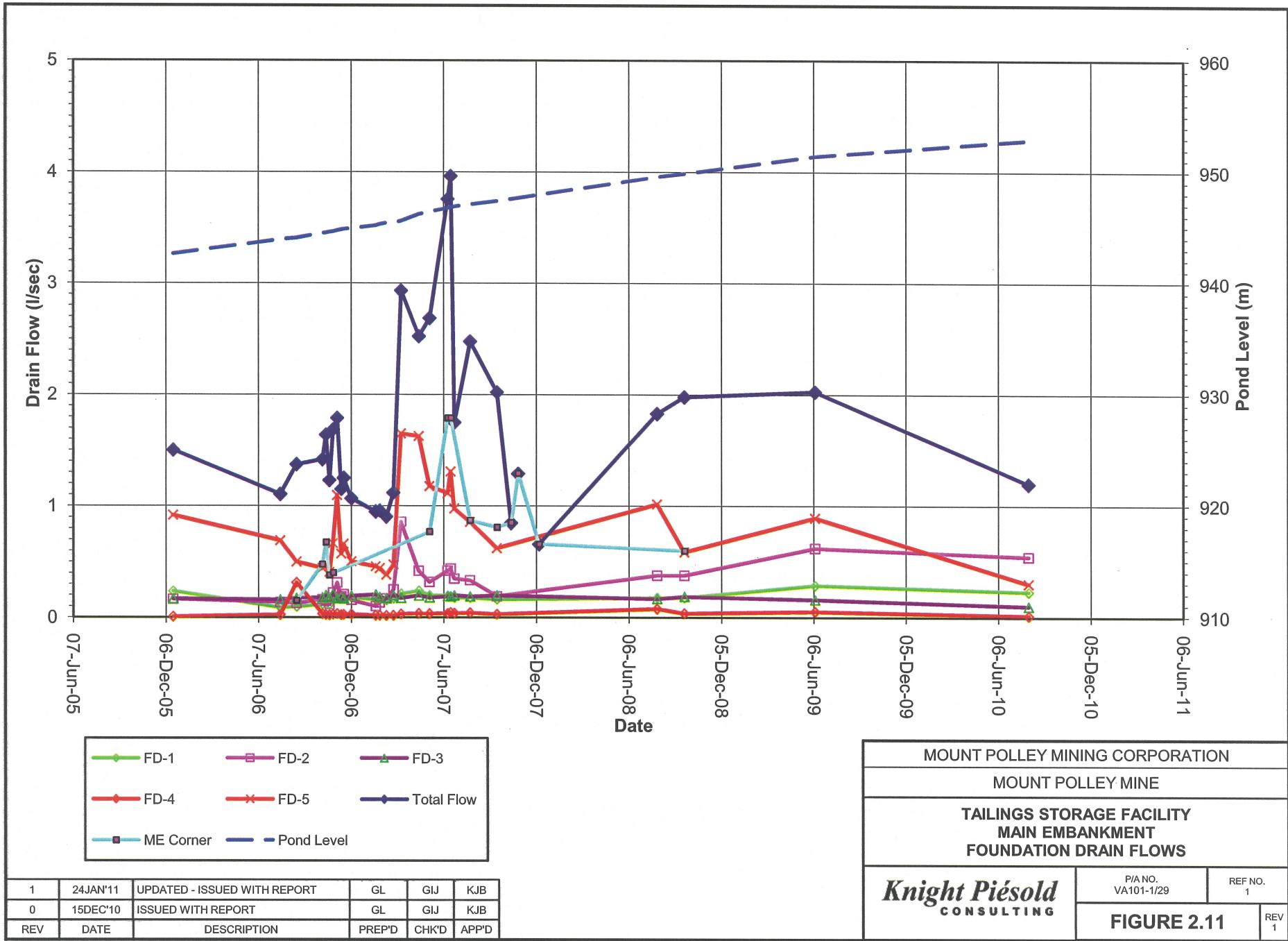


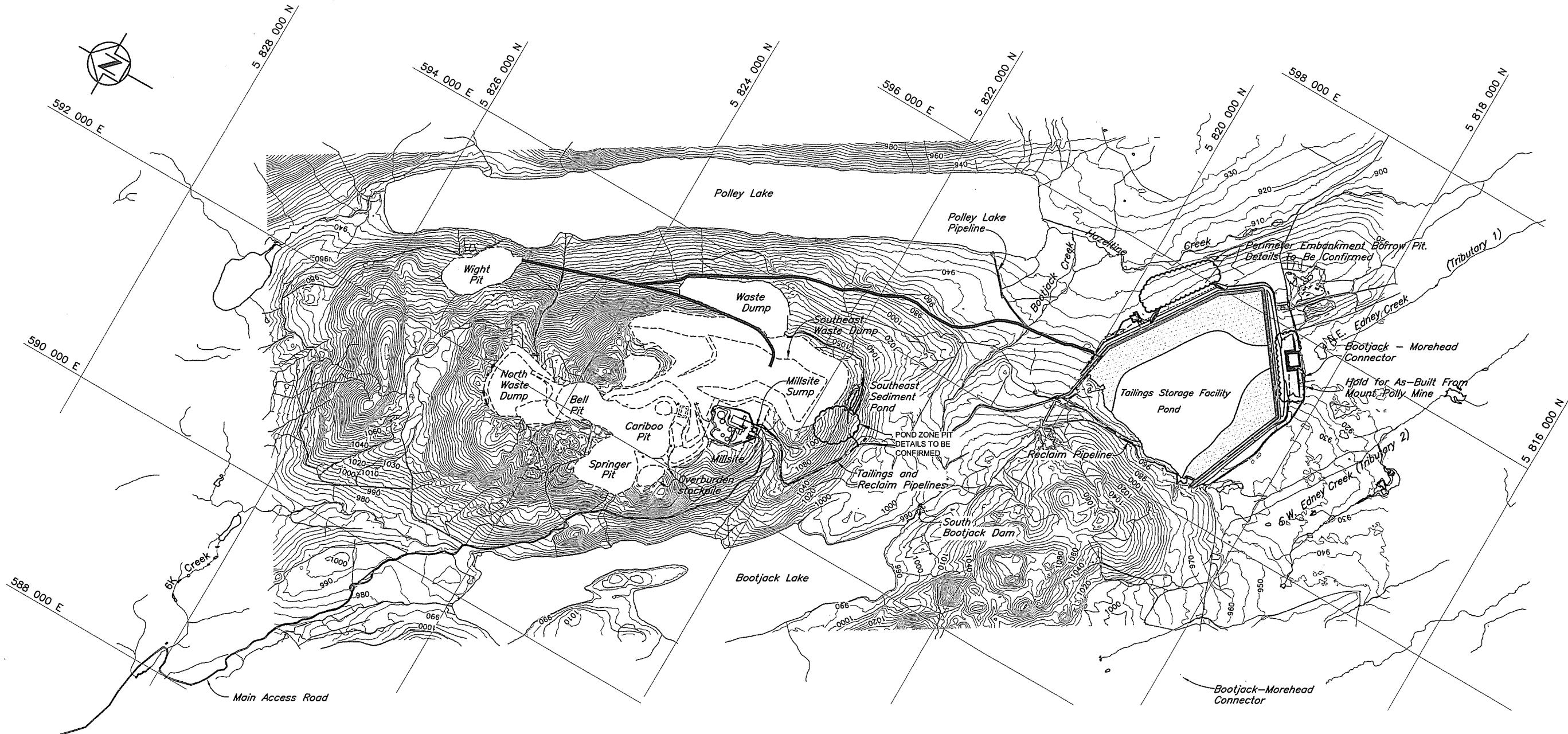












AS-BUILT

Scale 400 0 400 800 1200 1600 2000 m

NOTES

1. Open Pits and Waste Dumps are shown in their final configurations.
2. Topography from 2004 flyover. UTM, NAD83, ZONE 10.
3. Drawing is for reference only.

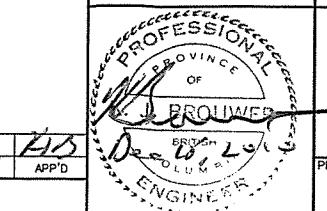
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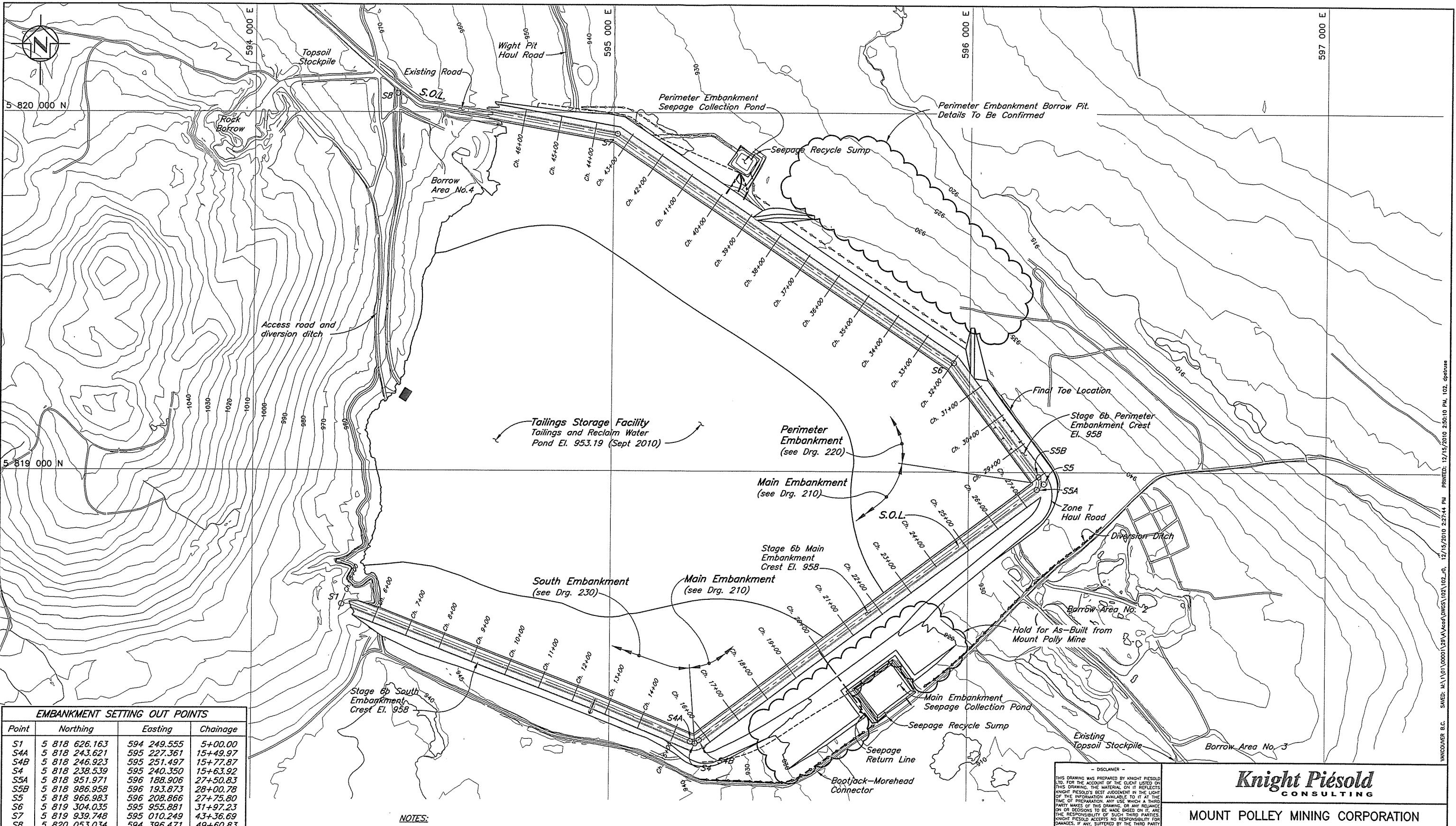
MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
STAGE 6b TAILINGS EMBANKMENT
OVERALL SITE PLAN



| | | |
|------------------------|-------------|----------|
| PROJECT/ASSIGNMENT NO. | DRAWING NO. | REVISION |
| VA101-1/29 | 100 | 0 |

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|----------|--------------------|------|------|---|--------|-------|-------|-------|------|--------|-----------|
| | | | | DESCRIPTION | DESIGN | DRAWN | CHK'D | APP'D | REV. | DATE | |
| | REFERENCE DRAWINGS | | | REVISIONS | | | | | | | REVISIONS |



AS-BUILT

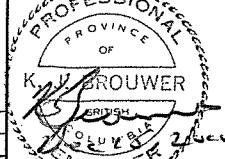
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MOUNT POLLEY MINE

**TAILINGS STORAGE FACILITY
STAGE 6b TAILINGS EMBANKMENT
GENERAL ARRANGEMENT**

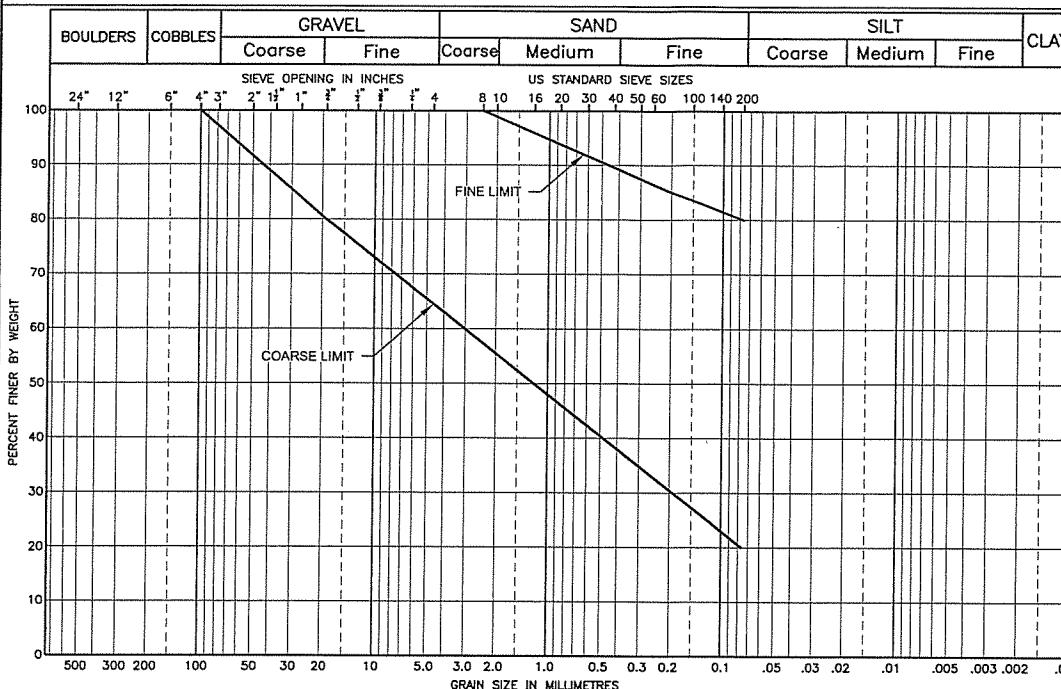


| | |
|--|---|
| 220 | T.S.F. - STAGE 6b PERIMETER EMBANKMENT - PLAN |
| 210 | T.S.F. - STAGE 6b MAIN EMBANKMENT - PLAN |
| 230 | T.S.F. - STAGE 6b SOUTH EMBANKMENT - PLAN AND SECTION |
| DRG. NO. DESCRIPTION REV. DATE DESCRIPTION DESIGN DRAWN CHK'D APP'D REV. DATE DESCRIPTION DESIGN DRAWN CHK'D APP'D | |
| REFERENCE DRAWINGS | |
| REVISIONS | |

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| 0 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | DP | CJL | KJS |
| 0 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | DP | CJL | KJS |

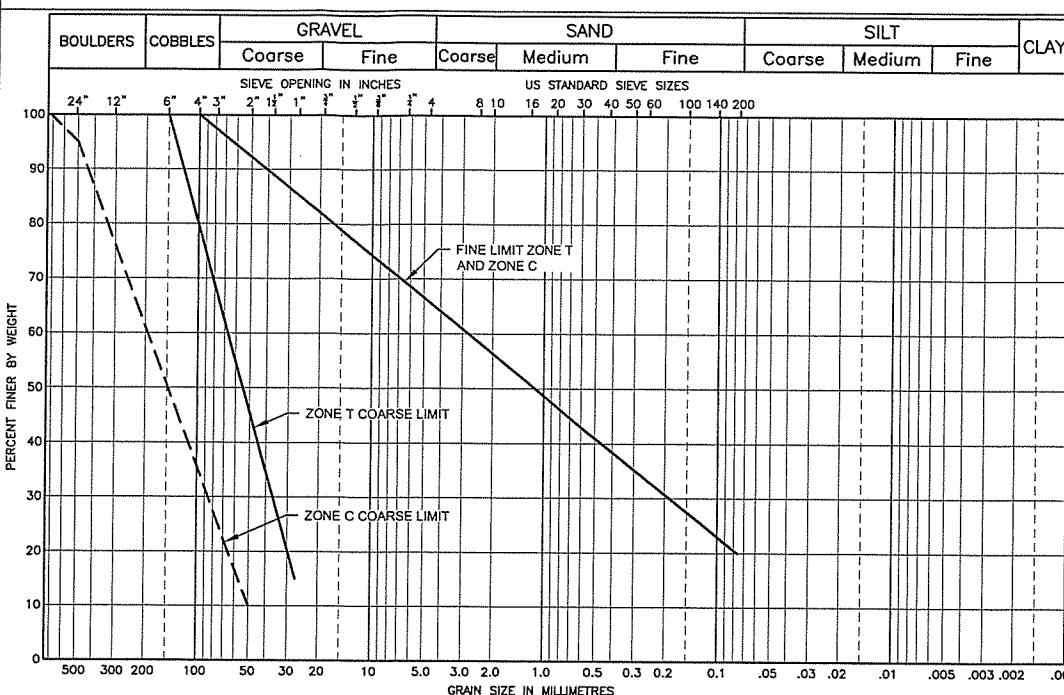
UNIFIED SOIL CLASSIFICATION SYSTEM

ZONE S



UNIFIED SOIL CLASSIFICATION SYSTEM

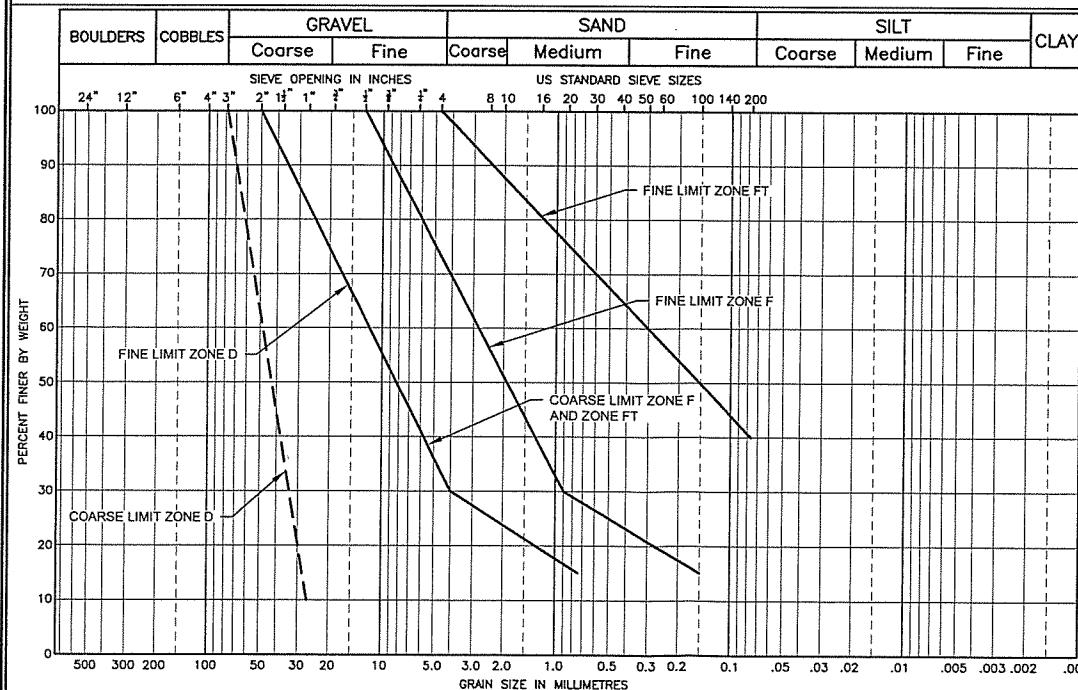
ZONE T and ZONE C



| ZONE | MATERIAL TYPE | LOCATION | PLACEMENT & COMPACTION REQUIREMENTS |
|------|------------------------|--------------------------------|--|
| S | GLACIAL TILL | CORE ZONE | PLACED, MOISTURE CONDITIONED AND SPREAD IN MAXIMUM 300 MM THICK LAYERS (AFTER COMPACTION). VIBRATORY COMPACTION TO 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY OR AS APPROVED BY THE ENGINEER. |
| C | ROCK | SHELL ZONE | PLACED AND SPREAD IN MAXIMUM 2000 MM THICK LAYERS AND COMPACTED BY SELECTIVE ROUTING OF MINE HAUL TRUCKS. |
| T | ROCK | TRANSITION ZONE/CONFINING BERM | PLACED AND SPREAD IN MAXIMUM 600 MM THICK LAYERS AND COMPACTED WITH MINIMUM 4 PASSES OF 10 TON SMOOTH DRUM VIBRATORY ROLLER, OR AS APPROVED BY THE ENGINEER. |
| F | FILTER SAND | FILTER ZONE | PLACED AND SPREAD IN MAXIMUM 600 MM THICK LAYERS AND COMPACTED WITH MINIMUM 4 PASSES OF 10 TON SMOOTH DRUM VIBRATORY ROLLER, OR AS APPROVED BY THE ENGINEER. |
| FT | SAND | DOWNTREAM FOUNDATION | PLACED AND SPREAD IN MAXIMUM 300 MM THICK LAYERS AND COMPACTED WITH MINIMUM 4 PASSES OF 10 TON SMOOTH DRUM VIBRATORY ROLLER, OR AS APPROVED BY THE ENGINEER. |
| U | SELECT FILL | UPSTREAM TOE | PLACEMENT AND COMPACTION REQUIREMENTS TO BE DETERMINED BASED ON MATERIAL SELECTION. |
| CBL | SELECT COARSE ROCKFILL | UPSTREAM TOE | PLACED TO ESTABLISH A FIRM FOUNDATION FOR SUBSEQUENT FILL PLACEMENT. |
| D | DRAINAGE GRAVEL | DRAINS | PLACED AROUND DRAINAGE PIPES AND WRAPPED WITH GEOTEXTILE. |

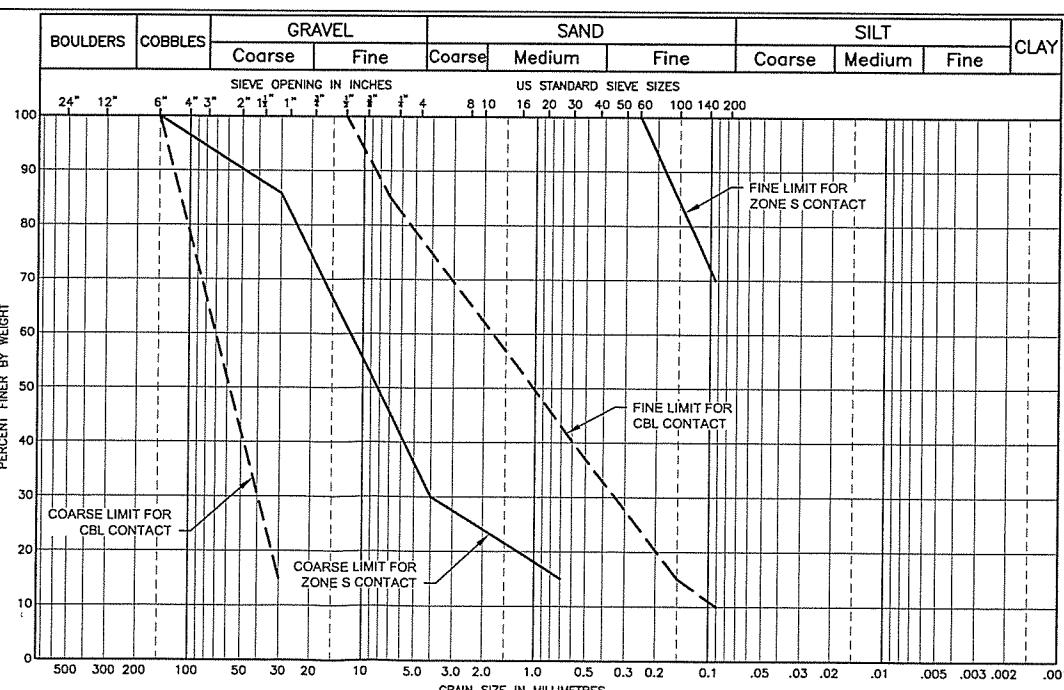
UNIFIED SOIL CLASSIFICATION SYSTEM

ZONE F AND ZONE FT



UNIFIED SOIL CLASSIFICATION SYSTEM

ZONE U



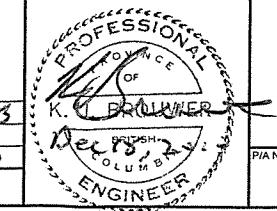
AS-BUILT

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MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

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TAILINGS STORAGE FACILITY
STAGE 6B TAILINGS EMBANKMENT
MATERIAL SPECIFICATIONS

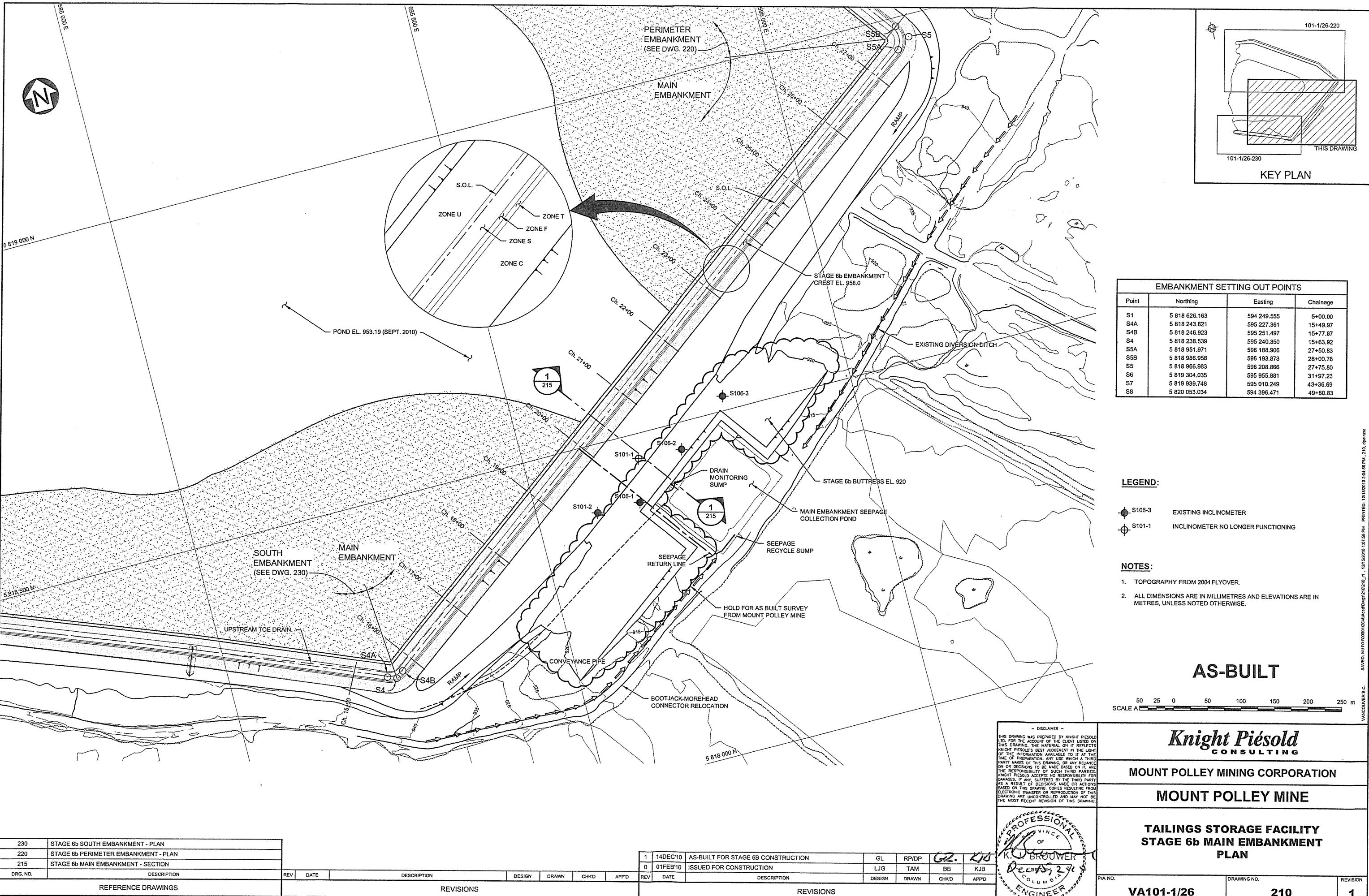
P/A NO. VA101-1/26 DRAWING NO. 104 REVISION 1

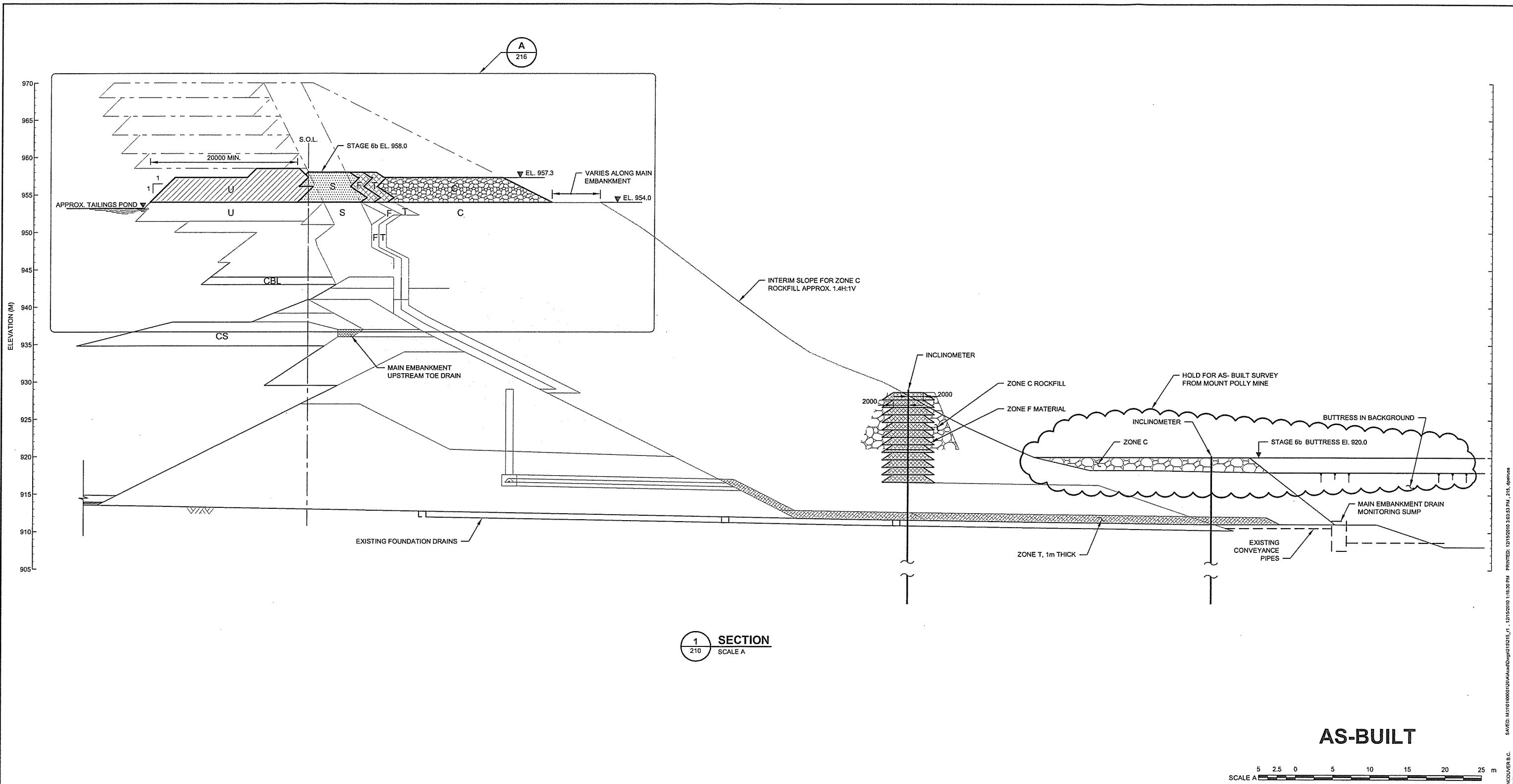
| | |
|----------|--|
| 235/236 | STAGE 6b SOUTH EMBANKMENT - SECTIONS AND DETAILS |
| 225/226 | STAGE 6b PERIMETER EMBANKMENT - SECTIONS AND DETAILS |
| 215/216 | STAGE 6b MAIN EMBANKMENT - SECTIONS AND DETAILS |
| DRG. NO. | DESCRIPTION |
| | REFERENCE DRAWINGS |

| REV. | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD | REV. | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD |
|------|----------|-------------------------|--------|-------|------|------|------|------|-------------|--------|-------|------|------|
| 0 | 01FEB'10 | ISSUED FOR CONSTRUCTION | | | | | LJG | | TAM | BB | KJB | | |

REVISIONS

REVISIONS





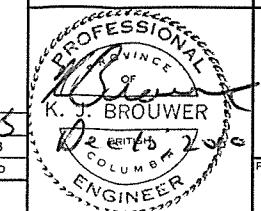
| | |
|----------|-----------------------------------|
| 216 | STAGE 6b MAIN EMBANKMENT - DETAIL |
| 210 | STAGE 6b MAIN EMBANKMENT - PLAN |
| 104 | MATERIAL SPECIFICATIONS |
| DRG. NO. | DESCRIPTION |
| | REFERENCE DRAWINGS |

| 1 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | RP/DP | CJ. | KJS |
|--------------------|-----------|------------------------------------|-----------|-----------|-----------|-----------|
| 0 | 01FEB'10 | ISSUED FOR CONSTRUCTION | LJG | TAM | BB | KJB |
| REVISIONS | REVISIONS | REVISIONS | REVISIONS | REVISIONS | REVISIONS | REVISIONS |
| REFERENCE DRAWINGS | | | | | | |

NOTES:

- FOR MATERIAL SPECIFICATIONS AND LEGEND SEE DRG. 104.
- ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
- STAGE 6b CONSTRUCTION TO 958.0 m COMPLETED AUGUST 2010

- DISCLAIMER -
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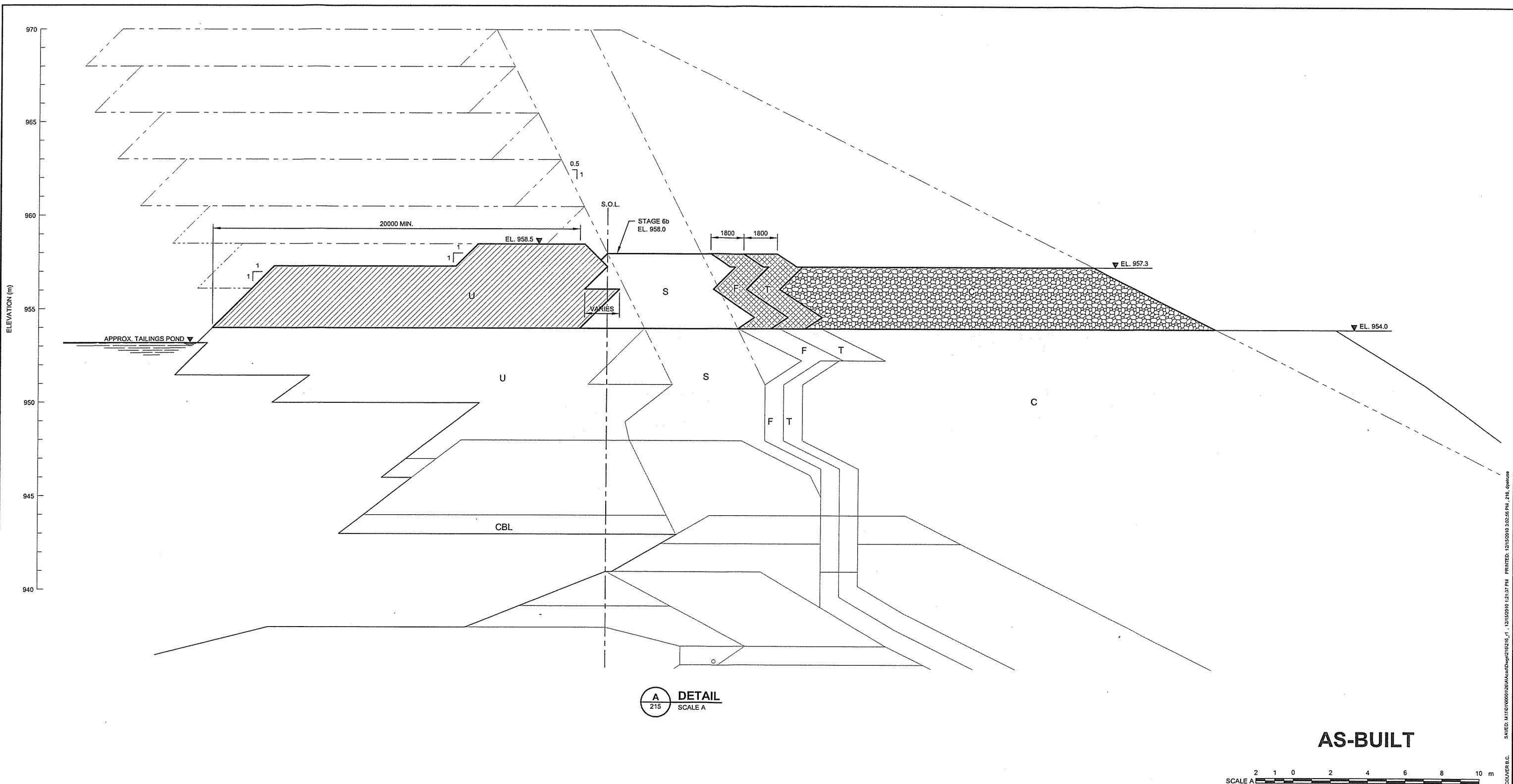
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CONSULTING

MOUNT POLLEY MINE

MOUNT POLLEY MINE

**TAILINGS STORAGE FACILITY
STAGE 6b MAIN EMBANKMENT
SECTION**

P/A NO. **VA101-1/26** DRAWING NO. **215** REVISION **1**



NOTES:

1. FOR MATERIAL SPECIFICATIONS AND LEGEND SEE DRG. 104.
2. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. STAGE 6b CONSTRUCTION TO 958.0 m COMPLETED AUGUST 2010

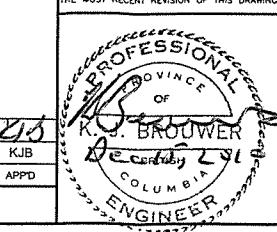
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MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
STAGE 6b MAIN EMBANKMENT
DETAIL

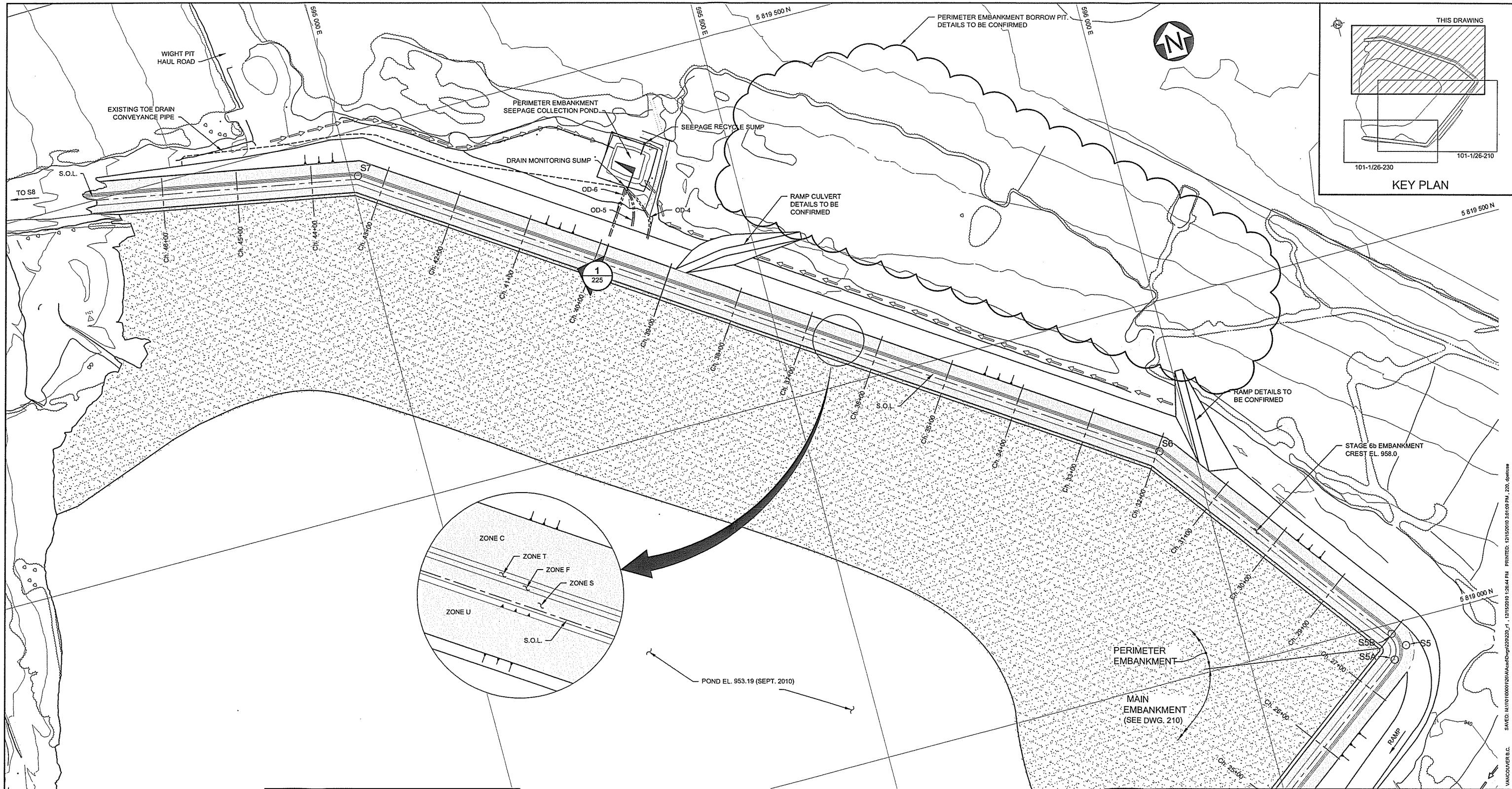


P/I NO. VA101-1/26 DRAWING NO. 216 REVISION 1

| | |
|----------|------------------------------------|
| 215 | STAGE 6b MAIN EMBANKMENT - SECTION |
| 210 | STAGE 6b MAIN EMBANKMENT - PLAN |
| 104 | MATERIAL SPECIFICATIONS |
| DRG. NO. | DESCRIPTION |
| | REFERENCE DRAWINGS |

| 1 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | VJG/DP | G7. | Z13 |
|---|----------|------------------------------------|-----|--------|-----|-----|
| 0 | 01FEB'10 | ISSUED FOR CONSTRUCTION | LJG | TAM | BB | KJB |

REVISIONS



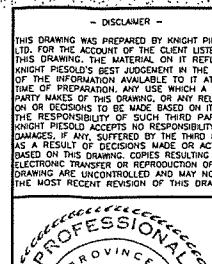
| EMBANKMENT SETTING OUT POINTS | | | |
|-------------------------------|---------------|-------------|----------|
| Point | Northing | Easting | Chainage |
| S1 | 5 818 626.163 | 594 249.555 | 5+00.00 |
| S4A | 5 818 243.621 | 595 227.361 | 15+49.97 |
| S4B | 5 818 246.923 | 595 251.497 | 15+77.87 |
| S4 | 5 818 236.539 | 595 240.350 | 15+63.92 |
| S5A | 5 818 951.971 | 596 188.906 | 27+50.83 |
| S5B | 5 818 966.958 | 596 193.873 | 28+00.78 |
| S5 | 5 818 966.983 | 596 208.866 | 27+75.80 |
| S6 | 5 819 304.035 | 595 955.881 | 31+97.23 |
| S7 | 5 819 939.748 | 595 010.249 | 43+36.69 |
| S8 | 5 820 053.034 | 594 396.471 | 49+60.83 |

NOTES:

- TOPOGRAPHY FROM 2004 FLYOVER.
- ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.

AS-BUILT

SCALE A 50 25 0 50 100 150 200 250 m



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MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
STAGE 6b PERIMETER EMBANKMENT
PLAN

| | | | | | | |
|---|----------|------------------------------------|-----|-----|-----|-----|
| 1 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | RP | G52 | KJB |
| 0 | 01FEB'10 | ISSUED FOR CONSTRUCTION | LJG | TAM | BB | KJB |

| DRG. NO. | DESCRIPTION | REV. | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD | REV. | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD |
|----------|---|------|------|-------------|--------|-------|------|------|------|------|-------------|--------|-------|------|------|
| 230 | STAGE 6b SOUTH EMBANKMENT - PLAN | | | | | | | | | | | | | | |
| 225 | STAGE 6b PERIMETER EMBANKMENT - SECTION | | | | | | | | | | | | | | |
| 210 | STAGE 6b MAIN EMBANKMENT - PLAN | | | | | | | | | | | | | | |

| REF FILE(S) | IMAGE FILE(S) |
|-------------|---|
| 230 | STAGE 6b SOUTH EMBANKMENT - PLAN |
| 225 | STAGE 6b PERIMETER EMBANKMENT - SECTION |
| 210 | STAGE 6b MAIN EMBANKMENT - PLAN |
| DRG. NO. | DESCRIPTION |

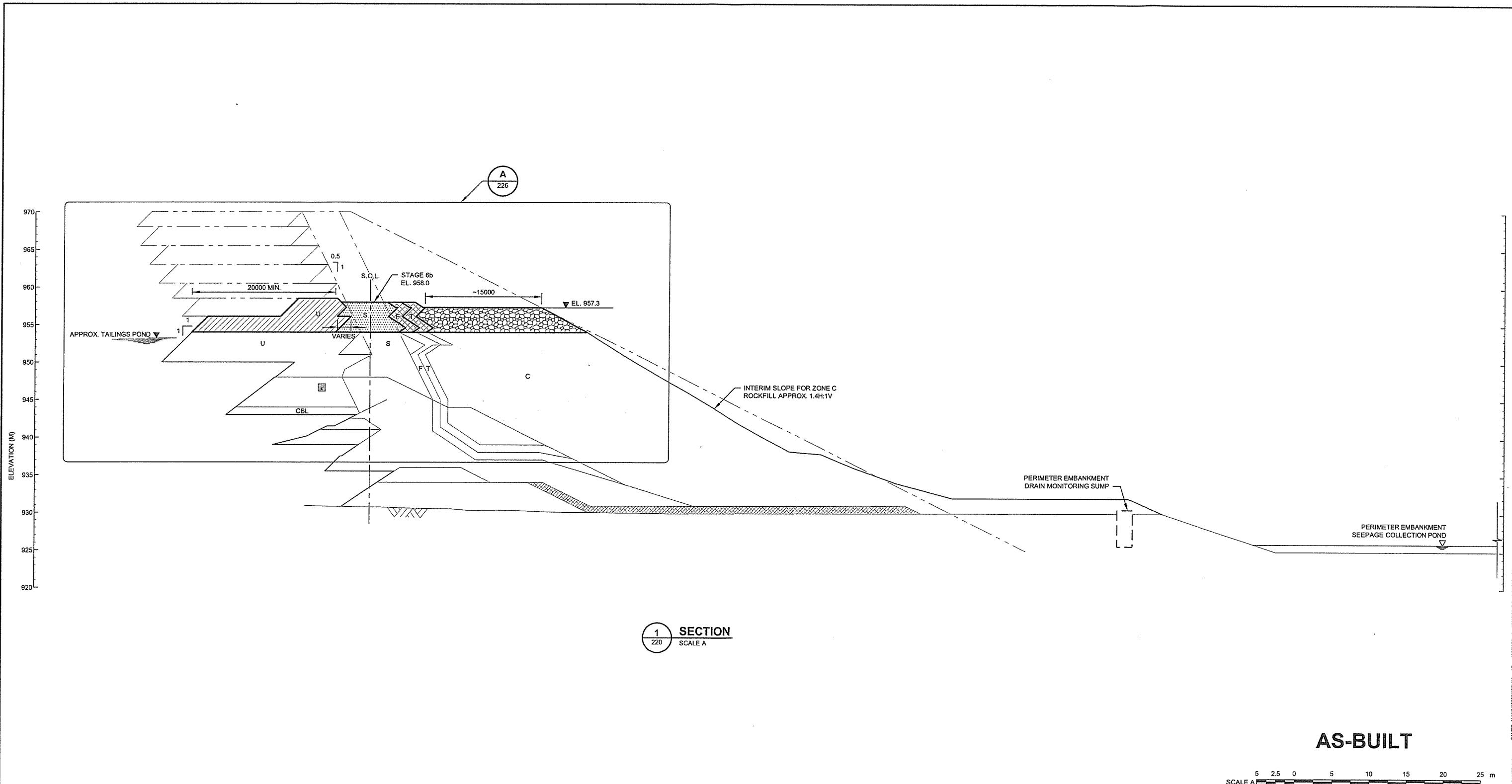
REFERENCE DRAWINGS

REVISIONS

| DRG. NO. | DESCRIPTION | REV. | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD |
|------------|--------------------|------|------|-------------|--------|-------|------|------|
| VA101-1/26 | REFERENCE DRAWINGS | | | REVISIONS | | | | |

REVISIONS

| P/A NO. | DRAWING NO. | REVISION |
|------------|-------------|----------|
| VA101-1/26 | 220 | 1 |



AS-BUILT

NOTE

1. FOR MATERIAL SPECIFICATIONS AND LEGEND SEE DRG. 104.
 2. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS ARE METRES, UNLESS NOTED OTHERWISE.

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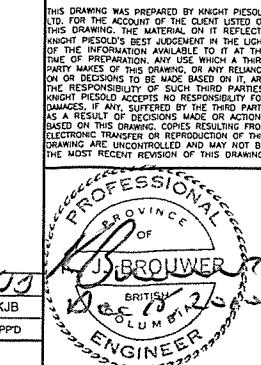
MOUNT POLLEY MINE

**TAILINGS STORAGE FACILITY
STAGE 6b PERIMETER EMBANKMENT
SECTION**

| | |
|----------|--|
| 226 | STAGE 6b PERIMETER EMBANKMENT - DETAIL |
| 220 | STAGE 6b PERIMETER EMBANKMENT - PLAN |
| 104 | MATERIAL SPECIFICATIONS |
| DRG. NO. | DESCRIPTION |

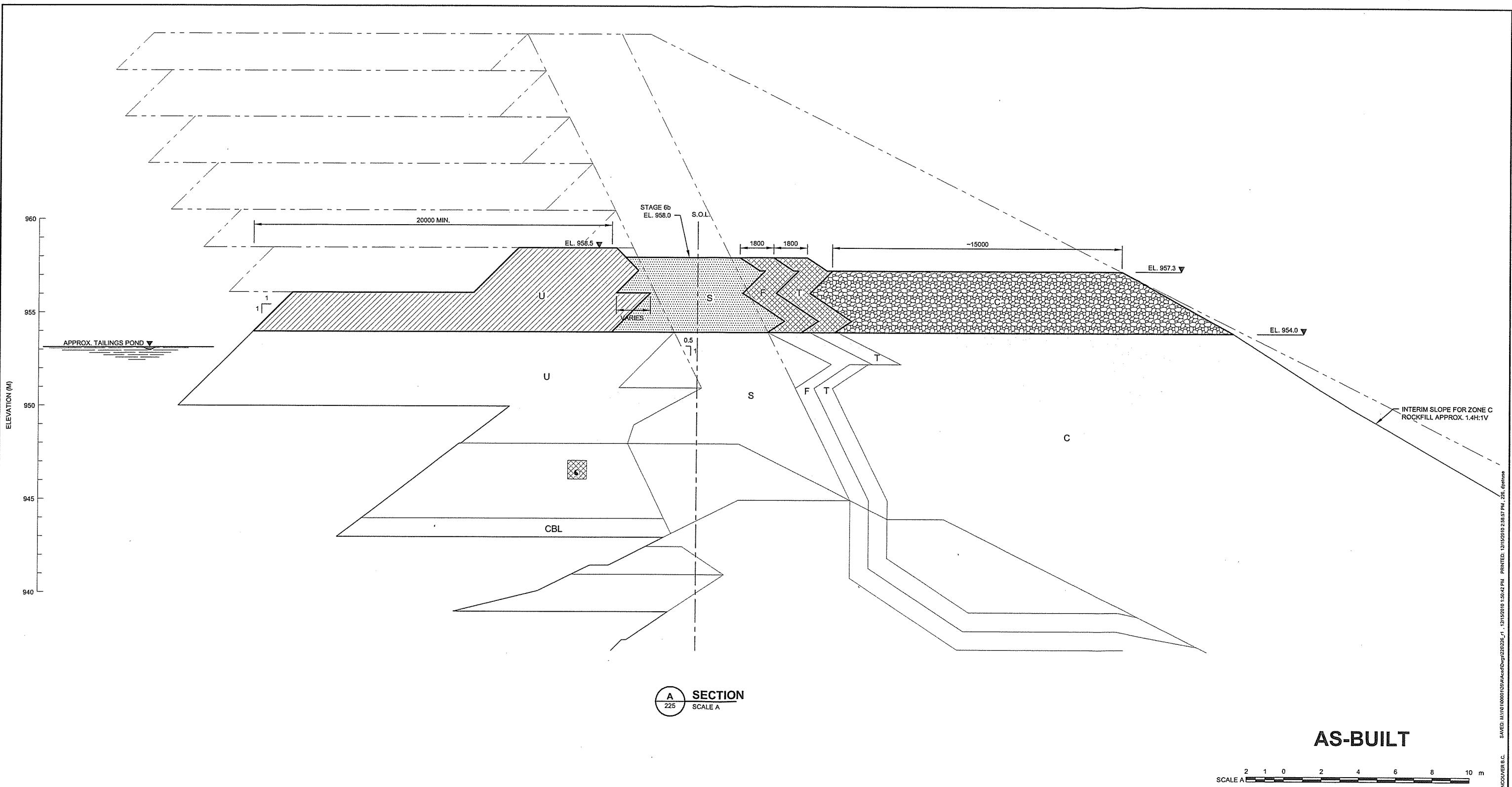
REFERENCE DRAWINGS

| 1 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | RP/DP | <i>C.G.</i> | / |
|----|----------|------------------------------------|-------------|--------|-------------|-------|
| 0 | 01FEB'10 | ISSUED FOR CONSTRUCTION | LJG | TAM | BB | |
| PD | REV | DATE | DESCRIPTION | DESIGN | DRAWN | CHK'D |



B/A N

| DRAWING NO. | REVISION |
|-------------|----------|
| VA101-1/26 | 225 |

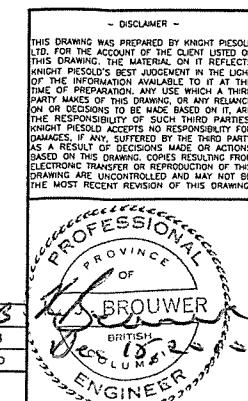


| | |
|----------|---|
| 225 | STAGE 6b PERIMETER EMBANKMENT - SECTION |
| 220 | STAGE 6b PERIMETER EMBANKMENT - PLAN |
| 104 | MATERIAL SPECIFICATIONS |
| DRG. NO. | DESCRIPTION |
| | REFERENCE DRAWINGS |

| 1 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | RP/DP | REV. 113 | | | | | | | | | | |
|----------|--------------------|------------------------------------|------|-------------|----------|----------|-------------------------|------|------|------|-------------|--------|-------|------|------|
| | | | | | 0 | 01FEB'10 | ISSUED FOR CONSTRUCTION | LJG | TAM | BB | KJB | | | | |
| DRG. NO. | DESCRIPTION | REV. | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD | REV. | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD |
| | REFERENCE DRAWINGS | | | REVISIONS | | | | | | | REVISIONS | | | | |

NOTES:

- FOR MATERIAL SPECIFICATIONS AND LEGEND SEE DRG. 104.
- ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.



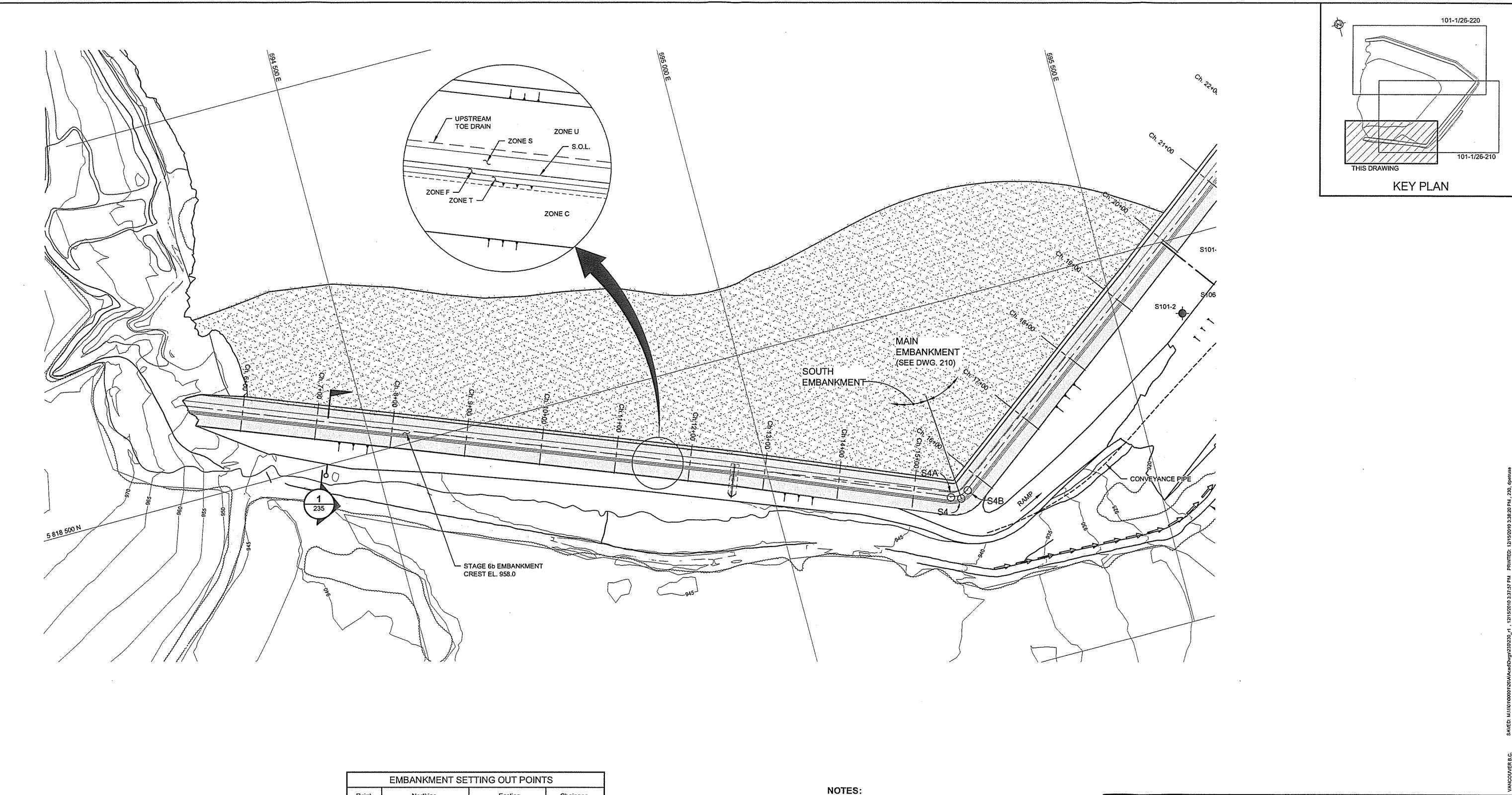
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MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
STAGE 6b PERIMETER EMBANKMENT
DETAIL

VA101-1/26 DRAWING NO. 226 REVISION 1



EMBANKMENT SETTING OUT POINTS

| Point | Northing | Easting | Chainage |
|-------|---------------|-------------|----------|
| S1 | 5 818 626.163 | 594 249.555 | 5+00.00 |
| S4A | 5 818 243.621 | 595 227.361 | 15+49.97 |
| S4B | 5 818 246.923 | 595 251.497 | 15+77.87 |
| S4 | 5 818 238.539 | 595 240.350 | 15+63.92 |
| S5A | 5 818 951.971 | 596 188.906 | 27+50.83 |
| S5B | 5 818 986.958 | 596 193.873 | 28+00.78 |
| S5 | 5 818 966.983 | 596 208.866 | 27+75.80 |
| S6 | 5 819 304.035 | 595 955.881 | 31+97.23 |
| S7 | 5 819 939.748 | 595 010.249 | 43+36.69 |
| S8 | 5 820 053.034 | 594 396.471 | 49+60.83 |

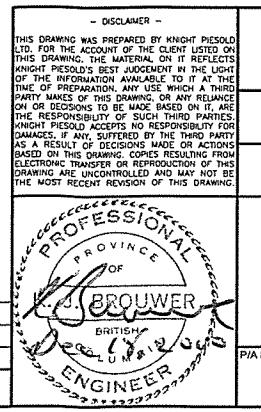
NOTES:

1. TOPOGRAPHY FROM 2004 FLYOVER.
2. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.

AS-BUILT

SCALE A 50 25 0 50 100 150 200 250 m

| | | | | | | |
|---|----------|------------------------------------|-----|-------|----|-----|
| 1 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | RP/DP | 62 | Z13 |
| 0 | 01FEB'10 | ISSUED FOR CONSTRUCTION | LJG | TAM | BB | KJB |



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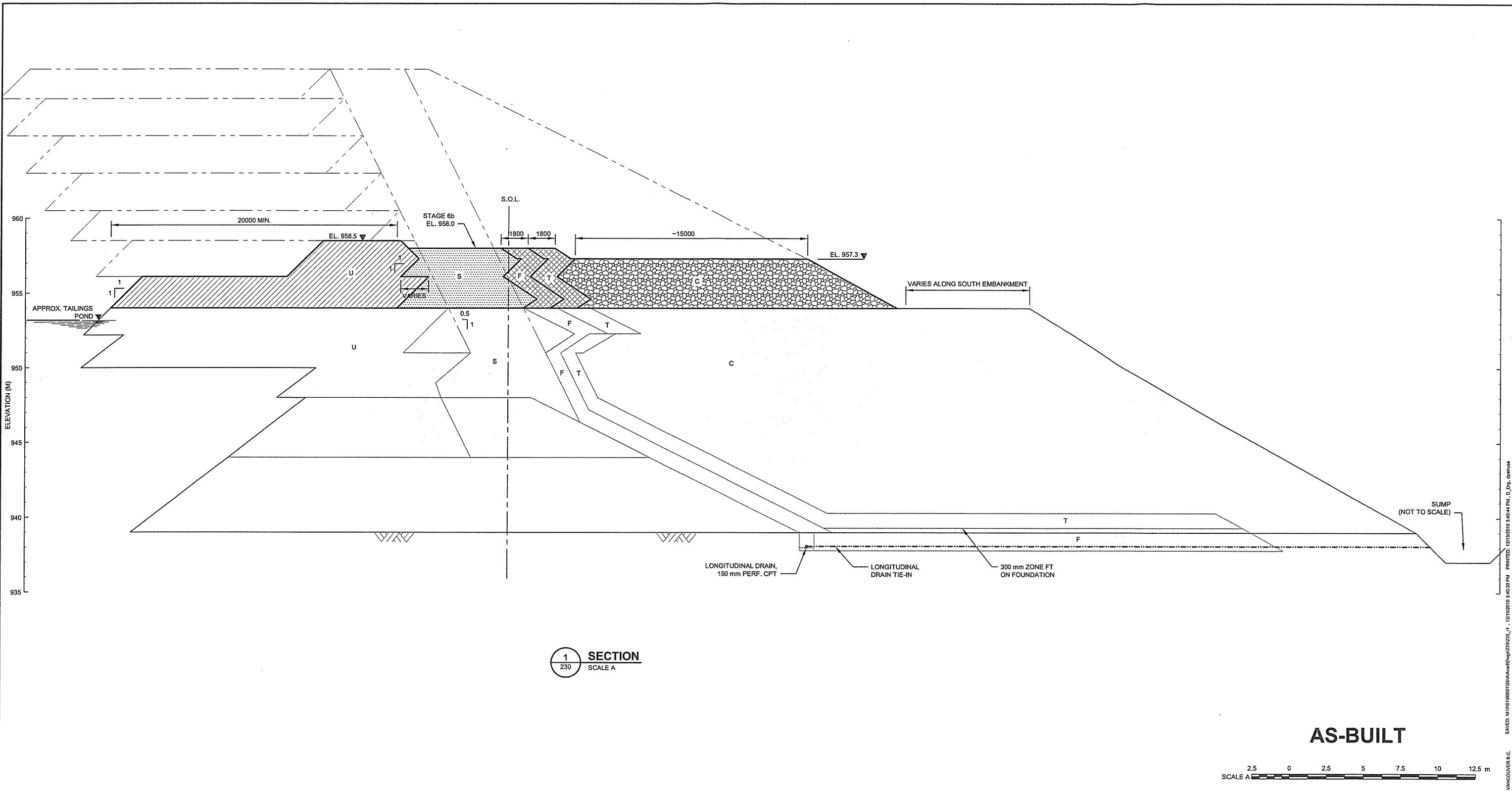
MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
STAGE 6b SOUTH EMBANKMENT
PLAN

| | |
|-----|--------------------------------------|
| 235 | STAGE 6b SOUTH EMBANKMENT - SECTIONS |
| 220 | STAGE 6b PERIMETER EMBANKMENT - PLAN |
| 210 | STAGE 6b MAIN EMBANKMENT - PLAN |

| DRG. NO. | DESCRIPTION | REV | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD | REV | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD |
|----------|--------------------|-----|------|-------------|--------|-------|------|------|-----|------|-------------|--------|-------|------|------|
| | REFERENCE DRAWINGS | | | REVISIONS | | | | | | | REVISIONS | | | | |

| | | | | |
|---------|------------|-------------|-----|----------|
| P/A NO. | VA101-1/26 | DRAWING NO. | 230 | REVISION |
|---------|------------|-------------|-----|----------|



NOTES:

- FOR MATERIAL SPECIFICATIONS AND LEGEND SEE DRG. 104.
- ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.

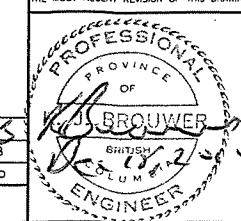
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TAILINGS STORAGE FACILITY
STAGE 6b SOUTH EMBANKMENT
SECTION 1



| | |
|--------------------|----------------------------------|
| 230 | STAGE 6b SOUTH EMBANKMENT - PLAN |
| 104 | MATERIAL SPECIFICATIONS |
| DRG. NO. | DESCRIPTION |
| REFERENCE DRAWINGS | |

| 1 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | RP/DP | GZ | ZIS |
|------|----------|------------------------------------|--------|-------|------|------|
| 0 | 01FEB'10 | ISSUED FOR CONSTRUCTION | LJG | TAM | BB | KJB |
| REV. | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD |

REVISIONS

P/A NO. VA101-1/26 DRAWING NO. 235 REVISION 1



NOTES

1. Topography from 2004 Flyover
2. All dimensions in millimetres and elevations in metres, unless noted otherwise.

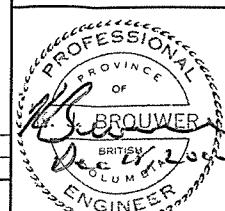
AS-BUILT

Scale 100 0 100 200 300 400 500m

| 0 | 14DEC'10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | DP | C7. | K13 |
|------|----------|------------------------------------|--------|-------|-------|-------|
| REV. | DATE | DESCRIPTION | DESIGN | DRAWN | CHK'D | APP'D |
| | | | | | | |

| REVISIONS | REVISIONS |
|-----------|-----------|
| | |

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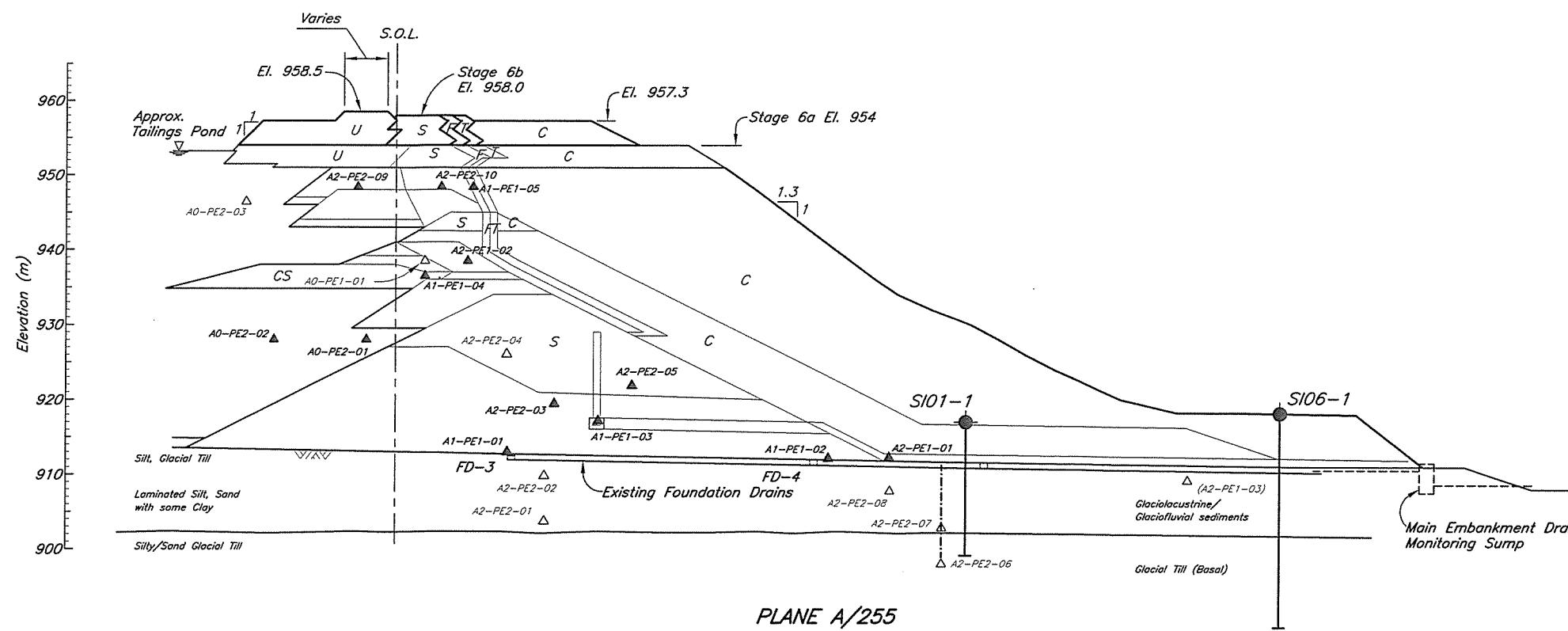
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MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

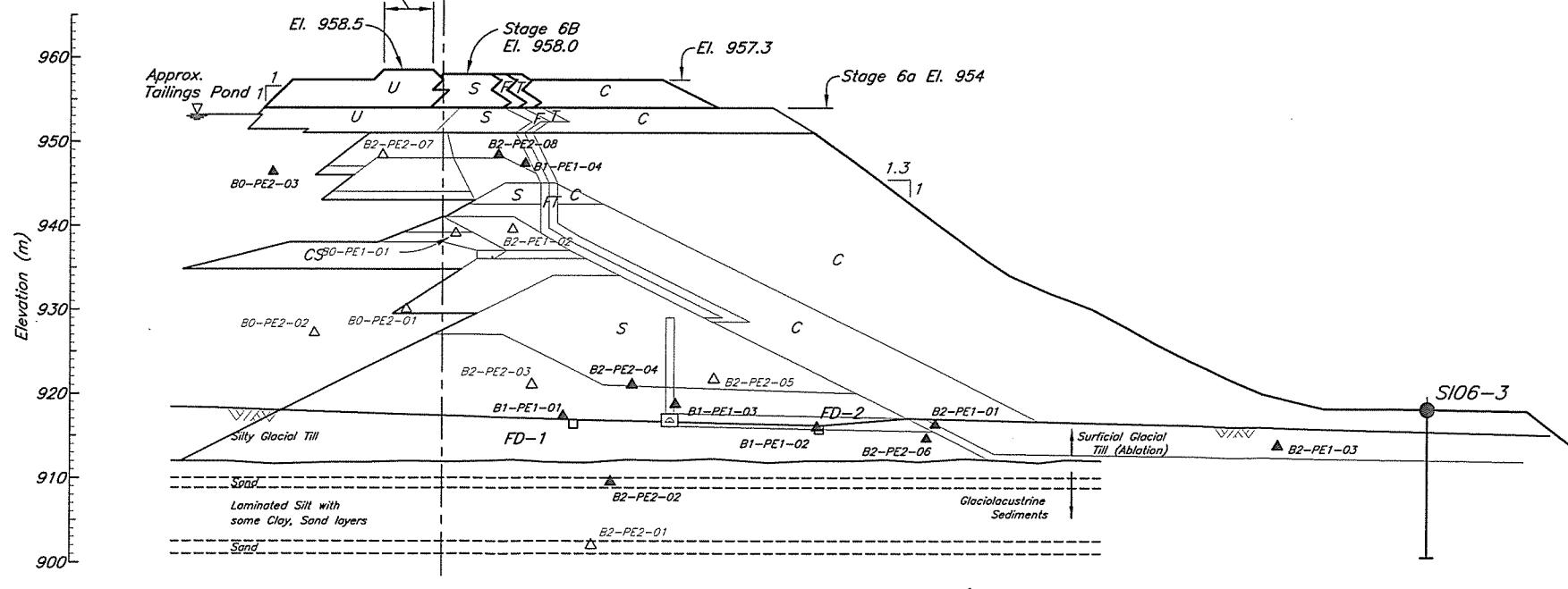
TAILINGS STORAGE FACILITY
STAGE 6b – INSTRUMENTATION
PLAN VIEW OF PIEZOMETER PLANES

| | |
|-----|---|
| 259 | STAGE 6b INSTRUMENTATION – SOUTH EMB. – PLANES F & I |
| 258 | STAGE 6b INSTRUMENTATION – PERIMETER EMB. – PLANES D, G & H |
| 257 | STAGE 6b INSTRUMENTATION – MAIN EMB. – PLANES C & E |
| 256 | STAGE 6b INSTRUMENTATION – MAIN EMB. – PLANES A & B |



LEGEND:

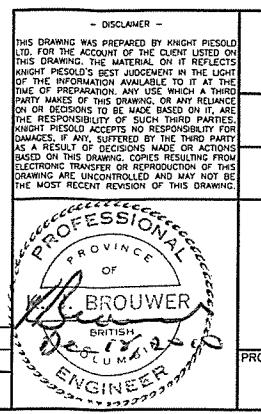
- Plane I.D. (A, B etc.)
- Area (0-Tailings, 1-Drain, 2-Embankment)
- A0-PE1-01 — Number I.D.
- Pressure Rating (1-Low, 2-High)
- Type of Instrumentation (PE-Piezometer electric, SM-Survey Monument)
- A2-PE2-03 △ Installed Piezometer
- A2-PE2-06 △ Piezometer no longer functioning



- NOTE:**
- Piezometer pore pressures used to estimate phreatic surface.

AS-BUILT

Scale 8 0 8 16 24 32 40 m



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CONSULTING

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
STAGE 6b - INSTRUMENTATION
MAIN EMBANKMENT
PLANES A AND B

| | |
|-----|---|
| 259 | STAGE 6b INSTRUMENTATION - SOUTH EMB. - PLANES F AND I |
| 258 | STAGE 6b INSTRUMENTATION - PERIMETER EMB.-PLANES D, G & H |
| 257 | STAGE 6b INSTRUMENTATION - MAIN EMB. - PLANES C AND E |
| 255 | TSF-STAGE 6b-INSTRUMENTATION-PLAN VIEW OF PIEZOMETER PLANES |

IMAGE FILE(S):

DRG. NO.

DESCRIPTION

REV.

DATE

DESCRIPTION

DESIGN

DRAWN

CHK'D

APP'D

REV.

DATE

DESCRIPTION

DESIGN

DRAWN

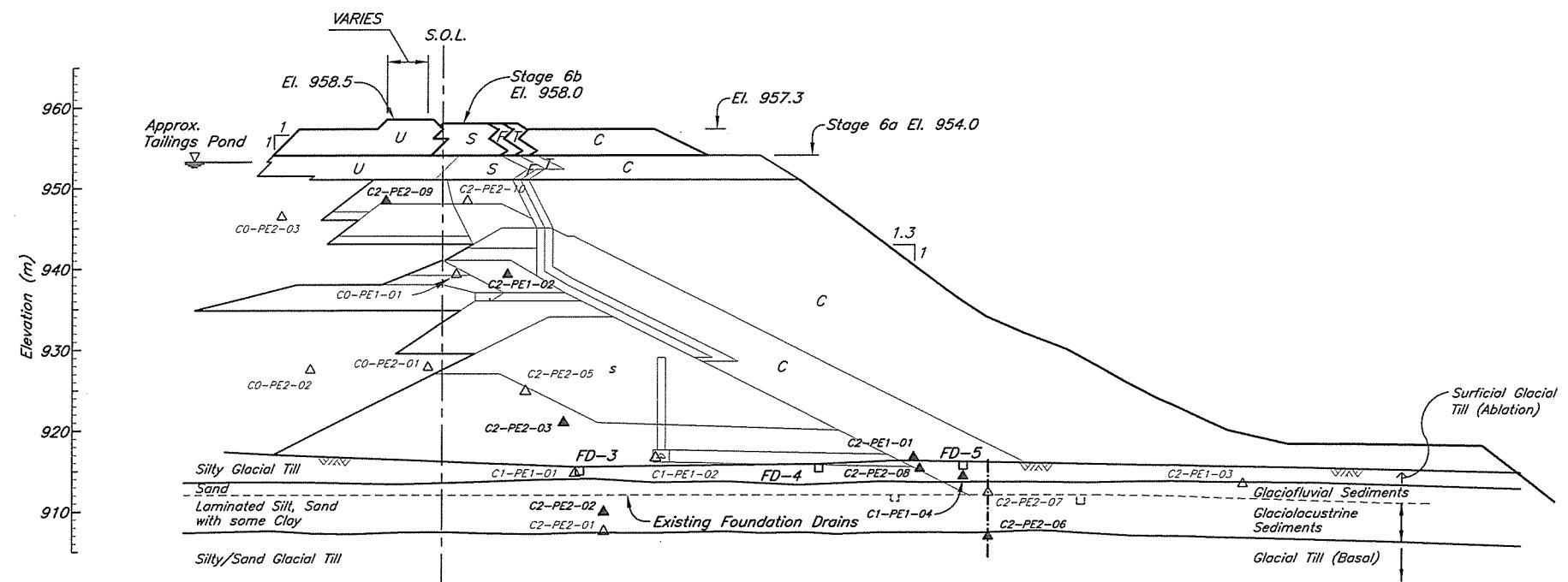
CHK'D

APP'D

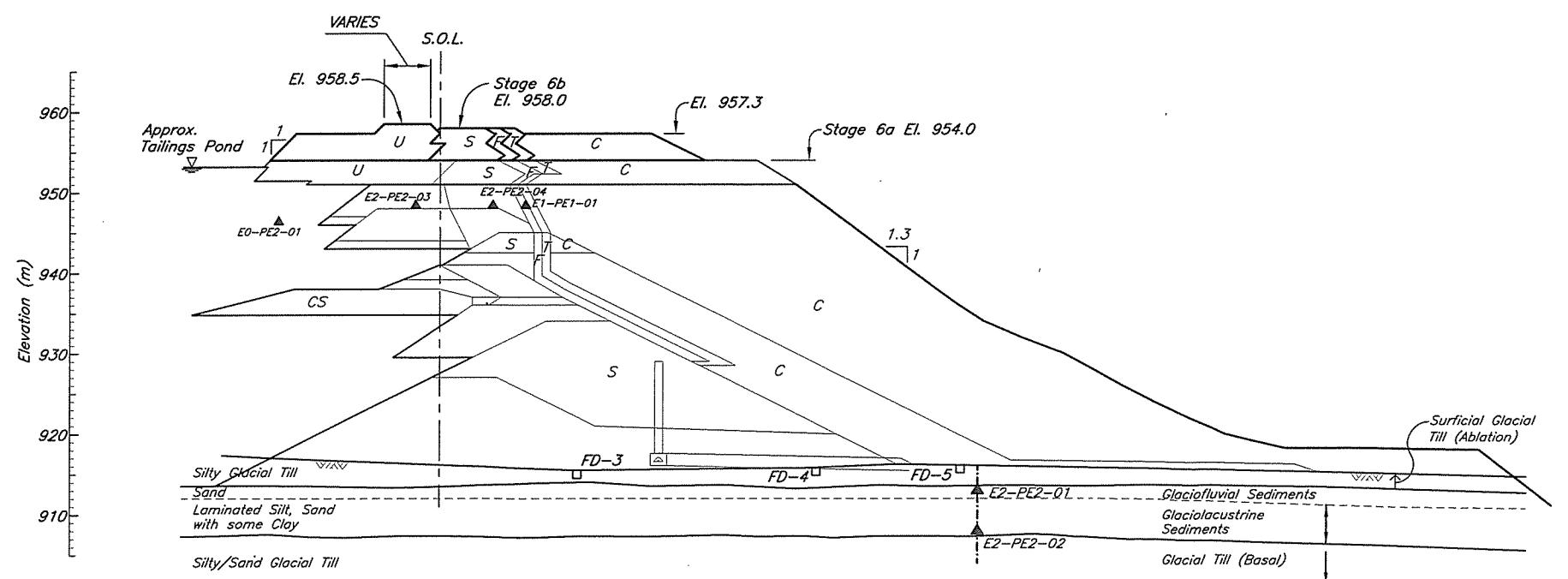
REVISIONS

REVISIONS

| PROJECT/ASSIGNMENT NO. | DRAWING NO. | REVISION |
|------------------------|-------------|----------|
| VA101-1/29 | 256 | 0 |



PLANE C/255



PLANE E/255

| LEGEND | |
|------------------------|--|
| Plane I.D. (A, B etc.) | Area (0-Tailings, 1-Drain, 2-Embankment) |
| A0-PE1-01 Number I.D. | Pressure Rating (1-Low, 2-High) |
| E0-PE2-01 ▲ | Type of Instrumentation (PE-Piezometer electric, SM-Survey Monument) |
| E2-PE2-03 ▲ | Installed Piezometer |
| C1-PE1-02 △ | Piezometer no longer functioning |

- NOTE:
1. Piezometer pore pressures used to estimate phreatic surface.

AS-BUILT

Scale 8 0 8 16 24 32 40 m

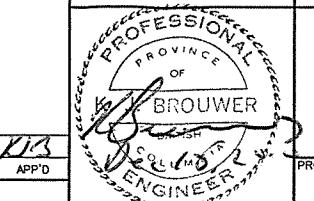
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Knight Piésold
CONSULTING

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

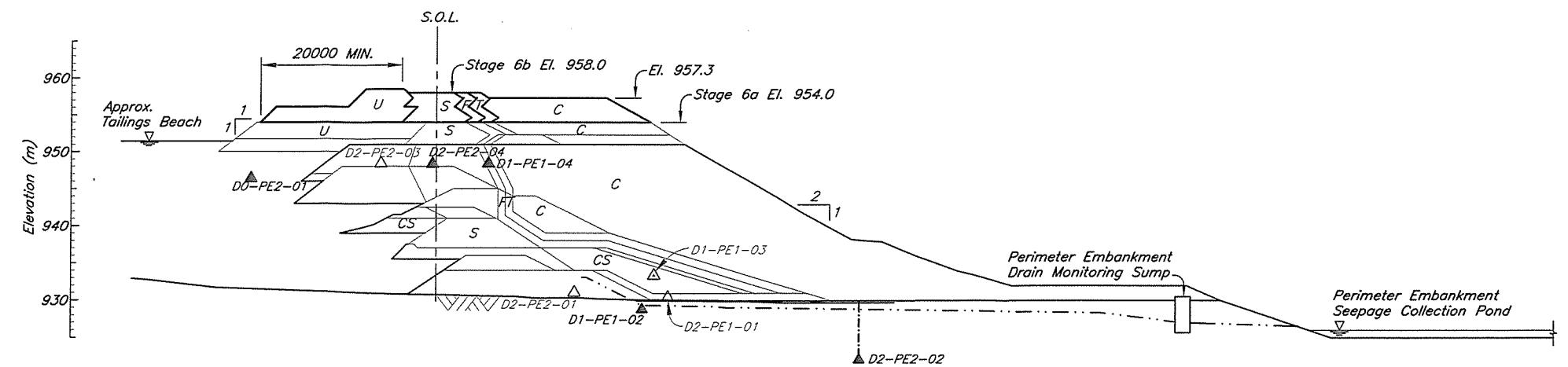
TAILINGS STORAGE FACILITY
STAGE 6b – INSTRUMENTATION
MAIN EMBANKMENT
PLANES C AND E



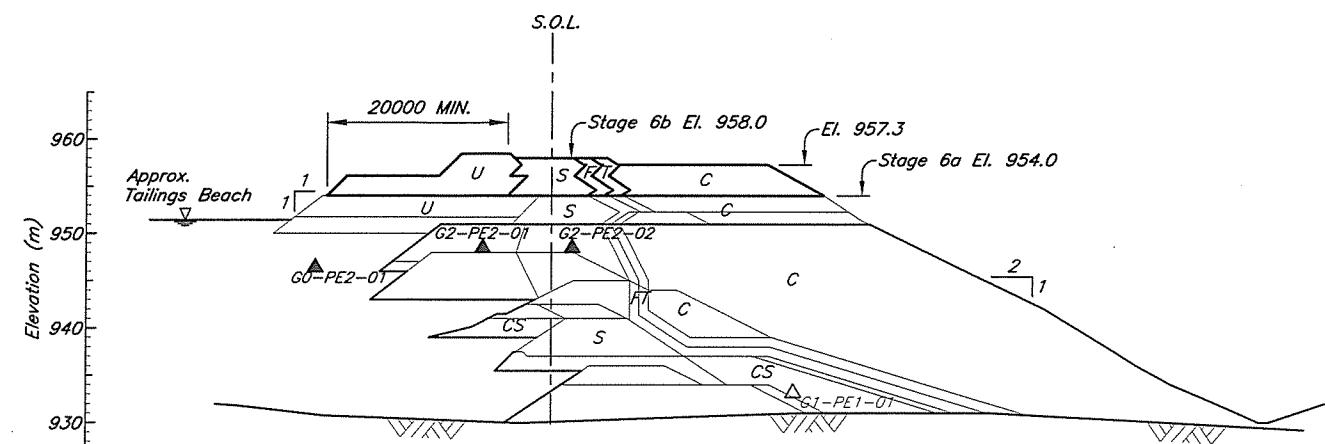
PROJECT/ASSIGNMENT NO. VA101-1/29 DRAWING NO. 257 REVISION 0

| IMAGE FILE#: | | | |
|--------------|---|-----------|-----------|
| 259 | STAGE 6b INSTRUMENTATION – SOUTH EMB. – PLANES F & I | | |
| 258 | STAGE 6b INSTRUMENTATION – PERIMETER EMB.–PLANES D, G & H | | |
| 256 | STAGE 6b INSTRUMENTATION – MAIN EMB. – PLANES A AND B | | |
| 255 | TSF-STAGE 6b-INSTRUMENTATION-PLAN VIEW OF PIEZOMETER PLANES | | |
| DRG. NO. | DESCRIPTION | | |
| | REV. DATE DESCRIPTION DESIGN DRAWN CHK'D APP'D REV. DATE DESCRIPTION DESIGN DRAWN CHK'D APP'D | | |
| | REFERENCE DRAWINGS | REVISIONS | REVISIONS |

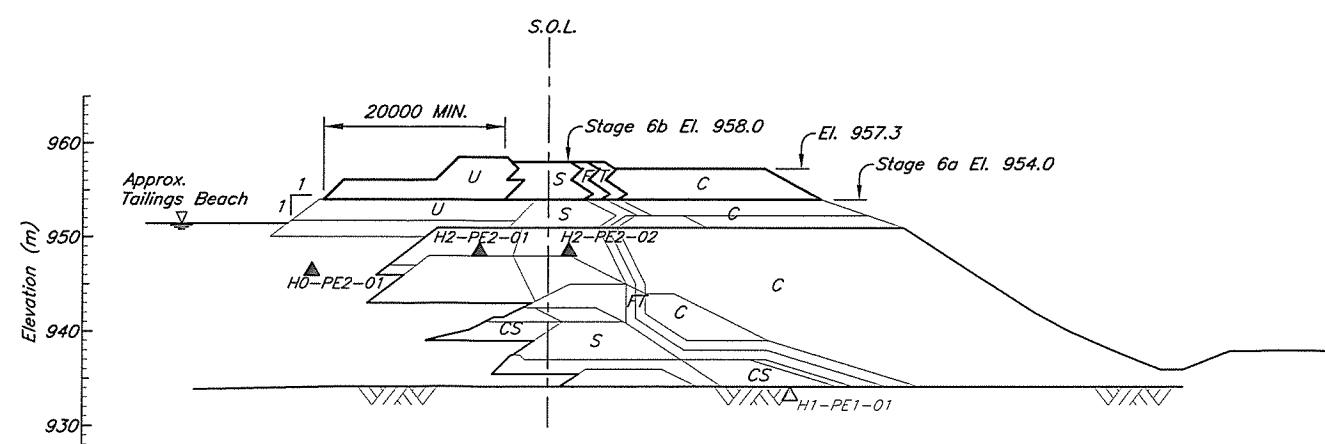
0 14DEC'10 AS-BUILT FOR STAGE 6b CONSTRUCTION GL DP C.R. K.P.



PLANE D/255



PLANE G/255



PLANE H/255

LEGEND

- Plane I.D. (A, B etc.)
- Area (0-Tailings, 1-Drain, 2-Embankment)
- A0-PE1-01—Number I.D.
- Pressure Rating (1-Low, 2-High)
- Type of Instrumentation (PE—Piezometer electric, SM—Survey Monument)
- A2-PE2-03 ▲ Installed Piezometer
- D2-PE2-01 △ Piezometer no longer functioning

AS-BUILT

Scale 8 0 8 16 24 32 40 m

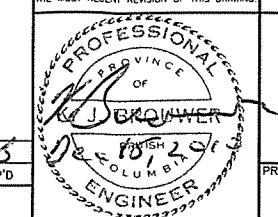
DISCLAIMER
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Knight Piésold
CONSULTING

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

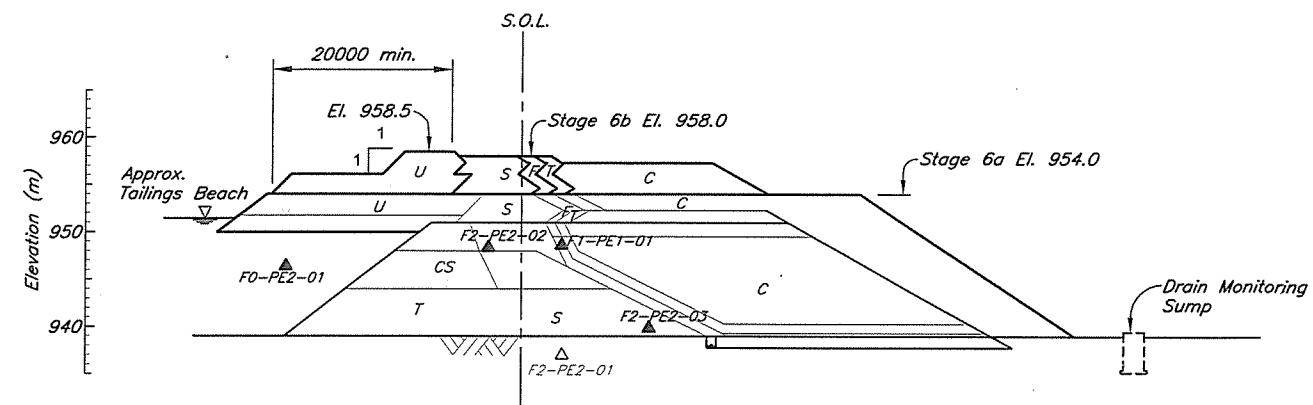
TAILINGS STORAGE FACILITY
STAGE 6b — INSTRUMENTATION
PERIMETER EMBANKMENT
PLANES D, G AND H



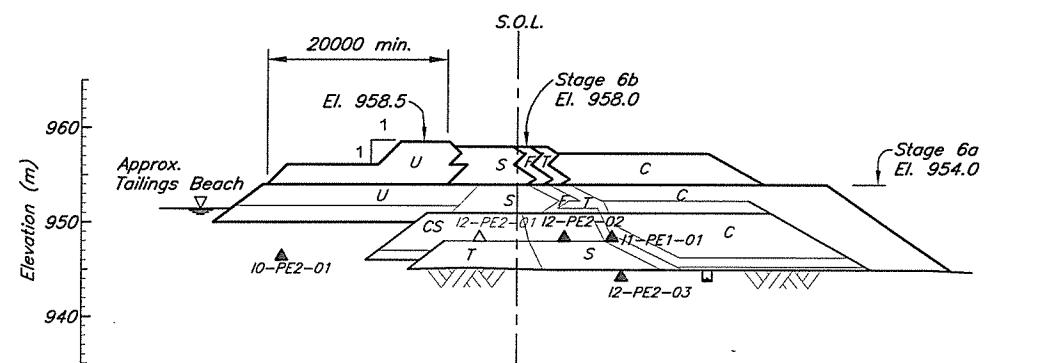
PROJECT/ASSIGNMENT NO. VA101-1/29 DRAWING NO. 258 REVISION 0

| IMAGE FILE(S): | |
|----------------|---|
| 259 | STAGE 6b INSTRUMENTATION — SOUTH EMB. — PLANES F AND I |
| 257 | STAGE 6b INSTRUMENTATION — MAIN EMB. — PLANES C AND E |
| 256 | STAGE 6b INSTRUMENTATION — MAIN EMB. — PLANES A AND B |
| 255 | TSF-STAGE 6b-INSTRUMENTATION-PLAN VIEW OF PIEZOMETER PLANES |
| DRG. NO. | DESCRIPTION |
| | REV. DATE DESCRIPTION DESIGN DRAWN CHK'D APP'D |
| | REVISIONS |
| | REFERENCE DRAWINGS |

| | | | | | |
|---|---------|------------------------------------|--------|-------|-------------|
| 0 | 14DEC10 | AS-BUILT FOR STAGE 6b CONSTRUCTION | GL | DP | 02. RJS |
| | | DESCRIPTION | DESIGN | DRAWN | CHK'D APP'D |
| | | REVISIONS | | | |



PLANE F/255



PLANE I/255

LEGEND

- Plane I.D. (A, B etc.)
- Area (0-Tailings, 1-Drain, 2-Embankment)
- A0-PE1-01—Number I.D.
- Pressure Rating (1-Low, 2-High)
- Type of Instrumentation (PE—Piezometer electric, SM—Survey Monument)

A2-PE2-03 ▲ Installed Piezometer
F2-PE2-01 △ Piezometer no longer functioning

AS-BUILT

Scale 8 0 8 16 24 32 40 m

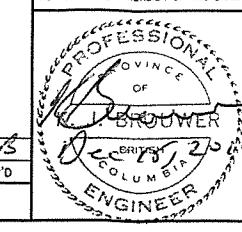
DISCLAIMER
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Knight Piésold
CONSULTING

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
STAGE 6b — INSTRUMENTATION
SOUTH EMBANKMENT
PLANES F AND I



| | | |
|------------------------|-------------|----------|
| PROJECT/ASSIGNMENT NO. | DRAWING NO. | REVISION |
| VA101-1/29 | 259 | 0 |

| IMAGE FILE(S): | |
|----------------|---|
| 258 | STAGE 6b INSTRUMENTATION — PERIMETER EMB.—PLANES D, G & H |
| 257 | STAGE 6b INSTRUMENTATION — MAIN EMB. — PLANES C AND E |
| 256 | STAGE 6b INSTRUMENTATION — MAIN EMB. — PLANES A AND B |
| 255 | TSF-STAGE 6b—INSTRUMENTATION—PLAN VIEW OF PIEZOMETER PLANES |
| DRG. NO. | DESCRIPTION |
| | REV. DATE DESCRIPTION DESIGN DRAWN CHK'D APP'D |
| | REFERENCE DRAWINGS |

0 14DEC'10 AS-BUILT FOR STAGE 6b CONSTRUCTION GL DP [CZ] KJS

REV. DATE DESCRIPTION DESIGN DRAWN CHK'D APP'D

REVISIONS

REVISIONS



APPENDIX A

LABORATORY TEST RESULTS – OFFSITE

- Appendix A1 Zone S Control
- Appendix A2 Zone S Record
- Appendix A3 Zone F Record
- Appendix A4 Zone T Record



APPENDIX A1

ZONE S CONTROL

(Pages A1-1 to A1-25)

From: Nancy Kovacevic [n.kovacevic@geonorth.ca]

Sent: Friday, April 09, 2010 10:11 AM

To: Ron Martel

Cc: Greg Johnston; Mark Smith

Subject: Mount Polley

Hi ron, I will be away until Tuesday April 13th. Here are verbal results for C-S6B-ZS-01-2010 (you already have the proctor)

Fine specific gravity = 2.70

Grain size: GRAVEL 0.1% / SAND 18.6% / SILT 77.3% / CLAY 4.0%

Atterberg = CL

M/C = 20.5%

I will PDF results after I proof the reports when I get back

cheers

Nancy Kovacevic

Technician, ACI Certified

GeoNorth Engineering Ltd.

3975 18th Avenue

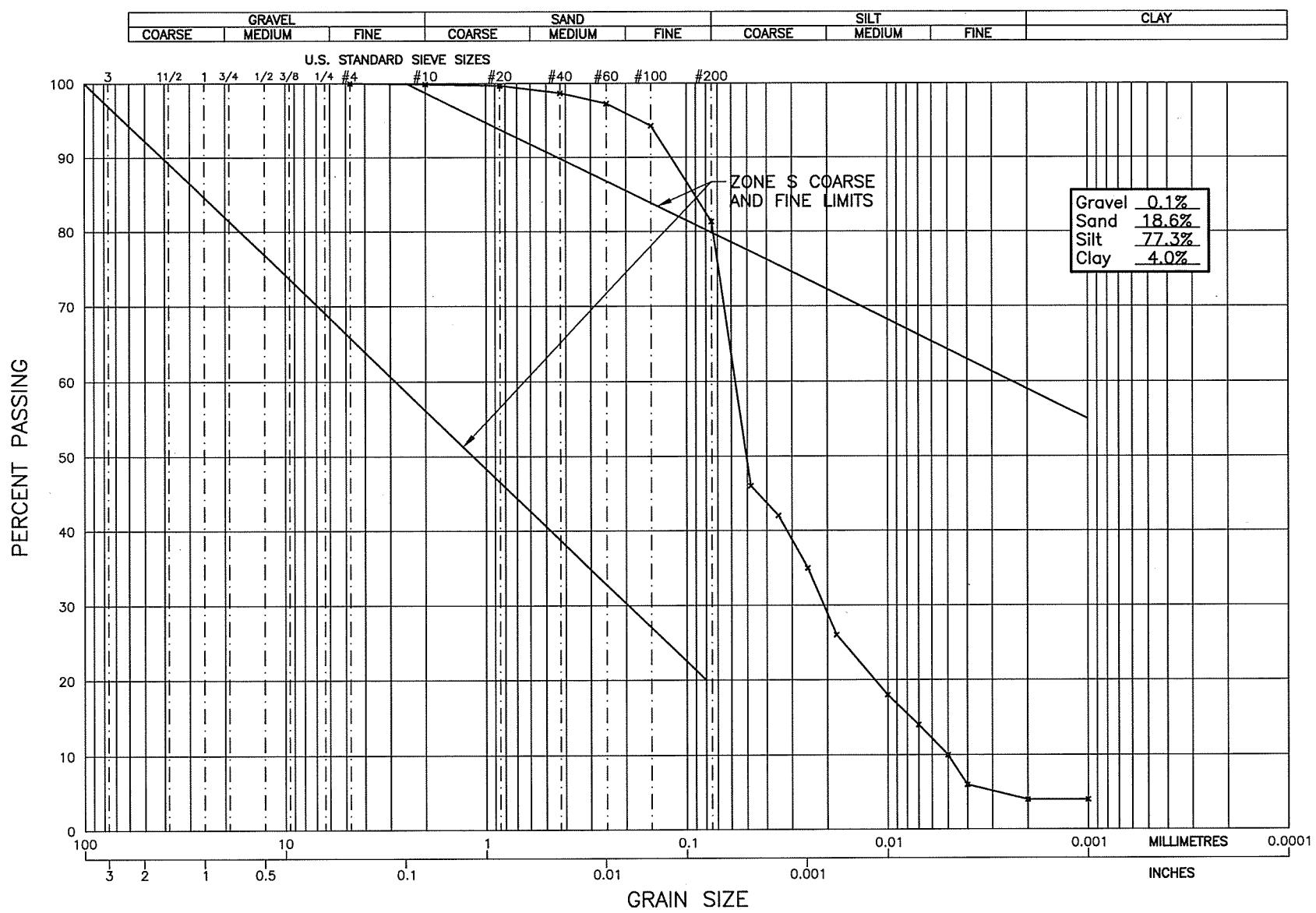
Prince George, BC V2N 1B2

Phone 250-564-4304 ext 213

Fax 250-564-9323

Cell 250-612-9091

mail n.kovacevic@geonorth.ca



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF C-S6B-ZS-01-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C5

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

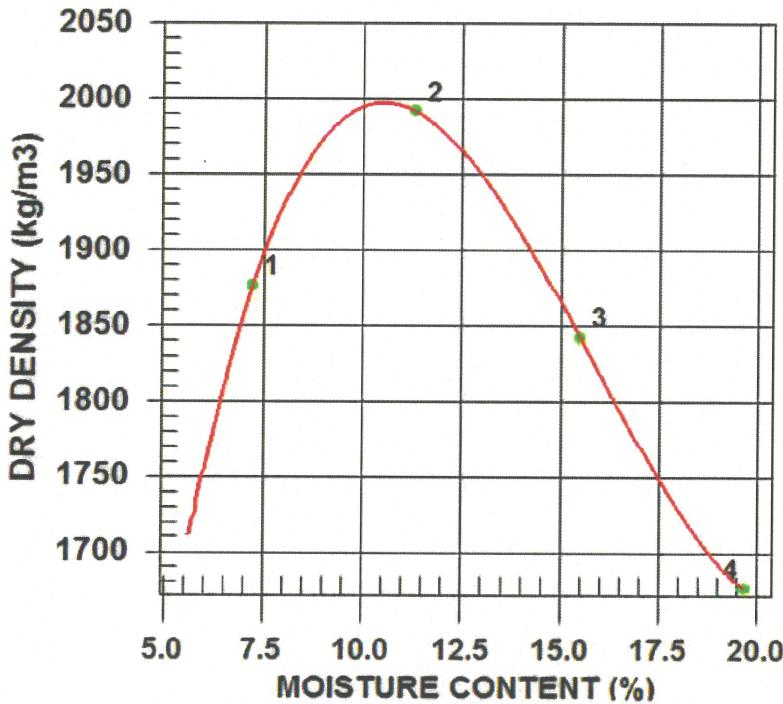
Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 3

DATE TESTED 2010.Apr.06 DATE RECEIVED 2010.Apr.01 DATE SAMPLED 2010.Mar.30

| | | | |
|-------------------------|------------------|----------------------------|------------------------------------|
| INSITU MOISTURE | N/A % | COMPACTATION STANDARD | Standard Proctor, ASTM D698 |
| SAMPLED BY | Client | COMPACTATION PROCEDURE | A: 101.6mm Mold, Passing 4.75mm |
| TESTED BY | DJ | RAMMER TYPE | Automatic |
| SUPPLIER | | PREPARATION | Moist |
| SOURCE | C-S6B-Z5-01-2010 | Oversize Correction Method | None |
| MATERIAL IDENTIFICATION | | Retained 4.75mm Screen | % |
| MAJOR COMPONENT | TILL | Oversize Specific Gravity | |
| SIZE | | Total Number of Trials | 4 |
| DESCRIPTION | | | |
| ROCK TYPE | | | |



COMMENTS

| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2011 | 1876 | 7.2 |
| 2 | 2217 | 1992 | 11.3 |
| 3 | 2128 | 1842 | 15.5 |
| 4 | 2006 | 1676 | 19.7 |

| | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|-------------------------------|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2000 | 10.5 |

TO

Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

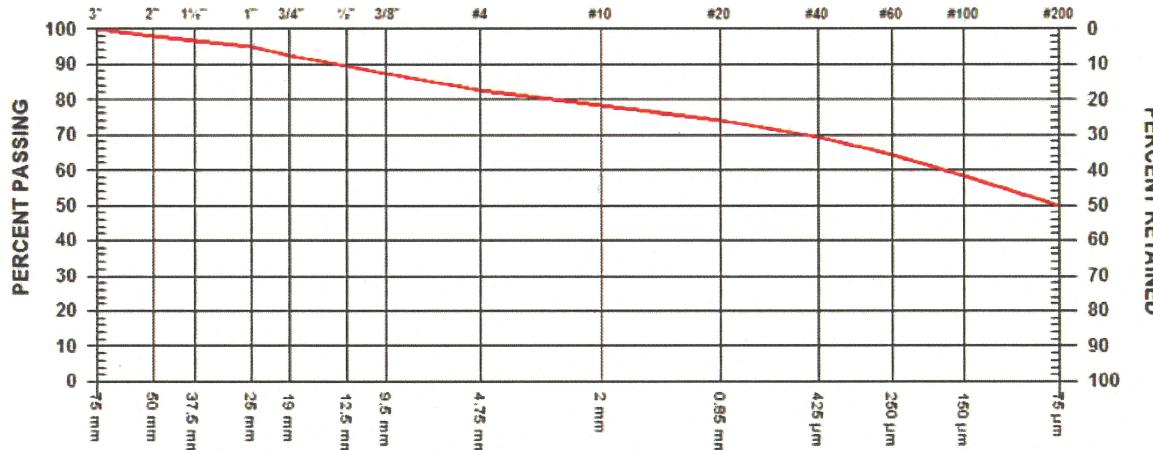
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 17 DATE RECEIVED 2010.Apr.09 DATE TESTED 2010.Apr.13 DATE SAMPLED 2010.Apr.07

| | | | |
|---------------|------------------|-------------|-----------|
| SUPPLIER | | SAMPLED BY | MS-Client |
| SOURCE | C-S6B-ZS-02-2010 | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | TILL | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 98.0 | |
| 1 1/2" | 37.5 mm | 94.9 | |
| 1" | 25 mm | 92.3 | |
| 3/4" | 19 mm | 89.2 | |
| 1/2" | 12.5 mm | 87.3 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 82.4 | |
| No. 10 | 2.00 mm | 78.4 | |
| No. 20 | 850 μm | 74.0 | |
| No. 40 | 425 μm | 69.5 | |
| No. 60 | 250 μm | 64.1 | |
| No. 100 | 150 μm | 58.5 | |
| No. 200 | 75 μm | 49.7 | |

COMMENTS

Re: Plate C8 and B3, Proctor #6

Location: PE Borrow, Elevation: Top of Grey Till Layer

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corp. | | | | | | Date: April 15, 2010 | | | | | |
|--|---------|-------------------------|--------------------|-------------------|------------------------------|-----------------------|-----------------|----------------------|---------------|-------------------------|-----------|
| Project Name: Mount Polley Construction Program Stage 6B | | | | | | Project #: K-2937 | | | | | |
| Source/Location: C-S6B-ZS-02-2010 | | | | | | Type: Till | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | | | Time: | | | | | |
| Sampled By: Client | | Tested By: Deb | | | | Checked By: Nancy | | | | | |
| Date Sampled: 04/07/10 | | Date Received: 04/09/10 | | | | Date Tested: 04/13/10 | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 78.4 | |
| Wet Wt. & Tare | 837.1 | 25.4 | | | | 20 | 1.9 | 48.1 | 96.2 | 75.4 | |
| Dry Wt. & Tare | 762.2 | 19.0 | | | | 40 | 3.2 | 44.9 | 89.8 | 70.4 | |
| Water Wt. | 74.9 | 12.5 | | | | 60 | 3.4 | 41.5 | 83.0 | 65.1 | |
| Tare Wt. | 179.8 | 9.5 | | | | 100 | 3.8 | 37.7 | 75.4 | 59.1 | |
| Wt. Of Dry Soil | 582.4 | 4.75 | RE: SIEVE TEST #17 | | | 200 | 6.4 | 31.3 | 62.6 | 49.1 | |
| Moisture Content % | 12.9 | 10 | PLATE No. C8 | | | Pan | 31.3 | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | |
| -(100xWet Soil Wt.)/(100 + Initial Moisture) = | | | | | | Unwashed Wt.= | | | | | |
| | | Total | 582.4 | | | Tare | | Wt. Passing #200 = | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(%/#10) |
| 50.0 | 0.784 | 0.5 | 35.0 | 18.0 | 0.01399 | 27.0 | 11.8 | 4.866 | 0.068 | 54.0 | 42.3 |
| 50.0 | 0.784 | 1 | 31.5 | 18.0 | 0.01399 | 23.5 | 12.4 | 3.524 | 0.049 | 47.0 | 36.8 |
| 50.0 | 0.784 | 2 | 31.0 | 18.0 | 0.01399 | 23.0 | 12.5 | 2.500 | 0.035 | 46.0 | 36.1 |
| 50.0 | 0.784 | 4 | 27.5 | 18.0 | 0.01399 | 19.5 | 13.1 | 1.808 | 0.025 | 39.0 | 30.6 |
| 50.0 | 0.784 | 8 | 26.0 | 18.0 | 0.01399 | 18.0 | 13.3 | 1.291 | 0.018 | 36.0 | 28.2 |
| 50.0 | 0.784 | 15 | 23.5 | 18.0 | 0.01399 | 15.5 | 13.7 | 0.957 | 0.013 | 31.0 | 24.3 |
| 50.0 | 0.784 | 30 | 21.0 | 18.0 | 0.01399 | 13.0 | 14.2 | 0.687 | 0.010 | 26.0 | 20.4 |
| 50.0 | 0.784 | 60 | 19.0 | 19.0 | 0.01382 | 11.0 | 14.5 | 0.491 | 0.007 | 22.0 | 17.2 |
| 50.0 | 0.784 | 120 | 17.0 | 19.0 | 0.01382 | 9.0 | 14.8 | 0.351 | 0.005 | 18.0 | 14.1 |
| 50.0 | 0.784 | 240 | 15.0 | 19.0 | 0.01382 | 7.0 | 15.1 | 0.251 | 0.003 | 14.0 | 11.0 |
| 50.0 | 0.784 | 480 | 13.5 | 20.0 | 0.01365 | 5.5 | 15.4 | 0.179 | 0.002 | 11.0 | 8.6 |
| 50.0 | 0.784 | 1440 | 12.0 | 20.0 | 0.01365 | 4.0 | 15.6 | 0.104 | 0.001 | 8.0 | 6.3 |
| Hydrometer #: 790414 | | Graduate #: | | | Dispersing Agent: Sodium Hex | | | | Amount: 125ml | | |
| Density of Solids: | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

NOELCO

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

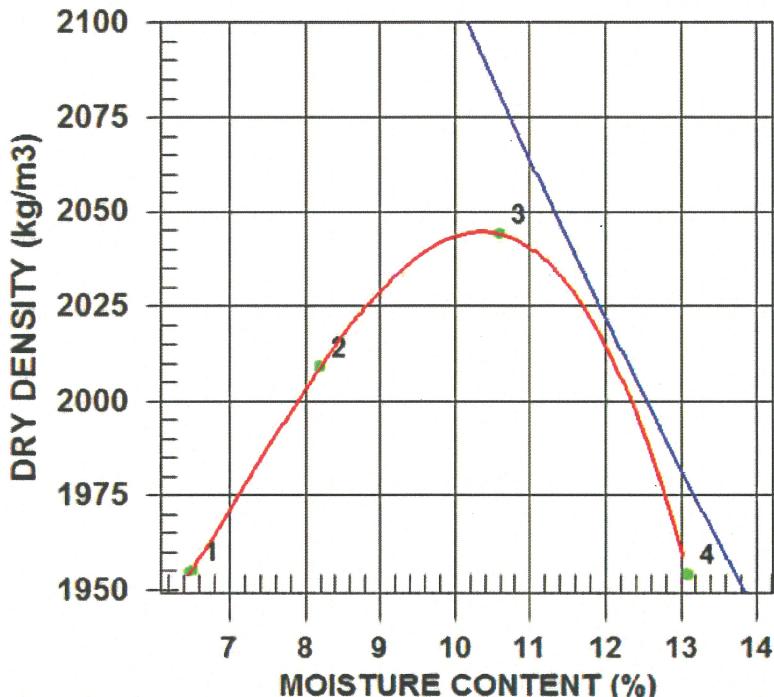
PROCTOR NO. 6

DATE TESTED 2010.Apr.13 DATE RECEIVED 2010.Apr.09 DATE SAMPLED 2010.Apr.07

| | |
|-------------------------|-----------------|
| INSITU MOISTURE | N/A % |
| SAMPLED BY | MS-Client |
| TESTED BY | SR |
| SUPPLIER | |
| SOURCE | C-S6-ZS-02-2010 |
| MATERIAL IDENTIFICATION | |
| MAJOR COMPONENT | TILL |
| SIZE | 50MM |
| DESCRIPTION | |
| ROCK TYPE | |

| | |
|----------------------------|-----------|
| COMPACTION STANDARD | |
| COMPACTION PROCEDURE | |
| RAMMER TYPE | |
| PREPARATION | |
| Oversize Correction Method | ASTM 4718 |
| Retained 4.75mm Screen | 18.0 % |
| Oversize Specific Gravity | 2.67 |
| Total Number of Trials | 4 |

| | |
|-------------------|--|
| Standard Proctor, | |
| ASTM D698 | |
| A: 101.6mm Mold, | |
| Passing 4.75mm | |
| Automatic | |
| Moist | |
| ASTM 4718 | |
| 18.0 % | |
| 2.67 | |
| 4 | |

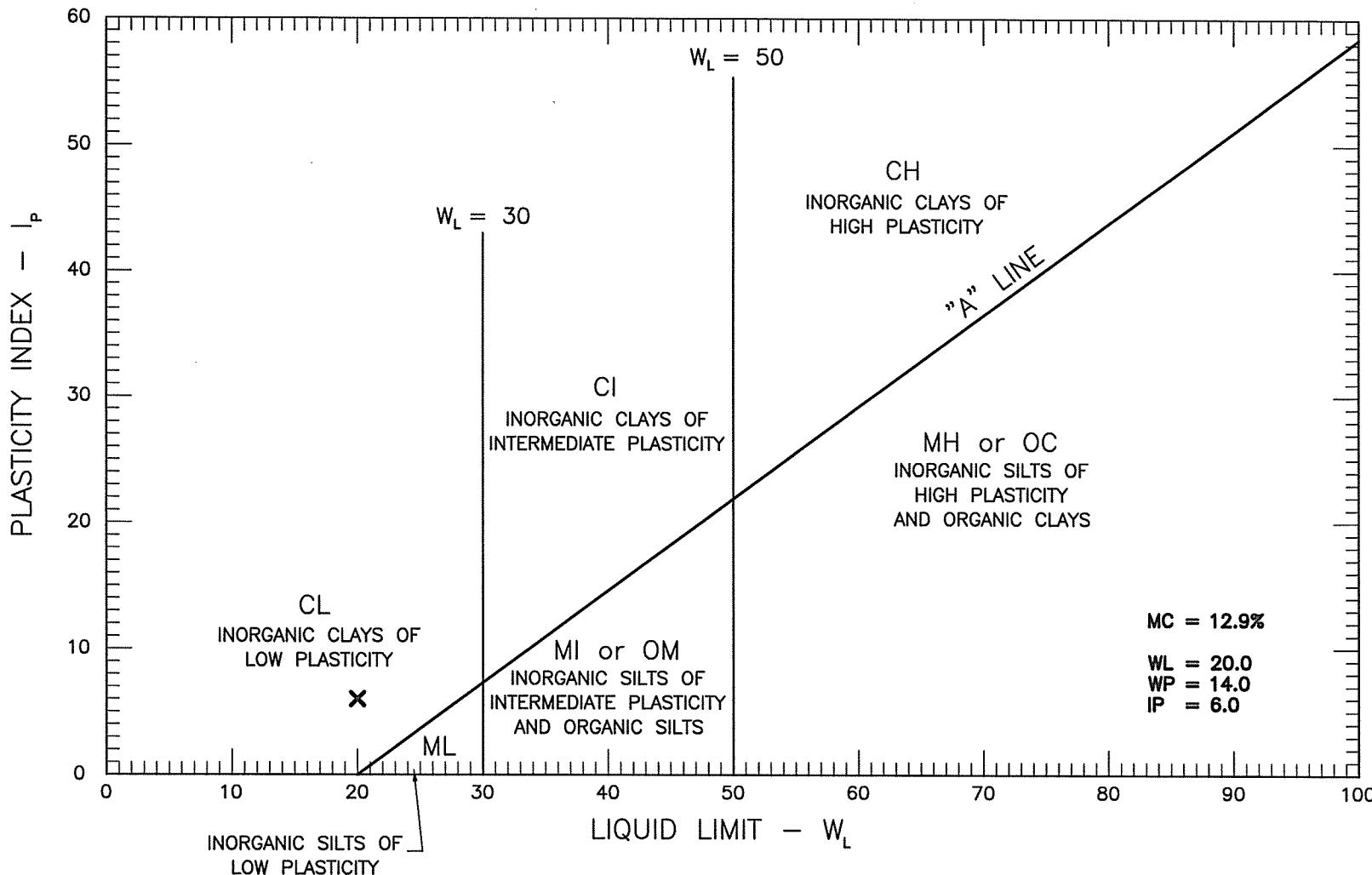


| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2082 | 1955 | 6.5 |
| 2 | 2174 | 2009 | 8.2 |
| 3 | 2261 | 2044 | 10.6 |
| 4 | 2210 | 1954 | 13.1 |

| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.67 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|---|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2050 2140 | 10.5 9.0 |

COMMENTS
 FINE SG = 2.681 / COARSE SG = 2.669

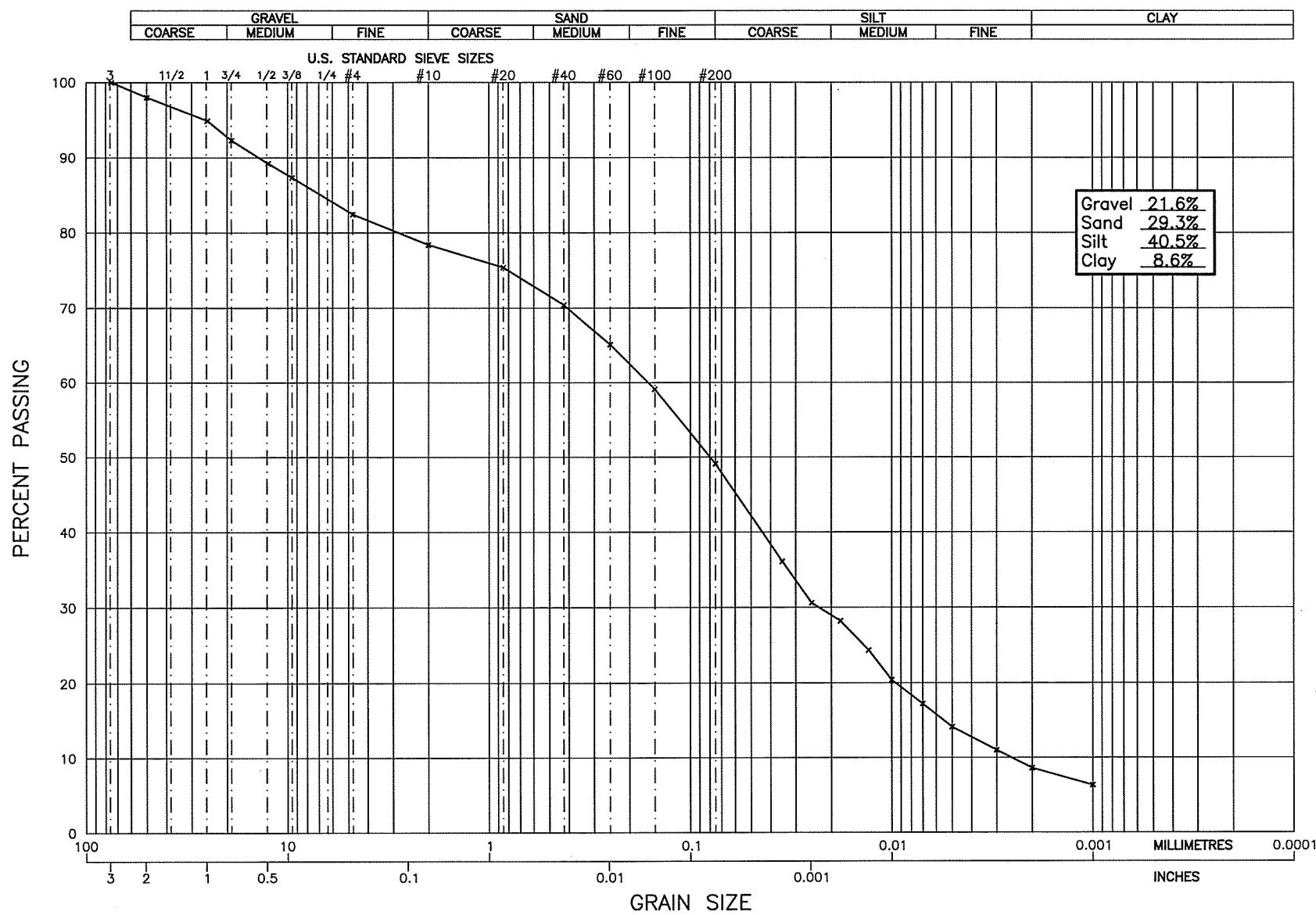
Re: Plate C8 and B3, Sieve #17.



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 ATTERBERG LIMITS OF C-S6B-ZS-02-2010

| | |
|-------------|---------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-B3 |



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 GRAIN SIZE ANALYSIS OF C-S6B-ZS-02-2010

PROJECT NO.
 K-2937
 PLATE NO.
 2937-C8

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

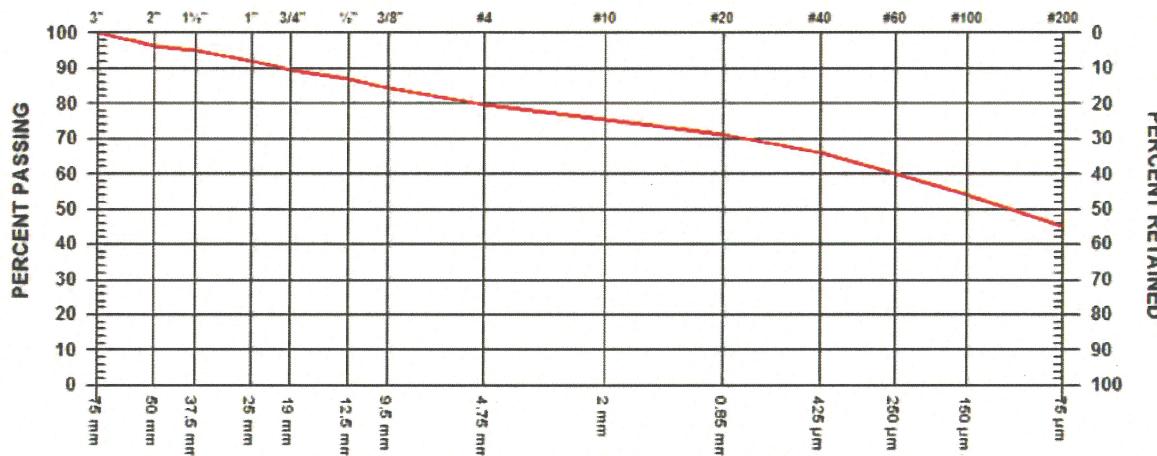
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 18 DATE RECEIVED 2010.Apr.09 DATE TESTED 2010.Apr.13 DATE SAMPLED 2010.Apr.07

SUPPLIER
 SOURCE C-S6B-ZS-03-2010
 SPECIFICATION
 MATERIAL TYPE TILL

SAMPLED BY MS - Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | PERCENT PASSING | GRADATION LIMITS |
|--------------|-----------------|------------------|
| 3" | 75 mm | 100.0 |
| 2" | 50 mm | 96.3 |
| 1 1/2" | 37.5 mm | 95.0 |
| 1" | 25 mm | 91.9 |
| 3/4" | 19 mm | 89.6 |
| 1/2" | 12.5 mm | 86.7 |
| 3/8" | 9.5 mm | 84.4 |

| SAND SIZES AND FINES | PERCENT PASSING | GRADATION LIMITS |
|----------------------|-----------------|------------------|
| No. 4 | 4.75 mm | 79.6 |
| No. 10 | 2.00 mm | 75.4 |
| No. 20 | 850 µm | 70.9 |
| No. 40 | 425 µm | 65.9 |
| No. 60 | 250 µm | 60.0 |
| No. 100 | 150 µm | 54.0 |
| No. 200 | 75 µm | 45.2 |

COMMENTS

Re: Plate C9 and B4, Proctor #7

Re: Location: PE Borrow, Elevation: Bottom of Grey Till

TO

Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 18 DATE RECEIVED 2010.Apr.09 DATE TESTED 2010.Apr.13 DATE SAMPLED 2010.Apr.07

| | | | |
|---------------|------------------|-------------|-----------|
| SUPPLIER | C-S6B-ZS-03-2010 | SAMPLED BY | MS-Client |
| SOURCE | | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | TILL | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 96.3 | |
| 1 1/2" | 37.5 mm | 95.0 | |
| 1" | 25 mm | 91.9 | |
| 3/4" | 19 mm | 89.6 | |
| 1/2" | 12.5 mm | 86.7 | |
| 3/8" | 9.5 mm | 84.4 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 79.6 | |
| No. 10 | 2.00 mm | 75.4 | |
| No. 20 | 850 µm | 70.9 | |
| No. 40 | 425 µm | 65.9 | |
| No. 60 | 250 µm | 60.0 | |
| No. 100 | 150 µm | 54.0 | |
| No. 200 | 75 µm | 45.2 | |

COMMENTS

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

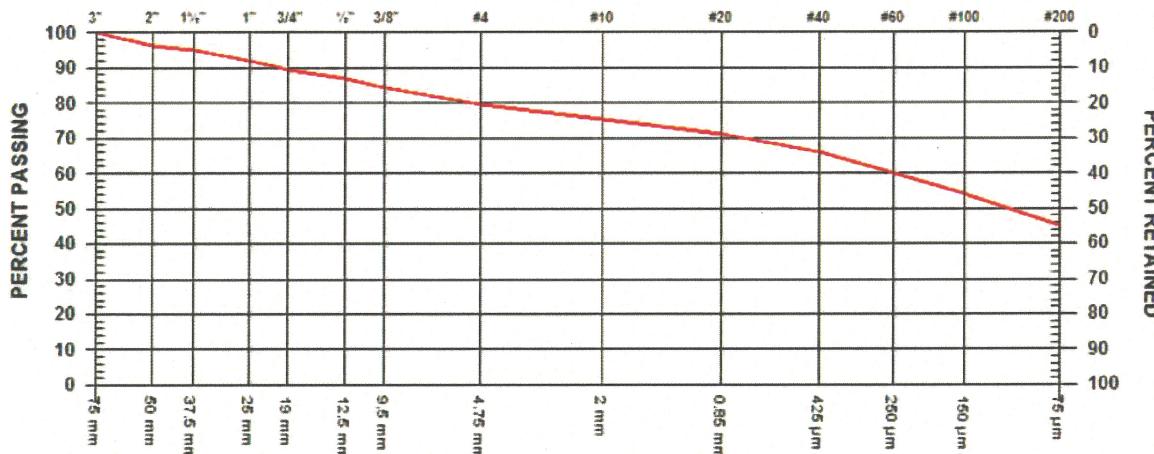
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 18 DATE RECEIVED 2010.Apr.09 DATE TESTED 2010.Apr.13 DATE SAMPLED 2010.Apr.07

| | | | |
|---------------|------------------|-------------|-----------|
| SUPPLIER | | SAMPLED BY | MS-Client |
| SOURCE | C-S6B-ZS-03-2010 | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | TILL | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 96.3 | |
| 1 1/2" | 37.5 mm | 95.0 | |
| 1" | 25 mm | 91.9 | |
| 3/4" | 19 mm | 89.6 | |
| 1/2" | 12.5 mm | 86.7 | |
| 3/8" | 9.5 mm | 84.4 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 79.6 | |
| No. 10 | 2.00 mm | 75.4 | |
| No. 20 | 850 µm | 70.9 | |
| No. 40 | 425 µm | 65.9 | |
| No. 60 | 250 µm | 60.0 | |
| No. 100 | 150 µm | 54.0 | |
| No. 200 | 75 µm | 45.2 | |

COMMENTS

GeoNorth Engineering Ltd.

3975 18th Avenue Prince George, BC V2N 1B2

Phone (250)564-4304; Fax (250)564-9323

MOISTURE - DENSITY RELATIONSHIP REPORT

TO

Mount Polley Mining Corp.
P.O Box 12
Likely, BC
VOL -1NO

ATTN: Ron Martel @ E-mail

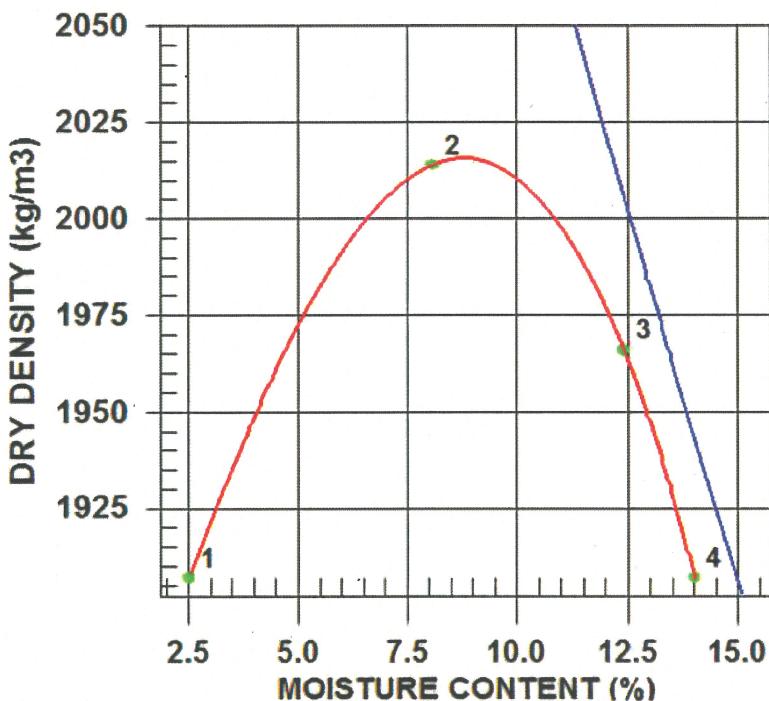
PROJECT Mount Polley Construction Program
Stage 6B

Mount Polley Mine
Likely

CONTRACTOR

PROCTOR NO. 7 DATE TESTED 2010.Apr.13 DATE RECEIVED 2010.Apr.09 DATE SAMPLED 2010.Apr.07

| | | | |
|-------------------------|------------------|------------------------------------|-------------------|
| INSITU MOISTURE | N/A % | COMPACTATION STANDARD | Standard Proctor, |
| SAMPLED BY | MS - Client | ASTM D698 | |
| TESTED BY | SR/EM | A: 101.6mm Mold, Passing 4.75mm | |
| SUPPLIER | | Automatic | |
| SOURCE | C-S6B-ZS-03-2010 | Moist | |
| MATERIAL IDENTIFICATION | | ASTM 4718 | |
| MAJOR COMPONENT | TILL | 20.0 % | |
| SIZE | 50MM | 2.67 | |
| DESCRIPTION | | | |
| ROCK TYPE | | TOTAL NUMBER OF TRIALS | 4 |



| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 1955 | 1907 | 2.5 |
| 2 | 2177 | 2014 | 8.1 |
| 3 | 2210 | 1966 | 12.4 |
| 4 | 2174 | 1907 | 14.0 |

| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.67 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|---|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2020 2120 | 9.0 7.5 |

COMMENTS

FINE SG = 2.682 / COARSE SG = 2.671

Re: Plate C9 and B4, Sieve #18

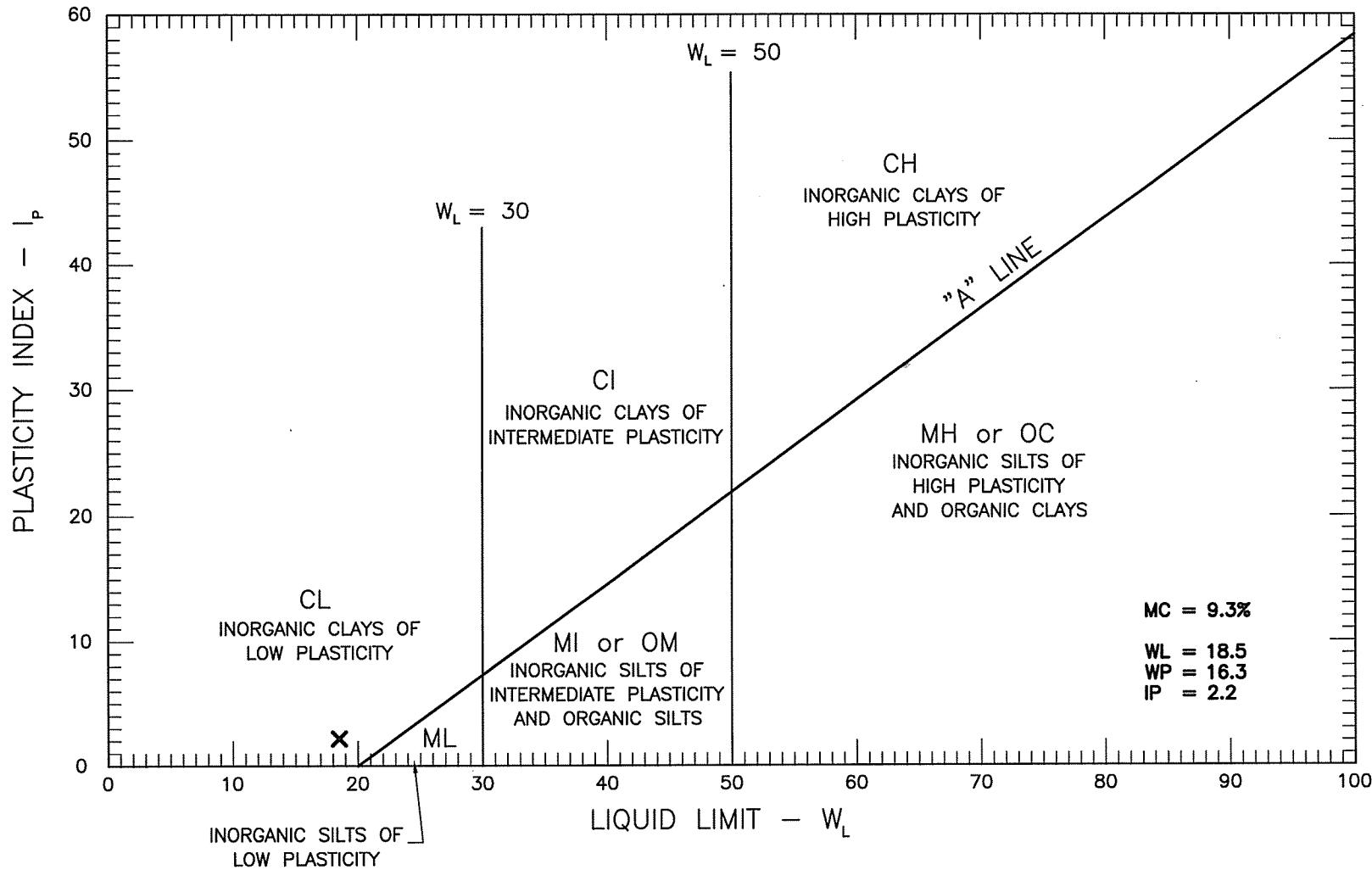
GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corp. | | | | | | Date: April 15, 2010 | | | | | |
|--|-------------------------|--------------------|--------------------|-----------------------|---------------------------|------------------------------|-----------------|----------------------|---------------|-------------------------|-----------|
| Project Name: Mount Polley Construction Progra Stage 6B | | | | | | Project #: K-2937 | | | | | |
| Source/Location: C-S6B-ZS-03-2010 | | | | | | Type: Till | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | Time: | | | | | | | |
| Sampled By: Client | Tested By: Deb | | | Checked By: Nancy | | | | | | | |
| Date Sampled: 04/07/10 | Date Received: 04/09/10 | | | Date Tested: 04/13/10 | | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 75.4 | |
| Wet Wt. & Tare | 627.2 | 25.4 | | | | 20 | 2.9 | 47.1 | 94.2 | 71.0 | |
| Dry Wt. & Tare | 589.7 | 19.0 | | | | 40 | 3.4 | 43.7 | 87.4 | 65.9 | |
| Water Wt. | 37.5 | 12.5 | | | | 60 | 4.0 | 39.7 | 79.4 | 59.9 | |
| Tare Wt. | 181.5 | 9.5 | | | | 100 | 4.3 | 35.4 | 70.8 | 53.4 | |
| Wt. Of Dry Soil | 408.2 | 4.75 | RE: SIEVE TEST #18 | | | 200 | 5.8 | 29.6 | 59.2 | 44.6 | |
| Moisture Content % | 9.2 | 10 | PLATE No. C9 | | | Pan | 29.6 | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | |
| = $(100 \times \text{Wet Soil Wt.}) / (100 + \text{Initial Moisture})$ | | | | | | Unwashed Wt. = | | | | | |
| | | Total | 408.2 | | | Tare | | Wt. Passing #200 = | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(%/#10) |
| 50.0 | 0.754 | 0.5 | 37.0 | 18.0 | 0.01399 | 29.0 | 11.5 | 4.798 | 0.067 | 58.0 | 43.7 |
| 50.0 | 0.754 | 1 | 32.5 | 18.0 | 0.01399 | 24.5 | 12.3 | 3.500 | 0.049 | 49.0 | 36.9 |
| 50.0 | 0.754 | 2 | 30.0 | 18.0 | 0.01399 | 22.0 | 12.7 | 2.516 | 0.035 | 44.0 | 33.2 |
| 50.0 | 0.754 | 4 | 29.0 | 18.0 | 0.01399 | 21.0 | 12.8 | 1.791 | 0.025 | 42.0 | 31.7 |
| 50.0 | 0.754 | 8 | 26.0 | 18.0 | 0.01399 | 18.0 | 13.3 | 1.291 | 0.018 | 36.0 | 27.1 |
| 50.0 | 0.754 | 15 | 24.0 | 18.0 | 0.01399 | 16.0 | 13.7 | 0.954 | 0.013 | 32.0 | 24.1 |
| 50.0 | 0.754 | 30 | 21.0 | 18.0 | 0.01399 | 13.0 | 14.2 | 0.687 | 0.010 | 26.0 | 19.6 |
| 50.0 | 0.754 | 60 | 18.5 | 19.0 | 0.01382 | 10.5 | 14.6 | 0.493 | 0.007 | 21.0 | 15.8 |
| 50.0 | 0.754 | 120 | 17.0 | 19.0 | 0.01382 | 9.0 | 14.8 | 0.351 | 0.005 | 18.0 | 13.6 |
| 50.0 | 0.754 | 240 | 14.5 | 19.0 | 0.01382 | 6.5 | 15.2 | 0.252 | 0.003 | 13.0 | 9.8 |
| 50.0 | 0.754 | 480 | 13.0 | 20.0 | 0.01365 | 5.0 | 15.5 | 0.180 | 0.002 | 10.0 | 7.5 |
| 50.0 | 0.754 | 1440 | 13.0 | 20.0 | 0.01365 | 5.0 | 15.5 | 0.104 | 0.001 | 10.0 | 7.5 |
| Hydrometer #: 790414 | | | Graduate #: | | | Dispersing Agent: Sodium Hex | | | Amount: 125ml | | |
| Density of Solids: | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

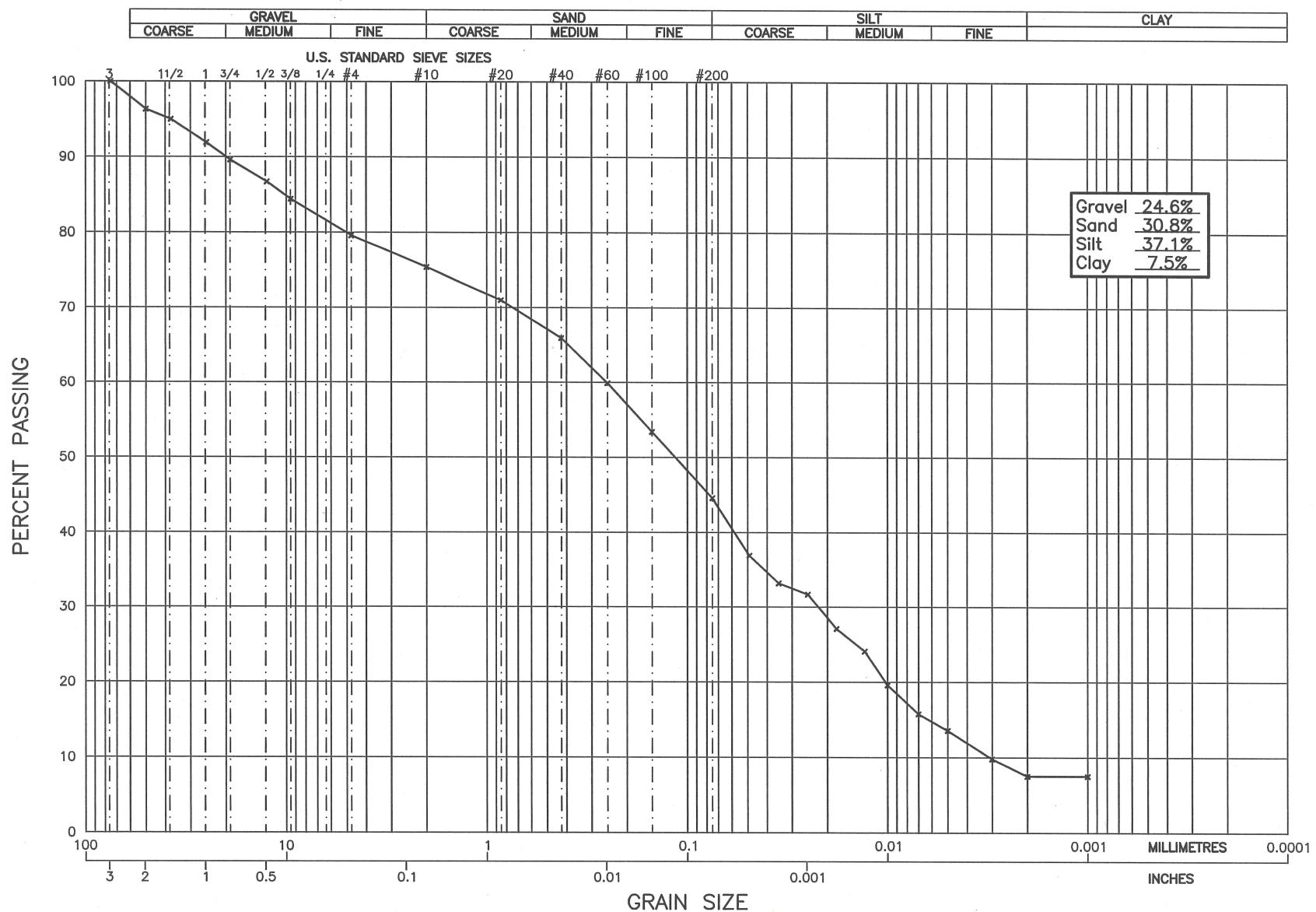
NOELCO



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 ATTERBERG LIMITS OF C-S6B-ZS-03-2010

PROJECT NO.
 K-2937
 PLATE NO.
 2937-B4



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF C-S6B-ZS-03-2010

| |
|-----------------------|
| PROJECT NO. K-2937 |
| PLATE NO. 2937-C9 |

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

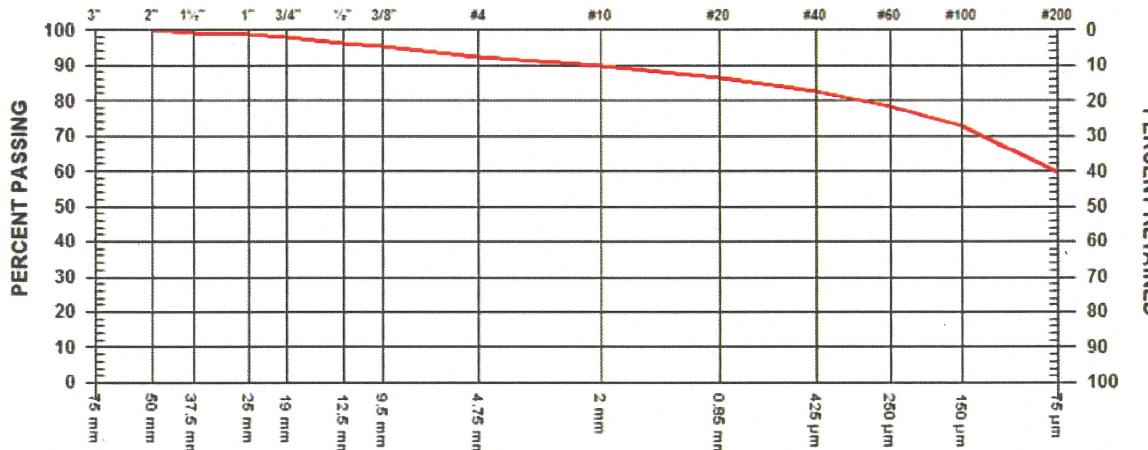
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 34 DATE RECEIVED 2010.Jun.01 DATE TESTED 2010.Jun.03 DATE SAMPLED 2010.May.27

| | | | |
|---------------|------------------|-------------|--------|
| SUPPLIER | C-S6B-ZS-04-2010 | SAMPLED BY | CLIENT |
| SOURCE | | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | TILL | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 100.0 | |
| 1 1/2" | 37.5 mm | 99.4 | |
| 1" | 25 mm | 98.7 | |
| 3/4" | 19 mm | 98.0 | |
| 1/2" | 12.5 mm | 96.4 | |
| 3/8" | 9.5 mm | 95.3 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 92.5 | |
| No. 10 | 2.00 mm | 89.9 | |
| No. 20 | 850 µm | 86.3 | |
| No. 40 | 425 µm | 82.8 | |
| No. 60 | 250 µm | 78.5 | |
| No. 100 | 150 µm | 72.8 | |
| No. 200 | 75 µm | 59.7 | |

COMMENTS

Location: PE Borrow

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

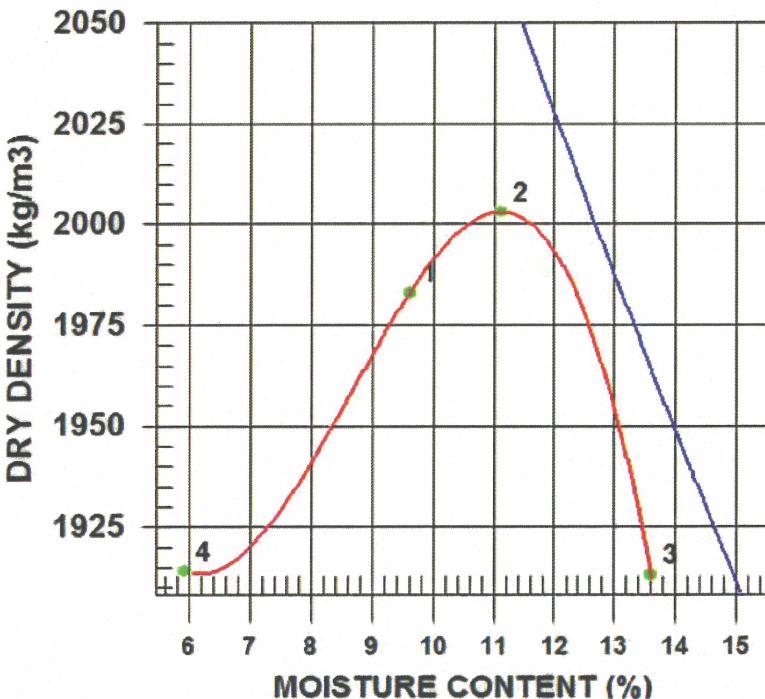
Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 9

DATE TESTED 2010.Jun.03 DATE RECEIVED 2010.Jun.01 DATE SAMPLED 2010.May.27

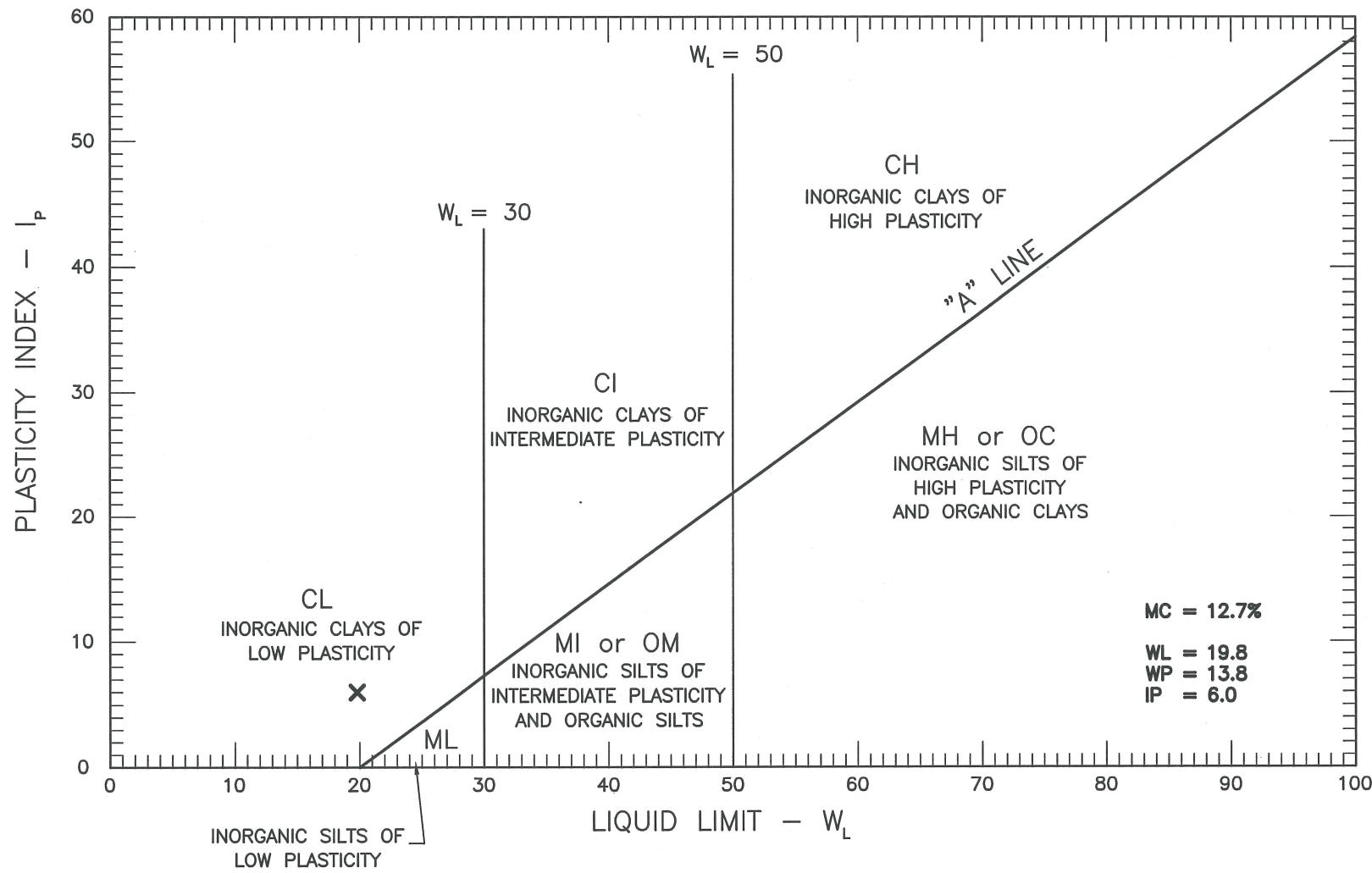
| | | | |
|-------------------------|------------------|----------------------------|------------------------------------|
| INSITU MOISTURE | N/A % | COMPACTATION STANDARD | Standard Proctor, |
| SAMPLED BY | CLIENT | | ASTM D698 |
| TESTED BY | JM | COMPACTATION PROCEDURE | A: 101.6mm Mold, Passing 4.75mm |
| SUPPLIER | | RAMMER TYPE | Automatic |
| SOURCE | C-S6B-ZS-04-2010 | PREPARATION | Moist |
| MATERIAL IDENTIFICATION | | Oversize Correction Method | ASTM 4718 |
| MAJOR COMPONENT | TILL | Retained 4.75mm Screen | 7.0 % |
| SIZE | 37mm | Oversize Specific Gravity | 2.68 |
| DESCRIPTION | | Total Number of Trials | 4 |
| ROCK TYPE | | | |



COMMENTS

| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2173 | 1983 | 9.6 |
| 2 | 2225 | 2003 | 11.1 |
| 3 | 2173 | 1913 | 13.6 |
| 4 | 2027 | 1914 | 5.9 |

| | | |
|---|-----------------------------|------------------------------|
| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.68 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
| CALCULATED OVERSIZE CORRECTED | 2000 2040 | 11.0 10.5 |



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
ATTERBERG LIMITS OF C-S6B-ZS-04-2010

| | |
|-------------|---------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-B5 |

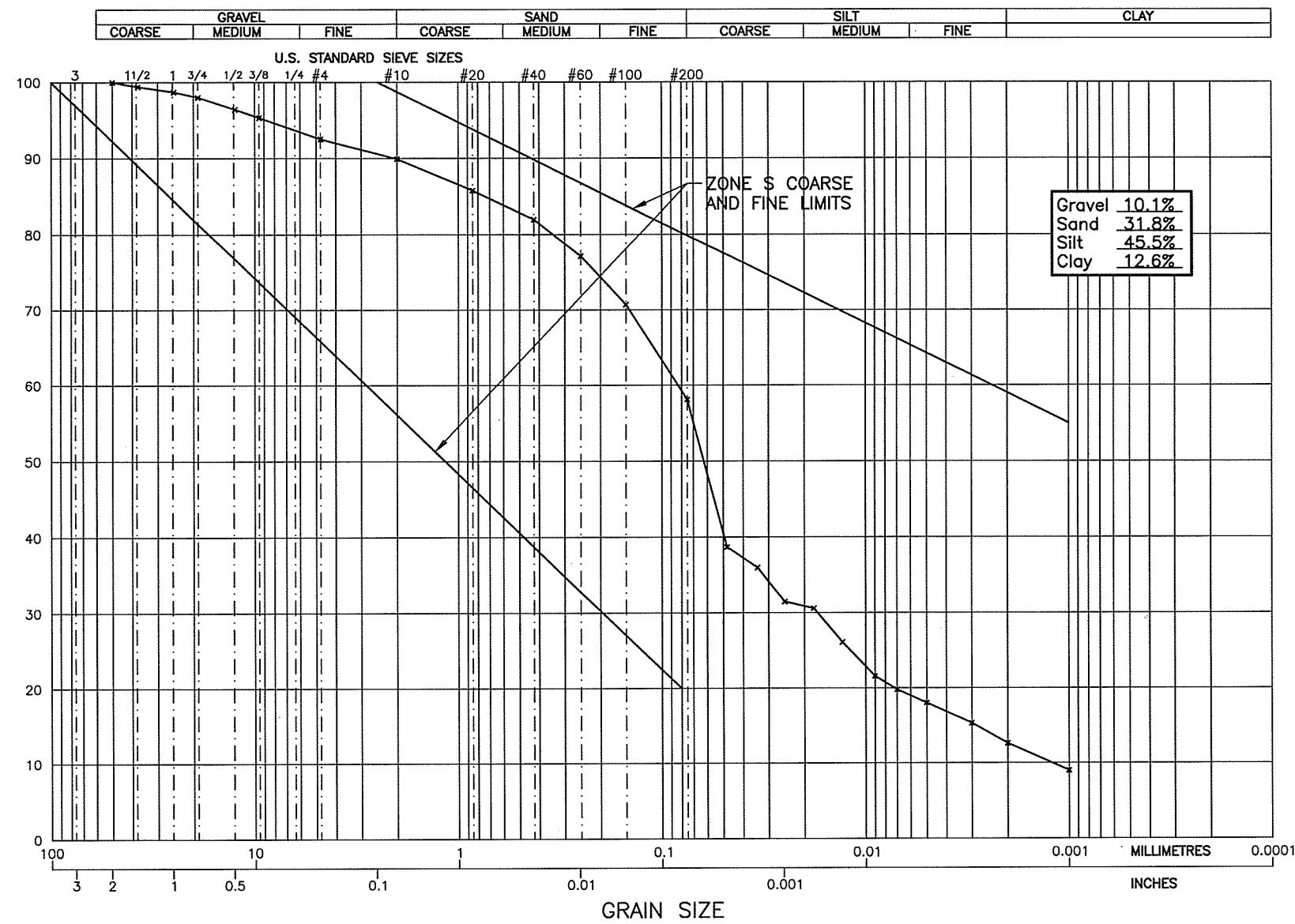
GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | | Date: June 3, 2010 | | | | | |
|---|-------------|-----------------------------|----------------------|-------------------|---------------------------|------------------------------|-----------------|---------------------------|---------------|-------------------------|-------------|
| Project Name: MPCP Stage 6B | | | | | | Project #: K-2937 | | | | | |
| Source/Location: C-S6B-ZS-04-2010 | | | | | | Type: Till | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | | | | | Time: | | | |
| Sampled By: Client | | Tested By: DJ | | | | | | Checked By: | | | |
| Date Sampled: May 27, 2010 | | Date Received: June 1, 2010 | | | | | | Date Tested: June 2, 2010 | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 89.9 | |
| Wet Wt. & Tare | 1043.3 | 25.4 | | | | 20 | 2.3 | 47.7 | 95.4 | 85.8 | |
| Dry Wt. & Tare | 945.9 | 19.0 | | | | 40 | 2.1 | 45.6 | 91.2 | 82.0 | |
| Water Wt. | 97.4 | 12.5 | | | | 60 | 2.7 | 42.9 | 85.8 | 77.1 | |
| Tare Wt. | 179.9 | 9.5 | See Sieve Test No.34 | | | 100 | 3.6 | 39.3 | 78.6 | 70.7 | |
| Wt. Of Dry Soil | 766.0 | 4.75 | | | | 200 | 7.0 | 32.3 | 64.6 | 58.1 | |
| Moisture Content % | 12.7 | 10 | | | 89.9 | Pan | 32.3 | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | |
| $=(100 \times \text{Wet Soil Wt.}) / (100 + \text{Initial Moisture})$ = | | | | | | Unwashed Wt. = | | | | | |
| | | Total | 766.0 | | | Tare | | Wt. Passing #200 = | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(% - #10) |
| 50.0 | 0.899 | 0.5 | 34.0 | 21.0 | 0.01348 | 26.0 | 12.0 | 4.900 | 0.066 | 52.0 | 46.7 |
| 50.0 | 0.899 | 1 | 29.5 | 21.0 | 0.01348 | 21.5 | 12.7 | 3.570 | 0.048 | 43.0 | 38.7 |
| 50.0 | 0.899 | 2 | 28.0 | 21.0 | 0.01348 | 20.0 | 13.0 | 2.549 | 0.034 | 40.0 | 36.0 |
| 50.0 | 0.899 | 4 | 25.5 | 21.0 | 0.01348 | 17.5 | 13.4 | 1.831 | 0.025 | 35.0 | 31.5 |
| 50.0 | 0.899 | 8 | 25.0 | 21.0 | 0.01348 | 17.0 | 13.5 | 1.299 | 0.018 | 34.0 | 30.6 |
| 50.0 | 0.899 | 15 | 22.5 | 21.0 | 0.01348 | 14.5 | 13.9 | 0.963 | 0.013 | 29.0 | 26.1 |
| 50.0 | 0.899 | 30 | 20.0 | 21.0 | 0.01348 | 12.0 | 14.3 | 0.691 | 0.009 | 24.0 | 21.6 |
| 50.0 | 0.899 | 60 | 19.0 | 21.0 | 0.01348 | 11.0 | 14.5 | 0.491 | 0.007 | 22.0 | 19.8 |
| 50.0 | 0.899 | 120 | 18.0 | 21.0 | 0.01348 | 10.0 | 14.6 | 0.349 | 0.005 | 20.0 | 18.0 |
| 50.0 | 0.899 | 240 | 16.5 | 21.0 | 0.01348 | 8.5 | 14.9 | 0.249 | 0.003 | 17.0 | 15.3 |
| 50.0 | 0.899 | 480 | 15.0 | 21.0 | 0.01348 | 7.0 | 15.1 | 0.178 | 0.002 | 14.0 | 12.6 |
| 50.0 | 0.899 | 1440 | 13.0 | 20.0 | 0.01365 | 5.0 | 15.5 | 0.104 | 0.001 | 10.0 | 9.0 |
| Hydrometer #: 790414 | | | Graduate #: | | | Dispersing Agent: Sodium Hex | | | Amount: 125ml | | |
| Density of Solids: | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

NOELCO



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF C-S6B-ZS-04-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C15

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

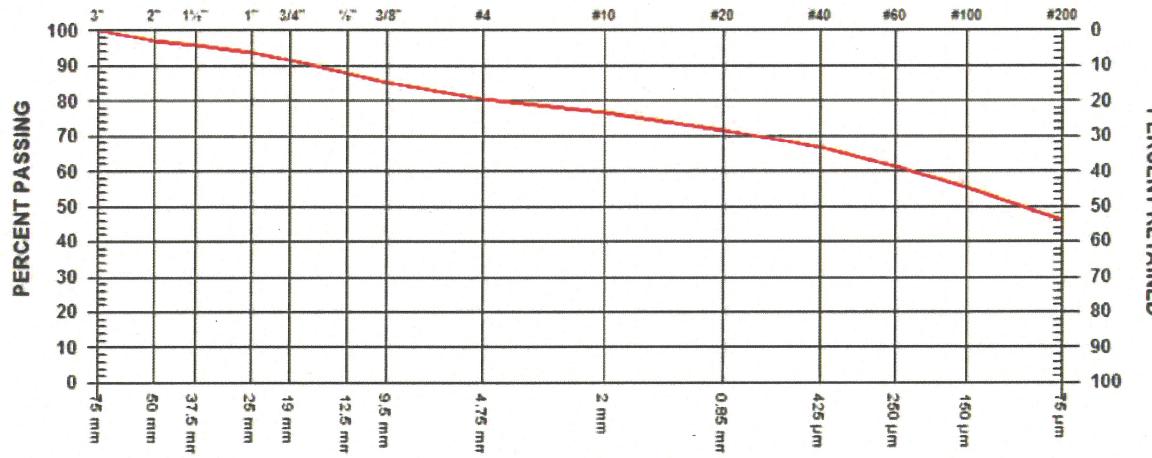
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 35 DATE RECEIVED 2010.Jun.01 DATE TESTED 2010.Jun.03 DATE SAMPLED 2010.May.27

SUPPLIER
 SOURCE C-S6B-ZS-05-2010
 SPECIFICATION
 MATERIAL TYPE TILL

SAMPLED BY CLIENT
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 96.9 | |
| 1 1/2" | 37.5 mm | 96.0 | |
| 1" | 25 mm | 93.7 | |
| 3/4" | 19 mm | 91.4 | |
| 1/2" | 12.5 mm | 87.8 | |
| 3/8" | 9.5 mm | 85.3 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 80.4 | |
| No. 10 | 2.00 mm | 76.6 | |
| No. 20 | 850 µm | 71.7 | |
| No. 40 | 425 µm | 66.8 | |
| No. 60 | 250 µm | 61.4 | |
| No. 100 | 150 µm | 55.4 | |
| No. 200 | 75 µm | 45.8 | |

COMMENTS

Location: PE Borrow

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | Date: June 3, 2010 | | | | | | |
|--|-------------|-----------------------------|----------------------|-------------------|------------------------------|------------------|-----------------|--------------------------|--------------|-------------------------|-----------|
| Project Name: MPCP Stage 6B | | | | | Project #: K-2937 | | | | | | |
| Source/Location: C-S6B-ZS-05-2010 | | | | | Type: Till | | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | | Time: | | | | | | |
| Sampled By: Client | | Tested By: DJ | | | Checked By: | | | | | | |
| Date Sampled: May 27, 2010 | | Date Received: June 1, 2010 | | | Date Tested: June 2, 2010 | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 76.6 | |
| Wet Wt. & Tare | 1052.7 | 25.4 | | | | 20 | 2.2 | 47.8 | 95.6 | 73.2 | |
| Dry Wt. & Tare | 954.6 | 19.0 | | | | 40 | 3.1 | 44.7 | 89.4 | 68.5 | |
| Water Wt. | 98.1 | 12.5 | | | | 60 | 3.5 | 41.2 | 82.4 | 63.1 | |
| Tare Wt. | 179.4 | 9.5 | See Sieve Test No.35 | | | 100 | 4.1 | 37.1 | 74.2 | 56.8 | |
| Wt. Of Dry Soil | 775.2 | 4.75 | | | | 200 | 5.6 | 31.5 | 63.0 | 48.3 | |
| Moisture Content % | 12.7 | 10 | | | 76.6 | Pan | 31.5 | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | |
| = $(100 \times \text{Wet Soil Wt.}) / (100 + \text{Initial Moisture})$ = | | | | | | Unwashed Wt. = | | | | | |
| | | | | | | Tare | | Wt. Passing #200 = _____ | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(% #10) |
| 50.0 | 0.766 | 0.5 | 35.0 | 21.0 | 0.01328 | 27.0 | 11.8 | 4.866 | 0.065 | 54.0 | 41.4 |
| 50.0 | 0.766 | 1 | 31.0 | 21.0 | 0.01328 | 23.0 | 12.5 | 3.536 | 0.047 | 46.0 | 35.2 |
| 50.0 | 0.766 | 2 | 30.0 | 21.0 | 0.01328 | 22.0 | 12.7 | 2.516 | 0.033 | 44.0 | 33.7 |
| 50.0 | 0.766 | 4 | 28.0 | 21.0 | 0.01328 | 20.0 | 13.0 | 1.802 | 0.024 | 40.0 | 30.6 |
| 50.0 | 0.766 | 8 | 26.0 | 21.0 | 0.01328 | 18.0 | 13.3 | 1.291 | 0.017 | 36.0 | 27.6 |
| 50.0 | 0.766 | 15 | 24.0 | 21.0 | 0.01328 | 16.0 | 13.7 | 0.954 | 0.013 | 32.0 | 24.5 |
| 50.0 | 0.766 | 30 | 22.5 | 21.0 | 0.01328 | 14.5 | 13.9 | 0.681 | 0.009 | 29.0 | 22.2 |
| 50.0 | 0.766 | 60 | 20.0 | 21.0 | 0.01328 | 12.0 | 14.3 | 0.488 | 0.006 | 24.0 | 18.4 |
| 50.0 | 0.766 | 120 | 19.5 | 21.0 | 0.01328 | 11.5 | 14.4 | 0.346 | 0.005 | 23.0 | 17.6 |
| 50.0 | 0.766 | 240 | 19.0 | 21.0 | 0.01328 | 11.0 | 14.5 | 0.246 | 0.003 | 22.0 | 16.9 |
| 50.0 | 0.766 | 480 | 17.0 | 21.0 | 0.01328 | 9.0 | 14.8 | 0.176 | 0.002 | 18.0 | 13.8 |
| 50.0 | 0.766 | 1440 | 14.0 | 20.0 | 0.01344 | 6.0 | 15.3 | 0.103 | 0.001 | 12.0 | 9.2 |
| Hydrometer #: 790414 | | Graduate #: | | | Dispersing Agent: Sodium Hex | | | | | Amount: 125ml | |
| Density of Solids: | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

NOELCO

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

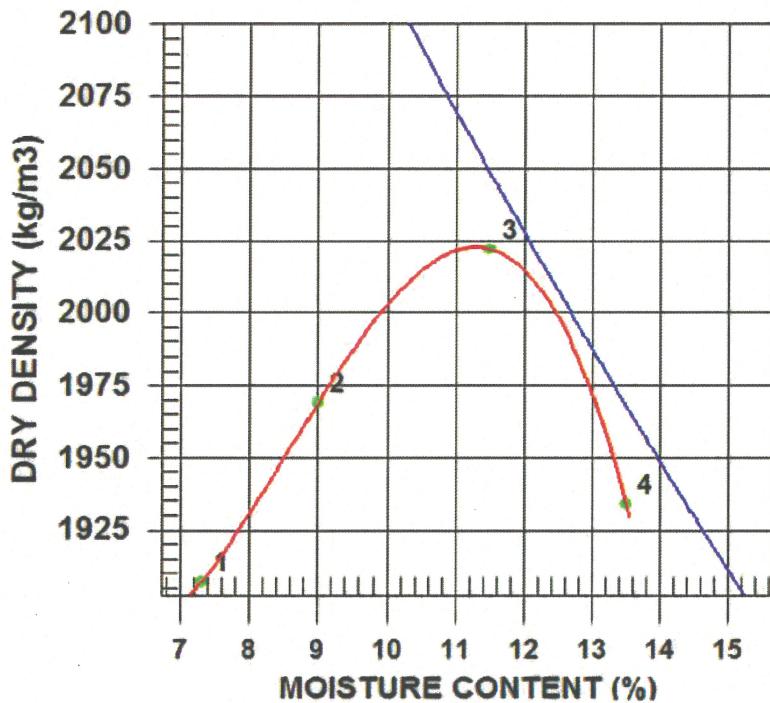
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 10 DATE TESTED 2010.Jun.03 DATE RECEIVED 2010.Jun.01 DATE SAMPLED 2010.May.27

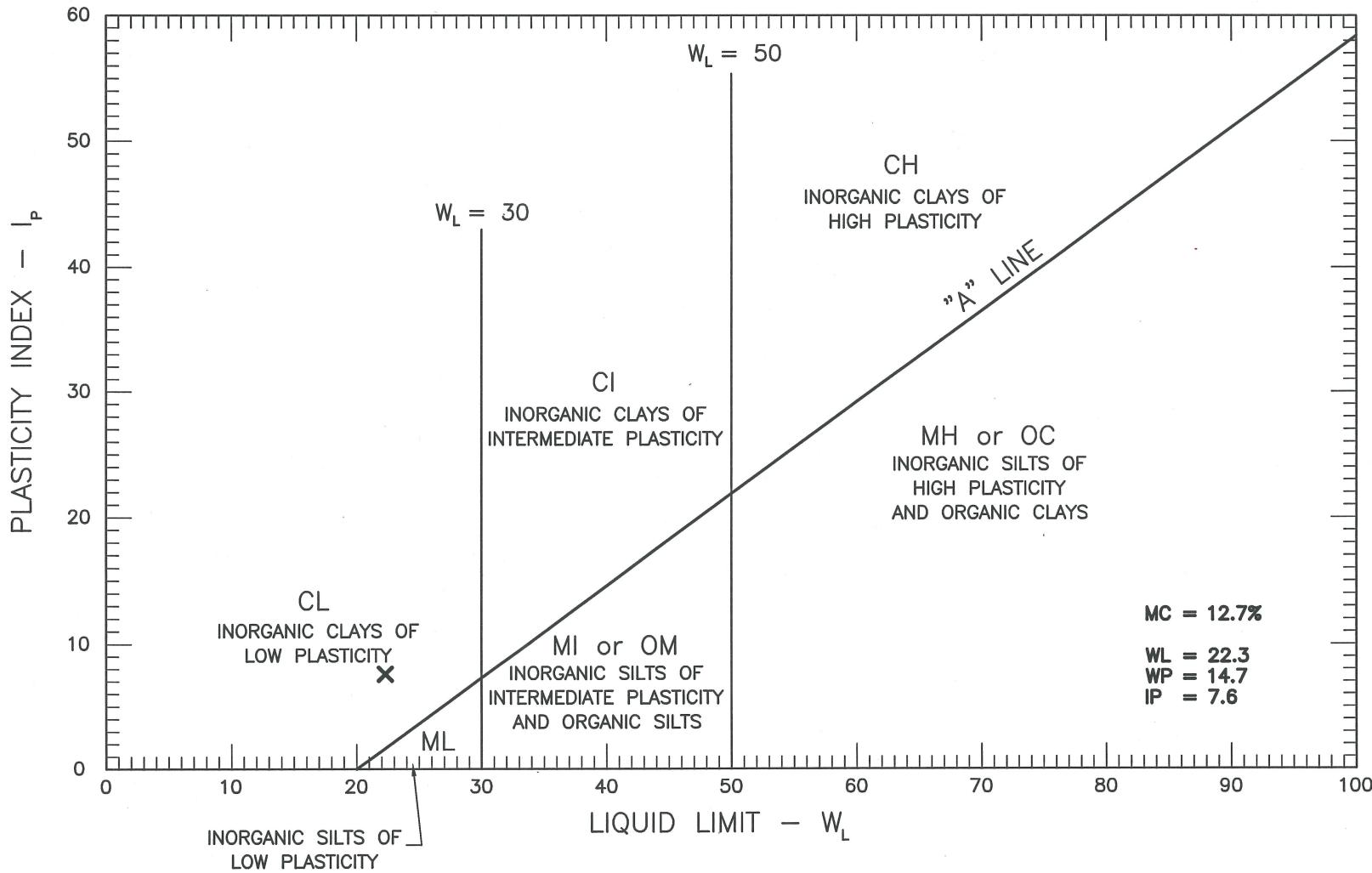
| | | | |
|-------------------------|------------------|------------------------------------|-------------------|
| INSITU MOISTURE | N/A % | COMPACTATION STANDARD | Standard Proctor, |
| SAMPLED BY | CLIENT | ASTM D698 | |
| TESTED BY | JM | A: 101.6mm Mold, Passing 4.75mm | |
| SUPPLIER | | Automatic | |
| SOURCE | C-S6B-ZS-04-2010 | Moist | |
| MATERIAL IDENTIFICATION | | ASTM 4718 | |
| MAJOR COMPONENT | TILL | 18.6 % | |
| SIZE | 50mm | 2.68 | |
| DESCRIPTION | | 4 | |
| ROCK TYPE | | | |



COMMENTS

| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2046 | 1907 | 7.3 |
| 2 | 2146 | 1969 | 9.0 |
| 3 | 2254 | 2022 | 11.5 |
| 4 | 2195 | 1934 | 13.5 |

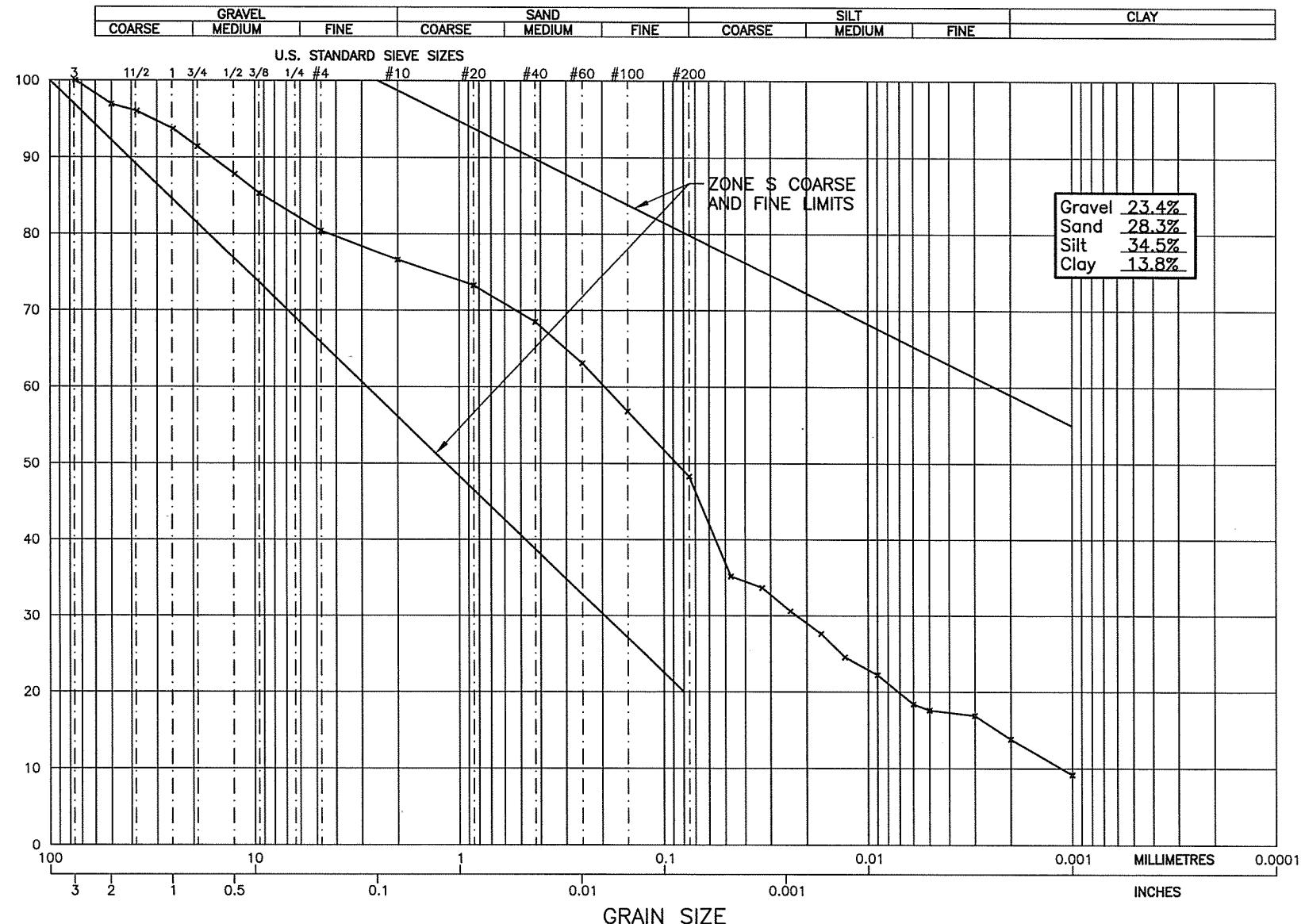
| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.68 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|---|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2020 2120 | 11.5 9.5 |



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 ATTERBERG LIMITS OF C-S6B-ZS-05-2010

| | |
|-------------|---------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-B6 |



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 GRAIN SIZE ANALYSIS OF C-S6B-ZS-05-2010

PROJECT NO.
 K-2937
 PLATE NO.
 2937-C16



APPENDIX A2

ZONE S RECORD

(Pages A2-1 to A2-62)

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Les Galbraith @ 604-685-0147

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 3 DATE RECEIVED 2009.Dec.15 DATE TESTED 2009.Dec.16 DATE SAMPLED 2009.Dec.10

SUPPLIER
 SOURCE CH 6+25, SE
 SPECIFICATION
 MATERIAL TYPE TILL

SAMPLED BY CLIENT
 TESTED BY RO
 TEST METHOD WASHED



| GRAVEL SIZES | | | PERCENT PASSING | GRADATION LIMITS |
|--------------|------|----|-----------------|------------------|
| 3" | 75 | mm | 100.0 | |
| 2" | 50 | mm | 98.9 | |
| 1 1/2" | 37.5 | mm | 98.0 | |
| 1" | 25 | mm | 95.6 | |
| 3/4" | 19 | mm | 93.0 | |
| 1/2" | 12.5 | mm | 89.4 | |
| 3/8" | 9.5 | mm | 87.3 | |

| SAND SIZES AND FINES | | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|------|----|-----------------|------------------|
| No. 4 | 4.75 | mm | 81.8 | |
| No. 10 | 2.00 | mm | 76.7 | |
| No. 20 | 850 | µm | 71.0 | |
| No. 40 | 425 | µm | 64.9 | |
| No. 60 | 250 | µm | 58.2 | |
| No. 100 | 150 | µm | 51.7 | |
| No. 200 | 75 | µm | 42.8 | |

COMMENTS

RE: Plate No. 2937-B1

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polly Mining Corporation | | | | | Date: December 18, 2009 | | | | | | |
|--|---------|---------------------------|------------------|-------------------|---|------------------|-----------------|----------------------|--------------|-------------------------|-------------|
| Project Name: MPCP - Stage 6B | | | | | Re: Plate No. 2937-B1 (grain size analysis) | | | | | | |
| Source/Location: CH 6+25, SE | | | | | Re: Washed Sieve Test No. 3 | | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | | Type: Till | | | | | | |
| Sampled By: Client | | Tested By: SR | | | Checked By: NK | | | | | | |
| Date Sampled: 12/10/2009 | | Date Received: 12/15/2009 | | | Date Tested: 12/17/2009 | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 76.7 | |
| Wet Wt. & Tare | | 25.4 | | | | 20 | 3.4 | 46.6 | 93.2 | 71.5 | |
| Dry Wt. & Tare | | 19.0 | | | | 40 | 4.1 | 42.5 | 85.0 | 65.2 | |
| Water Wt. | | 12.5 | | | | 60 | 4.6 | 37.9 | 75.8 | 58.1 | |
| Tare Wt. | | 9.5 | | | | 100 | 4.4 | 33.5 | 67.0 | 51.4 | |
| Wt. Of Dry Soil | | 4.75 | | | | 200 | 5.8 | 27.7 | 55.4 | 42.5 | |
| Moisture Content % | 9.3 | 10 | SEE WASHED SIEVE | | | Pan | 27.7 | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | |
| = $(100 \times \text{Wet Soil Wt.}) / (100 + \text{Initial Moisture})$ | | | | | | Unwashed Wt.= | | | | | |
| | | | Total | | | Tare | | Wt. Passing #200 = | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(% - #10) |
| 50.0 | 0.767 | 0.5 | 35.0 | 20.0 | 0.01365 | 27.0 | 11.8 | 4.866 | 0.066 | 54.0 | 41.4 |
| 50.0 | 0.767 | 1 | 32.0 | 20.0 | 0.01365 | 24.0 | 12.3 | 3.512 | 0.048 | 48.0 | 36.8 |
| 50.0 | 0.767 | 2 | 30.0 | 20.0 | 0.01365 | 22.0 | 12.7 | 2.516 | 0.034 | 44.0 | 33.7 |
| 50.0 | 0.767 | 4 | 27.5 | 20.0 | 0.01365 | 19.5 | 13.1 | 1.808 | 0.025 | 39.0 | 29.9 |
| 50.0 | 0.767 | 8 | 25.5 | 20.0 | 0.01365 | 17.5 | 13.4 | 1.295 | 0.018 | 35.0 | 26.8 |
| 50.0 | 0.767 | 15 | 22.0 | 20.0 | 0.01365 | 14.0 | 14.0 | 0.966 | 0.013 | 28.0 | 21.5 |
| 50.0 | 0.767 | 30 | 20.0 | 20.0 | 0.01365 | 12.0 | 14.3 | 0.691 | 0.009 | 24.0 | 18.4 |
| 50.0 | 0.767 | 60 | 17.5 | 20.0 | 0.01365 | 9.5 | 14.7 | 0.495 | 0.007 | 19.0 | 14.6 |
| 50.0 | 0.767 | 120 | 16.0 | 20.0 | 0.01365 | 8.0 | 15.0 | 0.353 | 0.005 | 16.0 | 12.3 |
| 50.0 | 0.767 | 240 | 14.0 | 20.0 | 0.01365 | 6.0 | 15.3 | 0.253 | 0.003 | 12.0 | 9.2 |
| 50.0 | 0.767 | 480 | 13.0 | 20.0 | 0.01365 | 5.0 | 15.5 | 0.180 | 0.002 | 10.0 | 7.7 |
| 50.0 | 0.767 | 1440 | 13.0 | 19.0 | 0.01382 | 5.0 | 15.5 | 0.104 | 0.001 | 10.0 | 7.7 |
| Hydrometer #: 790414 | | Graduate #: | | | Dispersing Agent: Sodium Hex | | | | | Amount: 125ml | |
| Density of Solids: | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

NOELCO

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Les Galbraith @ 604-685-0147

PROJECT Mount Polley Construction Program
 Stage 6B

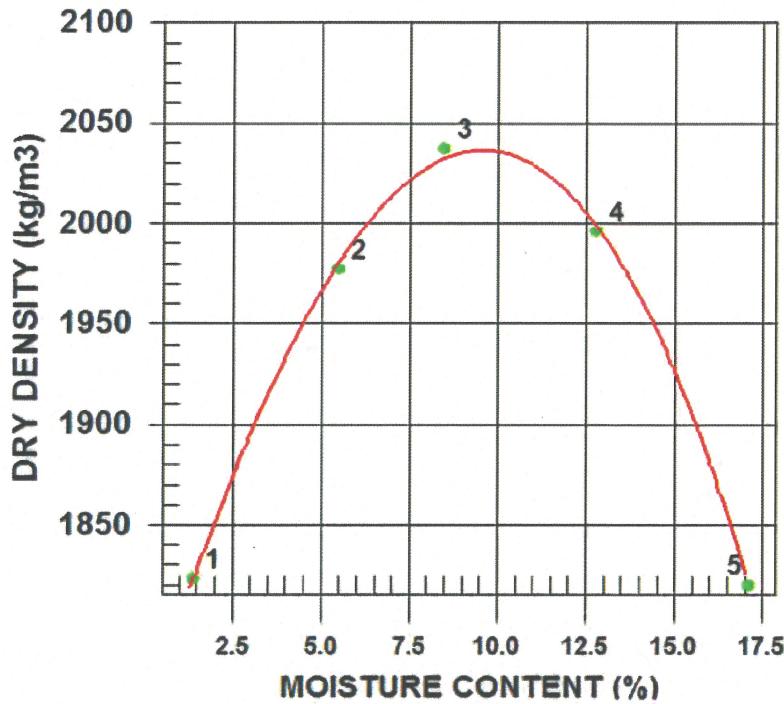
Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 1

DATE TESTED 2009.Dec.17 DATE RECEIVED 2009.Dec.15 DATE SAMPLED 2009.Dec.10

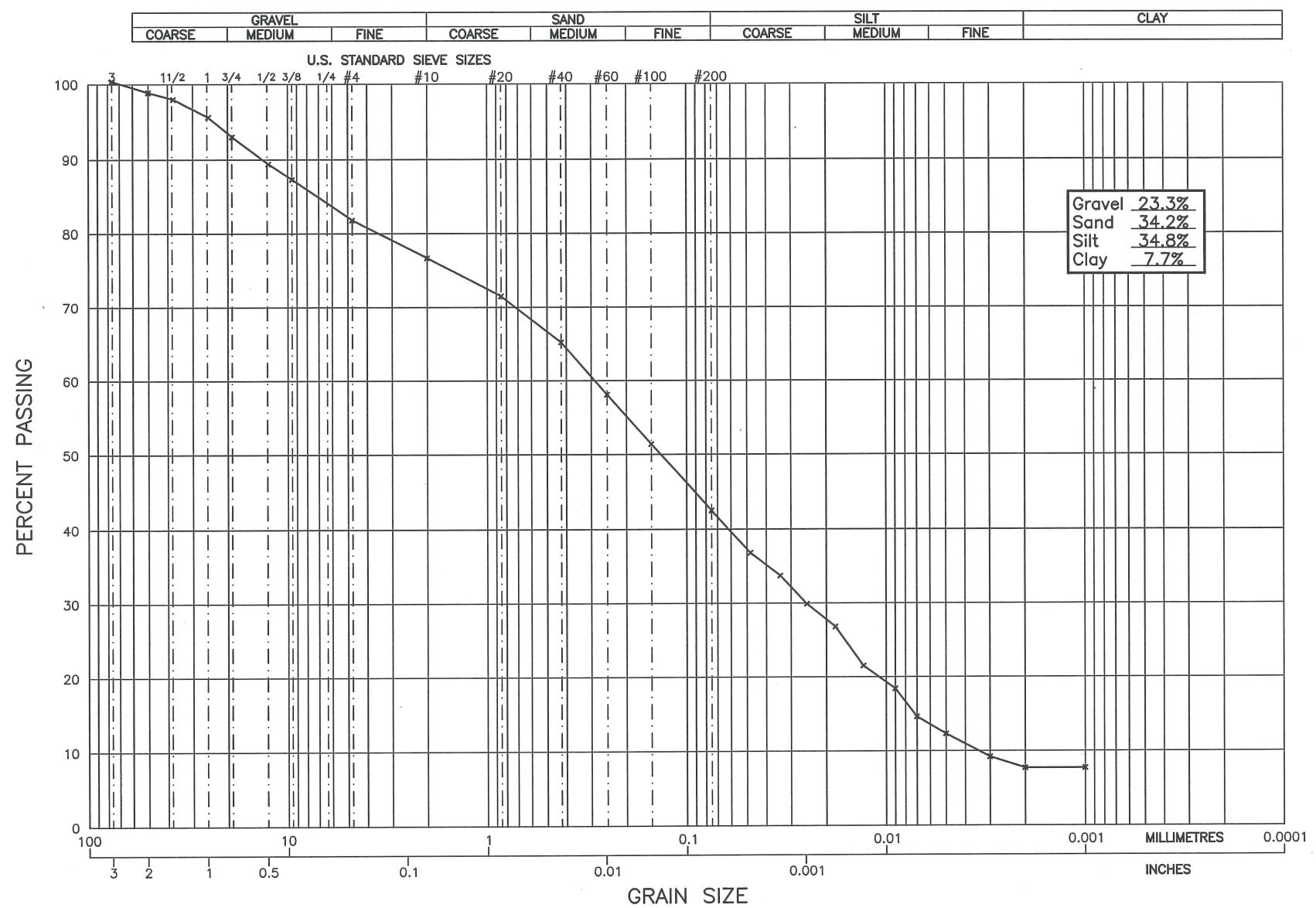
| | | | |
|-------------------------|-------------|----------------------------|------------------------------------|
| INSITU MOISTURE | N/A % | COMPACTON STANDARD | Standard Proctor, ASTM D698 |
| SAMPLED BY | CLIENT | COMPACTON PROCEDURE | A: 101.6mm Mold, Passing 4.75mm |
| TESTED BY | RO | RAMMER TYPE | Automatic |
| SUPPLIER | | PREPARATION | Moist |
| SOURCE | CH 6+25, SE | OVERSIZE CORRECTION METHOD | ASTM 4718 |
| MATERIAL IDENTIFICATION | | RETAINED 4.75mm SCREEN | 18.0 % |
| MAJOR COMPONENT | TILL | OVERSIZE SPECIFIC GRAVITY | 2.65 |
| SIZE | 75MM | TOTAL NUMBER OF TRIALS | 5 |
| DESCRIPTION | | | |
| ROCK TYPE | | | |



| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 1849 | 1823 | 1.4 |
| 2 | 2086 | 1977 | 5.5 |
| 3 | 2210 | 2037 | 8.5 |
| 4 | 2252 | 1996 | 12.8 |
| 5 | 2131 | 1820 | 17.1 |

| | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|-------------------------------|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2040 2130 | 9.5 8.0 |

COMMENTS



TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ email

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 4 DATE RECEIVED 2010.Mar.03 DATE TESTED 2010.Mar.04 DATE SAMPLED 2010.Feb.27

SUPPLIER
 SOURCE R-S6B-ZS-01-2010
 SPECIFICATION
 MATERIAL TYPE TILL

SAMPLED BY CLIENT
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | 100.0 | |
| 1 1/2" | 37.5 mm | 98.5 | |
| 1" | 25 mm | 96.3 | |
| 3/4" | 19 mm | 93.2 | |
| 1/2" | 12.5 mm | 89.2 | |
| 3/8" | 9.5 mm | 86.9 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 82.9 | |
| No. 10 | 2.00 mm | 76.5 | |
| No. 20 | 850 μm | 71.5 | |
| No. 40 | 425 μm | 67.1 | |
| No. 60 | 250 μm | 62.3 | |
| No. 100 | 150 μm | 57.0 | |
| No. 200 | 75 μm | 48.8 | |

MOISTURE CONTENT 14.1%

COMMENTS

RE: PROCTOR REPORT No. 2 and PLATE No. 2937-C1

Location: PE, Chainage: 4050, Elevation: 954.6, Offset: c/l to Zone S

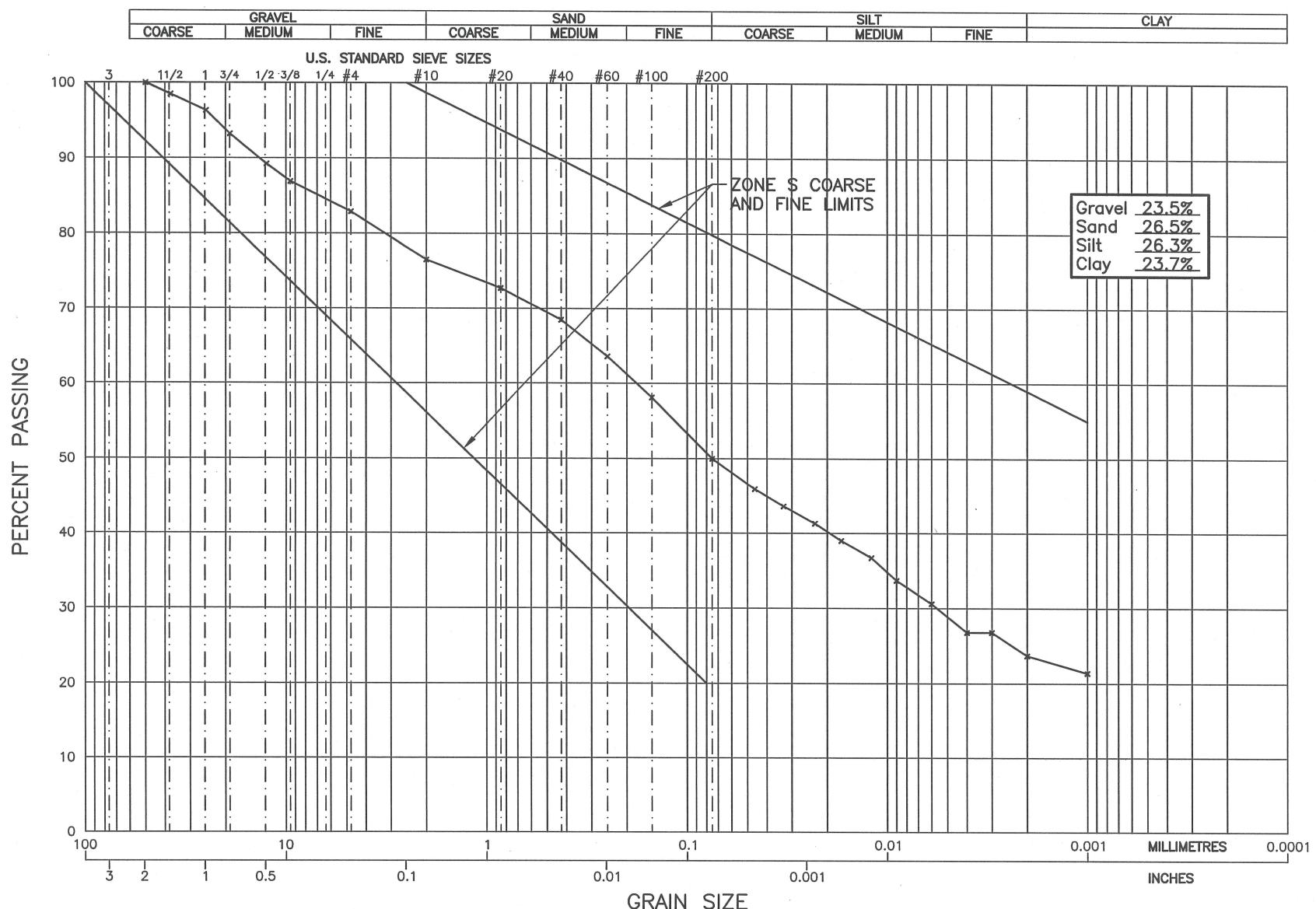
GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | | Date: March 5, 2010 | | | | | |
|--|---------|-------------------------|---------------------|-------------------|------------------------------|---------------------|-----------------|-----------------------|--------------|-------------------------|-------------|
| Project Name: MPCP- Stage 6B | | | | | | Project #: K-2937 | | | | | |
| Source/Location: Mount Polley Mine, Likely B.C. | | | | | | Type: TILL | | | | | |
| Sample #: R-S6B-ZS-01-2010 | | Location: PE | | Chainage: 4050 | | Elevation: 954.6 | | Offset: c/l to Zone S | | | |
| Sampled By: Client | | Tested By: DJ | | | | | | Checked By: NK | | | |
| Date Sampled: 02/27/10 | | Date Received: 03/03/10 | | | | | | Date Tested: 03/04/10 | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 76.5 | |
| Wet Wt. & Tare | 987.1 | 25.4 | | | | 20 | 2.5 | 47.5 | 95.0 | 72.7 | |
| Dry Wt. & Tare | 887.6 | 19.0 | | | | 40 | 2.7 | 44.8 | 89.6 | 68.5 | |
| Water Wt. | 99.5 | 12.5 | | | | 60 | 3.2 | 41.6 | 83.2 | 63.6 | |
| Tare Wt. | 179.9 | 9.5 | | | | 100 | 3.6 | 38.0 | 76.0 | 58.1 | |
| Wt. Of Dry Soil | 707.7 | 4.75 | | | | 200 | 5.3 | 32.7 | 65.4 | 50.0 | |
| Moisture Content % | 14.1 | 10 | SEE SIEVE REPORT #4 | | | Pan | 32.7 | | | | |
| Dry Wt. of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | |
| = $(100 \times \text{Wet Soil Wt.}) / (100 + \text{Initial Moisture})$ | | | | | | Unwashed Wt. = | | | | | |
| | | Total | | | | Tare | | Wt. Passing #200 = | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(% - #10) |
| 50.0 | 0.765 | 0.5 | 40.5 | 20.0 | 0.01365 | 32.5 | 10.9 | 4.676 | 0.064 | 65.0 | 49.7 |
| 50.0 | 0.765 | 1 | 38.0 | 20.0 | 0.01365 | 30.0 | 11.3 | 3.368 | 0.046 | 60.0 | 45.9 |
| 50.0 | 0.765 | 2 | 36.5 | 20.0 | 0.01365 | 28.5 | 11.6 | 2.408 | 0.033 | 57.0 | 43.6 |
| 50.0 | 0.765 | 4 | 35.0 | 20.0 | 0.01365 | 27.0 | 11.8 | 1.720 | 0.023 | 54.0 | 41.3 |
| 50.0 | 0.765 | 8 | 33.5 | 20.0 | 0.01365 | 25.5 | 12.1 | 1.229 | 0.017 | 51.0 | 39.0 |
| 50.0 | 0.765 | 15 | 32.0 | 20.0 | 0.01365 | 24.0 | 12.3 | 0.907 | 0.012 | 48.0 | 36.7 |
| 50.0 | 0.765 | 30 | 30.0 | 20.0 | 0.01365 | 22.0 | 12.7 | 0.650 | 0.009 | 44.0 | 33.7 |
| 50.0 | 0.765 | 60 | 27.5 | 22.0 | 0.01332 | 20.0 | 13.0 | 0.465 | 0.006 | 40.0 | 30.6 |
| 50.0 | 0.765 | 120 | 25.0 | 22.0 | 0.01332 | 17.5 | 13.4 | 0.334 | 0.004 | 35.0 | 26.8 |
| 50.0 | 0.765 | 240 | 25.0 | 22.0 | 0.01332 | 17.5 | 13.4 | 0.236 | 0.003 | 35.0 | 26.8 |
| 50.0 | 0.765 | 480 | 23.0 | 22.0 | 0.01332 | 15.5 | 13.7 | 0.169 | 0.002 | 31.0 | 23.7 |
| 50.0 | 0.765 | 1440 | 22.0 | 20.0 | 0.01365 | 14.0 | 14.0 | 0.099 | 0.001 | 28.0 | 21.4 |
| Hydrometer #: 790414 | | Graduate #: | | | Dispersing Agent: Sodium Hex | | | Amount: 125ml | | | |
| Density of Solids: | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

NOELCO



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-01-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C1

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ email

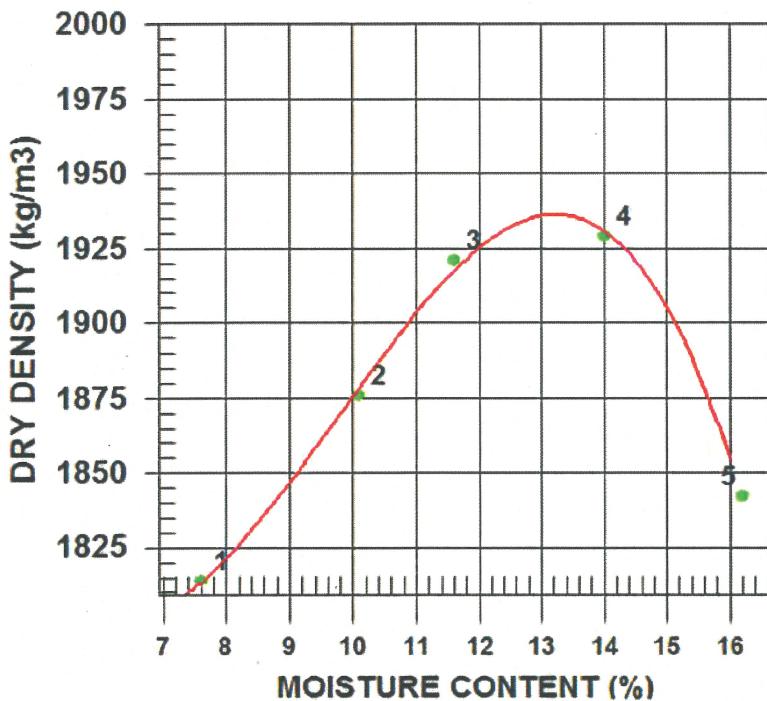
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 2 DATE TESTED 2010.Mar.05 DATE RECEIVED 2010.Mar.03 DATE SAMPLED 2010.Feb.27

| | | | |
|-------------------------|------------------|----------------------------|-------------------|
| INSITU MOISTURE | N/A % | COMPACTATION STANDARD | Standard Proctor, |
| SAMPLED BY | CLIENT | COMPACTATION PROCEDURE | ASTM D698 |
| TESTED BY | DJ | RAMMER TYPE | A: 101.6mm Mold, |
| SUPPLIER | CLIENT | PREPARATION | Passing 4.75mm |
| SOURCE | R-S6B-ZS-01-2010 | Oversize Correction Method | Automatic |
| MATERIAL IDENTIFICATION | | Retained 4.75mm Screen | Moist |
| MAJOR COMPONENT | TILL | Oversize Specific Gravity | ASTM 4718 |
| SIZE | 37.5mm | Total Number of Trials | 17.0 % |
| DESCRIPTION | SILTY | | 2.65 |
| ROCK TYPE | | | 5 |



| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 1952 | 1814 | 7.6 |
| 2 | 2065 | 1876 | 10.1 |
| 3 | 2144 | 1921 | 11.6 |
| 4 | 2199 | 1929 | 14.0 |
| 5 | 2140 | 1842 | 16.2 |

| | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|-------------------------------|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 1940 2030 | 13.0 11.0 |

COMMENTS

RE: WASHED SIEVE TEST NO. 4

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937
 CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

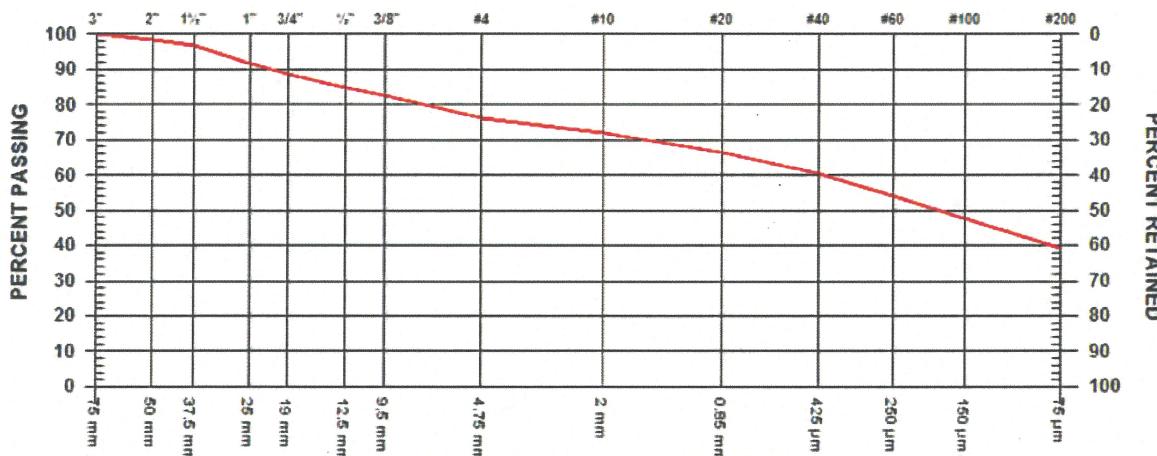
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 15 DATE RECEIVED 2010.Apr.07 DATE TESTED 2010.Apr.08 DATE SAMPLED 2010.Apr.05

| | | | |
|---------------|------------------------------|-------------|--------|
| SUPPLIER | R-S6B-ZS-02-2010 | SAMPLED BY | Client |
| SOURCE | Main Embankment | TESTED BY | SR |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Glacial Till - Core Material | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 98.5 | |
| 1 1/2" | 37.5 mm | 96.6 | |
| 1" | 25 mm | 91.6 | |
| 3/4" | 19 mm | 88.7 | |
| 1/2" | 12.5 mm | 84.7 | |
| 3/8" | 9.5 mm | 82.5 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 76.4 | |
| No. 10 | 2.00 mm | 71.9 | |
| No. 20 | 850 µm | 66.5 | |
| No. 40 | 425 µm | 60.6 | |
| No. 60 | 250 µm | 54.0 | |
| No. 100 | 150 µm | 47.8 | |
| No. 200 | 75 µm | 39.3 | |

COMMENTS

Location: ME, Chainage: 2550, Elevation: 955.8, Offset: Zone S
 See Plate B2 and C6

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corp. | | | | Date: April 12, 2010 | | | | | | | |
|--|-------------------------|--------------------|-------------------------|------------------------------------|------------------------------|------------------|--------------------|----------------------|---------------|-------------------------|-------------|
| Project Name: MPCP - Stage 6 | | | | Project #: K-2937 | | | | | | | |
| Source/Location: R-S6B-ZS-02-2010 | | | | Type: Glacial Till - Core Material | | | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | Time: | | | | | | | |
| Sampled By: MS | Tested By: DJ | | | Checked By: NK | | | | | | | |
| Date Sampled: 04.05.10 | Date Received: 04.07.10 | | | Date Tested: 04.09.10 | | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 71.9 | |
| Wet Wt. & Tare | 1112.5 | 25.4 | | | | 20 | 3.2 | 46.8 | 93.6 | 67.3 | |
| Dry Wt. & Tare | 1035.8 | 19.0 | | | | 40 | 4.7 | 42.1 | 84.2 | 60.5 | |
| Water Wt. | 76.7 | 12.5 | | | | 60 | 5.0 | 37.1 | 74.2 | 53.3 | |
| Tare Wt. | 181.1 | 9.5 | | | | 100 | 5.4 | 31.7 | 63.4 | 45.6 | |
| Wt. Of Dry Soil | 854.7 | 4.75 | | | | 200 | 4.5 | 27.2 | 54.4 | 39.1 | |
| Moisture Content % | 9.0 | 10 | RE: WASHED SIEVE No. 15 | | | Pan | 27.2 | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | PLATE No. C6 | | | Total | 50.0 | | | | |
| = (100xWet Soil Wt.)/(100 + Initial Moisture) = | | | | | | Unwashed Wt.= | | | | | |
| | | Total | 854.7 | | | Tare | Wt. Passing #200 = | | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(% - #10) |
| 50.0 | 0.719 | 0.5 | 27.0 | 21.0 | 0.01348 | 19.0 | 13.2 | 5.130 | 0.069 | 38.0 | 27.3 |
| 50.0 | 0.719 | 1 | 24.0 | 21.0 | 0.01348 | 16.0 | 13.7 | 3.695 | 0.050 | 32.0 | 23.0 |
| 50.0 | 0.719 | 2 | 22.5 | 21.0 | 0.01348 | 14.5 | 13.9 | 2.637 | 0.036 | 29.0 | 20.9 |
| 50.0 | 0.719 | 4 | 20.0 | 21.0 | 0.01348 | 12.0 | 14.3 | 1.892 | 0.026 | 24.0 | 17.3 |
| 50.0 | 0.719 | 8 | 18.5 | 21.0 | 0.01348 | 10.5 | 14.6 | 1.349 | 0.018 | 21.0 | 15.1 |
| 50.0 | 0.719 | 15 | 17.0 | 21.0 | 0.01348 | 9.0 | 14.8 | 0.994 | 0.013 | 18.0 | 12.9 |
| 50.0 | 0.719 | 30 | 15.0 | 20.0 | 0.01365 | 7.0 | 15.1 | 0.710 | 0.010 | 14.0 | 10.1 |
| 50.0 | 0.719 | 60 | 13.0 | 20.0 | 0.01365 | 5.0 | 15.5 | 0.508 | 0.007 | 10.0 | 7.2 |
| 50.0 | 0.719 | 120 | 12.0 | 20.0 | 0.01365 | 4.0 | 15.6 | 0.361 | 0.005 | 8.0 | 5.8 |
| 50.0 | 0.719 | 240 | 11.0 | 20.0 | 0.01365 | 3.0 | 15.8 | 0.257 | 0.004 | 6.0 | 4.3 |
| 50.0 | 0.719 | 480 | 9.0 | 20.0 | 0.01365 | 1.0 | 16.1 | 0.183 | 0.003 | 2.0 | 1.4 |
| 50.0 | 0.719 | 1440 | 8.0 | 20.0 | 0.01365 | 0.0 | 16.3 | 0.106 | 0.001 | 0.0 | 0.0 |
| Hydrometer #: 790414 | | Graduate #: | | | Dispersing Agent: Sodium Hex | | | | Amount: 125ml | | |
| Density of Solids: | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

NOELCO

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

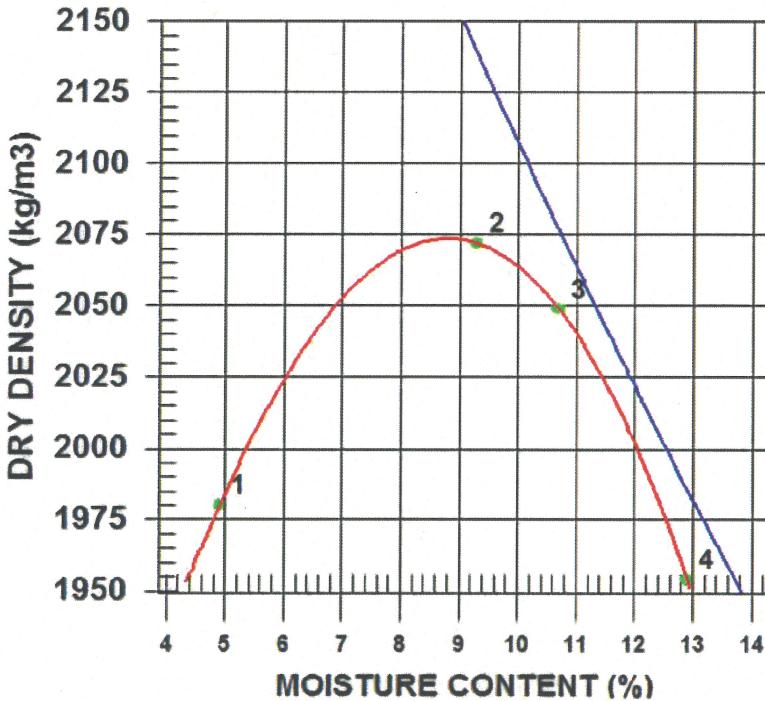
PROCTOR NO. 4

DATE TESTED 2010.Apr.09 DATE RECEIVED 2010.Apr.07 DATE SAMPLED 2010.Apr.05

| | | |
|-------------------------|------------------|---|
| INSITU MOISTURE | N/A | % |
| SAMPLED BY | Client | |
| TESTED BY | DJ | |
| SUPPLIER | | |
| SOURCE | R-S6B-ZS-02-2010 | |
| MATERIAL IDENTIFICATION | | |
| MAJOR COMPONENT | TILL | |
| SIZE | 50MM | |
| DESCRIPTION | | |
| ROCK TYPE | | |

| | | |
|----------------------------|-----------|--|
| COMPACTION STANDARD | | |
| COMPACTION PROCEDURE | | |
| RAMMER TYPE | | |
| PREPARATION | | |
| OVERSIZE CORRECTION METHOD | ASTM 4718 | |
| RETAINED 4.75mm SCREEN | 24.0 % | |
| OVERSIZE SPECIFIC GRAVITY | 2.67 | |
| TOTAL NUMBER OF TRIALS | 4 | |

| | | |
|-------------------|--|--|
| Standard Proctor, | | |
| ASTM D698 | | |
| A: 101.6mm Mold, | | |
| Passing 4.75mm | | |
| Automatic | | |
| Moist | | |
| ASTM 4718 | | |
| 24.0 % | | |
| 2.67 | | |
| 4 | | |



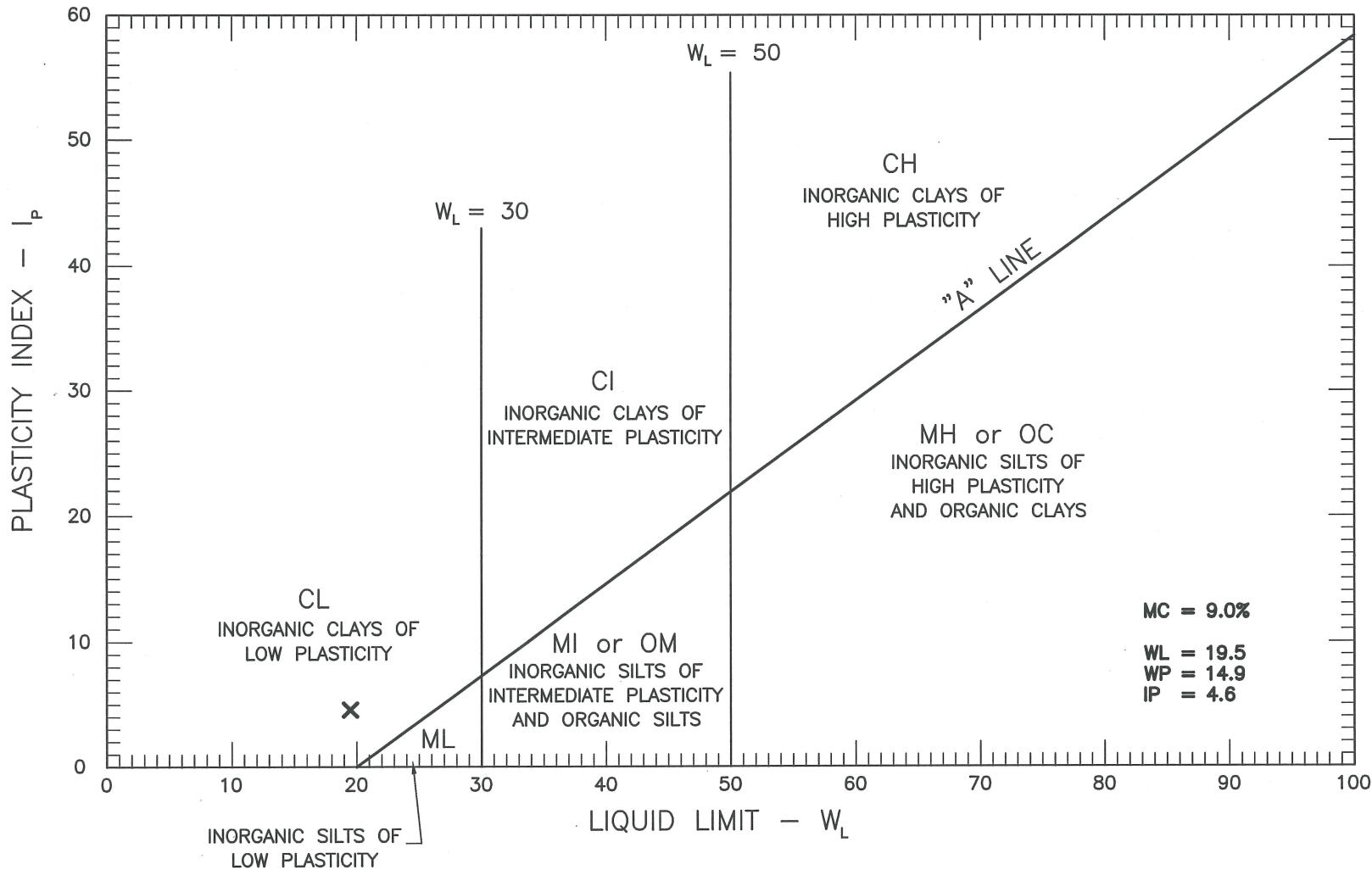
| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2077 | 1980 | 4.9 |
| 2 | 2265 | 2072 | 9.3 |
| 3 | 2268 | 2049 | 10.7 |
| 4 | 2206 | 1954 | 12.9 |

| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.67 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|---|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2070 2190 | 9.0 7.0 |

COMMENTS

Specific Gravity: FINE = 2.6885, COARSE = 2.671

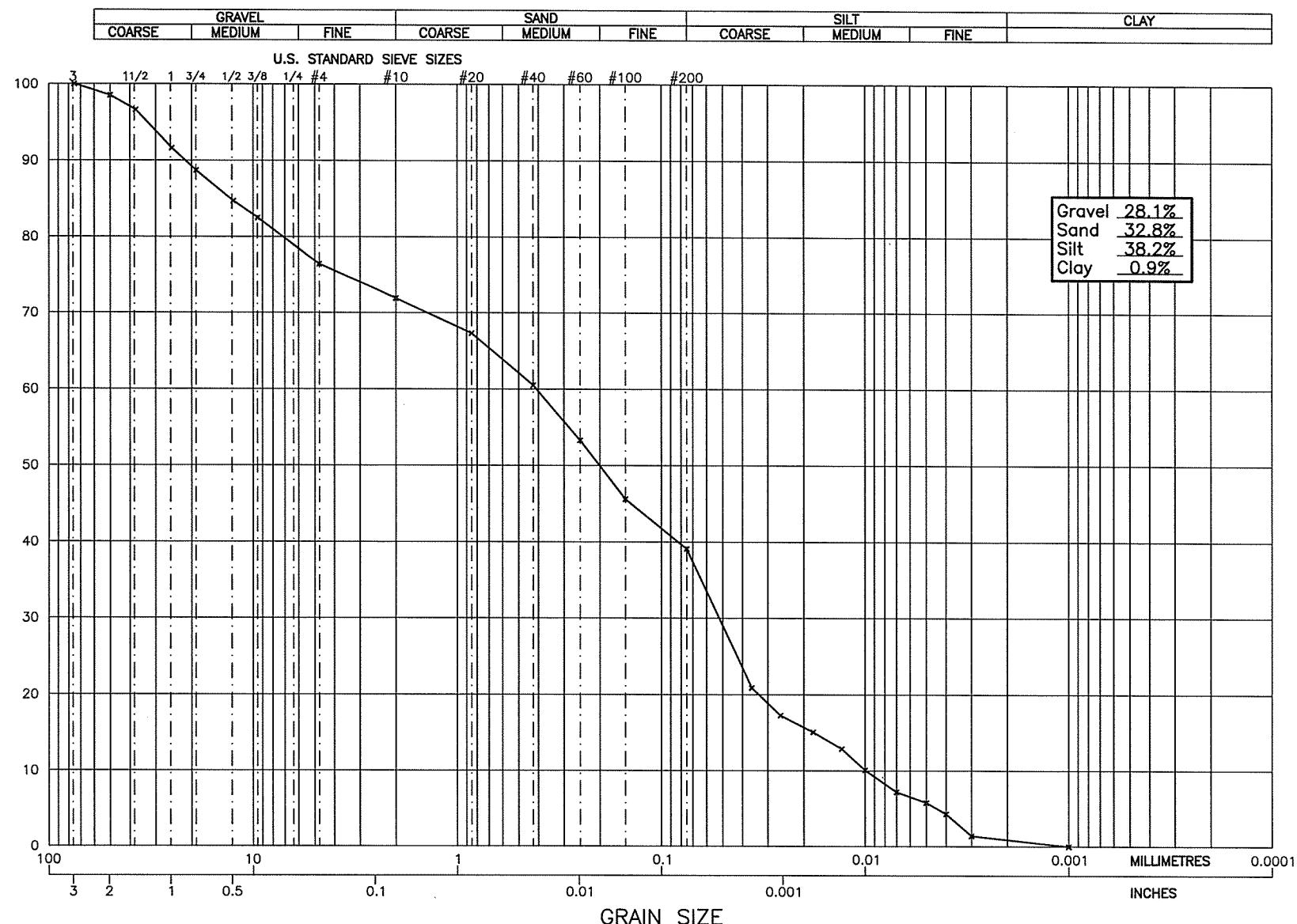
Location: ME, Chainage: 2550, Elevation: 955.8, Offset: Zone S



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 ATTERBERG LIMITS OF R-S6B-ZS-02-2010

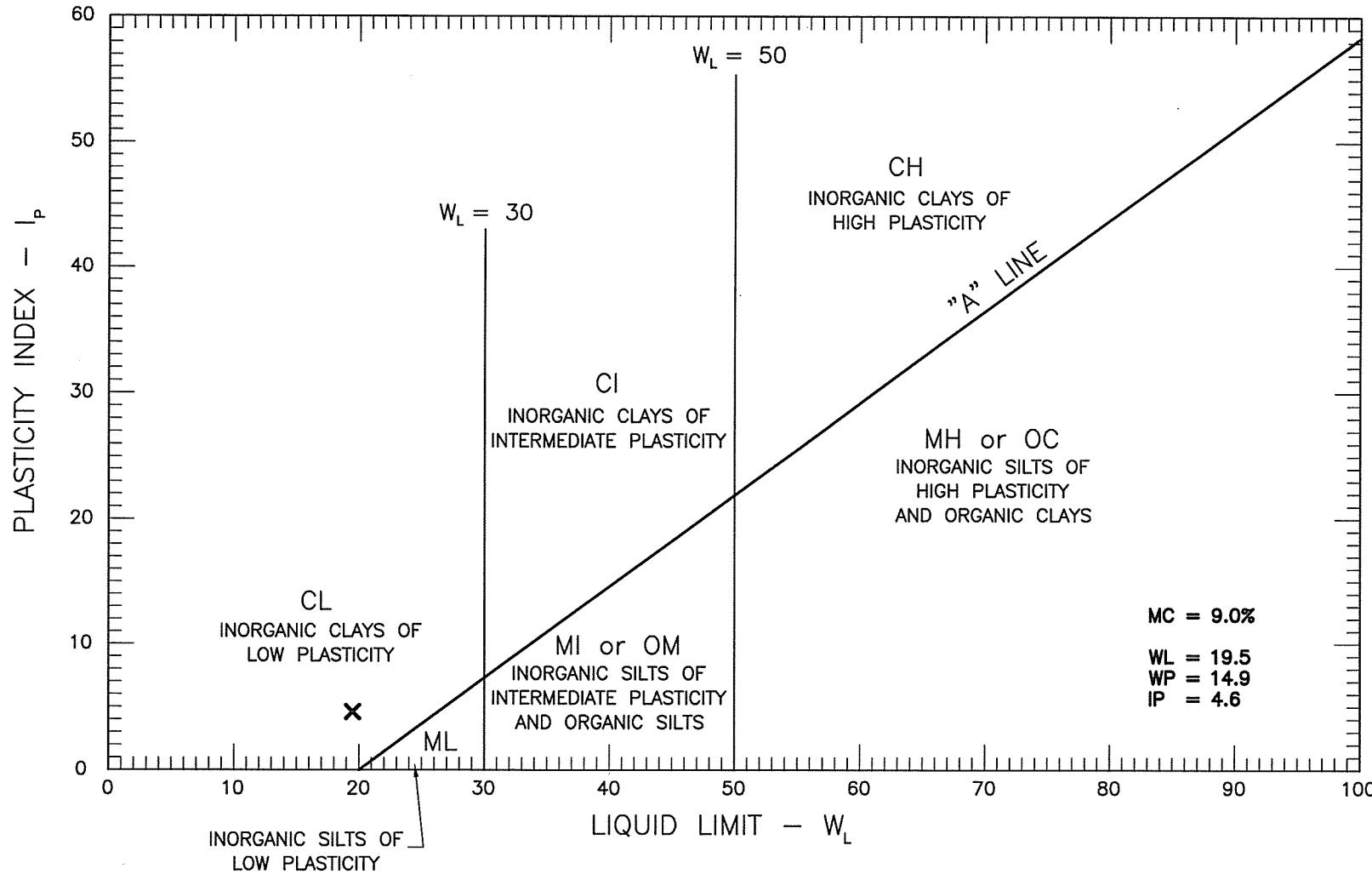
| | |
|-------------|---------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-B2 |



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-02-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C6



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
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MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 ATTERBERG LIMITS OF R-S6B-ZS-02-2010

| | |
|-------------|---------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-B2 |

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

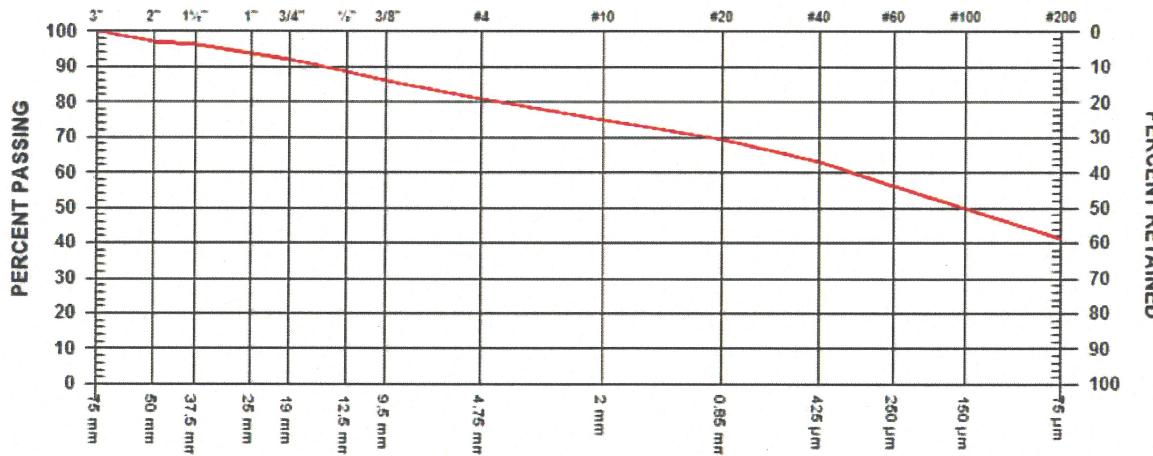
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 16 DATE RECEIVED 2010.Apr.09 DATE TESTED 2010.Apr.12 DATE SAMPLED 2010.Apr.07

SUPPLIER
 SOURCE R-S6B-ZS-02-2010 (b)
 SPECIFICATION
 MATERIAL TYPE Compacted TILL

SAMPLED BY MS-Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 97.1 | |
| 1 1/2" | 37.5 mm | 96.3 | |
| 1" | 25 mm | 93.8 | |
| 3/4" | 19 mm | 91.9 | |
| 1/2" | 12.5 mm | 88.4 | |
| 3/8" | 9.5 mm | 86.1 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 80.7 | |
| No. 10 | 2.00 mm | 75.0 | |
| No. 20 | 850 µm | 69.2 | |
| No. 40 | 425 µm | 63.0 | |
| No. 60 | 250 µm | 56.3 | |
| No. 100 | 150 µm | 50.0 | |
| No. 200 | 75 µm | 41.5 | |

COMMENTS

Re: Plate C7

Location: PE, Chainage: 4650, Elevation: 956.1, Offset: Zone S

TO

Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 5

DATE TESTED 2010.Apr.12 DATE RECEIVED 2010.Apr.09 DATE SAMPLED 2010.Apr.07

INSITU MOISTURE N/A %
 SAMPLED BY MS-Client
 TESTED BY DJ
 SUPPLIER
 SOURCE R-S6B-ZS-02-2010 (b)
 MATERIAL IDENTIFICATION
 MAJOR COMPONENT TILL
 SIZE 50MM
 DESCRIPTION
 ROCK TYPE

COMPACTION STANDARD

Standard Proctor,

ASTM D698

A: 101.6mm Mold,

Passing 4.75mm

Automatic

Moist

ASTM 4718

RAMMER TYPE

18.0 %

PREPARATION

2.67

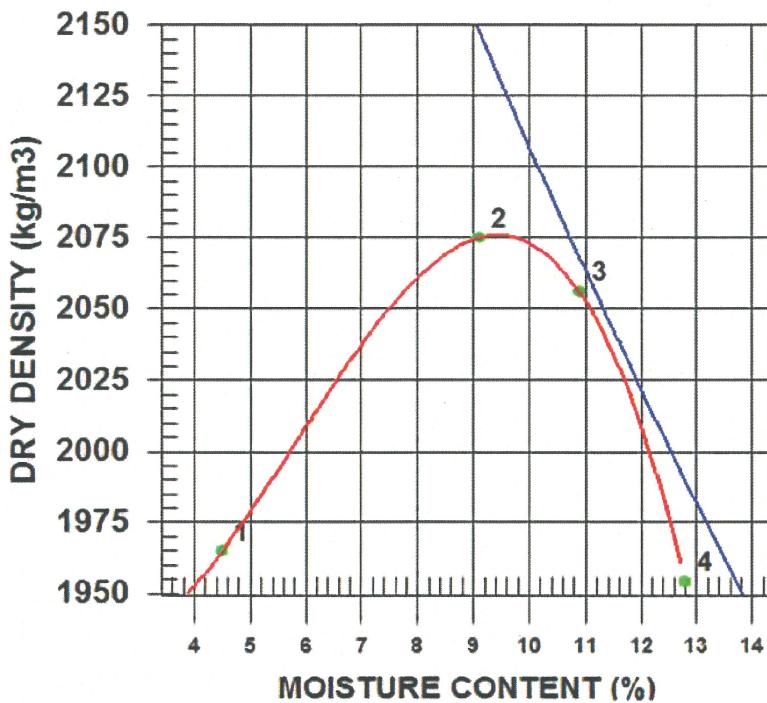
OVERSIZE CORRECTION METHOD

RETAINED 4.75mm SCREEN

OVERSIZE SPECIFIC GRAVITY

TOTAL NUMBER OF TRIALS

4



| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.67 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|---|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2080 2170 | 9.5 8.0 |

COMMENTS

Re: Plate C7

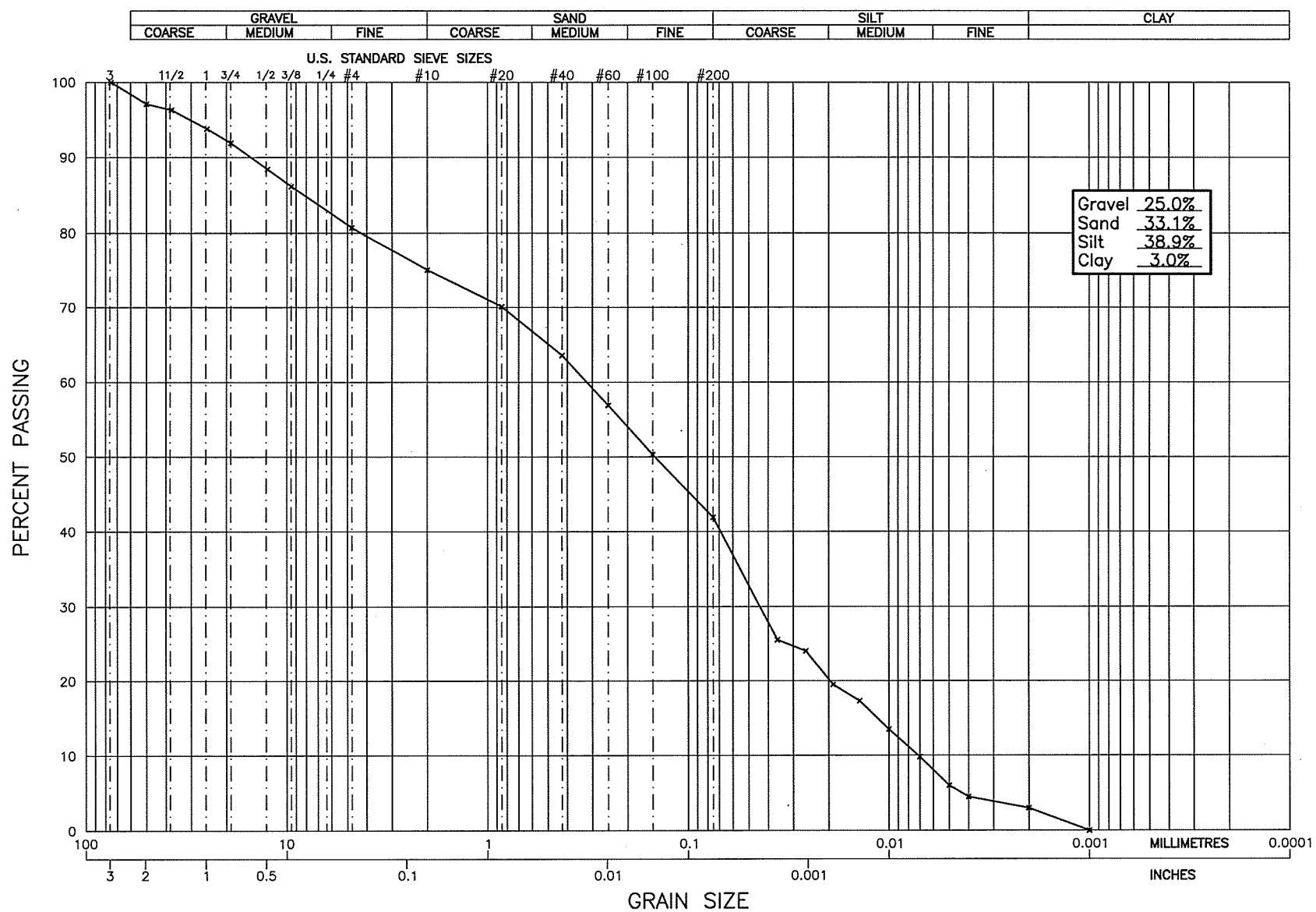
Location: PE, Chainage: 4650, Elevation: 956.1, Offset: Zone S

Page 1 of 1

2010.Apr.19

GeoNorth Engineering Ltd.

PER. _____



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-02-2010 (b)

PROJECT NO.
K-2937
PLATE NO.
2937-C7

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937
 CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

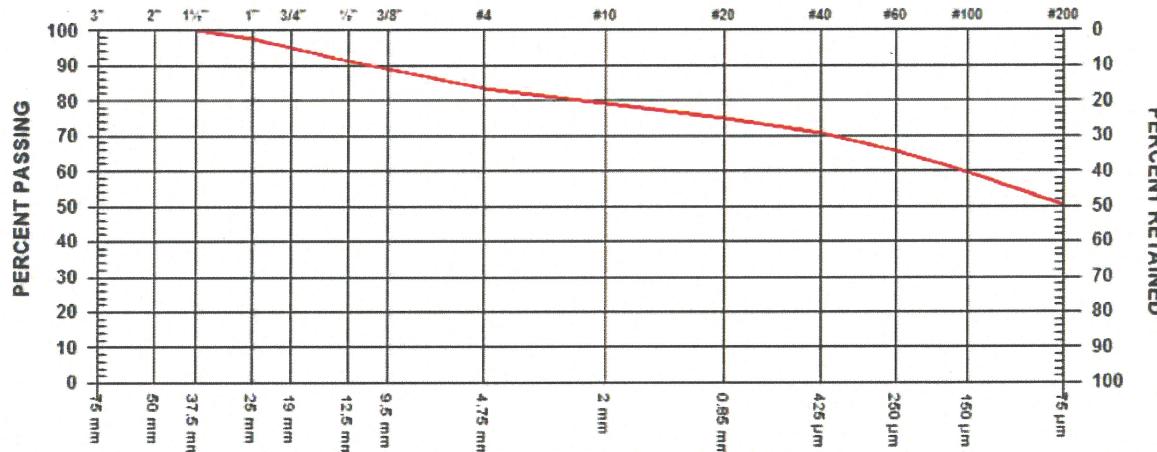
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 29 DATE RECEIVED 2010.Apr.28 DATE TESTED 2010.May.03 DATE SAMPLED 2010.Apr.27

SUPPLIER
 SOURCE R-S6B-ZS-04-2010
 SPECIFICATION
 MATERIAL TYPE TILL

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | 100.0 | |
| 1" | 25 mm | 97.3 | |
| 3/4" | 19 mm | 94.9 | |
| 1/2" | 12.5 mm | 91.3 | |
| 3/8" | 9.5 mm | 89.0 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|-----------------|-----------------|------------------|
| No. 4 | 4.75 mm | 83.5 | |
| No. 10 | 2.00 mm | 79.2 | |
| No. 20 | 850 micrometers | 75.1 | |
| No. 40 | 425 micrometers | 70.6 | |
| No. 60 | 250 micrometers | 65.4 | |
| No. 100 | 150 micrometers | 59.7 | |
| No. 200 | 75 micrometers | 50.4 | |

COMMENTS

Re: Proctor Report No.8

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 8

DATE TESTED 2010.May.03 DATE RECEIVED 2010.Apr.28 DATE SAMPLED 2010.Apr.27

| | |
|-------------------------|------------------|
| INSITU MOISTURE | N/A % |
| SAMPLED BY | Client |
| TESTED BY | DJ/JMcD |
| SUPPLIER | |
| SOURCE | R-S6B-ZS-04-2010 |
| MATERIAL IDENTIFICATION | |
| MAJOR COMPONENT | Till |
| SIZE | 38mm |
| DESCRIPTION | |
| ROCK TYPE | |

COMPACTION STANDARD

Standard Proctor,

ASTM D698

A: 101.6mm Mold,

Passing 4.75mm

Automatic

Moist

ASTM 4718

COMPACTION PROCEDURE

16.0 %

OVERSIZE CORRECTION METHOD

2.67

RAMMER TYPE

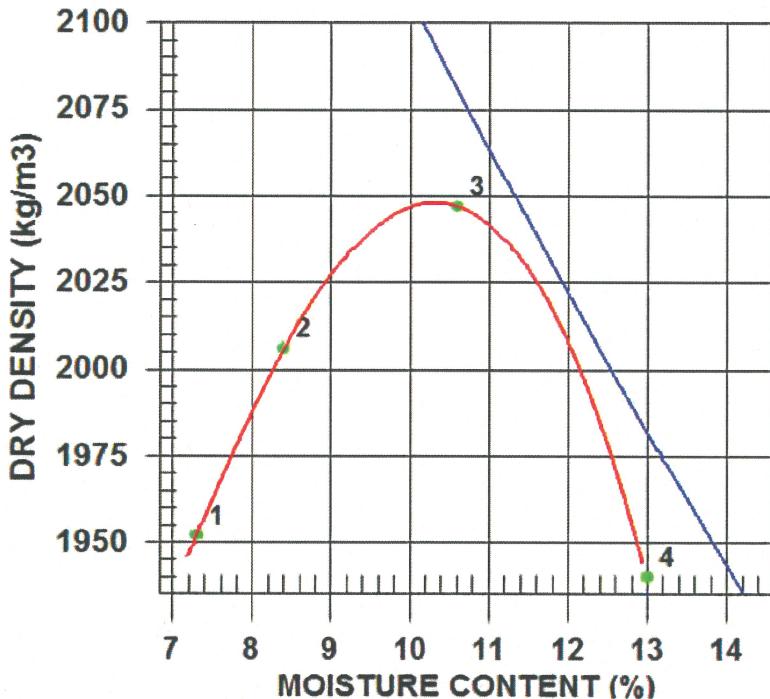
4

PREPARATION

RETAINED 4.75mm SCREEN

OVERSIZE SPECIFIC GRAVITY

TOTAL NUMBER OF TRIALS



| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2094 | 1952 | 7.3 |
| 2 | 2175 | 2006 | 8.4 |
| 3 | 2264 | 2047 | 10.6 |
| 4 | 2192 | 1940 | 13.0 |

| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.67 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|---|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2050 2130 | 10.5 9.0 |

COMMENTS

Re: Sieve Report No. 29

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

Client: Mount Polley Mining Corporation

Date: May 4, 2010

Project Name: MPCP- Stage 6B

Project #: K- 2937

Source/Location: R-S6B-ZS-04-2010

Type: Till

| | | | | |
|--------------------------|---------------------------|---------|--------|-------------------------|
| Sample #: | Test #: | Hole #: | Depth: | Time: |
| Sampled By: Client | Tested By: DJ | | | Checked By: NK |
| Date Sampled: 04/27/2010 | Date Received: 04/28/2010 | | | Date Tested: 05/03/2010 |

| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | |
|--|-------------|----------------|-----------------------|-------------------|---------------------------|---------------|-----------------|----------------------|--------------|-------------------------|
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 79.3 |
| Wet Wt. & Tare | 732.2 | 25.4 | | | | 20 | 3.0 | 47.0 | 94.0 | 74.5 |
| Dry Wt. & Tare | 679.4 | 19.0 | | | | 40 | 3.0 | 44.0 | 88.0 | 69.8 |
| Water Wt. | 52.8 | 12.5 | | | | 60 | 3.5 | 40.5 | 81.0 | 64.2 |
| Tare Wt. | 180.5 | 9.5 | | | | 100 | 3.6 | 36.9 | 73.8 | 58.5 |
| Wt. Of Dry Soil | 498.9 | 4.75 | Re: Sieve Test No. 29 | | | 200 | 5.5 | 31.4 | 62.8 | 49.8 |
| Moisture Content % | 10.6 | 10 | Plate No. C10 | | | Pan | 31.4 | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | |
| = (100xWet Soil Wt.)/(100 + Initial Moisture) | | | | | | Unwashed Wt.= | | | | |
| | | Total | 498.9 | | | Tare | | Wt. Passing #200 = | | |

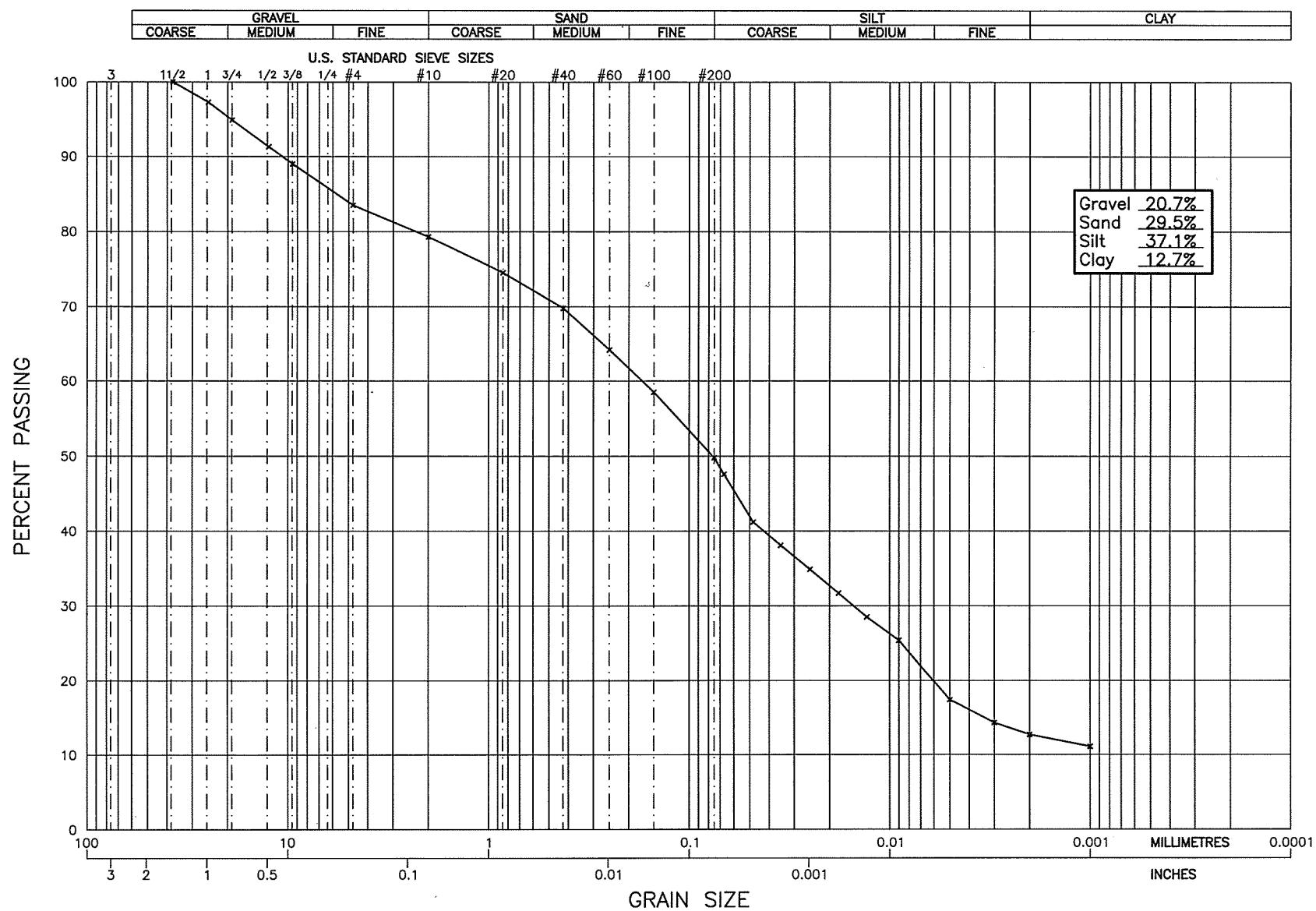
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(%#10) |
|------------------|---------|--------------------|-----------|-----------|---------|------------------|---------|------------------|--------|-------|----------|
| 50.0 | 0.793 | 0.5 | 38.0 | 18.0 | 0.01399 | 30.0 | 11.3 | 4.763 | 0.067 | 60.0 | 47.6 |
| 50.0 | 0.793 | 1 | 34.0 | 18.0 | 0.01399 | 26.0 | 12.0 | 3.465 | 0.048 | 52.0 | 41.2 |
| 50.0 | 0.793 | 2 | 32.0 | 18.0 | 0.01399 | 24.0 | 12.3 | 2.483 | 0.035 | 48.0 | 38.1 |
| 50.0 | 0.793 | 4 | 30.0 | 18.0 | 0.01399 | 22.0 | 12.7 | 1.779 | 0.025 | 44.0 | 34.9 |
| 50.0 | 0.793 | 8 | 28.0 | 18.0 | 0.01399 | 20.0 | 13.0 | 1.275 | 0.018 | 40.0 | 31.7 |
| 50.0 | 0.793 | 15 | 26.0 | 18.0 | 0.01399 | 18.0 | 13.3 | 0.943 | 0.013 | 36.0 | 28.5 |
| 50.0 | 0.793 | 30 | 24.0 | 18.0 | 0.01399 | 16.0 | 13.7 | 0.675 | 0.009 | 32.0 | 25.4 |
| 50.0 | 0.793 | 60 | 20.0 | 18.0 | 0.01399 | 12.0 | 14.3 | 0.488 | 0.007 | 24.0 | 19.0 |
| 50.0 | 0.793 | 120 | 19.0 | 19.0 | 0.01382 | 11.0 | 14.5 | 0.347 | 0.005 | 22.0 | 17.4 |
| 50.0 | 0.793 | 240 | 17.0 | 19.0 | 0.01382 | 9.0 | 14.8 | 0.248 | 0.003 | 18.0 | 14.3 |
| 50.0 | 0.793 | 480 | 16.0 | 18.0 | 0.01399 | 8.0 | 15.0 | 0.177 | 0.002 | 16.0 | 12.7 |
| 50.0 | 0.793 | 1440 | 15.0 | 20.0 | 0.01365 | 7.0 | 15.1 | 0.103 | 0.001 | 14.0 | 11.1 |

Hydrometer #: 790414 Graduate #: Dispersing Agent: Sodium Hex Amount: 125ml

Density of Solids:

Description of Sample:

NOELCO



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-04-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C10

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

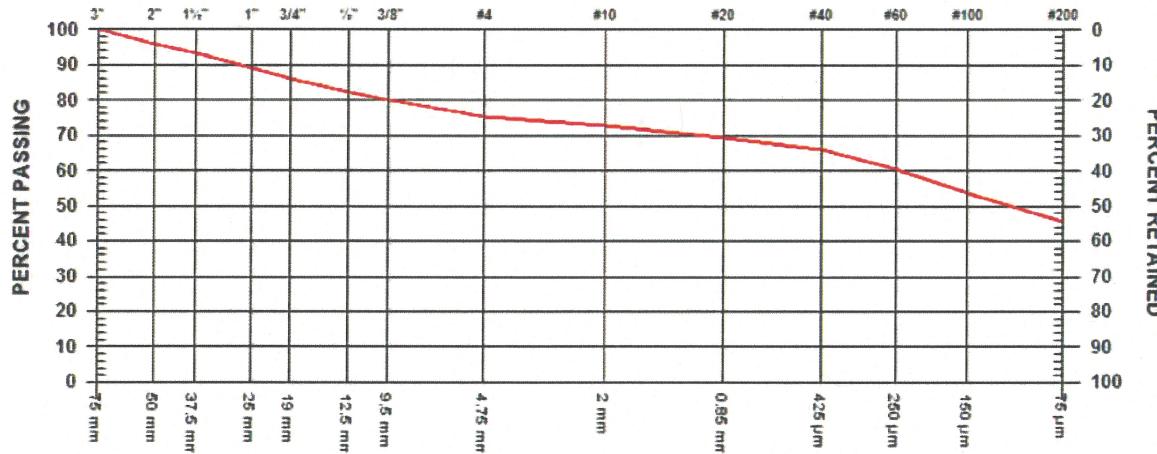
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 36 DATE RECEIVED 2010.Jun.03 DATE TESTED 2010.Jun.04 DATE SAMPLED 2010.May.31

SUPPLIER
 SOURCE R-S6B-ZS-05-2010
 SPECIFICATION
 MATERIAL TYPE Till

SAMPLED BY Client
 TESTED BY JM
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 95.7 | |
| 1 1/2" | 37.5 mm | 93.1 | |
| 1" | 25 mm | 88.8 | |
| 3/4" | 19 mm | 86.1 | |
| 1/2" | 12.5 mm | 82.2 | |
| 3/8" | 9.5 mm | 80.0 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 75.5 | |
| No. 10 | 2.00 mm | 73.0 | |
| No. 20 | 850 µm | 69.3 | |
| No. 40 | 425 µm | 65.8 | |
| No. 60 | 250 µm | 60.3 | |
| No. 100 | 150 µm | 53.5 | |
| No. 200 | 75 µm | 45.7 | |

COMMENTS

Location: PE, Chainage: 2850, Elevation: 957.0 m.
 Re: Plate No. 2937-C17 and Proctor No. 11

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

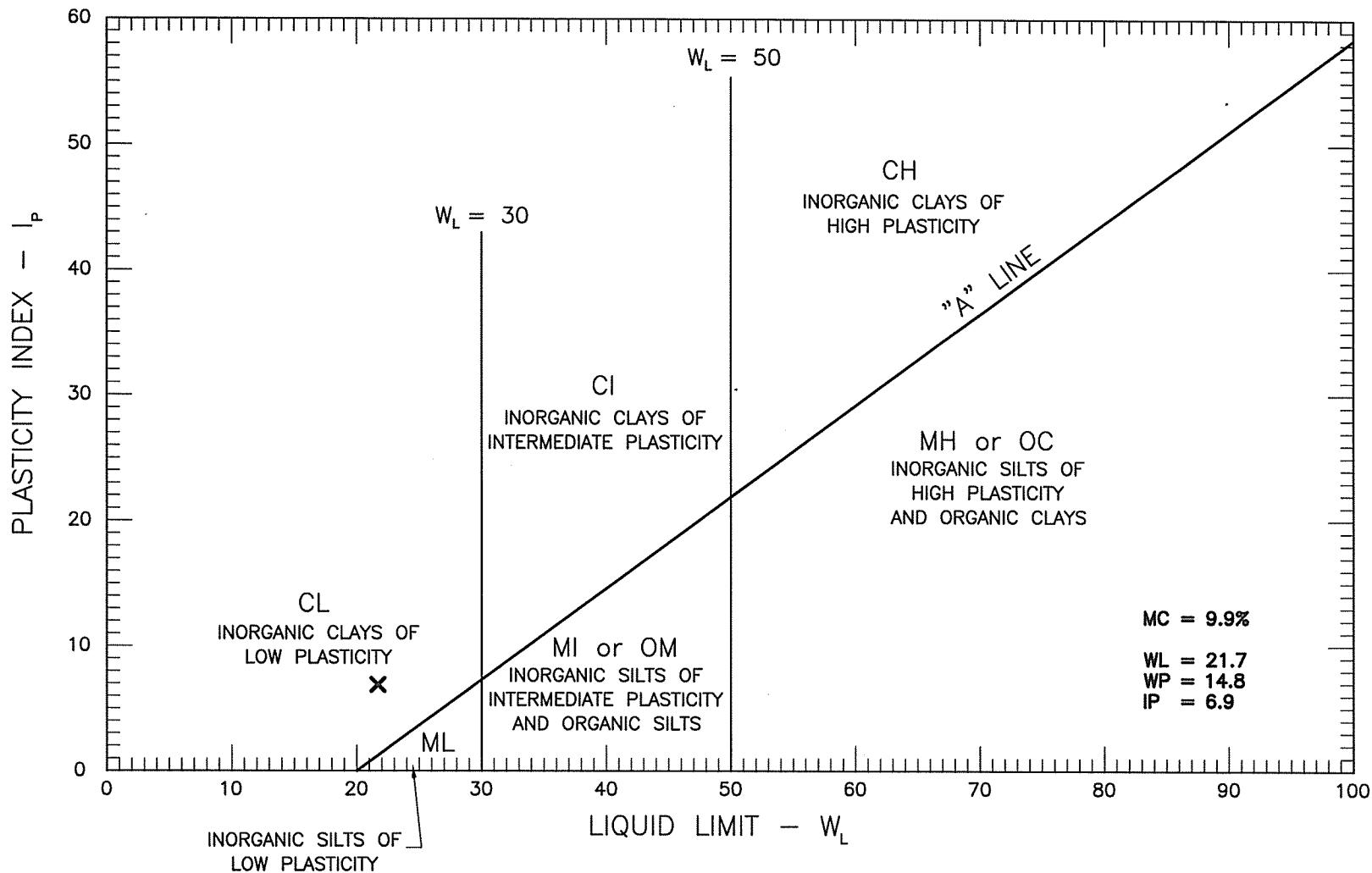
PROCTOR NO. 11 DATE TESTED 2010.Jun.04 DATE RECEIVED 2010.Jun.03 DATE SAMPLED 2010.May.31

| | | | |
|--|---|--|--|
| INSITU MOISTURE SAMPLED BY TESTED BY SUPPLIER SOURCE MATERIAL IDENTIFICATION MAJOR COMPONENT SIZE DESCRIPTION ROCK TYPE | N/A % CLIENT JM R-S6B-ZS-05-2010 Till 50mm | COMPACTATION STANDARD COMPACTATION PROCEDURE RAMMER TYPE PREPARATION OVERSIZE CORRECTION METHOD RETAINED 4.75mm SCREEN OVERSIZE SPECIFIC GRAVITY TOTAL NUMBER OF TRIALS | Standard Proctor, ASTM D698 A: 101.6mm Mold, Passing 4.75mm Automatic Moist ASTM 4718 23.0 % 2.67 4 |
| 2100 | 2075 | 2050 | 2025 |
| 2050 | 2025 | 2000 | 1975 |
| 2000 | 1975 | 1950 | 1925 |
| 1950 | 1925 | 1900 | 1875 |
| 1900 | 1875 | 1850 | 1825 |
| 1850 | 1825 | 1800 | 1775 |
| 1800 | 1775 | 1750 | 1725 |
| 1750 | 1725 | 1700 | 1675 |
| 1700 | 1675 | 1650 | 1625 |
| 1650 | 1625 | 1600 | 1575 |
| 1600 | 1575 | 1550 | 1525 |
| 1550 | 1525 | 1500 | 1475 |
| 1500 | 1475 | 1450 | 1425 |
| 1450 | 1425 | 1400 | 1375 |
| 1400 | 1375 | 1350 | 1325 |
| 1350 | 1325 | 1300 | 1275 |
| 1300 | 1275 | 1250 | 1225 |
| 1250 | 1225 | 1200 | 1175 |
| 1200 | 1175 | 1150 | 1125 |
| 1150 | 1125 | 1100 | 1075 |
| 1100 | 1075 | 1050 | 1025 |
| 1050 | 1025 | 1000 | 975 |
| 1000 | 975 | 950 | 925 |
| 950 | 925 | 900 | 875 |
| 900 | 875 | 850 | 825 |
| 850 | 825 | 800 | 775 |
| 800 | 775 | 750 | 725 |
| 750 | 725 | 700 | 675 |
| 700 | 675 | 650 | 625 |
| 650 | 625 | 600 | 575 |
| 600 | 575 | 550 | 525 |
| 550 | 525 | 500 | 475 |
| 500 | 475 | 450 | 425 |
| 450 | 425 | 400 | 375 |
| 400 | 375 | 350 | 325 |
| 350 | 325 | 300 | 275 |
| 300 | 275 | 250 | 225 |
| 250 | 225 | 200 | 175 |
| 200 | 175 | 150 | 125 |
| 150 | 125 | 100 | 75 |
| 100 | 75 | 50 | 25 |
| 50 | 25 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| COMMENTS | Location: PE, Chainage: 2850, Elevation: 957.0 m. | ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.67 | MAXIMUM DRY DENSITY (kg/m ³) |
| | | CALCULATED OVERSIZE CORRECTED | OPTIMUM MOISTURE CONTENT (%) |

COMMENTS

Location: PE, Chainage: 2850, Elevation: 957.0 m.

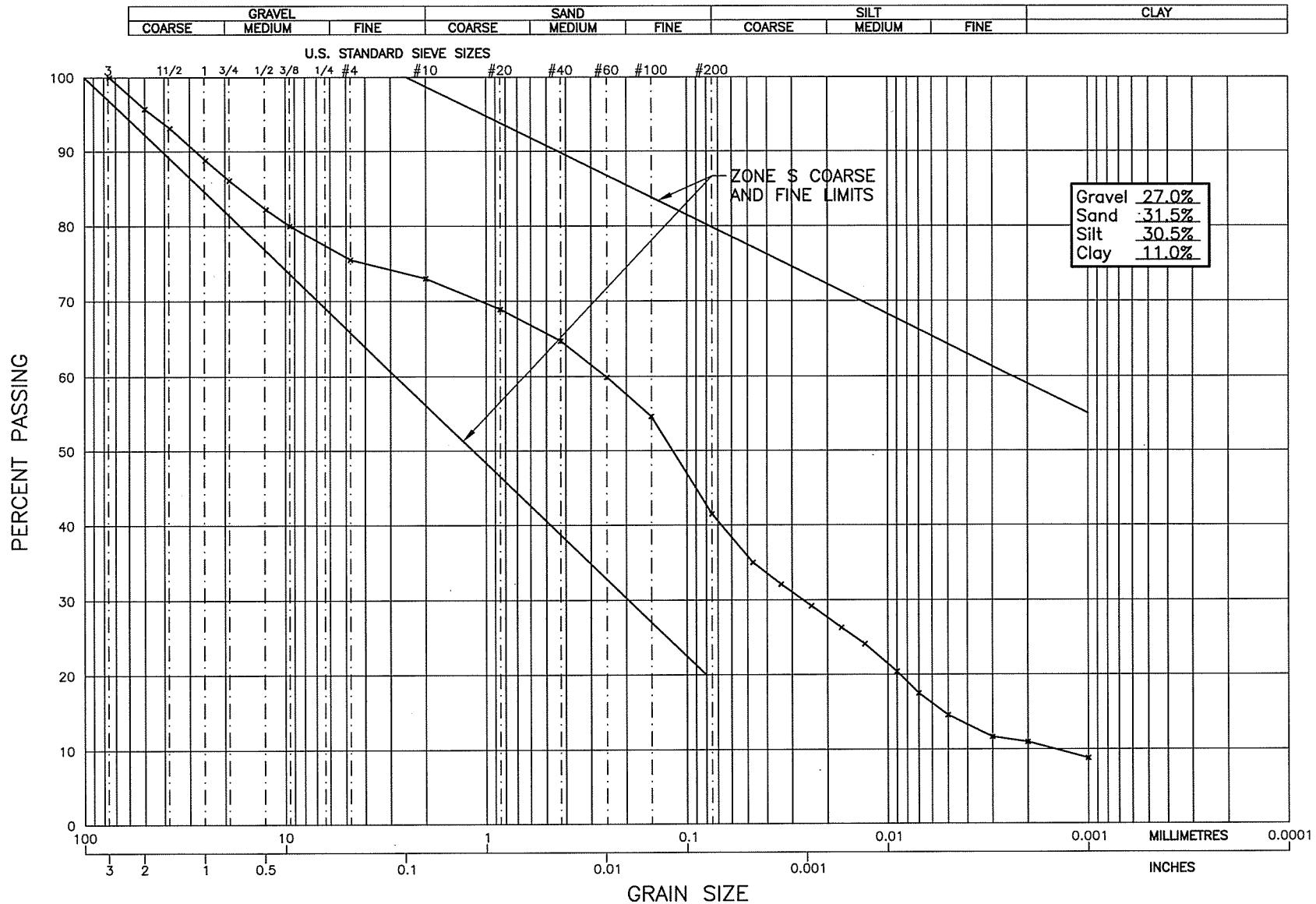
Re: Plate No. 2937-C17 and Sieve No. 36



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 ATTERBERG LIMITS OF R-S6B-ZS-05-2010

| | |
|-------------|---------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-B7 |



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
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MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 GRAIN SIZE ANALYSIS OF R-S6B-ZS-05-2010

PROJECT NO.
 K-2937
 PLATE NO.
 2937-C17

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | | Date: June 10, 2010 | | | | | | | | | | | | | |
|---|-----------------------------|--------------------|------------------------|--------------------------|------------------------------|---------------------------|----------------------|------------------|-------------------------|-------|------------|--|--|--|--|--|--|--|--|
| Project Name: MPCP Stage 6B | | | | | | Project #: K-2937 | | | | | | | | | | | | | |
| Source/Location: PE, Chainage: 2850, Elevation: 957.0 m | | | | | | Type: Till | | | | | | | | | | | | | |
| Sample #: R-S6B-ZS-05-2010 | Test #: | | Hole #: | | Depth: | | | Time: | | | | | | | | | | | |
| Sampled By: Client | Tested By: DJ | | | | | Checked By: NK | | | | | | | | | | | | | |
| Date Sampled: May 31, 2010 | Date Received: June 3, 2010 | | | | | Date Tested: June 7, 2010 | | | | | | | | | | | | | |
| Initial Moisture Content | Sieve Analysis | | | | Hydrometer Sieve Analysis | | | | | | | | | | | | | | |
| | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | | | | | | | | | | |
| Tare No. | 38.1 | | | | 10 | | 50.0 | 100.0 | 73.0 | | | | | | | | | | |
| Wet Wt. & Tare | 1005.9 | 25.4 | | | 20 | 2.8 | 47.2 | 94.4 | 68.9 | | | | | | | | | | |
| Dry Wt. & Tare | 931.4 | 19.0 | | | 40 | 2.9 | 44.3 | 88.6 | 64.7 | | | | | | | | | | |
| Water Wt. | 74.5 | 12.5 | | | 60 | 3.3 | 41.0 | 82.0 | 59.9 | | | | | | | | | | |
| Tare Wt. | 180.2 | 9.5 | Re: Plate No. 2937-C17 | | | 100 | 3.6 | 37.4 | 74.8 | 54.6 | | | | | | | | | |
| Wt. Of Dry Soil | 751.2 | 4.75 | Re: Sieve Test No.36 | | | 200 | 9.0 | 28.4 | 56.8 | 41.5 | | | | | | | | | |
| Moisture Content % | 9.9 | 10 | | 73.0 | Pan | 28.4 | | | | | | | | | | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | Total | 50.0 | | | | | | | | | | | | | |
| (100xWet Soil Wt.)/(100 + Initial Moisture) | | | | | Unwashed Wt.= | | | | | | | | | | | | | | |
| | Total | 751.2 | | | Tare | | Wt. Passing #200 = | | | | | | | | | | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(%-%#10) | | | | | | | | |
| 50.0 | 0.730 | 0.5 | 35.0 | 21.0 | 0.01348 | 27.0 | 11.8 | 4.866 | 0.066 | 54.0 | 39.4 | | | | | | | | |
| 50.0 | 0.730 | 1 | 32.0 | 21.0 | 0.01348 | 24.0 | 12.3 | 3.512 | 0.047 | 48.0 | 35.0 | | | | | | | | |
| 50.0 | 0.730 | 2 | 30.0 | 21.0 | 0.01348 | 22.0 | 12.7 | 2.516 | 0.034 | 44.0 | 32.1 | | | | | | | | |
| 50.0 | 0.730 | 4 | 28.0 | 21.0 | 0.01348 | 20.0 | 13.0 | 1.802 | 0.024 | 40.0 | 29.2 | | | | | | | | |
| 50.0 | 0.730 | 8 | 26.0 | 21.0 | 0.01348 | 18.0 | 13.3 | 1.291 | 0.017 | 36.0 | 26.3 | | | | | | | | |
| 50.0 | 0.730 | 15 | 24.5 | 21.0 | 0.01348 | 16.5 | 13.6 | 0.951 | 0.013 | 33.0 | 24.1 | | | | | | | | |
| 50.0 | 0.730 | 30 | 22.0 | 21.0 | 0.01348 | 14.0 | 14.0 | 0.683 | 0.009 | 28.0 | 20.4 | | | | | | | | |
| 50.0 | 0.730 | 60 | 20.0 | 21.0 | 0.01348 | 12.0 | 14.3 | 0.488 | 0.007 | 24.0 | 17.5 | | | | | | | | |
| 50.0 | 0.730 | 120 | 18.0 | 21.0 | 0.01348 | 10.0 | 14.6 | 0.349 | 0.005 | 20.0 | 14.6 | | | | | | | | |
| 50.0 | 0.730 | 240 | 16.0 | 20.0 | 0.01365 | 8.0 | 15.0 | 0.250 | 0.003 | 16.0 | 11.7 | | | | | | | | |
| 50.0 | 0.730 | 480 | 15.5 | 20.0 | 0.01365 | 7.5 | 15.1 | 0.177 | 0.002 | 15.0 | 11.0 | | | | | | | | |
| 50.0 | 0.730 | 1440 | 14.0 | 20.0 | 0.01365 | 6.0 | 15.3 | 0.103 | 0.001 | 12.0 | 8.8 | | | | | | | | |
| Hydrometer #: 790414 | | Graduate #: | | | Dispersing Agent: Sodium Hex | | | Amount: 125ml | | | | | | | | | | | |
| Density of Solids: | | | | | | | | | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | | | | | | | | | |

Noelco

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

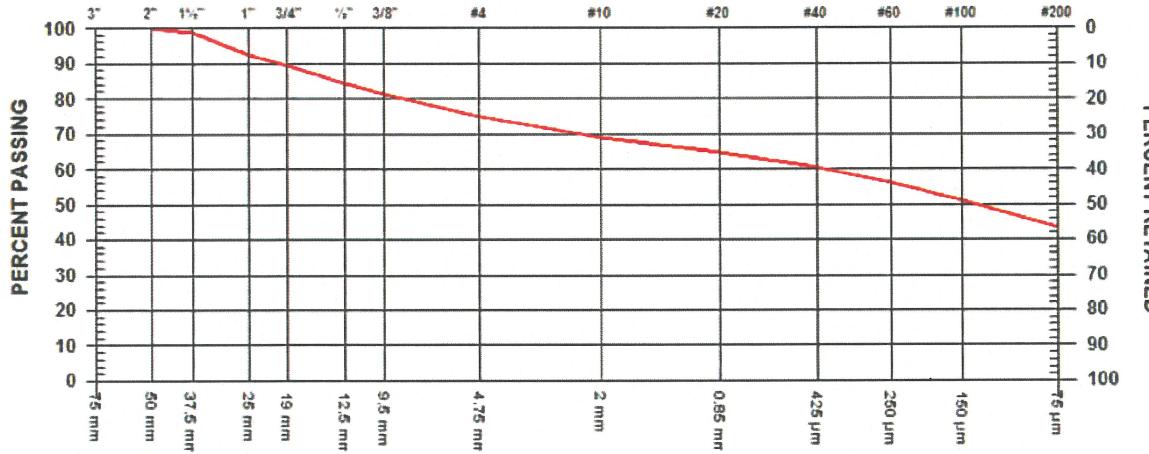
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 39 DATE RECEIVED 2010.Jun.23 DATE TESTED 2010.Jun.25 DATE SAMPLED 2010.Jun.16

SUPPLIER
 SOURCE R-S6B-ZS-06-2010
 SPECIFICATION
 MATERIAL TYPE Till

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | 100.0 | |
| 1 1/2" | 37.5 mm | 98.8 | |
| 1" | 25 mm | 92.5 | |
| 3/4" | 19 mm | 89.5 | |
| 1/2" | 12.5 mm | 84.5 | |
| 3/8" | 9.5 mm | 81.3 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 74.8 | |
| No. 10 | 2.00 mm | 69.1 | |
| No. 20 | 850 µm | 64.6 | |
| No. 40 | 425 µm | 60.5 | |
| No. 60 | 250 µm | 56.1 | |
| No. 100 | 150 µm | 51.3 | |
| No. 200 | 75 µm | 43.6 | |

COMMENTS

Location: PE, Chainage: 4750, Elevation: 957, Offset: Upstream edge
 Re: Proctor No.12, Plate No.2937-C18 and 2937-B8

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

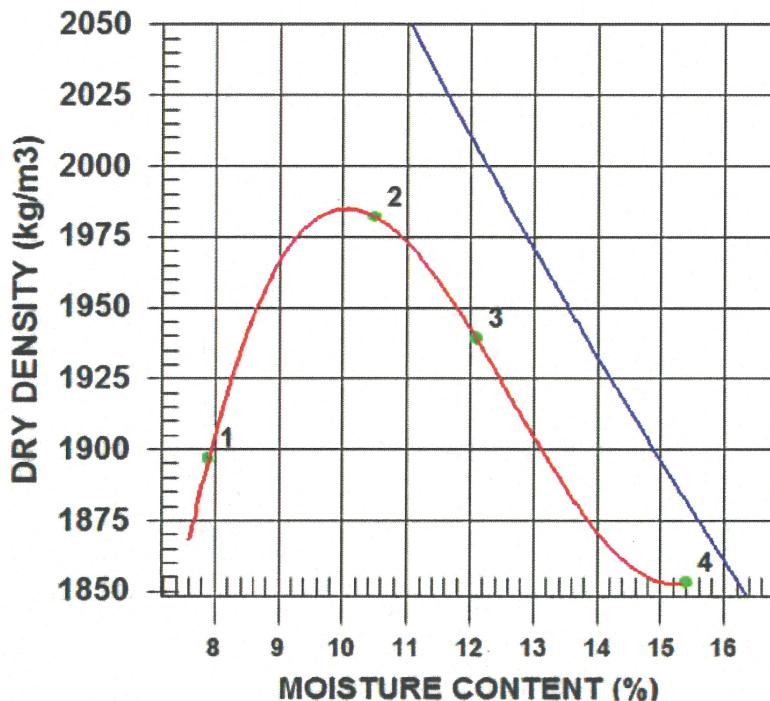
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 12 DATE TESTED 2010.Jun.25 DATE RECEIVED 2010.Jun.23 DATE SAMPLED 2010.Jun.16

| | | | |
|-------------------------|------------------|----------------------------|------------------------------------|
| INSITU MOISTURE | N/A % | COMPACTION STANDARD | Standard Proctor, |
| SAMPLED BY | Client | | ASTM D698 |
| TESTED BY | JM | COMPACTION PROCEDURE | A: 101.6mm Mold, Passing 4.75mm |
| SUPPLIER | | RAMMER TYPE | Automatic |
| SOURCE | R-S6B-ZS-06-2010 | PREPARATION | Moist |
| MATERIAL IDENTIFICATION | | OVERSIZE CORRECTION METHOD | ASTM 4718 |
| MAJOR COMPONENT | Till | RETAINED 4.75mm SCREEN | 25.0 % |
| SIZE | 50 mm | OVERSIZE SPECIFIC GRAVITY | 2.65 |
| DESCRIPTION | | TOTAL NUMBER OF TRIALS | 4 |
| ROCK TYPE | | | |

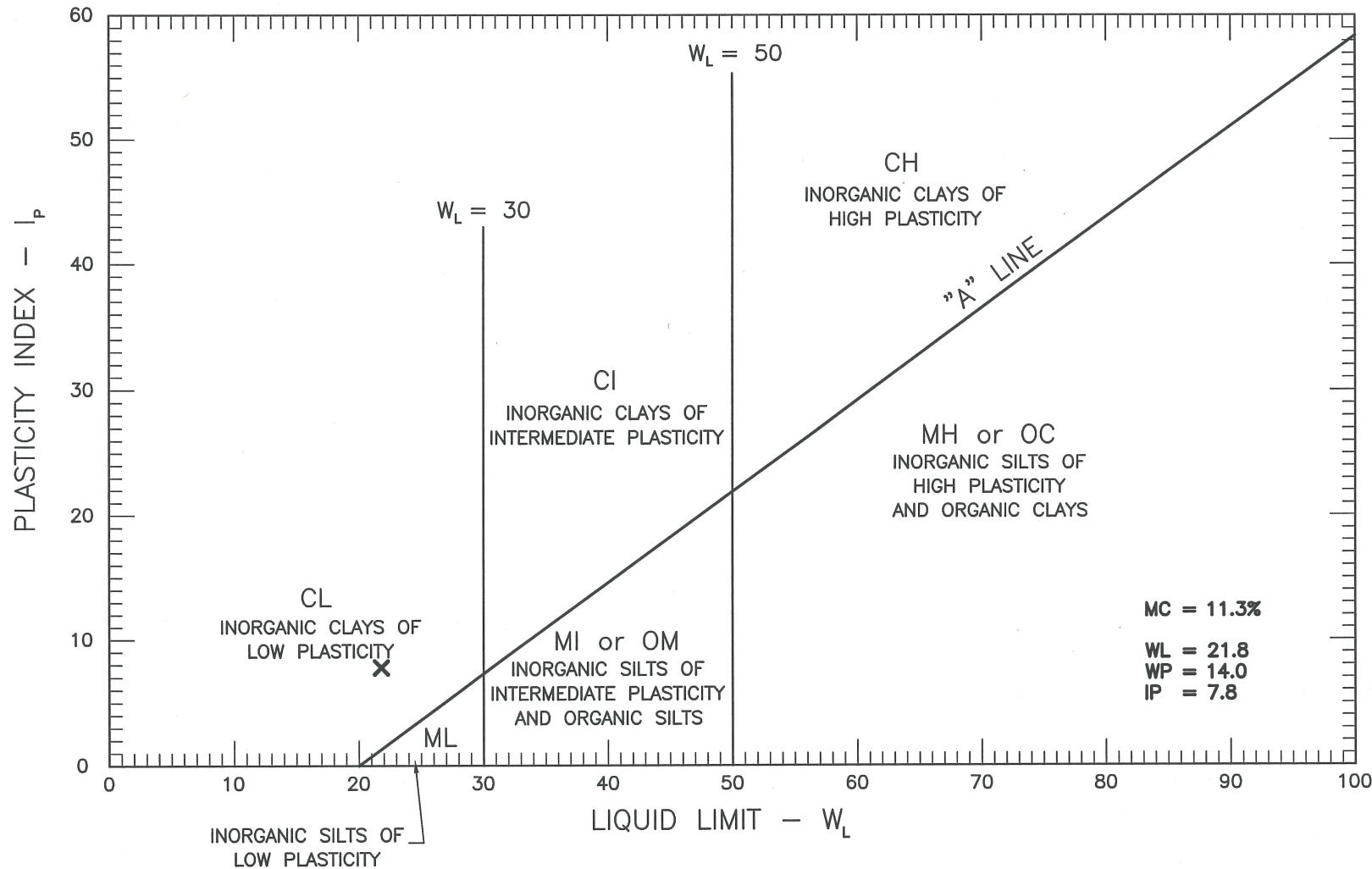


| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2047 | 1897 | 7.9 |
| 2 | 2190 | 1982 | 10.5 |
| 3 | 2174 | 1939 | 12.1 |
| 4 | 2138 | 1853 | 15.4 |

| | | |
|--|-----------------------------|------------------------------|
| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.65 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
| CALCULATED OVERSIZE CORRECTED | 1990 2120 | 10.0 8.0 |

COMMENTS
 Re: Sieve Test No. 39, Plate C18 and B8

Specific Gravity Coarse = 2.657, Fine = 2.667



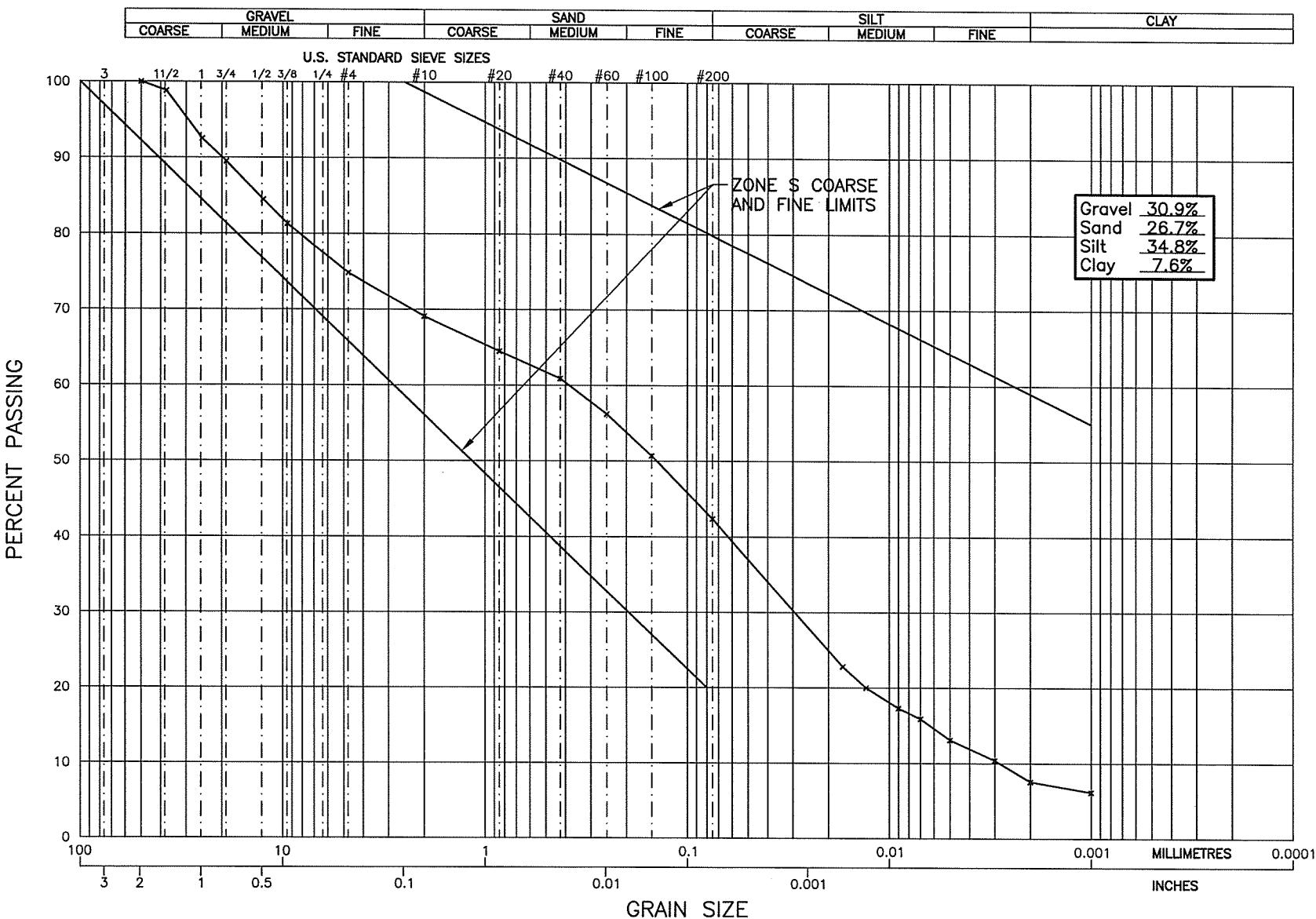
GEO NORTH ENGINEERING LTD.

3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
ATTERBERG LIMITS OF R-S6B-ZS-06-2010

PROJECT NO.
K-2937

PLATE NO.
2937-B8



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-06-2010

| | |
|-------------|----------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-C18 |

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | | Date: June 28, 2010 | | | | | | | | | | | | | |
|---|---------------------------|--------------------|-------------------------|------------------------------|--------------------------|---------------------------|-----------------|----------------------|--------------|-------------------------|------------|--|--|--|--|--|--|--|--|
| Project Name: MPCP Stage 6B | | | | | | Project #: K-2937 | | | | | | | | | | | | | |
| Source/Location: R-S6B-ZS-06-2010 | | | | | | Type: Till | | | | | | | | | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | | | Time: | | | | | | | | | | | | | |
| Sampled By: Client | Tested By: DJ | | | | | Checked By: NK | | | | | | | | | | | | | |
| Date Sampled: 06/16/2010 | Date Received: 06/23/2010 | | | | | Date Tested: 06/25/2010 | | | | | | | | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | | Hydrometer Sieve Analysis | | | | | | | | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | | | | | | | | | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 69.1 | | | | | | | | | |
| Wet Wt. & Tare | 1180.3 | 25.4 | | | | 20 | 3.3 | 46.7 | 93.4 | 64.5 | | | | | | | | | |
| Dry Wt. & Tare | 1078.5 | 19.0 | | | | 40 | 2.6 | 44.1 | 88.2 | 60.9 | | | | | | | | | |
| Water Wt. | 101.8 | 12.5 | | | | 60 | 3.4 | 40.7 | 81.4 | 56.2 | | | | | | | | | |
| Tare Wt. | 179.4 | 9.5 | See: Plate No. 2937-C18 | | | 100 | 4.0 | 36.7 | 73.4 | 50.7 | | | | | | | | | |
| Wt. Of Dry Soil | 899.1 | 4.75 | See: Sieve Test No. 39 | | | 200 | 6.0 | 30.7 | 61.4 | 42.4 | | | | | | | | | |
| Moisture Content % | 11.3 | 10 | | 69.1 | | Pan | 30.7 | | | | | | | | | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | | | | | | | | | |
| (100xWet Soil Wt.)/(100 + Initial Moisture) | | | | | | Unwashed Wt. = | | | | | | | | | | | | | |
| | | Total | 899.1 | | | Tare | | Wt. Passing #200 = | | | | | | | | | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(%-%#10) | | | | | | | | |
| 50.0 | 0.000 | 0.5 | 32.0 | 22.0 | 0.01332 | 24.5 | 12.3 | 4.950 | 0.066 | 49.0 | 33.9 | | | | | | | | |
| 50.0 | 0.000 | 1 | 28.0 | 22.0 | 0.01332 | 20.5 | 12.9 | 3.593 | 0.048 | 41.0 | 28.3 | | | | | | | | |
| 50.0 | 0.000 | 2 | 26.5 | 22.0 | 0.01332 | 19.0 | 13.2 | 2.565 | 0.034 | 38.0 | 26.3 | | | | | | | | |
| 50.0 | 0.000 | 4 | 25.0 | 22.0 | 0.01332 | 17.5 | 13.4 | 1.831 | 0.024 | 35.0 | 24.2 | | | | | | | | |
| 50.0 | 0.000 | 8 | 24.0 | 22.0 | 0.01332 | 16.5 | 13.6 | 1.303 | 0.017 | 33.0 | 22.8 | | | | | | | | |
| 50.0 | 0.000 | 15 | 22.0 | 22.0 | 0.01332 | 14.5 | 13.9 | 0.963 | 0.013 | 29.0 | 20.0 | | | | | | | | |
| 50.0 | 0.000 | 30 | 20.0 | 22.0 | 0.01332 | 12.5 | 14.2 | 0.689 | 0.009 | 25.0 | 17.3 | | | | | | | | |
| 50.0 | 0.000 | 60 | 19.0 | 22.0 | 0.01332 | 11.5 | 14.4 | 0.490 | 0.007 | 23.0 | 15.9 | | | | | | | | |
| 50.0 | 0.000 | 120 | 17.0 | 22.0 | 0.01332 | 9.5 | 14.7 | 0.350 | 0.005 | 19.0 | 13.1 | | | | | | | | |
| 50.0 | 0.000 | 240 | 15.0 | 22.0 | 0.01332 | 7.5 | 15.1 | 0.250 | 0.003 | 15.0 | 10.4 | | | | | | | | |
| 50.0 | 0.000 | 480 | 13.0 | 22.0 | 0.01332 | 5.5 | 15.4 | 0.179 | 0.002 | 11.0 | 7.6 | | | | | | | | |
| 50.0 | 0.000 | 1440 | 12.0 | 23.0 | 0.01317 | 4.5 | 15.6 | 0.104 | 0.001 | 9.0 | 6.2 | | | | | | | | |
| Hydrometer #: 790414 | | Graduate #: | | Dispersing Agent: Sodium Hex | | | Amount: 125ml | | | | | | | | | | | | |
| Density of Solids: | | | | | | | | | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | | | | | | | | | |

Noelco

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

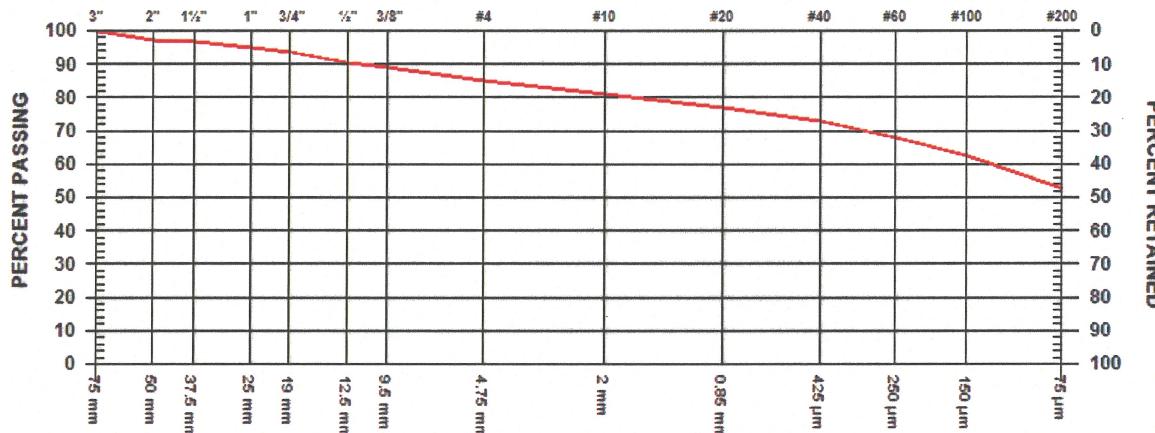
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 42 DATE RECEIVED 2010.Jul.14 DATE TESTED 2010.Jul.16 DATE SAMPLED 2010.Jul.07

SUPPLIER
 SOURCE R-SGB-ZS-07-2010
 SPECIFICATION
 MATERIAL TYPE Till

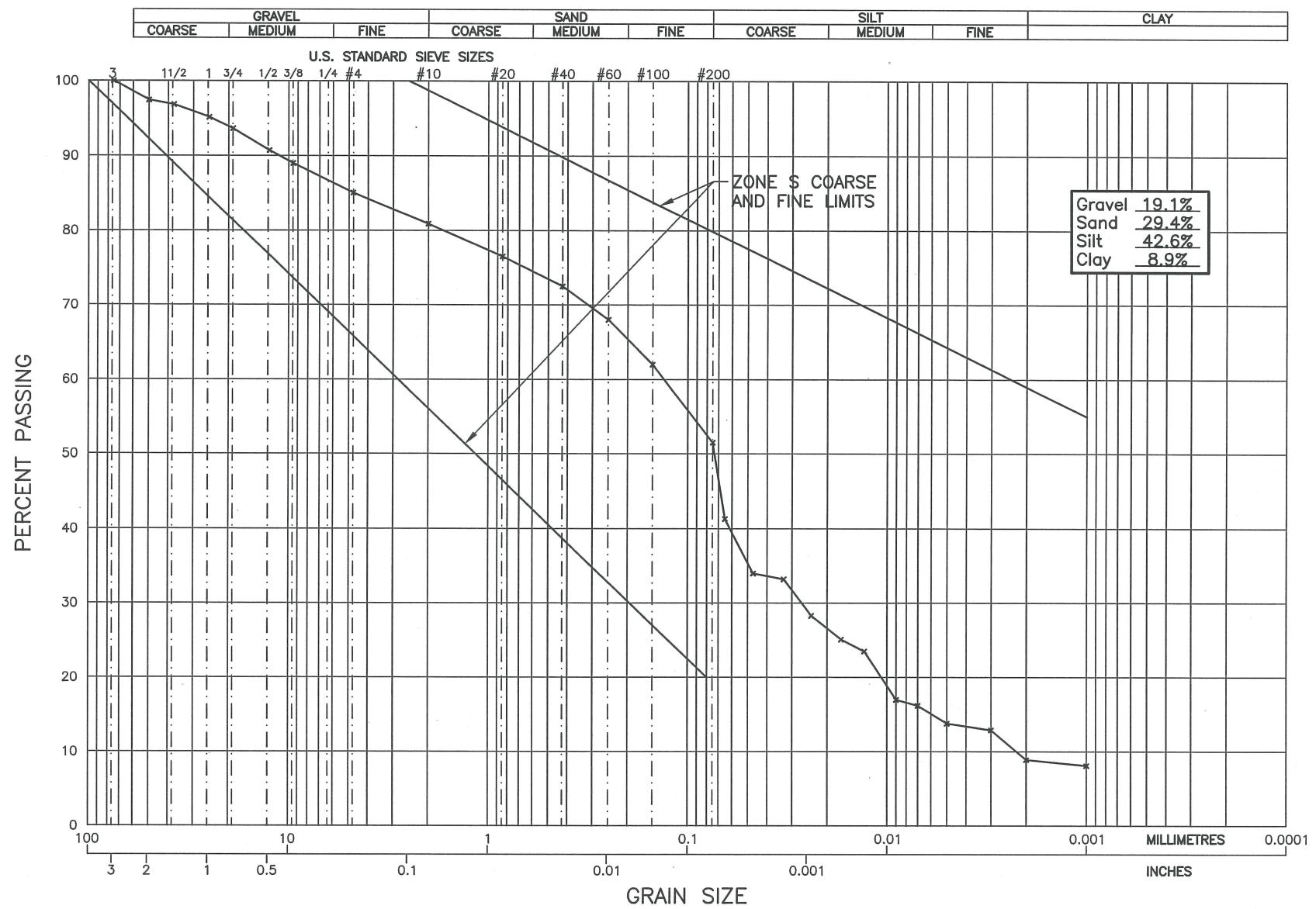
SAMPLED BY Client
 TESTED BY JM
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 97.4 | |
| 1 1/2" | 37.5 mm | 96.8 | |
| 1" | 25 mm | 95.1 | |
| 3/4" | 19 mm | 93.6 | |
| 1/2" | 12.5 mm | 90.7 | |
| 3/8" | 9.5 mm | 89.0 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 85.1 | |
| No. 10 | 2.00 mm | 80.9 | |
| No. 20 | 850 µm | 77.0 | |
| No. 40 | 425 µm | 73.0 | |
| No. 60 | 250 µm | 68.1 | |
| No. 100 | 150 µm | 62.7 | |
| No. 200 | 75 µm | 52.8 | |

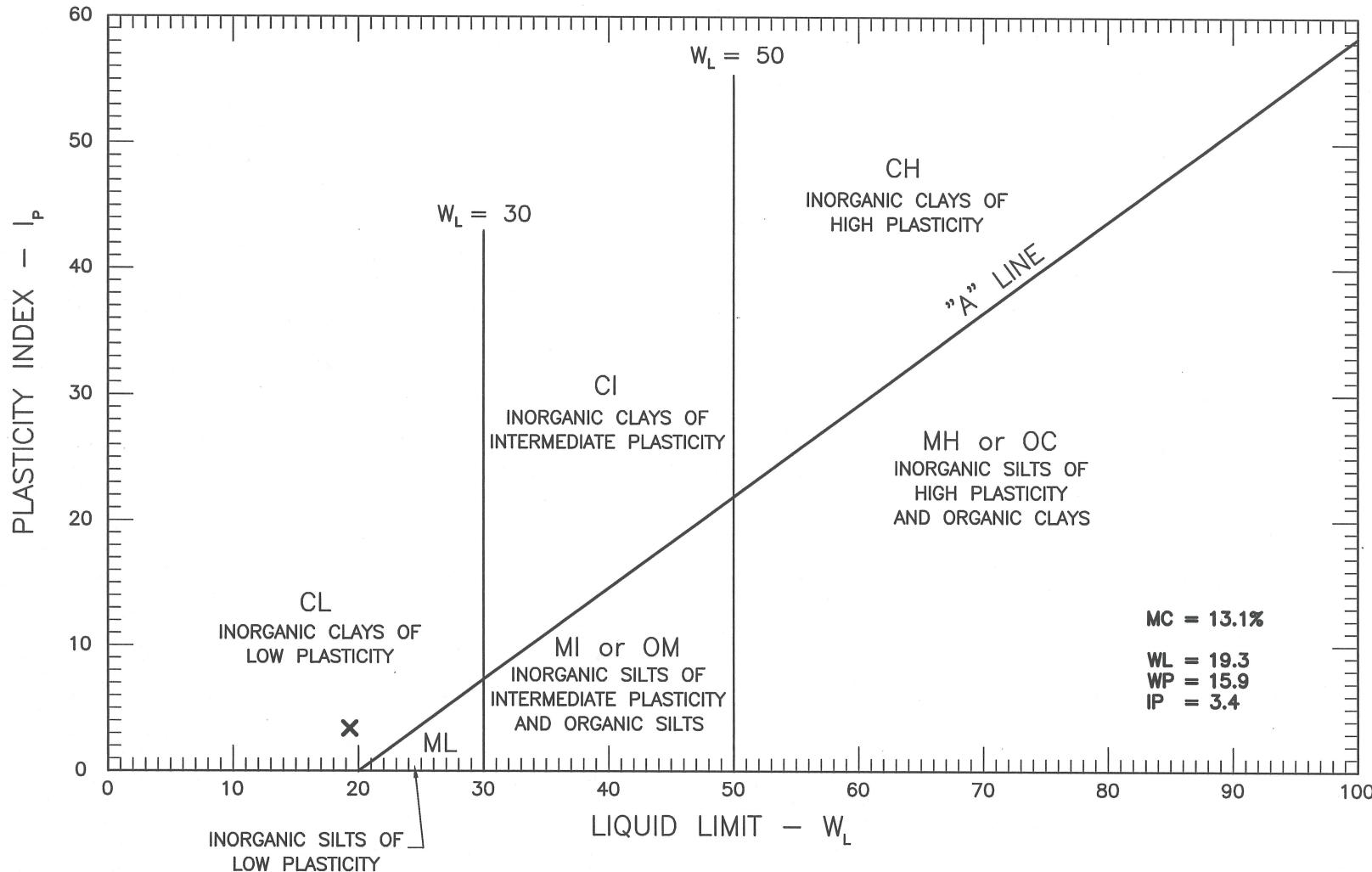
COMMENTS
 See Proctor Test #13



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-07-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C22



GEO NORTH ENGINEERING LTD.

3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
ATTERBERG LIMITS OF R-S6B-ZS-07-2010

| | |
|-------------|---------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-B9 |

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

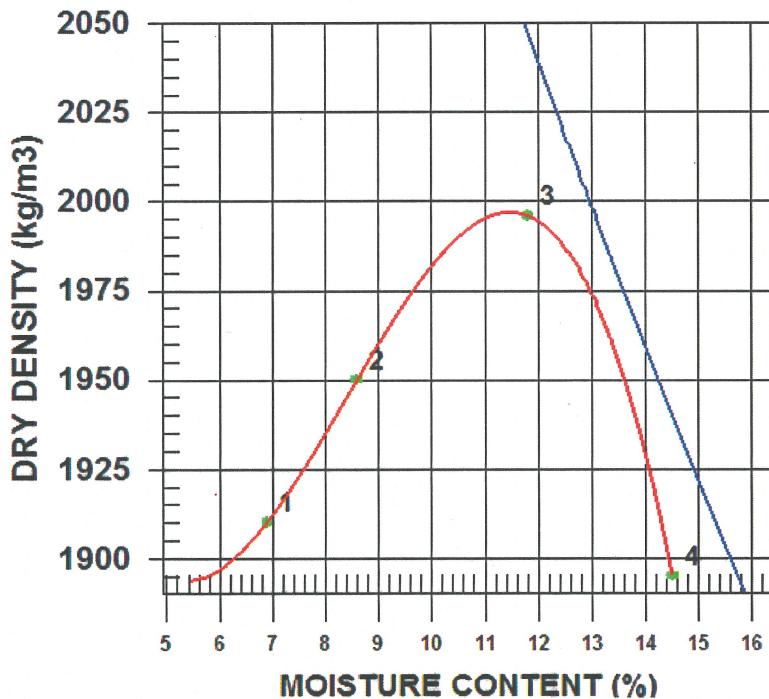
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 13 DATE TESTED 2010.Jul.19 DATE RECEIVED 2010.Jul.14 DATE SAMPLED 2010.Jul.07

| | | | |
|-------------------------|------------------|------------------------------------|-------------------|
| INSITU MOISTURE | N/A % | COMPACTION STANDARD | Standard Proctor, |
| SAMPLED BY | Client | ASTM D698 | |
| TESTED BY | JM | A: 101.6mm Mold, Passing 4.75mm | |
| SUPPLIER | | Automatic | |
| SOURCE | R-S6B-ZS-07-2010 | Moist | |
| MATERIAL IDENTIFICATION | | ASTM 4718 | |
| MAJOR COMPONENT | Till | 14.4 % | |
| SIZE | 50mm | 2.70 | |
| DESCRIPTION | | 4 | |
| ROCK TYPE | | | |



| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2042 | 1910 | 6.9 |
| 2 | 2118 | 1950 | 8.6 |
| 3 | 2231 | 1996 | 11.8 |
| 4 | 2170 | 1895 | 14.5 |

| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.70 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|---|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2000 2080 | 11.5 10.0 |

COMMENTS
 Specific Gravity on oversize material is 2.70

See sieve test #42

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | | Date: July 20, 2010 | | | | | | | | | | | | | |
|---|---------------------------|--------------------|----------------------|------------------------------|--------------------------|---------------------------|--------------------|----------------------|-------------------------|--------|------------|--|--|--|--|--|--|--|--|
| Project Name: MPCP Stage 6B | | | | | | Project #: K-2937 | | | | | | | | | | | | | |
| Source/Location: R-S6B-ZS-07-2010 | | | | | | Type: Till | | | | | | | | | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | | Time: | | | | | | | | | | | | | | |
| Sampled By: Client | Tested By: DJ | | | Checked By: | | | | | | | | | | | | | | | |
| Date Sampled: 07/07/2010 | Date Received: 07/14/2010 | | | Date Tested: 07/19/2010 | | | | | | | | | | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | | Hydrometer Sieve Analysis | | | | | | | | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than Orig Samp. | | | | | | | | | | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | | | | | | | | | | |
| Wet Wt. & Tare | 990.2 | 25.4 | | | | 20 | 2.7 | 47.3 | 94.6 | | | | | | | | | | |
| Dry Wt. & Tare | 898.4 | 19.0 | | | | 40 | 2.5 | 44.8 | 89.6 | | | | | | | | | | |
| Water Wt. | 91.8 | 12.5 | | | | 60 | 2.8 | 42.0 | 84.0 | | | | | | | | | | |
| Tare Wt. | 196.8 | 9.5 | See Sieve test No 42 | | | 100 | 3.7 | 38.3 | 76.6 | | | | | | | | | | |
| Wt. Of Dry Soil | 701.6 | 4.75 | | | | 200 | 6.5 | 31.8 | 63.6 | | | | | | | | | | |
| Moisture Content % | 13.1 | 10 | | 80.9 | Pan | | 31.8 | | | | | | | | | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | Total | | 50.0 | | | | | | | | | | | | |
| (100xWet Soil Wt.)/(100 + Initial Moisture) | | | | | Unwashed Wt.= | | | | | | | | | | | | | | |
| | | Total | 701.6 | | Tare | | Wt. Passing #200 = | | | | | | | | | | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(%-%#10) | | | | | | | | |
| 50.0 | 0.809 | 0.5 | 33.0 | 23.0 | 0.01317 | 25.5 | 12.1 | 4.917 | 0.065 | 51.0 | 41.3 | | | | | | | | |
| 50.0 | 0.809 | 1 | 28.5 | 23.0 | 0.01317 | 21.0 | 12.8 | 3.582 | 0.047 | 42.0 | 34.0 | | | | | | | | |
| 50.0 | 0.809 | 2 | 28.0 | 23.0 | 0.01317 | 20.5 | 12.9 | 2.541 | 0.033 | 41.0 | 33.2 | | | | | | | | |
| 50.0 | 0.809 | 4 | 25.0 | 23.0 | 0.01317 | 17.5 | 13.4 | 1.831 | 0.024 | 35.0 | 28.3 | | | | | | | | |
| 50.0 | 0.809 | 8 | 23.0 | 23.0 | 0.01317 | 15.5 | 13.7 | 1.310 | 0.017 | 31.0 | 25.1 | | | | | | | | |
| 50.0 | 0.809 | 15 | 22.0 | 23.0 | 0.01317 | 14.5 | 13.9 | 0.963 | 0.013 | 29.0 | 23.5 | | | | | | | | |
| 50.0 | 0.809 | 30 | 18.0 | 23.0 | 0.01317 | 10.5 | 14.6 | 0.697 | 0.009 | 21.0 | 17.0 | | | | | | | | |
| 50.0 | 0.809 | 60 | 17.5 | 23.0 | 0.01317 | 10.0 | 14.6 | 0.494 | 0.007 | 20.0 | 16.2 | | | | | | | | |
| 50.0 | 0.809 | 120 | 16.0 | 23.0 | 0.01317 | 8.5 | 14.9 | 0.352 | 0.005 | 17.0 | 13.8 | | | | | | | | |
| 50.0 | 0.809 | 240 | 15.5 | 23.0 | 0.01317 | 8.0 | 15.0 | 0.250 | 0.003 | 16.0 | 12.9 | | | | | | | | |
| 50.0 | 0.809 | 480 | 12.5 | 24.0 | 0.01301 | 5.5 | 15.4 | 0.179 | 0.002 | 11.0 | 8.9 | | | | | | | | |
| 50.0 | 0.809 | 1440 | 12.0 | 24.0 | 0.01301 | 5.0 | 15.5 | 0.104 | 0.001 | 10.0 | 8.1 | | | | | | | | |
| Hydrometer #: 790414 | | Graduate #: | | Dispersing Agent: Sodium Hex | | Amount: 125ml | | | | | | | | | | | | | |
| Density of Solids: | | | | | | | | | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | Noelco | | | | | | | | | |

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 43 DATE RECEIVED 2010.Jul.20 DATE TESTED 2010.Jul.26 DATE SAMPLED 2010.Jul.17

SUPPLIER
 SOURCE R-S6B-ZS-08-2010
 SPECIFICATION
 MATERIAL TYPE Till

SAMPLED BY Client
 TESTED BY BG
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 100.0 | |
| 1 1/2" | 37.5 mm | 99.5 | |
| 1" | 25 mm | 95.8 | |
| 3/4" | 19 mm | 92.9 | |
| 1/2" | 12.5 mm | 89.5 | |
| 3/8" | 9.5 mm | 87.5 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 82.5 | |
| No. 10 | 2.00 mm | 76.6 | |
| No. 20 | 850 µm | 71.9 | |
| No. 40 | 425 µm | 67.3 | |
| No. 60 | 250 µm | 62.0 | |
| No. 100 | 150 µm | 56.4 | |
| No. 200 | 75 µm | 46.5 | |

MOISTURE CONTENT 6.5 %

COMMENTS

Location:SE, Chainage:1400, Elevation:957.3

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | | Date: July 27, 2010 | | | | | |
|---|---------|------------------------------|--------------------|------------------------------|---------------------------|---------------------|-----------------|----------------------------|---------------|-------------------------|-------------|
| Project Name: MPCP Stage 6B | | | | | | Project #: K-2937 | | | | | |
| Source/Location: R-S6B-ZS-08-2010 | | | | | | Type: Till | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | | | Time: | | | | | |
| Sampled By: Client | | Tested By: DJ | | | | | | Checked By: | | | |
| Date Sampled: July 17, 2010 | | Date Received: July 20, 2010 | | | | | | Date Tested: July 26, 2010 | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 76.6 | |
| Wet Wt. & Tare | 845.7 | 25.4 | | | | 20 | 0.1 | 49.9 | 99.8 | 76.4 | |
| Dry Wt. & Tare | 787.8 | 19.0 | | | | 40 | 0.1 | 49.8 | 99.6 | 76.3 | |
| Water Wt. | 57.9 | 12.5 | | | | 60 | 3.6 | 46.2 | 92.4 | 70.8 | |
| Tare Wt. | 180.6 | 9.5 | See Sieve Test #43 | | | 100 | 5.2 | 41.0 | 82.0 | 62.8 | |
| Wt. Of Dry Soil | 607.2 | 4.75 | | | | 200 | 7.3 | 33.7 | 67.4 | 51.6 | |
| Moisture Content % | 9.5 | 10 | | 76.6 | Pan | | 33.7 | | | | |
| Dry Wt. of Sample from Initial Moisture | | | | | Total | | 50.0 | | | | |
| (100xWet Soil Wt.)/(100 + Initial Moisture) | | | | | | Unwashed Wt. = | | | | | |
| | | Total | 607.2 | | | Tare | | Wt. Passing #200 = | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(% - #10) |
| 50.0 | 0.766 | 0.5 | 37.0 | 24.0 | 0.01301 | 30.0 | 11.3 | 4.763 | 0.062 | 60.0 | 46.0 |
| 50.0 | 0.766 | 1 | 32.5 | 24.0 | 0.01301 | 25.5 | 12.1 | 3.477 | 0.045 | 51.0 | 39.1 |
| 50.0 | 0.766 | 2 | 32.0 | 24.0 | 0.01301 | 25.0 | 12.2 | 2.467 | 0.032 | 50.0 | 38.3 |
| 50.0 | 0.766 | 4 | 29.5 | 24.0 | 0.01301 | 22.5 | 12.6 | 1.774 | 0.023 | 45.0 | 34.5 |
| 50.0 | 0.766 | 8 | 27.0 | 24.0 | 0.01301 | 20.0 | 13.0 | 1.275 | 0.017 | 40.0 | 30.6 |
| 50.0 | 0.766 | 15 | 25.0 | 24.0 | 0.01301 | 18.0 | 13.3 | 0.943 | 0.012 | 36.0 | 27.6 |
| 50.0 | 0.766 | 30 | 23.5 | 24.0 | 0.01301 | 16.5 | 13.6 | 0.673 | 0.009 | 33.0 | 25.3 |
| 50.0 | 0.766 | 60 | 21.5 | 24.0 | 0.01301 | 14.5 | 13.9 | 0.481 | 0.006 | 29.0 | 22.2 |
| 50.0 | 0.766 | 120 | 20.0 | 24.0 | 0.01301 | 13.0 | 14.2 | 0.343 | 0.004 | 26.0 | 19.9 |
| 50.0 | 0.766 | 240 | 18.0 | 24.0 | 0.01301 | 11.0 | 14.5 | 0.246 | 0.003 | 22.0 | 16.9 |
| 50.0 | 0.766 | 480 | 15.5 | 26.0 | 0.01272 | 9.0 | 14.8 | 0.176 | 0.002 | 18.0 | 13.8 |
| 50.0 | 0.766 | 1440 | 14.0 | 26.0 | 0.01272 | 7.5 | 15.1 | 0.102 | 0.001 | 15.0 | 11.5 |
| Hydrometer #: 790414 | | Graduate #: | | Dispersing Agent: Sodium Hex | | | | | Amount: 125ml | | |
| Density of Solids: Specific gravity = 2.672 | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

Noelco

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 14

DATE TESTED 2010.Jul.26 DATE RECEIVED 2010.Jul.20 DATE SAMPLED 2010.Jul.17

| | | |
|-------------------------|------------------|---|
| INSITU MOISTURE | N/A | % |
| SAMPLED BY | Client | |
| TESTED BY | DJ | |
| SUPPLIER | | |
| SOURCE | R-S6B-ZS-08-2010 | |
| MATERIAL IDENTIFICATION | | |
| MAJOR COMPONENT | Till | |
| SIZE | 37.5mm | |
| DESCRIPTION | | |
| ROCK TYPE | | |

COMPACTION STANDARD

Standard Proctor,

ASTM D698

A: 101.6mm Mold,

Passing 4.75mm

Automatic

Moist

RAMMER TYPE

ASTM 4718

PREPARATION

16.6 %

Oversize Correction Method

2.66

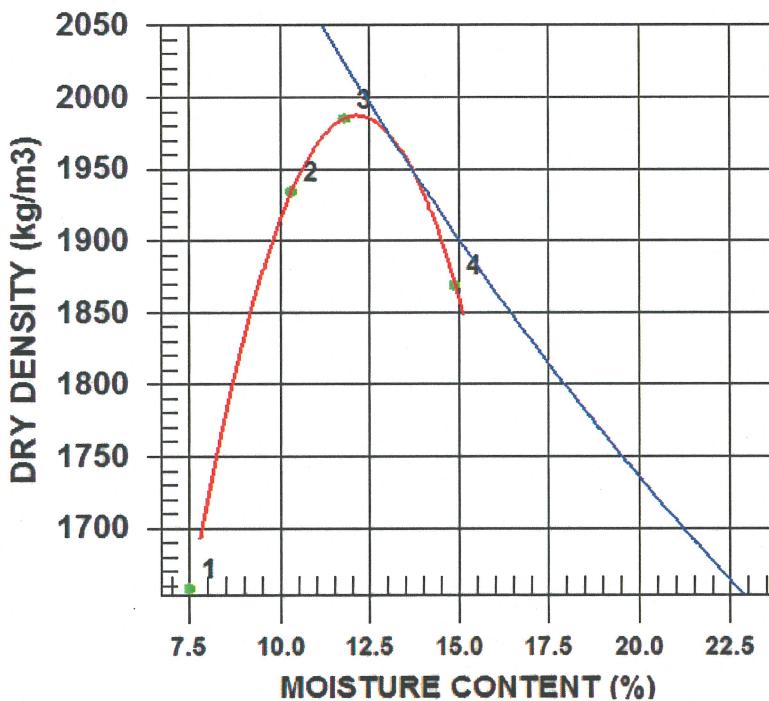
RETAINED 4.75mm SCREEN

4

Oversize Specific Gravity

4

Total Number of Trials



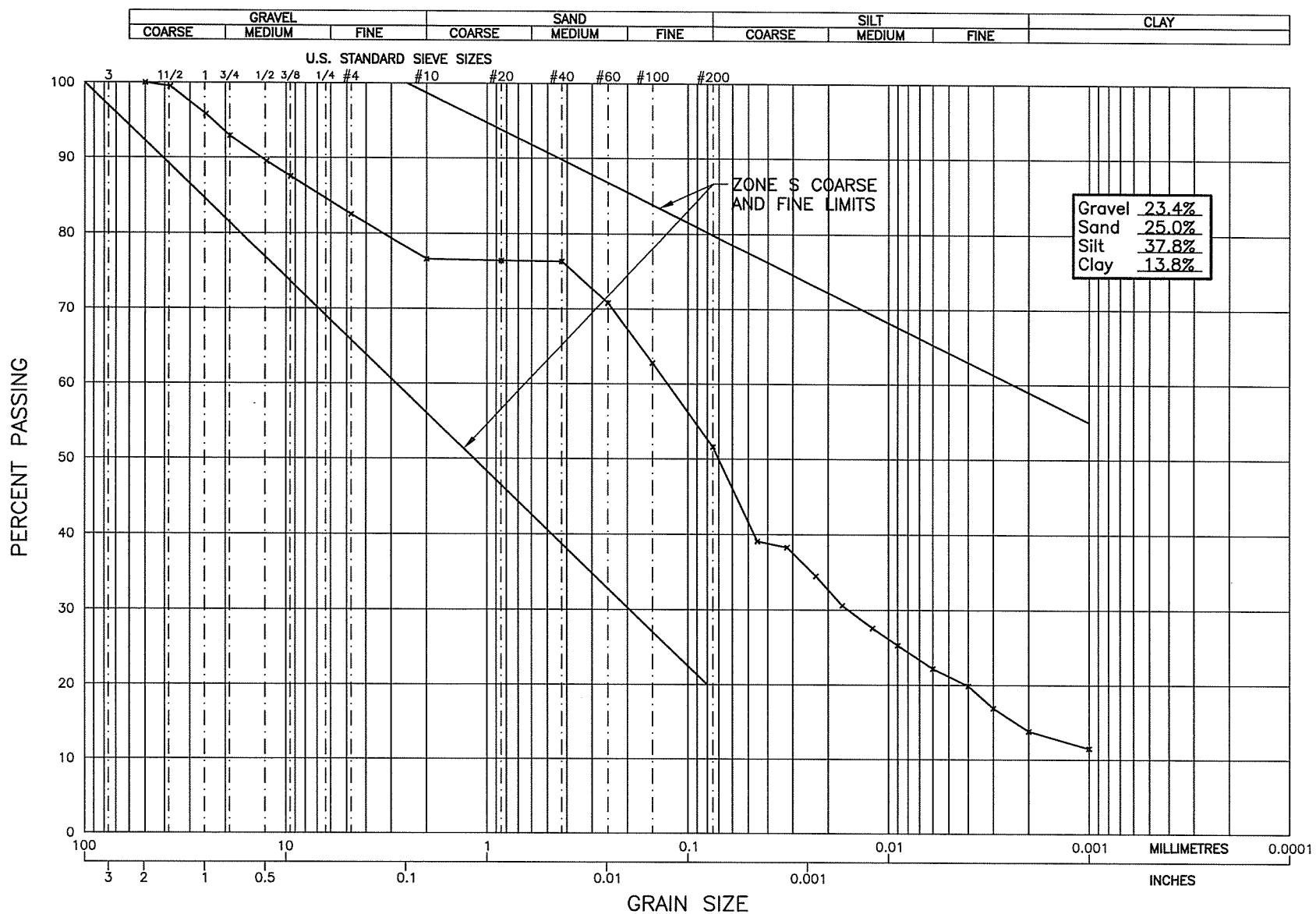
| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 1782 | 1658 | 7.5 |
| 2 | 2133 | 1934 | 10.3 |
| 3 | 2219 | 1985 | 11.8 |
| 4 | 2148 | 1869 | 14.9 |

| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.66 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|---|-----------------------------|------------------------------|
| CALCULATED | 1990 | 12.0 |
| OVERSIZE CORRECTED | 2080 | 10.0 |

COMMENTS

Location: SE, Chainage: 1400, Elevation: 957.3

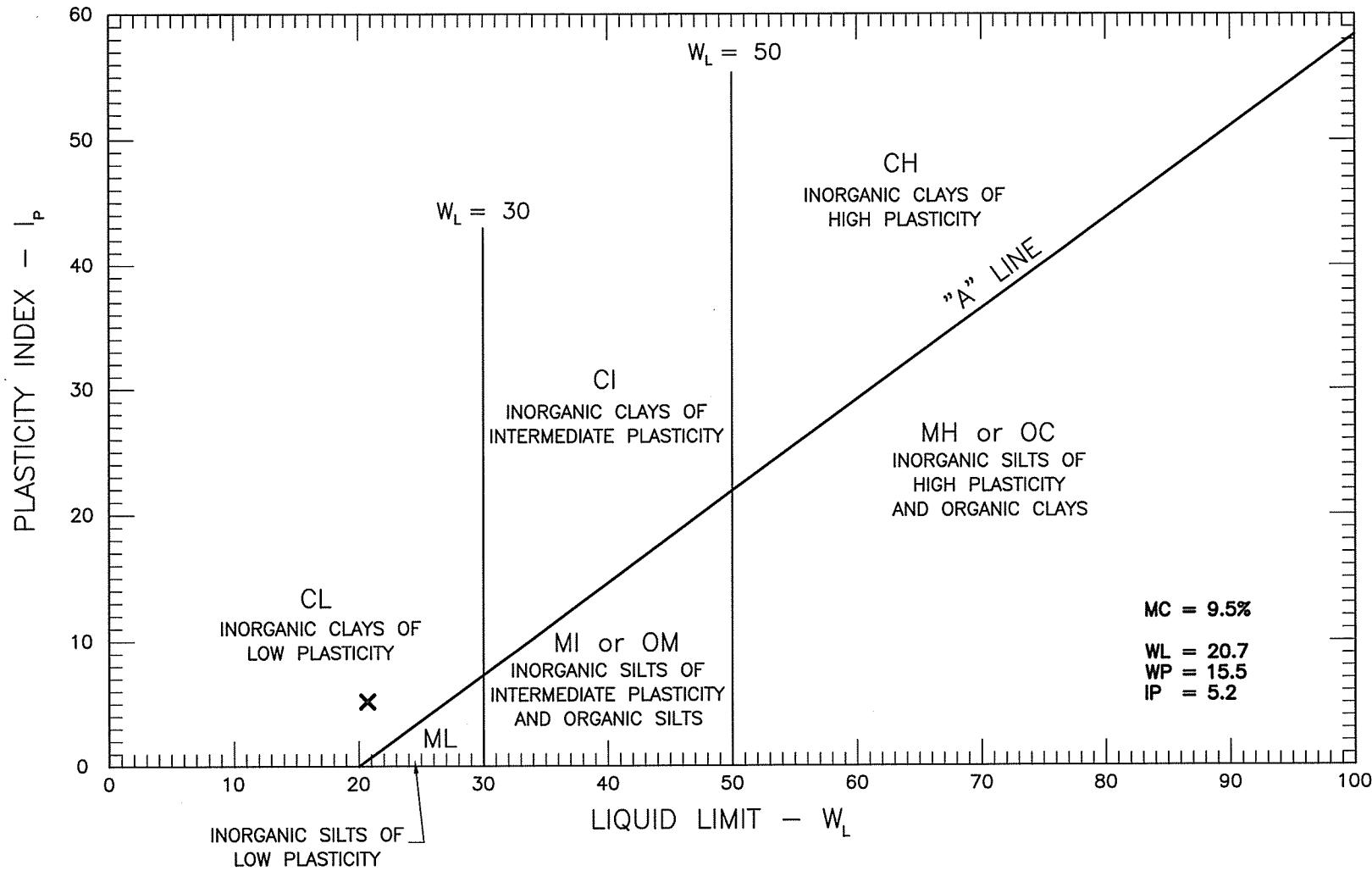
See sieve test report #43



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
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MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM – STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-08-2010

| |
|-----------------------|
| PROJECT NO. K-2937 |
| PLATE NO. 2937-C24 |



GEO NORTH ENGINEERING LTD.

3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
ATTERBERG LIMITS OF R-S6B-ZS-08-2010

PROJECT NO.
 K-2937

PLATE NO.
 2937-B10

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

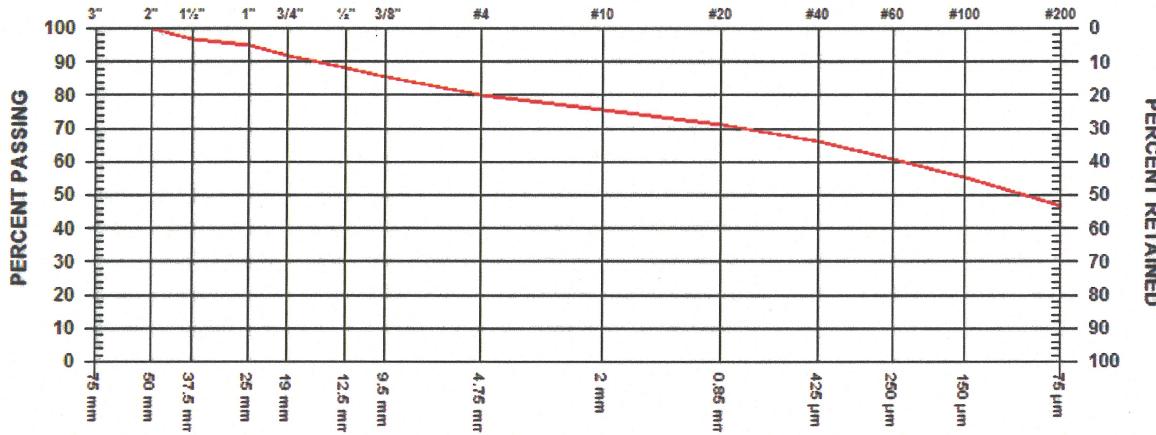
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 44 DATE RECEIVED 2010.Jul.20 DATE TESTED 2010.Jul.26 DATE SAMPLED 2010.Jul.14

SUPPLIER
 SOURCE R-S6B-ZS-09-2010
 SPECIFICATION
 MATERIAL TYPE Till

SAMPLED BY Client
 TESTED BY BG
 TEST METHOD WASHED



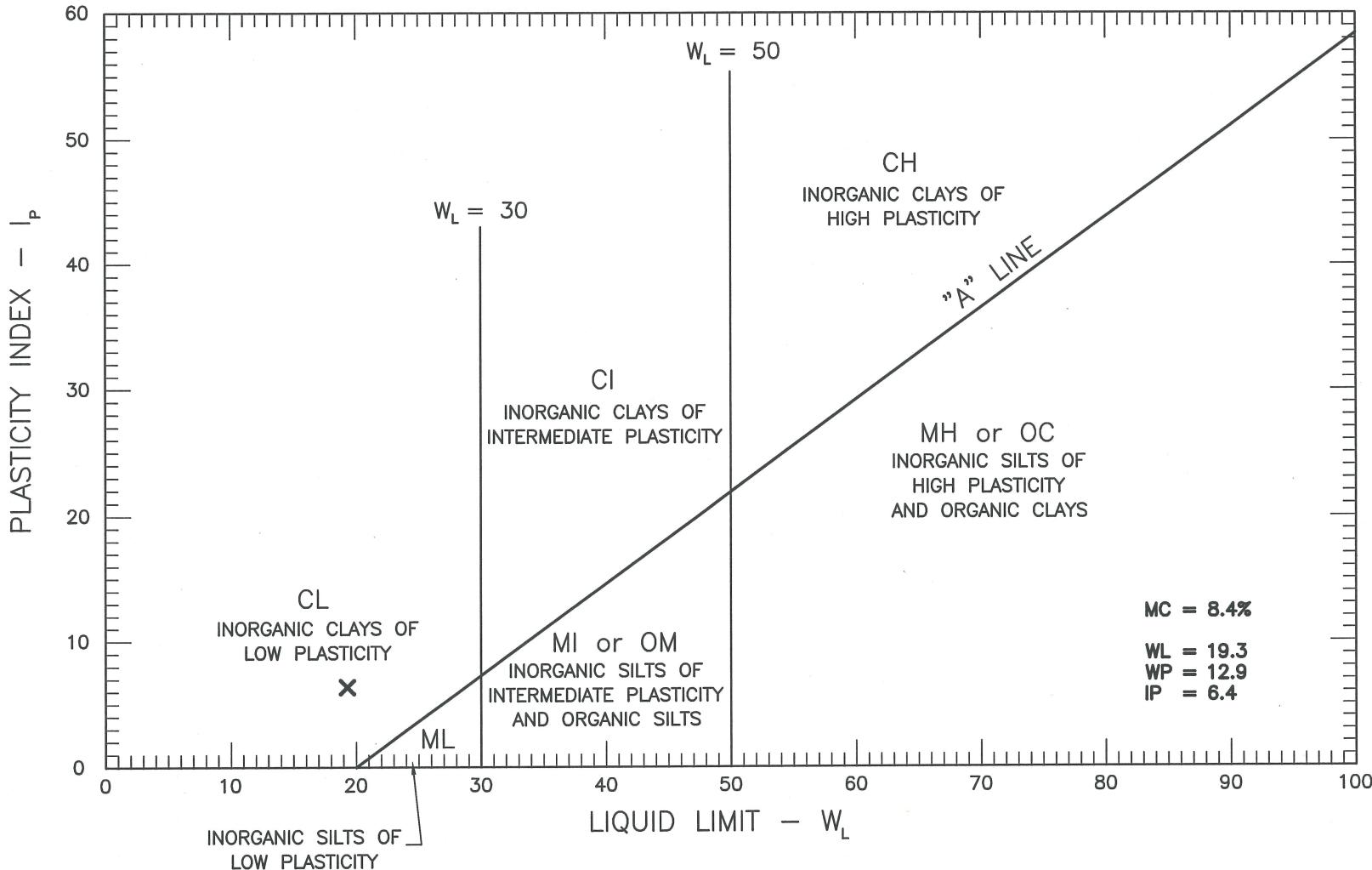
| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 100.0 | |
| 1 1/2" | 37.5 mm | 96.7 | |
| 1" | 25 mm | 94.9 | |
| 3/4" | 19 mm | 92.1 | |
| 1/2" | 12.5 mm | 88.2 | |
| 3/8" | 9.5 mm | 85.6 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 80.3 | |
| No. 10 | 2.00 mm | 75.5 | |
| No. 20 | 850 µm | 71.0 | |
| No. 40 | 425 µm | 66.3 | |
| No. 60 | 250 µm | 60.8 | |
| No. 100 | 150 µm | 55.2 | |
| No. 200 | 75 µm | 46.7 | |

MOISTURE CONTENT 4.1 %

COMMENTS

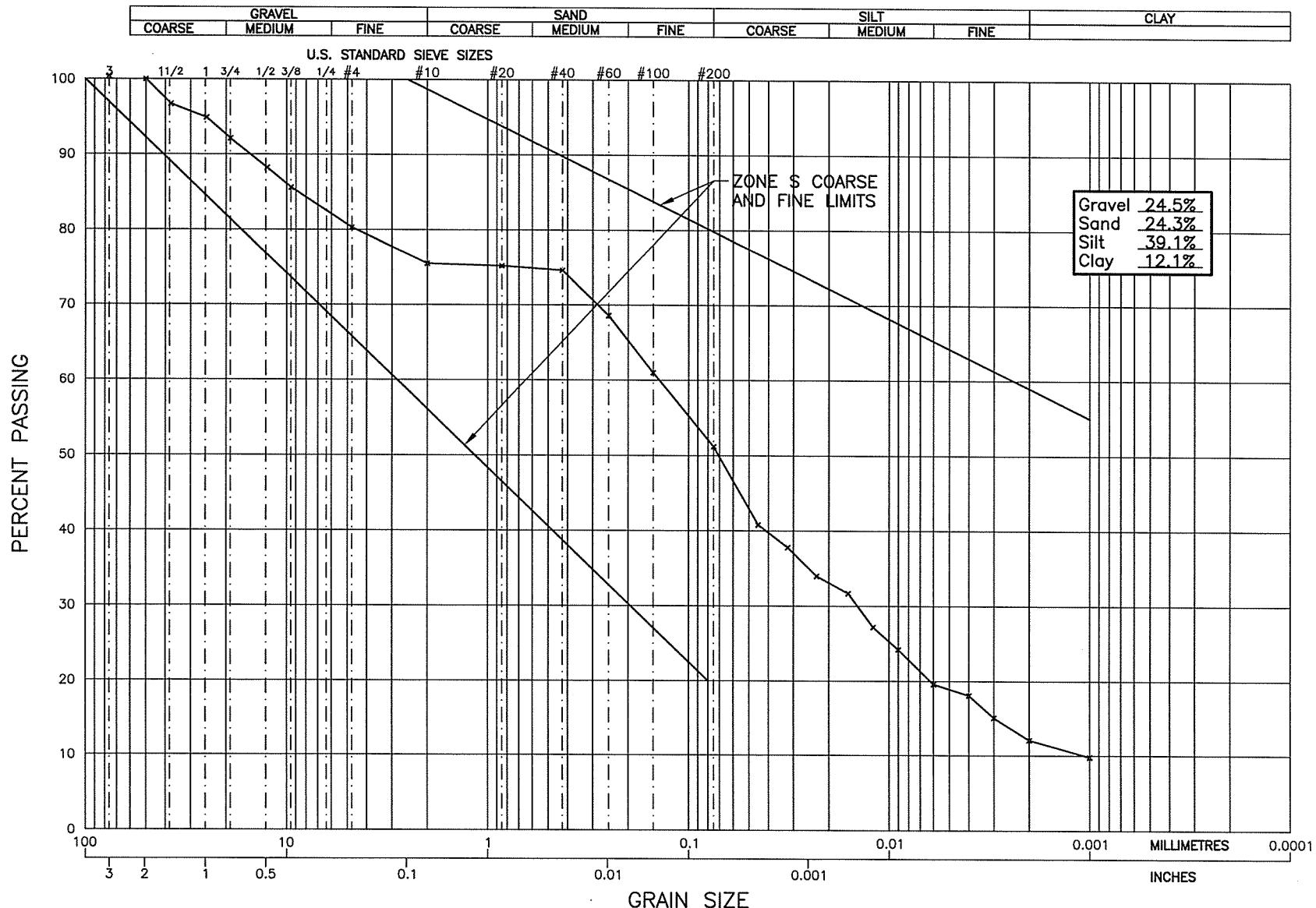
Location:ME, Chainage:1700, Elevation:957.3



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
ATTERBERG LIMITS OF R-S6B-ZS-09-2010

| | |
|-------------|----------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-B11 |



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-09-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C25

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | | Date: July 27,2010 | | | | | | | | | | | | | |
|--|---------|-----------------------------|--------------------|------------------------------|--------------------------|---------------------------|-----------------|----------------------|--------------|-------------------------|-----------|--|--|--|--|--|--|--|--|
| Project Name: MPCP Stage 6B | | | | | | Project #: K-2937 | | | | | | | | | | | | | |
| Source/Location: R-S6B-ZS-09-2010 | | | | | | Type: Till | | | | | | | | | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | | | Time: | | | | | | | | | | | | | |
| Sampled By: Client | | Tested By: DJ | | | | Checked By: | | | | | | | | | | | | | |
| Date Sampled: July 14,2010 | | Date Received: July 20,2010 | | | | Date Tested: July 26,2010 | | | | | | | | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | | Hydrometer Sieve Analysis | | | | | | | | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | | | | | | | | | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 75.5 | | | | | | | | | |
| Wet Wt. & Tare | 737.1 | 25.4 | | | | 20 | 0.2 | 49.8 | 99.6 | 75.2 | | | | | | | | | |
| Dry Wt. & Tare | 694.1 | 19.0 | | | | 40 | 0.4 | 49.4 | 98.8 | 74.6 | | | | | | | | | |
| Water Wt. | 43.0 | 12.5 | | | | 60 | 4.0 | 45.4 | 90.8 | 68.6 | | | | | | | | | |
| Tare Wt. | 179.4 | 9.5 | See Sieve Test #44 | | | 100 | 5.0 | 40.4 | 80.8 | 61.0 | | | | | | | | | |
| Wt. Of Dry Soil | 514.7 | 4.75 | | | | 200 | 6.5 | 33.9 | 67.8 | 51.2 | | | | | | | | | |
| Moisture Content % | 8.4 | 10 | | | 75.5 | Pan | 33.9 | | | | | | | | | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | | | | | | | | | |
| -(100xWet Soil Wt.)/(100 + Initial Moisture) | | | | | | Unwashed Wt.= | | | | | | | | | | | | | |
| | | Total | 514.7 | | | Tare | | Wt. Passing #200 = | | | | | | | | | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(%/#10) | | | | | | | | |
| 50.0 | 0.755 | 0.5 | 38.0 | 24.0 | 0.01301 | 31.0 | 11.2 | 4.729 | 0.062 | 62.0 | 46.8 | | | | | | | | |
| 50.0 | 0.755 | 1 | 34.0 | 24.0 | 0.01301 | 27.0 | 11.8 | 3.441 | 0.045 | 54.0 | 40.8 | | | | | | | | |
| 50.0 | 0.755 | 2 | 32.0 | 24.0 | 0.01301 | 25.0 | 12.2 | 2.467 | 0.032 | 50.0 | 37.8 | | | | | | | | |
| 50.0 | 0.755 | 4 | 29.5 | 24.0 | 0.01301 | 22.5 | 12.6 | 1.774 | 0.023 | 45.0 | 34.0 | | | | | | | | |
| 50.0 | 0.755 | 8 | 28.0 | 24.0 | 0.01301 | 21.0 | 12.8 | 1.266 | 0.016 | 42.0 | 31.7 | | | | | | | | |
| 50.0 | 0.755 | 15 | 25.0 | 24.0 | 0.01301 | 18.0 | 13.3 | 0.943 | 0.012 | 36.0 | 27.2 | | | | | | | | |
| 50.0 | 0.755 | 30 | 23.0 | 24.0 | 0.01301 | 16.0 | 13.7 | 0.675 | 0.009 | 32.0 | 24.2 | | | | | | | | |
| 50.0 | 0.755 | 60 | 20.0 | 24.0 | 0.01301 | 13.0 | 14.2 | 0.486 | 0.006 | 26.0 | 19.6 | | | | | | | | |
| 50.0 | 0.755 | 120 | 19.0 | 24.0 | 0.01301 | 12.0 | 14.3 | 0.345 | 0.004 | 24.0 | 18.1 | | | | | | | | |
| 50.0 | 0.755 | 240 | 17.0 | 24.0 | 0.01301 | 10.0 | 14.6 | 0.247 | 0.003 | 20.0 | 15.1 | | | | | | | | |
| 50.0 | 0.755 | 480 | 14.5 | 26.0 | 0.01272 | 8.0 | 15.0 | 0.177 | 0.002 | 16.0 | 12.1 | | | | | | | | |
| 50.0 | 0.755 | 1440 | 13.0 | 26.0 | 0.01272 | 6.5 | 15.2 | 0.103 | 0.001 | 13.0 | 9.8 | | | | | | | | |
| Hydrometer #: 790414 | | Graduate #: | | Dispersing Agent: Sodium Hex | | | Amount: 125ml | | | | | | | | | | | | |
| Density of Solids: Specific Gravity = 2.667 | | | | | | | | | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | | | | | | | | | |

Noelco

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 15 DATE TESTED 2010.Jul.26 DATE RECEIVED 2010.Jul.20 DATE SAMPLED 2010.Jul.14

INSITU MOISTURE N/A %
 SAMPLED BY Client

COMPACTION STANDARD

Standard Proctor,
 ASTM D698

TESTED BY DJ

COMPACTION PROCEDURE

A: 101.6mm Mold,
 Passing 4.75mm

SUPPLIER

RAMMER TYPE

Automatic

SOURCE R-S6B-ZS-09-2010

PREPARATION

Moist

MATERIAL IDENTIFICATION

Oversize Correction Method ASTM 4718

MAJOR COMPONENT Till

RETAINED 4.75mm SCREEN

19.1 %

SIZE 37.5mm

Oversize Specific Gravity

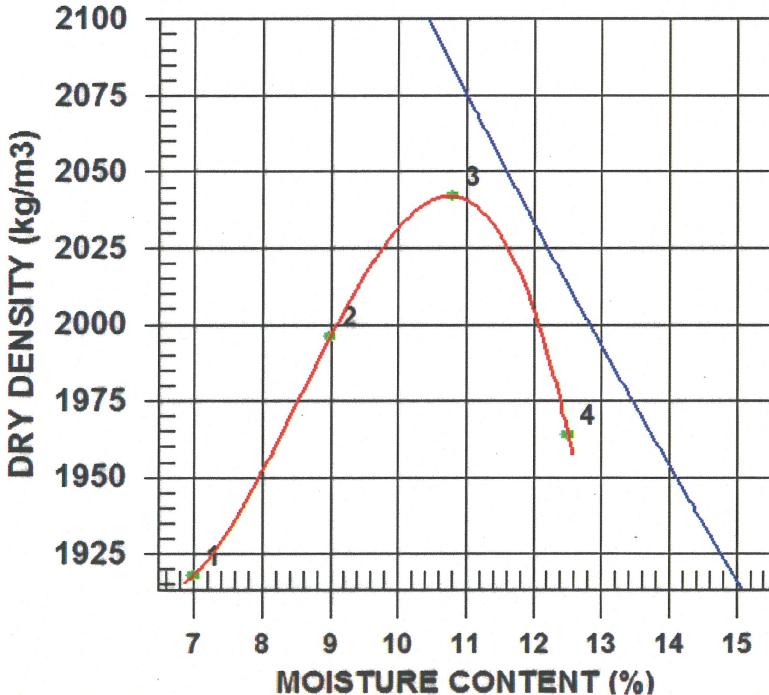
2.69

DESCRIPTION

TOTAL NUMBER OF TRIALS

4

ROCK TYPE



| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2052 | 1918 | 7.0 |
| 2 | 2176 | 1996 | 9.0 |
| 3 | 2263 | 2042 | 10.8 |
| 4 | 2209 | 1964 | 12.5 |

| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.69 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|---|-----------------------------|------------------------------|
| CALCULATED OVERSIZE CORRECTED | 2040 2140 | 11.0 9.0 |

COMMENTS

Location:ME, Chainage:1700, Elevation:957.3

See sieve test report #44. Previously labeled R-S6B-ZS-07-2010

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 45 DATE RECEIVED 2010.Jul.27 DATE TESTED 2010.Aug.03 DATE SAMPLED 2010.Jul.23

| | | | |
|---------------|--------------------|-------------|--------|
| SUPPLIER | | SAMPLED BY | Client |
| SOURCE | R-S6B-ZS-10-2010 | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Till Core Material | | |

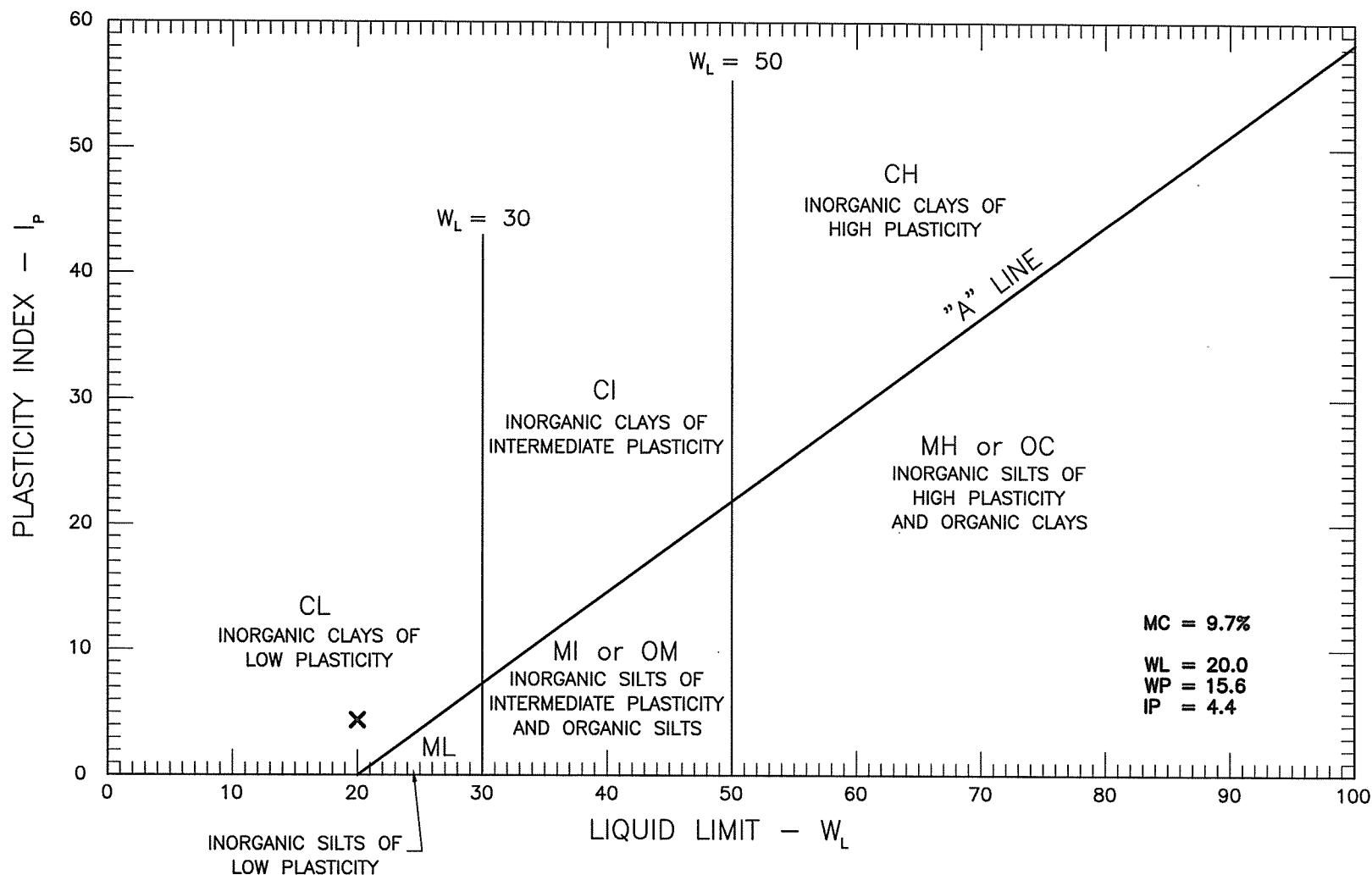


| GRAVEL SIZES | PERCENT PASSING | GRADATION LIMITS |
|--------------|-----------------|------------------|
| 3" | 75 mm | 100.0 |
| 2" | 50 mm | 96.8 |
| 1 1/2" | 37.5 mm | 94.5 |
| 1" | 25 mm | 92.9 |
| 3/4" | 19 mm | 90.8 |
| 1/2" | 12.5 mm | 87.3 |
| 3/8" | 9.5 mm | 84.6 |

| SAND SIZES AND FINES | PERCENT PASSING | GRADATION LIMITS |
|----------------------|-----------------|------------------|
| No. 4 4.75 mm | 79.2 | |
| No. 10 2.00 mm | 75.0 | |
| No. 20 850 µm | 70.0 | |
| No. 40 425 µm | 65.4 | |
| No. 60 250 µm | 60.4 | |
| No. 100 150 µm | 55.2 | |
| No. 200 75 µm | 46.5 | |

COMMENTS

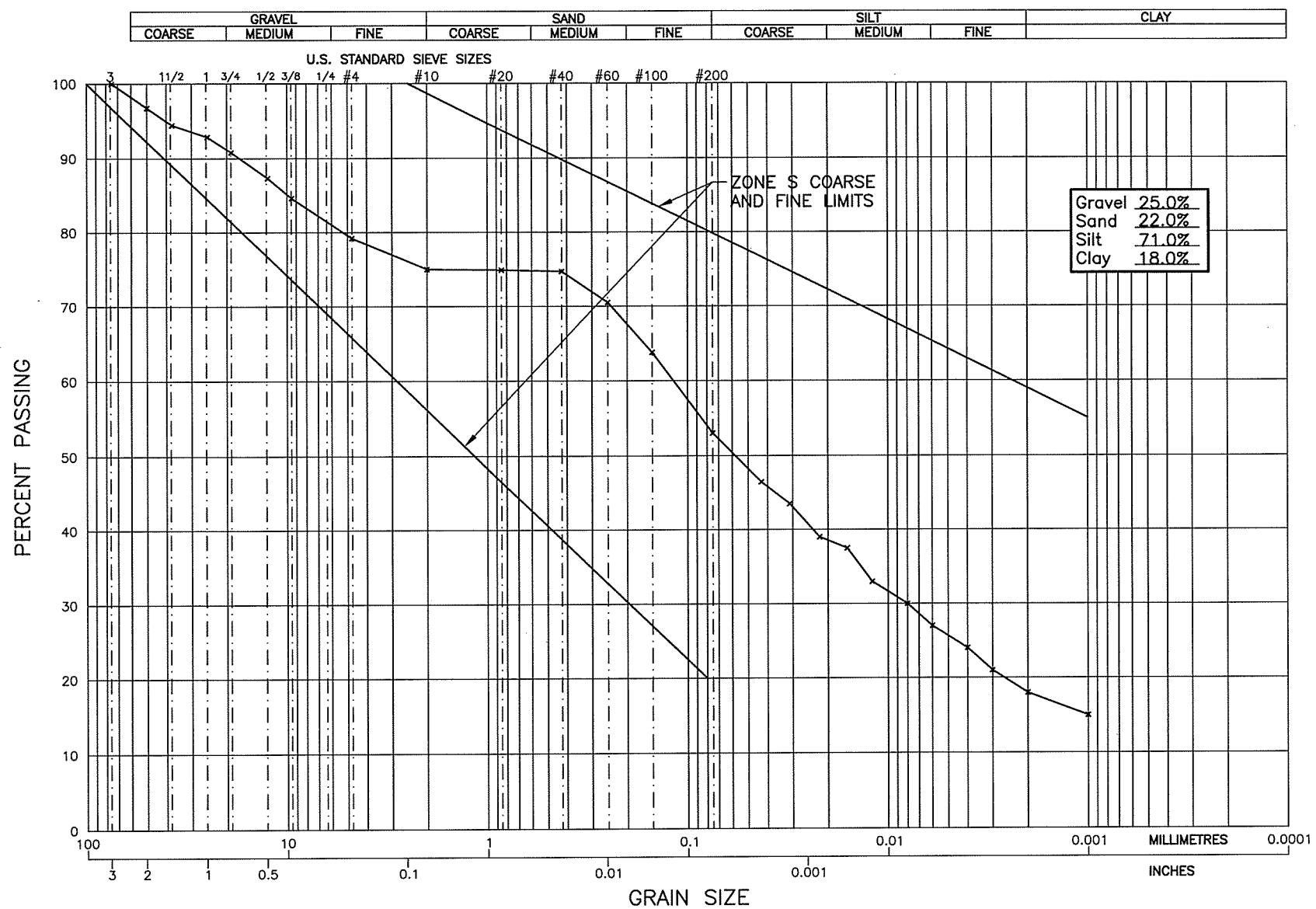
Note* This Sample ID# changed from 09 to 10
 Location:PE, Chainage:3100, Elevation:958.00



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 ATTERBERG LIMITS OF R-S6B-ZS-10-2010

| | |
|-------------|----------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-B12 |



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-10-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C26

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | | | | Date: August 5,2010 | | | |
|---|---------|-----------------------------|----------------------|------------------------------|--------------------------|---------------------------|-----------------|--------------------------|---------------|-------------------------|------------|
| Project Name: MPCP Stage 6B | | | | | | | | Project #: K-2937 | | | |
| Source/Location: R-S6B-ZS-10-2010 | | | | | | | | Type: Till Core Material | | | |
| Sample #: | Test #: | Hole #: | Depth: | | Time: | | | | | | |
| Sampled By: Client | | Tested By: DJ | | Checked By: | | | | | | | |
| Date Sampled: July 23,2010 | | Date Received: July 27,2010 | | Date Tested: August 4,2010 | | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | | Hydrometer Sieve Analysis | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 75.0 | |
| Wet Wt. & Tare | 781.9 | 25.4 | | | | 20 | 0.1 | 49.9 | 99.8 | 74.9 | |
| Dry Wt. & Tare | 728.9 | 19.0 | | | | 40 | 0.1 | 49.8 | 99.6 | 74.7 | |
| Water Wt. | 53.0 | 12.5 | | | | 60 | 2.8 | 47.0 | 94.0 | 70.5 | |
| Tare Wt. | 180.3 | 9.5 | See Sieve Test No 45 | | | 100 | 4.5 | 42.5 | 85.0 | 63.8 | |
| Wt. Of Dry Soil | 548.6 | 4.75 | | | | 200 | 7.2 | 35.3 | 70.6 | 53.0 | |
| Moisture Content % | 9.7 | 10 | | | 75.0 | Pan | 35.3 | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | |
| (100xWet Soil Wt.)/(100 + Initial Moisture) | | | | | | Unwashed Wt.= | | | | | |
| | | Total | 548.6 | | | Tare | | Wt. Passing #200 = | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(%-%#10) |
| 50.0 | 0.750 | 0.5 | 38.0 | 25.0 | 0.01286 | 34.0 | 10.7 | 4.623 | 0.059 | 68.0 | 51.0 |
| 50.0 | 0.750 | 1 | 35.0 | 25.0 | 0.01286 | 31.0 | 11.2 | 3.344 | 0.043 | 62.0 | 46.5 |
| 50.0 | 0.750 | 2 | 33.0 | 25.0 | 0.01286 | 29.0 | 11.5 | 2.399 | 0.031 | 58.0 | 43.5 |
| 50.0 | 0.750 | 4 | 30.0 | 25.0 | 0.01286 | 26.0 | 12.0 | 1.732 | 0.022 | 52.0 | 39.0 |
| 50.0 | 0.750 | 8 | 29.0 | 25.0 | 0.01286 | 25.0 | 12.2 | 1.233 | 0.016 | 50.0 | 37.5 |
| 50.0 | 0.750 | 15 | 26.0 | 25.0 | 0.01286 | 22.0 | 12.7 | 0.919 | 0.012 | 44.0 | 33.0 |
| 50.0 | 0.750 | 30 | 24.0 | 25.0 | 0.01286 | 20.0 | 13.0 | 0.658 | 0.008 | 40.0 | 30.0 |
| 50.0 | 0.750 | 60 | 22.0 | 25.0 | 0.01286 | 18.0 | 13.3 | 0.471 | 0.006 | 36.0 | 27.0 |
| 50.0 | 0.750 | 120 | 20.0 | 25.0 | 0.01286 | 16.0 | 13.7 | 0.337 | 0.004 | 32.0 | 24.0 |
| 50.0 | 0.750 | 240 | 18.0 | 25.0 | 0.01286 | 14.0 | 14.0 | 0.241 | 0.003 | 28.0 | 21.0 |
| 50.0 | 0.750 | 480 | 16.0 | 25.0 | 0.01286 | 12.0 | 14.3 | 0.173 | 0.002 | 24.0 | 18.0 |
| 50.0 | 0.750 | 1440 | 14.0 | 25.0 | 0.01286 | 10.0 | 14.6 | 0.101 | 0.001 | 20.0 | 15.0 |
| Hydrometer #: 790414 | | Graduate #: | | Dispersing Agent: Sodium Hex | | | | | Amount: 125ml | | |
| Density of Solids: | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

Noelco

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

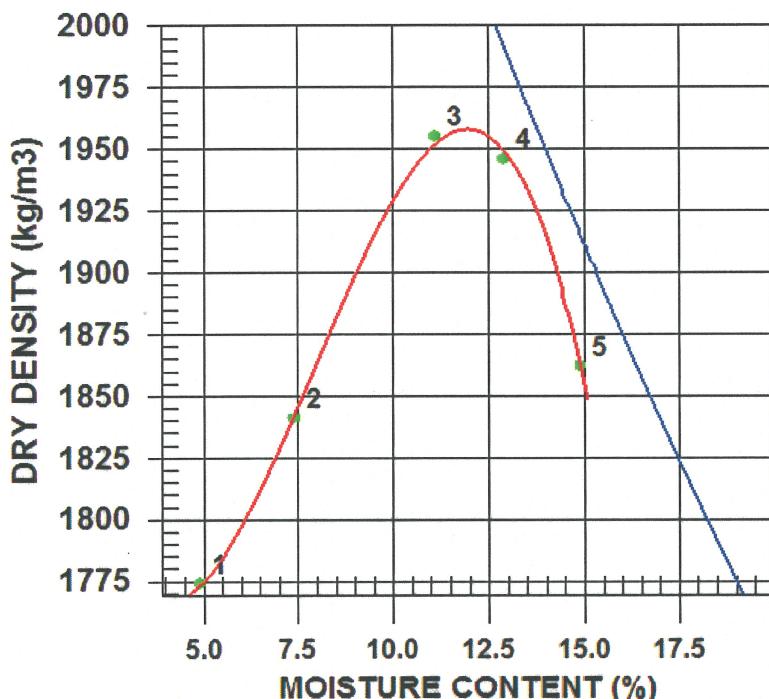
Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 16

DATE TESTED 2010.Jul.30 DATE RECEIVED 2010.Jul.27 DATE SAMPLED 2010.Jul.23

| | | | |
|-------------------------|------------------|---------------------------|-------------------|
| INSITU MOISTURE | N/A % | COMPACTATION STANDARD | Standard Proctor, |
| SAMPLED BY | Client | ASTM D698 | |
| TESTED BY | SR | A: 101.6mm Mold, | |
| SUPPLIER | | Passing 4.75mm | |
| SOURCE | R-S6B-ZS-10-2010 | Automatic | |
| MATERIAL IDENTIFICATION | | Moist | |
| MAJOR COMPONENT | Till | ASTM 4718 | |
| SIZE | 50mm | RETAINED 4.75mm SCREEN | 20.0 % |
| DESCRIPTION | | OVERSIZE SPECIFIC GRAVITY | 2.68 |
| ROCK TYPE | | TOTAL NUMBER OF TRIALS | 5 |



| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 1861 | 1774 | 4.9 |
| 2 | 1977 | 1841 | 7.4 |
| 3 | 2172 | 1955 | 11.1 |
| 4 | 2197 | 1946 | 12.9 |
| 5 | 2140 | 1862 | 14.9 |

| | | |
|---|-----------------------------|------------------------------|
| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.68 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
| CALCULATED OVERSIZE CORRECTED | 1960 2070 | 12.0 10.0 |

COMMENTS

Note* This sample ID# changed from 09 to 10.

Location:PE, Chainage:3100, Elevation:958.00

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

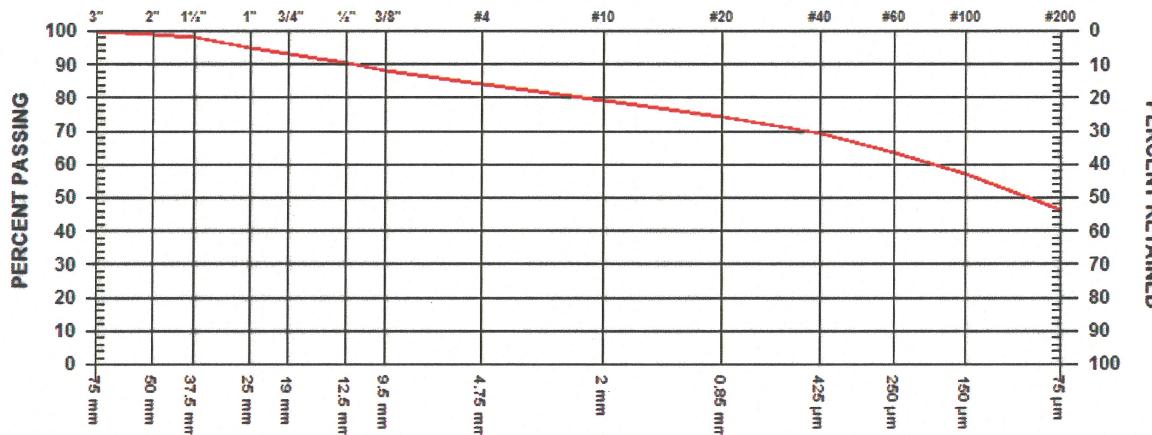
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 46 DATE RECEIVED 2010.Jul.29 DATE TESTED 2010.Aug.03 DATE SAMPLED 2010.Jul.27

| | | | |
|---------------|-------------------------------|-------------|--------|
| SUPPLIER | R-S6B-ZS-11-2010 | SAMPLED BY | Client |
| SOURCE | | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Till core material, PE Borrow | | |

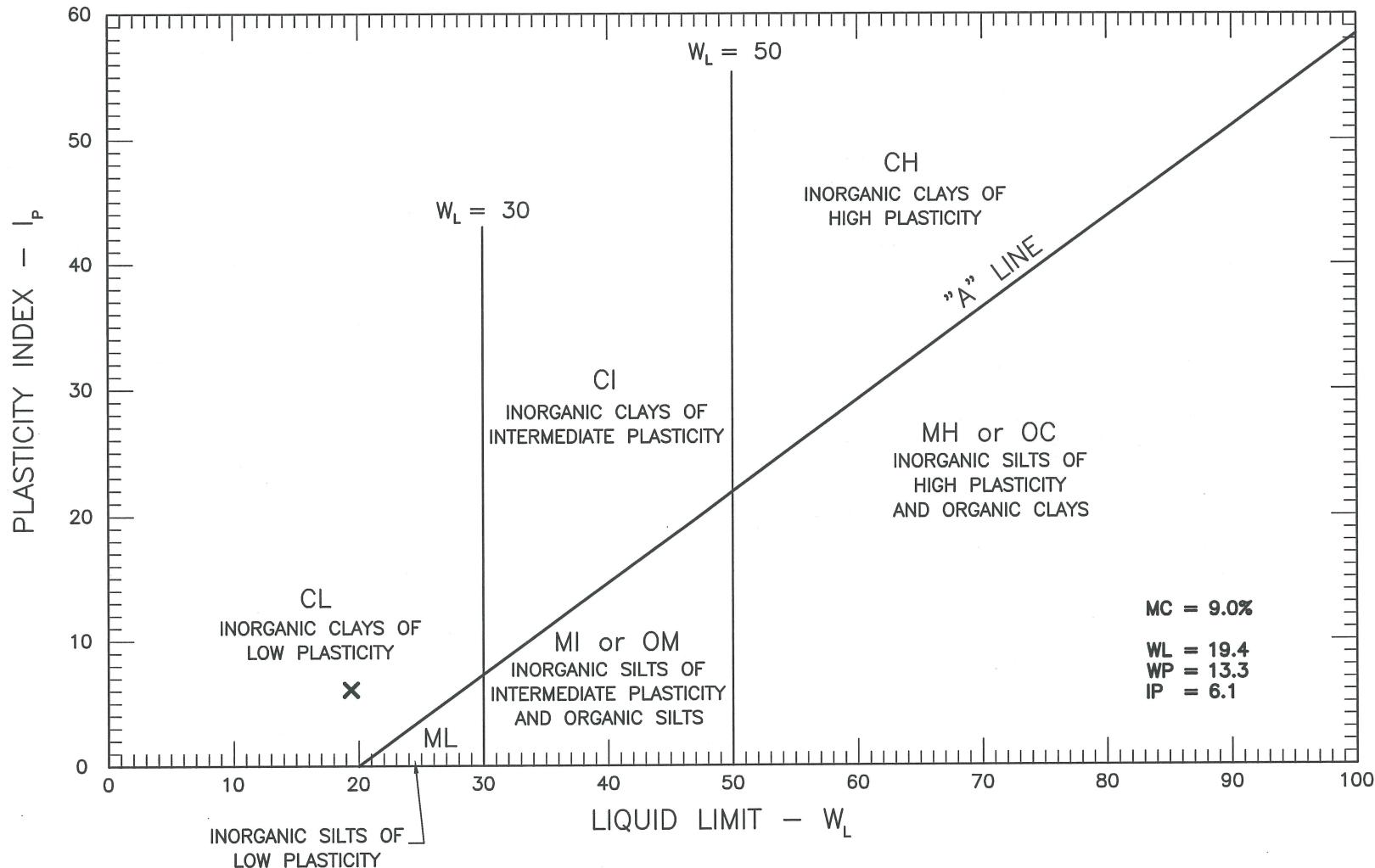


| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 99.2 | |
| 1 1/2" | 37.5 mm | 98.4 | |
| 1" | 25 mm | 95.2 | |
| 3/4" | 19 mm | 93.2 | |
| 1/2" | 12.5 mm | 90.4 | |
| 3/8" | 9.5 mm | 88.5 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 84.3 | |
| No. 10 | 2.00 mm | 79.5 | |
| No. 20 | 850 µm | 74.3 | |
| No. 40 | 425 µm | 69.3 | |
| No. 60 | 250 µm | 63.5 | |
| No. 100 | 150 µm | 57.0 | |
| No. 200 | 75 µm | 46.6 | |

COMMENTS

Location:ME, Chainage:1900, Elevation:958.0



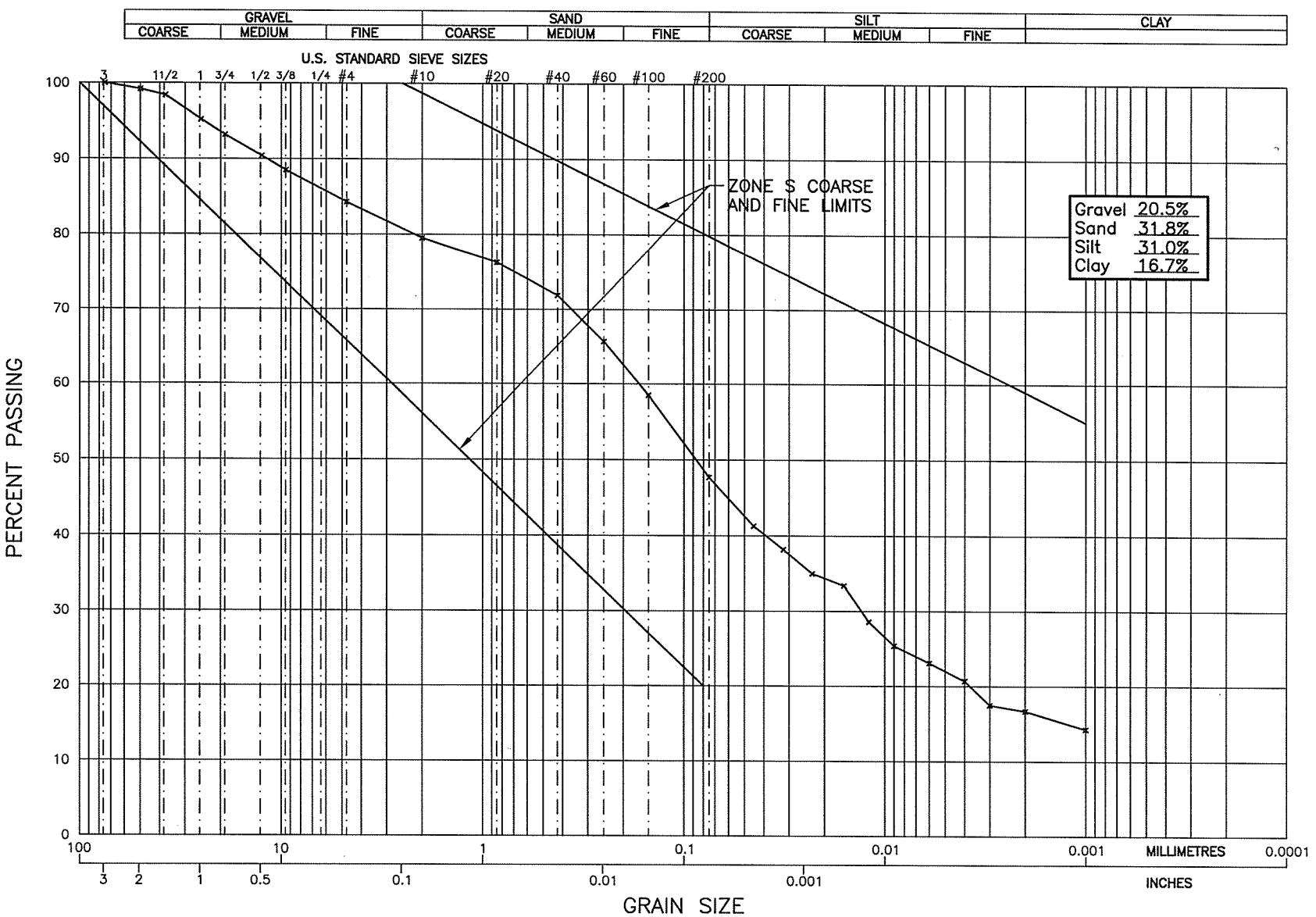
GEO NORTH ENGINEERING LTD.

3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
ATTERBERG LIMITS OF R-S6B-ZS-11-2010

PROJECT NO.
K-2937

PLATE NO.
2937-B13



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-11-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C27

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | Date Tested: August 5,2010 | | | | | | | |
|--|------------|-----------------------------|----------------------|------------------------------|---------------------------|------------------|--------------------|----------------------|--------------|-------------------------|-----------|
| Project Name: MPCP Stage 6B | | | | Project #: K-2937 | | | | | | | |
| Source/Location: R-S6B-ZS-11-2010 | | | | Type: Till Core / PE Borrow | | | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | Time: | | | | | | | |
| Sampled By: Client | | Tested By: DJ | | Checked By: | | | | | | | |
| Date Sampled: July 27,2010 | | Date Received: July 29,2010 | | Date Tested: August 4,2010 | | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than | % Finer Than Orig Samp. | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 79.5 | |
| Wet Wt. & Tare | 944.0 | 25.4 | | | | 20 | | 2.0 | 48.0 | 96.0 | |
| Dry Wt. & Tare | 880.9 | 19.0 | | | | 40 | | 2.8 | 45.2 | 90.4 | |
| Water Wt. | 63.1 | 12.5 | | | | 60 | | 3.9 | 41.3 | 82.6 | |
| Tare Wt. | 180.4 | 9.5 | See Sieve Test No 46 | | | 100 | | 4.5 | 36.8 | 73.6 | |
| Wt. Of Dry Soil | 700.5 | 4.75 | | | | 200 | | 6.8 | 30.0 | 60.0 | |
| Moisture Content % | 9.0 | 10 | | | 79.5 | Pan | | 30.0 | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | | 50.0 | | | |
| -(100xWet Soil Wt.)/(100 + Initial Moisture) | | | | | | Unwashed Wt.= | | | | | |
| | | Total | 700.5 | | | Tare | Wt. Passing #200 = | | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(%/#10) |
| 50.0 | 0.795 | 0.5 | 33.0 | 25.0 | 0.01286 | 29.0 | 11.5 | 4.798 | 0.062 | 58.0 | 46.1 |
| 50.0 | 0.795 | 1 | 30.0 | 25.0 | 0.01286 | 26.0 | 12.0 | 3.465 | 0.045 | 52.0 | 41.3 |
| 50.0 | 0.795 | 2 | 28.0 | 25.0 | 0.01286 | 24.0 | 12.3 | 2.483 | 0.032 | 48.0 | 38.2 |
| 50.0 | 0.795 | 4 | 26.0 | 25.0 | 0.01286 | 22.0 | 12.7 | 1.779 | 0.023 | 44.0 | 35.0 |
| 50.0 | 0.795 | 8 | 25.0 | 25.0 | 0.01286 | 21.0 | 12.8 | 1.266 | 0.016 | 42.0 | 33.4 |
| 50.0 | 0.795 | 15 | 22.0 | 25.0 | 0.01286 | 18.0 | 13.3 | 0.943 | 0.012 | 36.0 | 28.6 |
| 50.0 | 0.795 | 30 | 20.0 | 25.0 | 0.01286 | 16.0 | 13.7 | 0.675 | 0.009 | 32.0 | 25.4 |
| 50.0 | 0.795 | 60 | 18.5 | 25.0 | 0.01286 | 14.5 | 13.9 | 0.481 | 0.006 | 29.0 | 23.1 |
| 50.0 | 0.795 | 120 | 17.0 | 25.0 | 0.01286 | 13.0 | 14.2 | 0.343 | 0.004 | 26.0 | 20.7 |
| 50.0 | 0.795 | 240 | 15.0 | 25.0 | 0.01286 | 11.0 | 14.5 | 0.246 | 0.003 | 22.0 | 17.5 |
| 50.0 | 0.795 | 480 | 14.5 | 25.0 | 0.01286 | 10.5 | 14.6 | 0.174 | 0.002 | 21.0 | 16.7 |
| 50.0 | 0.795 | 1440 | 13.0 | 25.0 | 0.01286 | 9.0 | 14.8 | 0.101 | 0.001 | 18.0 | 14.3 |
| Hydrometer #: 790414 | | Graduate #: | | Dispersing Agent: Sodium Hex | | | | Amount: 125ml | | | |
| Density of Solids: | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

Noelco

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

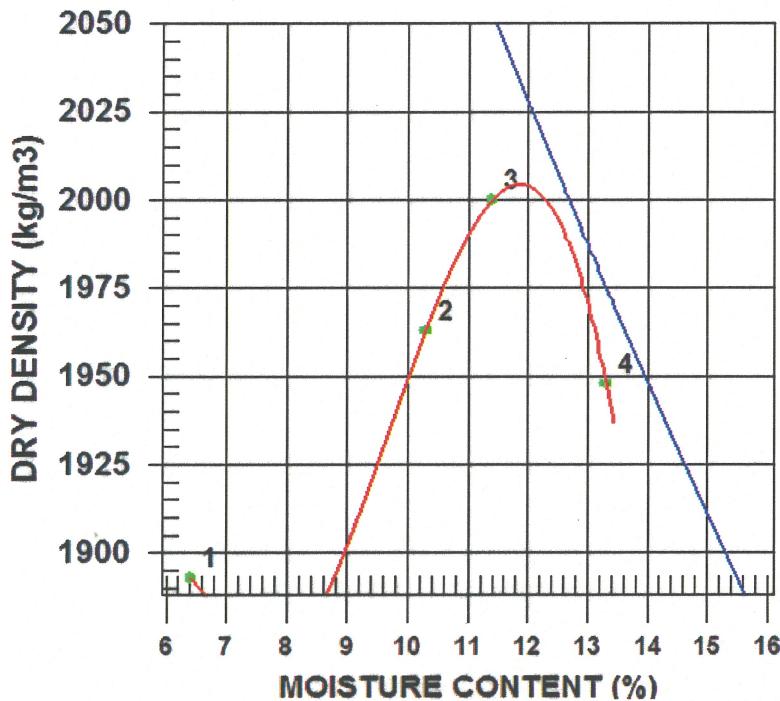
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

PROCTOR NO. 17 DATE TESTED 2010.Aug.04 DATE RECEIVED 2010.Jul.29 DATE SAMPLED 2010.Jul.27

| | | | |
|-------------------------|------------------|----------------------------|------------------------------------|
| INSITU MOISTURE | N/A % | COMPACTON STANDARD | Standard Proctor, |
| SAMPLED BY | Client | | ASTM D698 |
| TESTED BY | JM | COMPACTON PROCEDURE | A: 101.6mm Mold, Passing 4.75mm |
| SUPPLIER | | RAMMER TYPE | Automatic |
| SOURCE | R-S6B-ZS-11-2010 | PREPARATION | Moist |
| MATERIAL IDENTIFICATION | | OVERSIZE CORRECTION METHOD | ASTM 4718 |
| MAJOR COMPONENT | Till | RETAINED 4.75mm SCREEN | 20.0 % |
| SIZE | 50mm | OVERSIZE SPECIFIC GRAVITY | 2.68 |
| DESCRIPTION | | TOTAL NUMBER OF TRIALS | 4 |
| ROCK TYPE | | | |



| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 2014 | 1893 | 6.4 |
| 2 | 2165 | 1963 | 10.3 |
| 3 | 2228 | 2000 | 11.4 |
| 4 | 2207 | 1948 | 13.3 |

| | | |
|---|-----------------------------|------------------------------|
| ZERO AIR VOIDS CURVE FOR ESTIMATED SPECIFIC GRAVITY OF 2.68 | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
| CALCULATED OVERSIZE CORRECTED | 2000 2110 | 12.0 10.0 |

COMMENTS
 Location:ME, Chainage:1900, Elevation:958.0.

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937
 CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

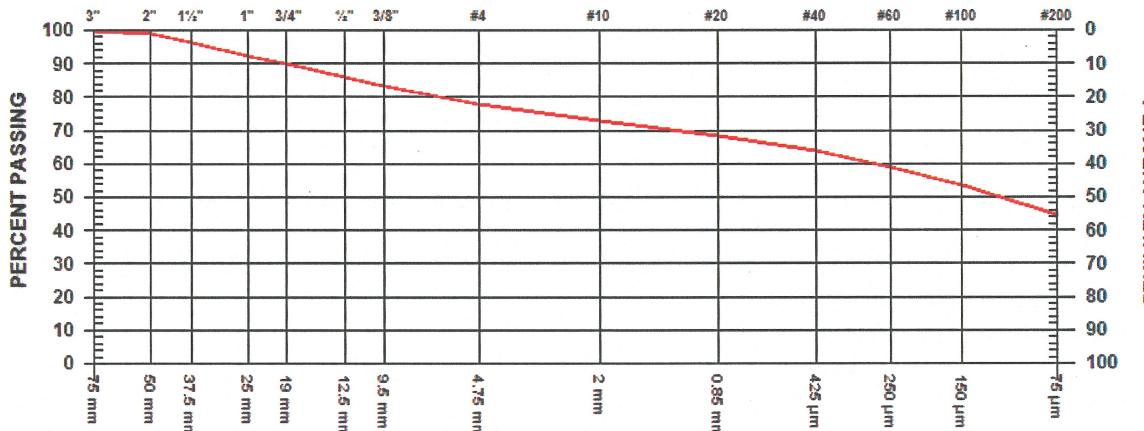
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely .

CONTRACTOR

SIEVE TEST NO. 47 DATE RECEIVED 2010.Aug.05 DATE TESTED 2010.Aug.09 DATE SAMPLED 2010.Jul.29

| | | | |
|---------------|------------------|-------------|--------|
| SUPPLIER | | SAMPLED BY | Client |
| SOURCE | R-S6B-ZS-12-2010 | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Till | | |

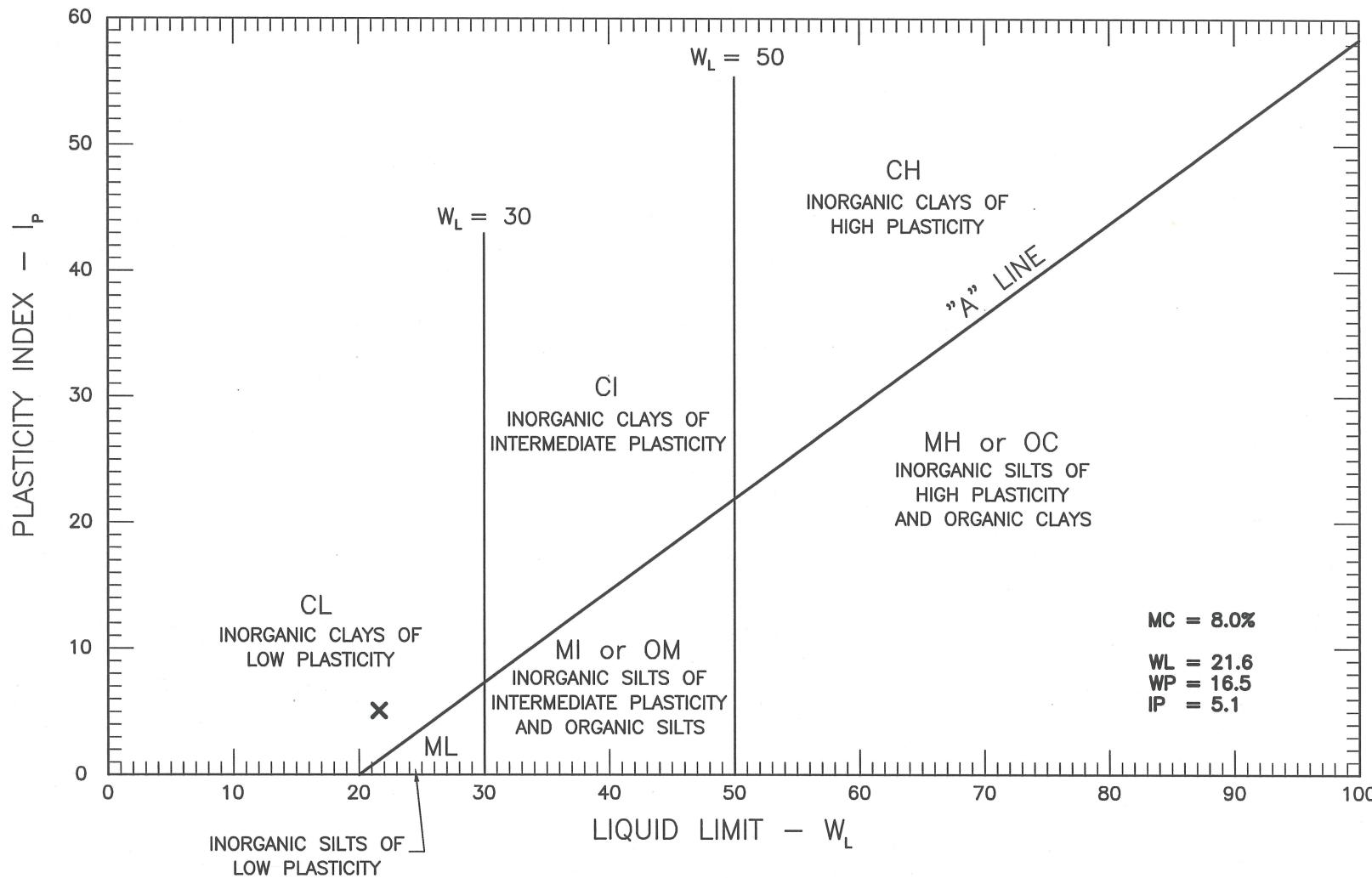


| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 99.0 | |
| 1 1/2" | 37.5 mm | 96.6 | |
| 1" | 25 mm | 92.3 | |
| 3/4" | 19 mm | 90.0 | |
| 1/2" | 12.5 mm | 86.2 | |
| 3/8" | 9.5 mm | 83.5 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 77.9 | |
| No. 10 | 2.00 mm | 72.8 | |
| No. 20 | 850 µm | 68.3 | |
| No. 40 | 425 µm | 63.9 | |
| No. 60 | 250 µm | 58.9 | |
| No. 100 | 150 µm | 53.5 | |
| No. 200 | 75 µm | 44.8 | |

COMMENTS

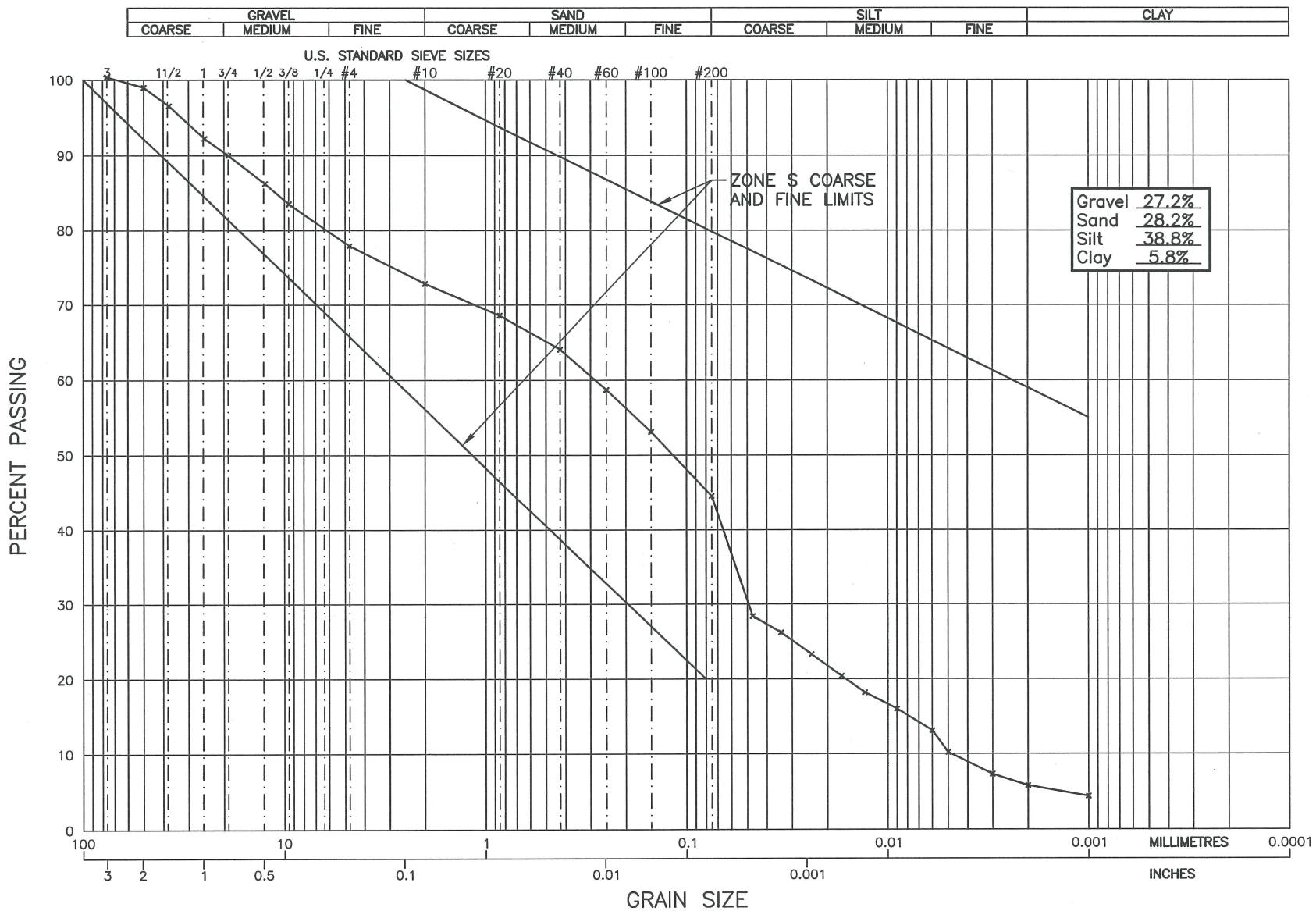
Location:SE, Chainage:1100, Elevation:958.0
 Till Core Material, PE Borrow



GEO NORTH ENGINEERING LTD.
 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
ATTERBERG LIMITS OF R-S6B-ZS-12-2010

| |
|-----------------------|
| PROJECT NO. K-2937 |
| PLATE NO. 2937-B14 |



GEO NORTH ENGINEERING LTD.
3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZS-12-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C28

GeoNorth Engineering

Test Designation: ASTM D-422

Hydrometer Analysis

| Client: Mount Polley Mining Corporation | | | | | | Date: August 10,2010 | | | | | |
|---|------------|------------------------------|----------------------|-------------------|------------------------------|----------------------|-----------------|----------------------|-------------------------|-------|-------------|
| Project Name: MPCP Stage 6B | | | | | | Project #: K-2937 | | | | | |
| Source/Location: R-S6B-ZS-12-2010 | | | | | | Type: Till | | | | | |
| Sample #: | Test #: | Hole #: | Depth: | | | Time: | | | | | |
| Sampled By: Client | | Tested By: DJ | | | Checked By: | | | | | | |
| Date Sampled: July 29,2010 | | Date Received: August 5,2010 | | | Date Tested: August 9,2010 | | | | | | |
| Initial Moisture Content | | Sieve Analysis | | | Hydrometer Sieve Analysis | | | | | | |
| | | Sieve No. | Weight Retained | Total Wt. Passing | % Finer Than Orig. Samp. | Sieve No. | Weight Retained | Total Wt. Finer Than | % Finer Than Orig Samp. | | |
| Tare No. | | 38.1 | | | | 10 | | 50.0 | 100.0 | 72.8 | |
| Wet Wt. & Tare | 874.8 | 25.4 | | | | 20 | 2.9 | 47.1 | 94.2 | 68.6 | |
| Dry Wt. & Tare | 824.4 | 19.0 | | | | 40 | 3.1 | 44.0 | 88.0 | 64.1 | |
| Water Wt. | 50.4 | 12.5 | | | | 60 | 3.7 | 40.3 | 80.6 | 58.7 | |
| Tare Wt. | 194.6 | 9.5 | See Sieve Test No 47 | | | 100 | 3.8 | 36.5 | 73.0 | 53.1 | |
| Wt. Of Dry Soil | 629.8 | 4.75 | | | | 200 | 5.9 | 30.6 | 61.2 | 44.6 | |
| Moisture Content % | 8.0 | 10 | | 72.8 | | Pan | 30.6 | | | | |
| Dry Wt. Of Sample from Initial Moisture | | | | | | Total | 50.0 | | | | |
| $-(100 \times \text{Wet Soil Wt.}) / (100 + \text{Initial Moisture})$ | | | | | | Unwashed Wt.= | | | | | |
| | | Total | 629.8 | | | Tare | | Wt. Passing #200 = | | | |
| Starting Wt. (g) | % - #10 | Elapsed Time (min) | Reading R | Temp (0C) | K | Corr. Reading R' | Zr (cm) | SQRT(Zr)/T (min) | D (mm) | N (%) | N*(% - #10) |
| 50.0 | 0.728 | 0.5 | 30.0 | 24.0 | 0.01301 | 23.0 | 12.5 | 5.000 | 0.065 | 46.0 | 33.5 |
| 50.0 | 0.728 | 1 | 26.5 | 24.0 | 0.01301 | 19.5 | 13.1 | 3.616 | 0.047 | 39.0 | 28.4 |
| 50.0 | 0.728 | 2 | 25.0 | 24.0 | 0.01301 | 18.0 | 13.3 | 2.581 | 0.034 | 36.0 | 26.2 |
| 50.0 | 0.728 | 4 | 23.0 | 24.0 | 0.01301 | 16.0 | 13.7 | 1.848 | 0.024 | 32.0 | 23.3 |
| 50.0 | 0.728 | 8 | 21.0 | 24.0 | 0.01301 | 14.0 | 14.0 | 1.322 | 0.017 | 28.0 | 20.4 |
| 50.0 | 0.728 | 15 | 19.5 | 24.0 | 0.01301 | 12.5 | 14.2 | 0.974 | 0.013 | 25.0 | 18.2 |
| 50.0 | 0.728 | 30 | 18.0 | 24.0 | 0.01301 | 11.0 | 14.5 | 0.695 | 0.009 | 22.0 | 16.0 |
| 50.0 | 0.728 | 60 | 16.0 | 24.0 | 0.01301 | 9.0 | 14.8 | 0.497 | 0.006 | 18.0 | 13.1 |
| 50.0 | 0.728 | 120 | 14.0 | 24.0 | 0.01301 | 7.0 | 15.1 | 0.355 | 0.005 | 14.0 | 10.2 |
| 50.0 | 0.728 | 240 | 12.0 | 24.0 | 0.01301 | 5.0 | 15.5 | 0.254 | 0.003 | 10.0 | 7.3 |
| 50.0 | 0.728 | 480 | 11.0 | 24.0 | 0.01301 | 4.0 | 15.6 | 0.180 | 0.002 | 8.0 | 5.8 |
| 50.0 | 0.728 | 1440 | 10.0 | 24.0 | 0.01301 | 3.0 | 15.8 | 0.105 | 0.001 | 6.0 | 4.4 |
| Hydrometer #: 790414 | | Graduate #: | | | Dispersing Agent: Sodium Hex | | | Amount: 125ml | | | |
| Density of Solids: Specific Gravity = 2.67 | | | | | | | | | | | |
| Description of Sample: | | | | | | | | | | | |

Noelco

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937
 CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

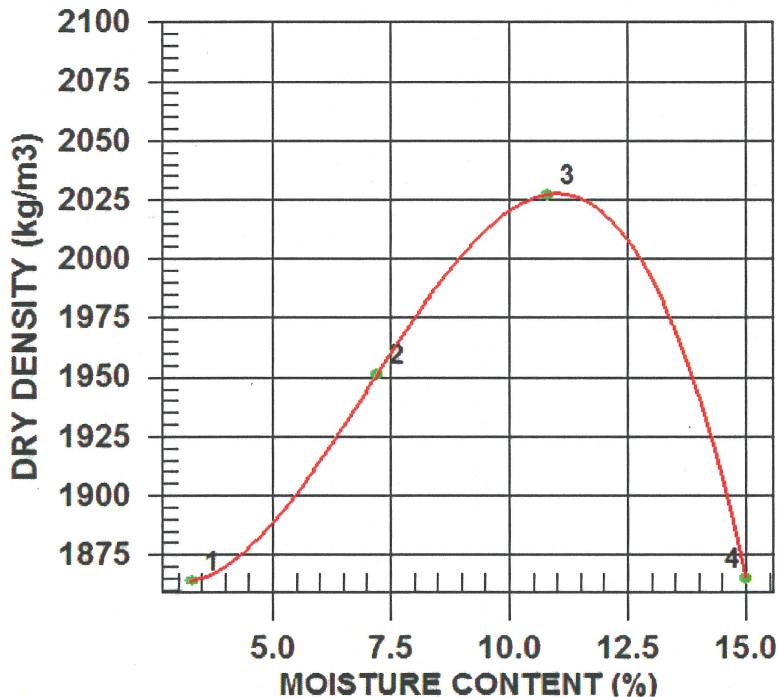
CONTRACTOR

PROCTOR NO. 18 DATE TESTED 2010.Aug.09 DATE RECEIVED 2010.Aug.05 DATE SAMPLED 2010.Jul.29

| | | |
|-------------------------|------------------|---|
| INSITU MOISTURE | N/A | % |
| SAMPLED BY | Client | |
| TESTED BY | DJ | |
| SUPPLIER | | |
| SOURCE | R-S6B-ZS-12-2010 | |
| MATERIAL IDENTIFICATION | | |
| MAJOR COMPONENT | Till | |
| SIZE | 50mm | |
| DESCRIPTION | Sandy/Silty | |
| ROCK TYPE | | |

| | | |
|----------------------------|-----------|--|
| COMPACTION STANDARD | | |
| COMPACTION PROCEDURE | | |
| RAMMER TYPE | | |
| PREPARATION | | |
| Oversize Correction Method | ASTM 4718 | |
| RETAINED 4.75mm SCREEN | 21.6 % | |
| Oversize Specific Gravity | 2.68 | |
| TOTAL NUMBER OF TRIALS | 4 | |

| | | |
|-------------------|--|--|
| Standard Proctor, | | |
| ASTM D698 | | |
| A: 101.6mm Mold, | | |
| Passing 4.75mm | | |
| Automatic | | |
| Moist | | |
| ASTM 4718 | | |
| 21.6 % | | |
| 2.68 | | |
| 4 | | |



| TRIAL NUMBER | WET DENSITY (kg/m³) | DRY DENSITY (kg/m³) | MOISTURE CONTENT (%) |
|--------------|---------------------|---------------------|----------------------|
| 1 | 1926 | 1864 | 3.3 |
| 2 | 2091 | 1951 | 7.2 |
| 3 | 2246 | 2027 | 10.8 |
| 4 | 2145 | 1865 | 15.0 |

| | MAXIMUM DRY DENSITY (kg/m³) | OPTIMUM MOISTURE CONTENT (%) |
|--------------------|-----------------------------|------------------------------|
| CALCULATED | 2030 | 11.0 |
| OVERSIZE CORRECTED | 2140 | 9.0 |

COMMENTS

Location:SE, Chainage:1100, Elevation:958.0

Specific Gravity = 2.68



APPENDIX A3

ZONE F RECORD

(Pages A3-1 to A3-28)

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 10 DATE RECEIVED 2010.Mar.30 DATE TESTED 2010.Mar.30 DATE SAMPLED 2010.Mar.25

| | | | |
|---------------|------------------|-------------|-----------|
| SUPPLIER | R-S6b-ZF-02-2010 | SAMPLED BY | MS-Client |
| SOURCE | ME | TESTED BY | SR |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 94.2 | |
| 1/2" | 12.5 mm | 70.5 | |
| 3/8" | 9.5 mm | 55.1 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 30.9 | |
| No. 8 | 2.36 mm | 20.5 | |
| No. 16 | 1.18 mm | 15.1 | |
| No. 30 | 600 μm | 12.2 | |
| No. 50 | 300 μm | 10.0 | |
| No. 100 | 150 μm | 8.3 | |
| No. 200 | 75 μm | 6.6 | |

COMMENTS

Chainage: 2600, Elevation: 954.6

GeoNorth Engineering Ltd.

3975 18th Avenue Prince George, BC V2N 1B2

Phone (250)564-4304; Fax (250)564-9323

SIEVE ANALYSIS REPORT

8 16 30 50 SERIES

TO

Mount Polley Mining Corp.
P.O Box 12
Likely, BC
VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
Stage 6B

CONTRACTOR

SIEVE TEST NO. 11 DATE RECEIVED 2010.Mar.30 DATE TESTED 2010.Mar.30 DATE SAMPLED 2010.Mar.25

| | | | |
|---------------|------------------|-------------|-----------|
| SUPPLIER | R-S6b-ZF-03-2010 | SAMPLED BY | MS-Client |
| SOURCE | ME | TESTED BY | SR |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 94.5 | |
| 1/2" | 12.5 mm | 66.3 | |
| 3/8" | 9.5 mm | 52.7 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 31.1 | |
| No. 8 | 2.36 mm | 22.2 | |
| No. 16 | 1.18 mm | 16.0 | |
| No. 30 | 600 µm | 13.0 | |
| No. 50 | 300 µm | 10.5 | |
| No. 100 | 150 µm | 8.6 | |
| No. 200 | 75 µm | 6.7 | |

COMMENTS

Chainage: 2300, Elevation: 954.6, Offset: Filter

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 12 DATE RECEIVED 2010.Mar.30 DATE TESTED 2010.Mar.30 DATE SAMPLED 2010.Mar.24

| | | | |
|---------------|------------------|-------------|-----------|
| SUPPLIER | R-S6b-ZF-04-2010 | SAMPLED BY | MS-Client |
| SOURCE | ME | TESTED BY | SR |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 95.5 | |
| 1/2" | 12.5 mm | 75.2 | |
| 3/8" | 9.5 mm | 61.4 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 41.0 | |
| No. 8 | 2.36 mm | 29.2 | |
| No. 16 | 1.18 mm | 21.1 | |
| No. 30 | 600 µm | 16.9 | |
| No. 50 | 300 µm | 13.6 | |
| No. 100 | 150 µm | 11.1 | |
| No. 200 | 75 µm | 8.7 | |

COMMENTS

Chainage: 2100, Elevation: 954.6, Offset: Filter

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

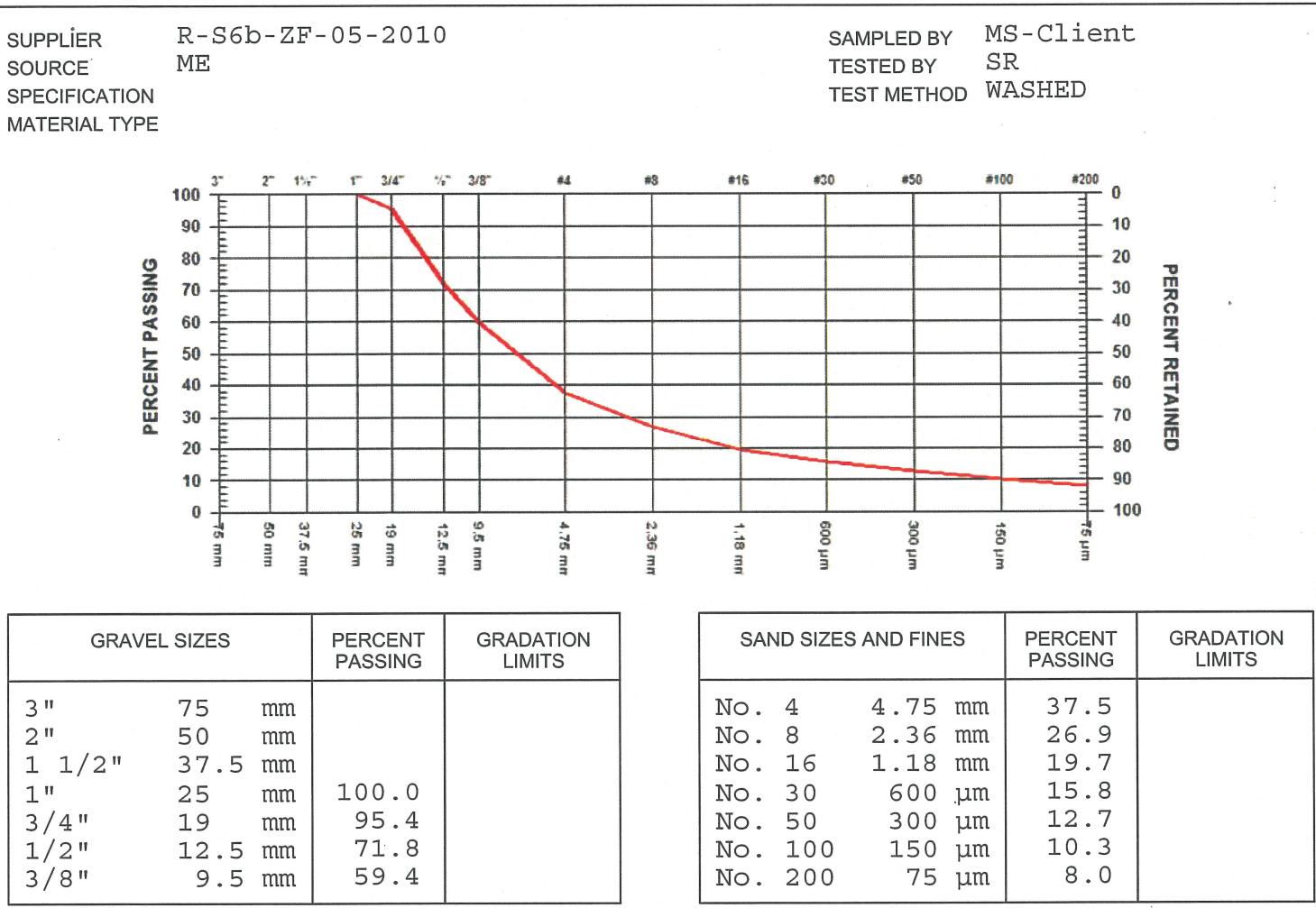
ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 13 DATE RECEIVED 2010.Mar.30 DATE TESTED 2010.Mar.30 DATE SAMPLED 2010.Mar.25



COMMENTS

Chainage: 1900, Elevation: 954.6, Offset: Filter

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

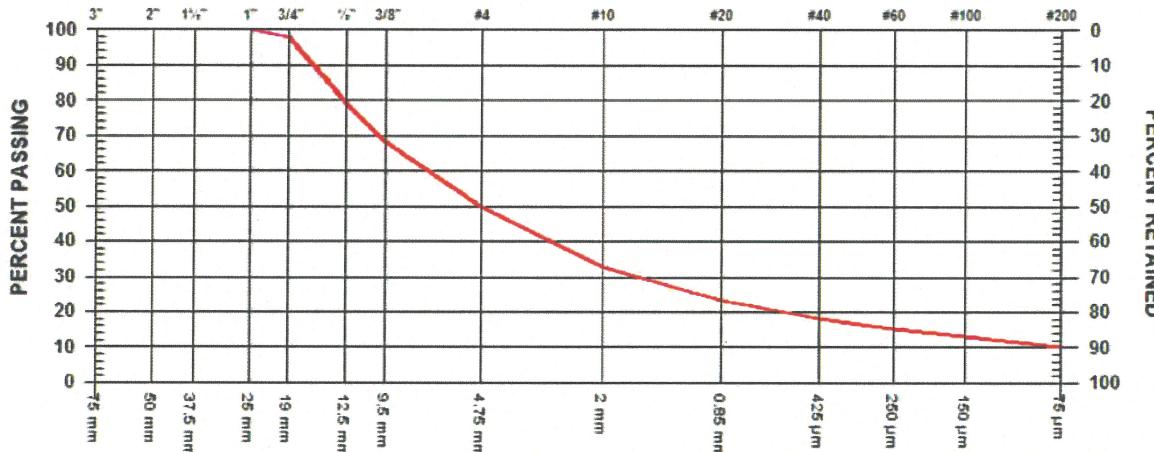
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 19 DATE RECEIVED 2010.Apr.16 DATE TESTED 2010.Apr.16 DATE SAMPLED 2010.Apr.14

SUPPLIER
 SOURCE R-S6B-07-2010
 SPECIFICATION
 MATERIAL TYPE Filter - PE-S6B-ZF

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 98.0 | |
| 1/2" | 12.5 mm | 79.3 | |
| 3/8" | 9.5 mm | 68.3 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 49.7 | |
| No. 10 | 2.00 mm | 33.0 | |
| No. 20 | 850 µm | 23.3 | |
| No. 40 | 425 µm | 18.4 | |
| No. 60 | 250 µm | 15.3 | |
| No. 100 | 150 µm | 13.1 | |
| No. 200 | 75 µm | 10.4 | |

COMMENTS

TO

Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 20 DATE RECEIVED 2010.Apr.16 DATE TESTED 2010.Apr.16 DATE SAMPLED 2010.Apr.14

SUPPLIER
 SOURCE R-S6B-08-2010
 SPECIFICATION
 MATERIAL TYPE Filter - PE-S6B-ZF

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 98.1 | |
| 1/2" | 12.5 mm | 77.5 | |
| 3/8" | 9.5 mm | 64.8 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 41.7 | |
| No. 10 | 2.00 mm | 25.3 | |
| No. 20 | 850 μm | 17.4 | |
| No. 40 | 425 μm | 13.6 | |
| No. 60 | 250 μm | 11.3 | |
| No. 100 | 150 μm | 9.6 | |
| No. 200 | 75 μm | 7.5 | |

COMMENTS

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

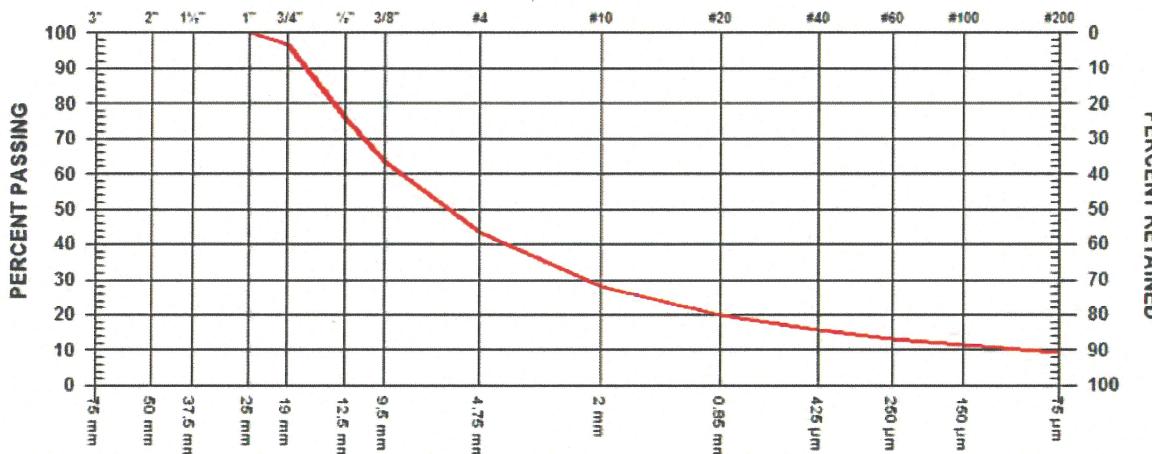
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 21 DATE RECEIVED 2010.Apr.16 DATE TESTED 2010.Apr.19 DATE SAMPLED 2010.Apr.14

SUPPLIER
 SOURCE R-S6B-09-2010
 SPECIFICATION
 MATERIAL TYPE Filter - PE-S6B-ZF

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 96.7 | |
| 1/2" | 12.5 mm | 76.0 | |
| 3/8" | 9.5 mm | 63.3 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 43.6 | |
| No. 10 | 2.00 mm | 28.1 | |
| No. 20 | 850 µm | 19.9 | |
| No. 40 | 425 µm | 15.9 | |
| No. 60 | 250 µm | 13.4 | |
| No. 100 | 150 µm | 11.5 | |
| No. 200 | 75 µm | 9.3 | |

COMMENTS

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

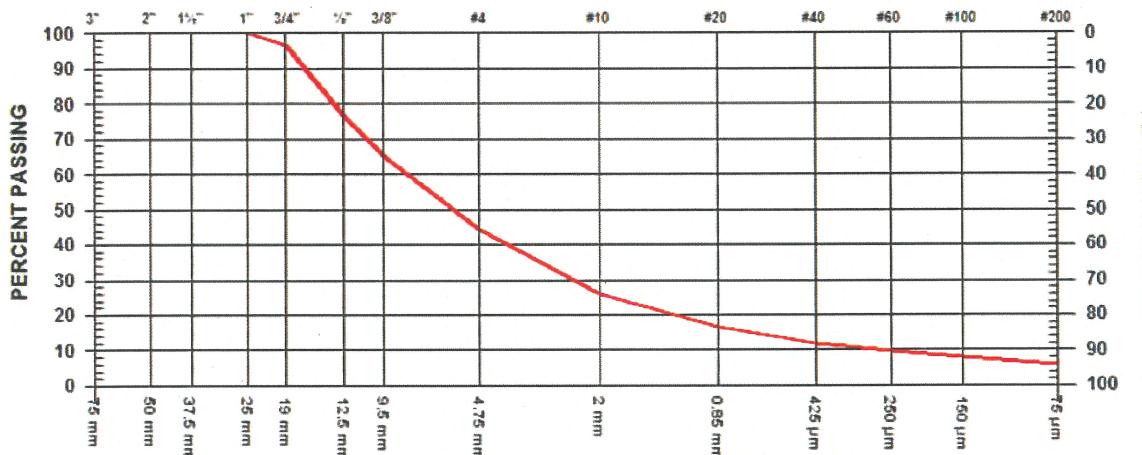
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 22 DATE RECEIVED 2010.Apr.16 DATE TESTED 2010.Apr.19 DATE SAMPLED 2010.Apr.14

SUPPLIER
 SOURCE R-S6B-10-2010
 SPECIFICATION
 MATERIAL TYPE Filter - PE-S6B-ZF

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 96.7 | |
| 1/2" | 12.5 mm | 76.6 | |
| 3/8" | 9.5 mm | 65.2 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 44.3 | |
| No. 10 | 2.00 mm | 26.0 | |
| No. 20 | 850 µm | 16.4 | |
| No. 40 | 425 µm | 12.1 | |
| No. 60 | 250 µm | 9.7 | |
| No. 100 | 150 µm | 7.9 | |
| No. 200 | 75 µm | 5.8 | |

COMMENTS

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

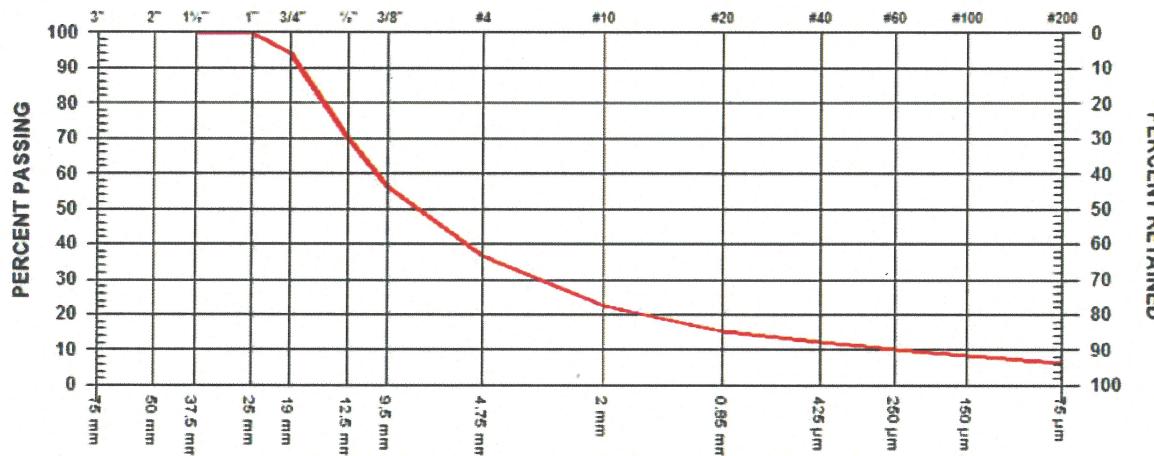
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 27 DATE RECEIVED 2010.Apr.28 DATE TESTED 2010.Apr.30 DATE SAMPLED 2010.Apr.27

SUPPLIER
 SOURCE R-S6B-ZF-08-2010
 SPECIFICATION
 MATERIAL TYPE Filter

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | 100.0 | |
| 1" | 25 mm | 99.8 | |
| 3/4" | 19 mm | 94.1 | |
| 1/2" | 12.5 mm | 70.0 | |
| 3/8" | 9.5 mm | 56.3 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 36.5 | |
| No. 10 | 2.00 mm | 22.5 | |
| No. 20 | 850 μm | 15.4 | |
| No. 40 | 425 μm | 12.2 | |
| No. 60 | 250 μm | 10.2 | |
| No. 100 | 150 μm | 8.7 | |
| No. 200 | 75 μm | 6.6 | |

COMMENTS

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937
 CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

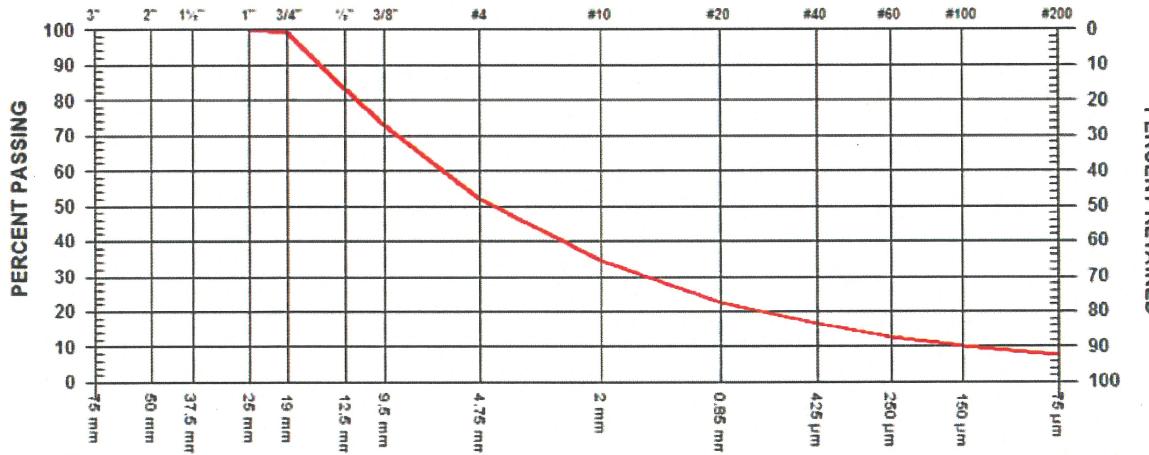
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 32 DATE RECEIVED 2010.Jun.01 DATE TESTED 2010.Jun.01 DATE SAMPLED 2010.May.27

SUPPLIER
 SOURCE R-S6B-ZF-12b-2010
 SPECIFICATION
 MATERIAL TYPE Dam Filter

SAMPLED BY Client
 TESTED BY SR
 TEST METHOD WASHED

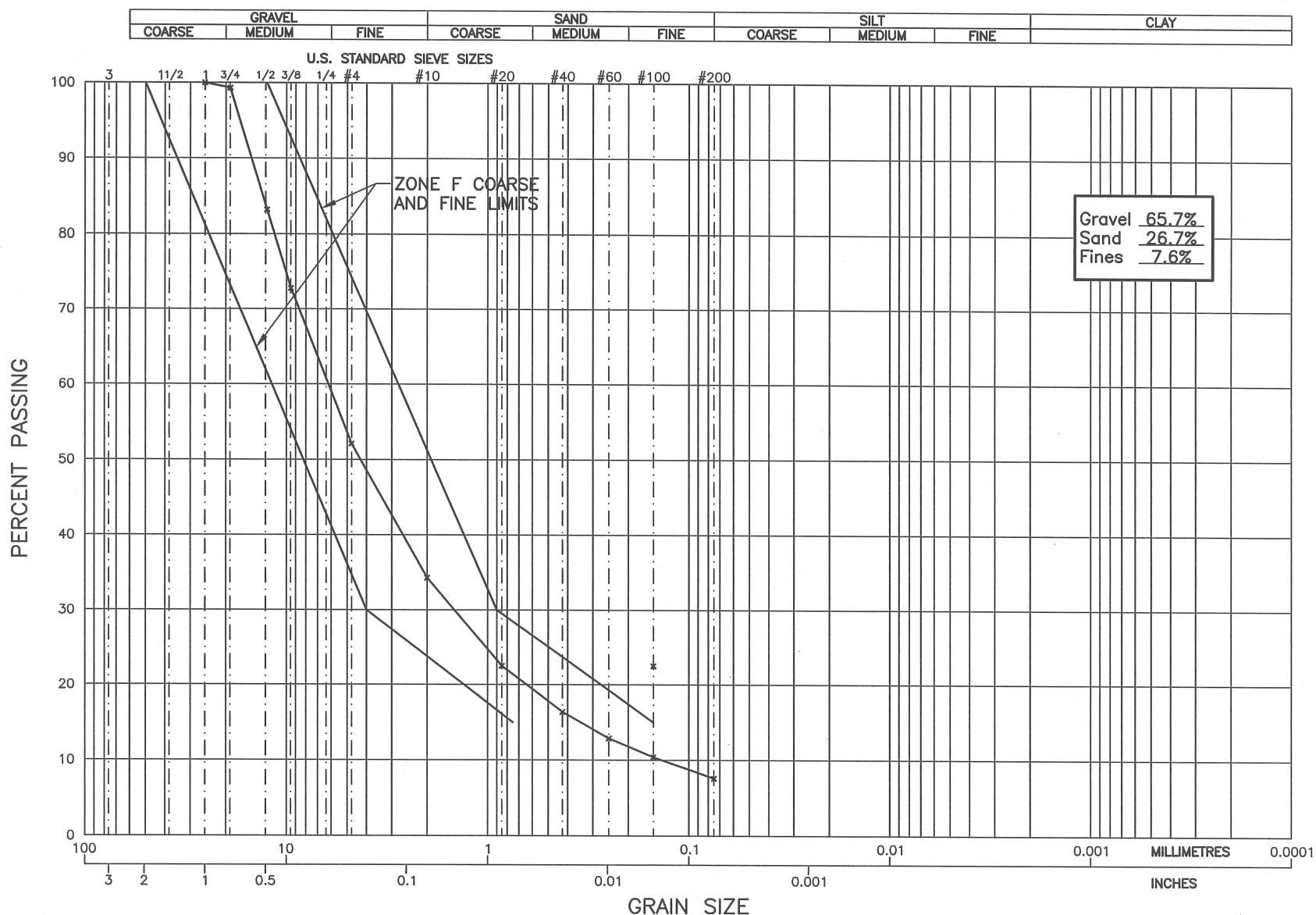


| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 99.3 | |
| 1/2" | 12.5 mm | 83.2 | |
| 3/8" | 9.5 mm | 72.8 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 52.1 | |
| No. 10 | 2.00 mm | 34.3 | |
| No. 20 | 850 µm | 22.5 | |
| No. 40 | 425 µm | 16.4 | |
| No. 60 | 250 µm | 12.9 | |
| No. 100 | 150 µm | 10.4 | |
| No. 200 | 75 µm | 7.6 | |

COMMENTS

Location:ME, Chainage:2250, Elevation:956.1, offset:1st Lift



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MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZF-12(b)-2010

| |
|-----------------------|
| PROJECT NO. K-2937 |
| PLATE NO. 2937-C13 |

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

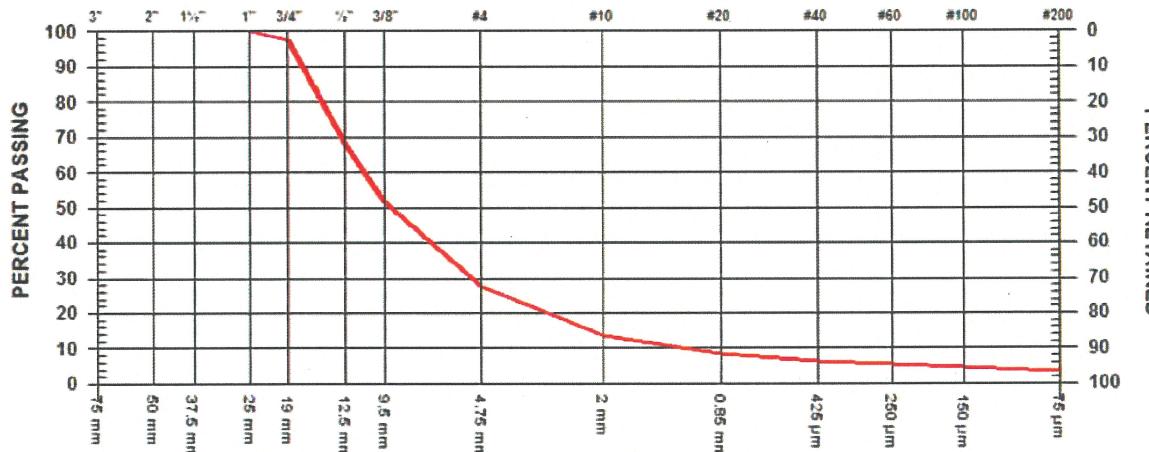
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 28 DATE RECEIVED 2010.Apr.28 DATE TESTED 2010.Apr.30 DATE SAMPLED 2010.Apr.27

SUPPLIER
 SOURCE R-S6B-ZF-09-2010
 SPECIFICATION
 MATERIAL TYPE Filter

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 97.3 | |
| 1/2" | 12.5 mm | 68.1 | |
| 3/8" | 9.5 mm | 51.5 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 μm | 27.6 | |
| No. 10 | 2.00 μm | 13.7 | |
| No. 20 | 850 μm | 8.7 | |
| No. 40 | 425 μm | 6.6 | |
| No. 60 | 250 μm | 5.4 | |
| No. 100 | 150 μm | 4.5 | |
| No. 200 | 75 μm | 3.4 | |

COMMENTS

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 30 DATE RECEIVED 2010.May.28 DATE TESTED 2010.May.28 DATE SAMPLED 2010.May.14

SUPPLIER

SOURCE R-S6B-ZF-14-2010

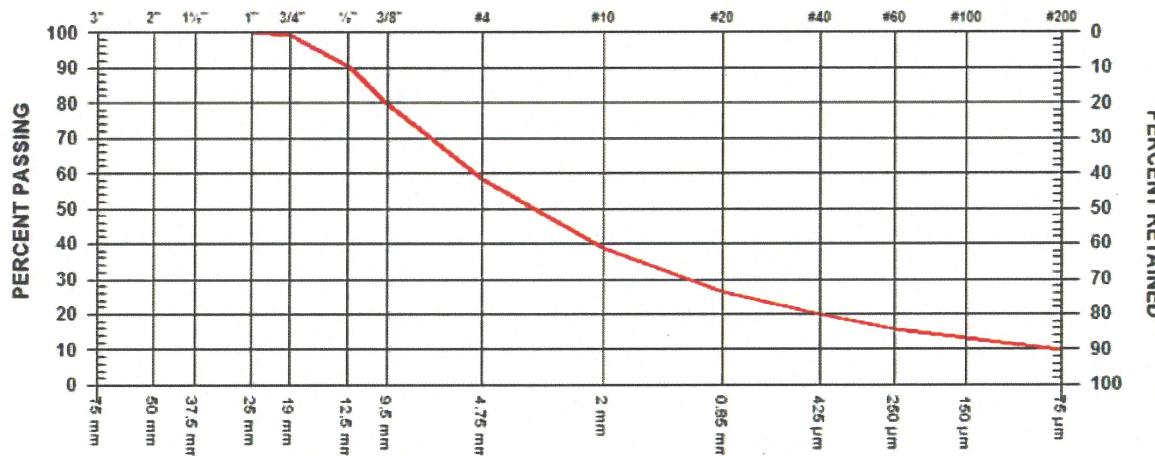
SPECIFICATION

MATERIAL TYPE In Dam Filter

SAMPLED BY Client

TESTED BY SR

TEST METHOD WASHED



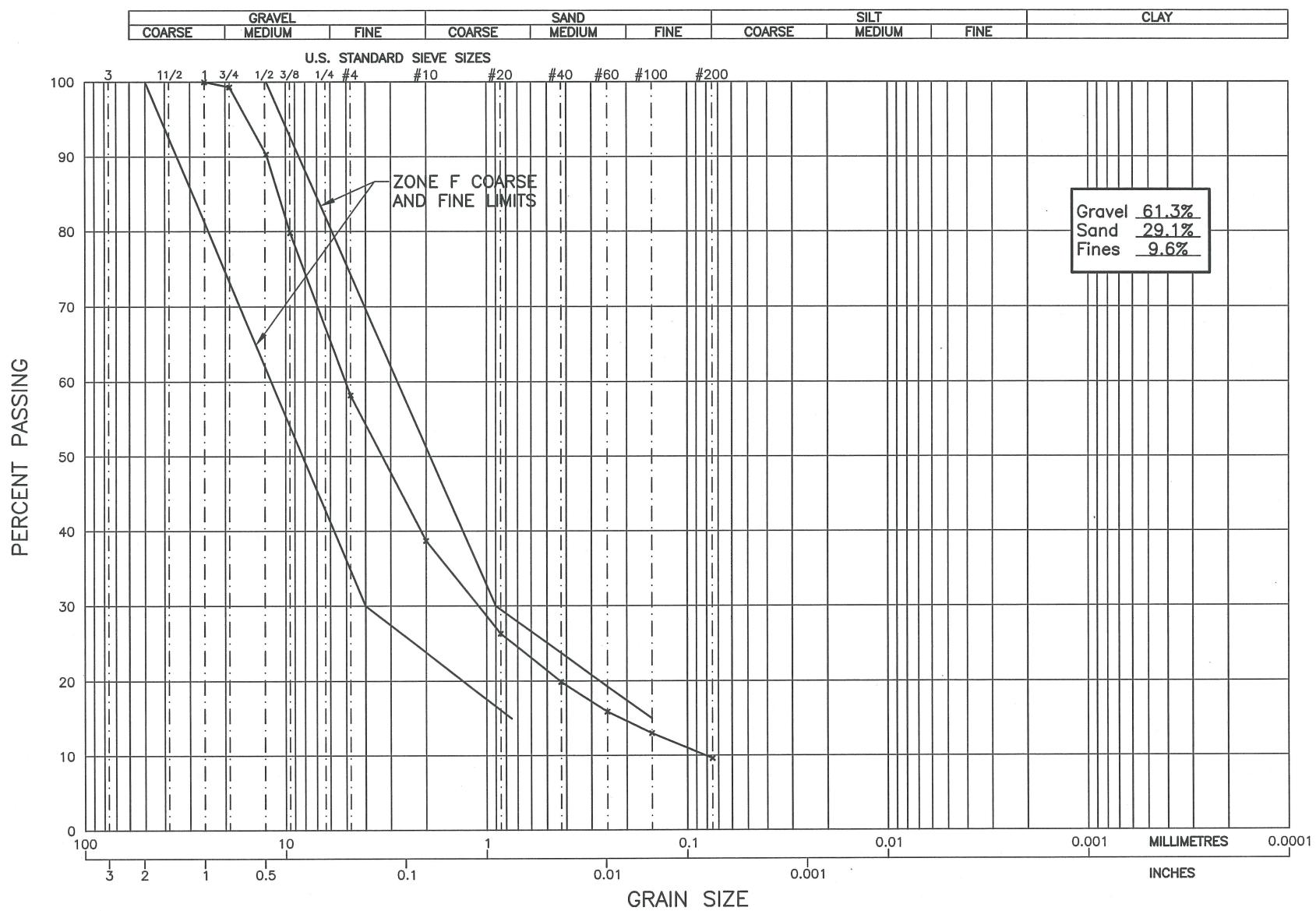
| GRAVEL SIZES | PERCENT PASSING | GRADATION LIMITS |
|--------------|-----------------|------------------|
| 3" | 75 mm | |
| 2" | 50 mm | |
| 1 1/2" | 37.5 mm | |
| 1" | 25 mm | 100.0 |
| 3/4" | 19 mm | 99.3 |
| 1/2" | 12.5 mm | 90.3 |
| 3/8" | 9.5 mm | 79.8 |

| SAND SIZES AND FINES | PERCENT PASSING | GRADATION LIMITS |
|----------------------|-----------------|------------------|
| No. 4 | 4.75 mm | 58.2 |
| No. 10 | 2.00 mm | 38.7 |
| No. 20 | 850 µm | 26.3 |
| No. 40 | 425 µm | 19.9 |
| No. 60 | 250 µm | 15.9 |
| No. 100 | 150 µm | 13.0 |
| No. 200 | 75 µm | 9.6 |

COMMENTS

See Plate No. 2937-C11

Location: SE, Chainage: 1300, Elevation: 956.1, Offset: 2nd Lift



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MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZF-14-2010

PROJECT NO.
K-2937
PLATE NO.
2937-C11

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

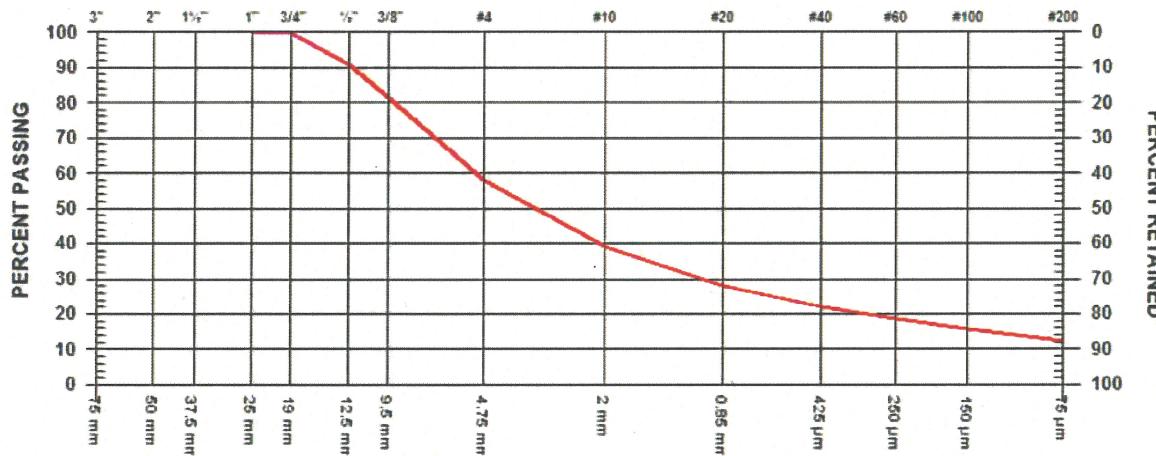
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 31 DATE RECEIVED 2010.May.28 DATE TESTED 2010.May.28 DATE SAMPLED 2010.May.20

| | | | |
|---------------|------------------|-------------|--------|
| SUPPLIER | | SAMPLED BY | Client |
| SOURCE | R-S6B-ZF-18-2010 | TESTED BY | SR |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Dam Filter | | |



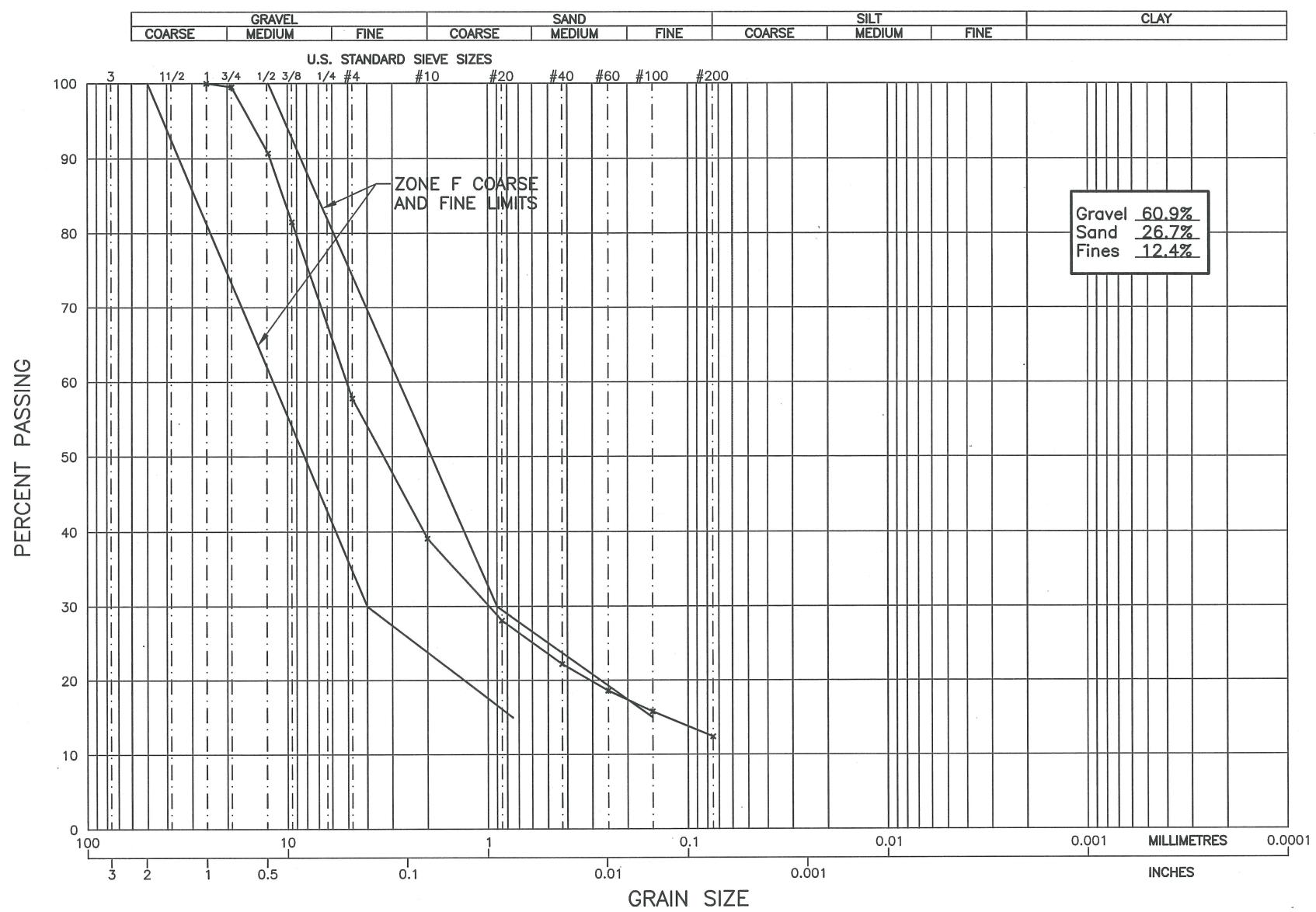
| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 99.5 | |
| 1/2" | 12.5 mm | 90.7 | |
| 3/8" | 9.5 mm | 81.5 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 57.8 | |
| No. 10 | 2.00 mm | 39.1 | |
| No. 20 | 850 µm | 28.1 | |
| No. 40 | 425 µm | 22.2 | |
| No. 60 | 250 µm | 18.6 | |
| No. 100 | 150 µm | 15.8 | |
| No. 200 | 75 µm | 12.4 | |

COMMENTS

See Plate No.2937-C12

Location: PE, Chainage: 4100, Elevation: 957.4, Offset: 1st Lift



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MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM – STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZF-18-2010

PROJECT NO.
 K-2937
 PLATE NO.
 2937-C12

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 33 DATE RECEIVED 2010.Jun.01 DATE TESTED 2010.Jun.01 DATE SAMPLED 2010.May.28

| | | | |
|---------------|------------------|-------------|--------|
| SUPPLIER | | SAMPLED BY | Client |
| SOURCE | R-S6B-ZF-22-2010 | TESTED BY | SR |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Dam Filter | | |

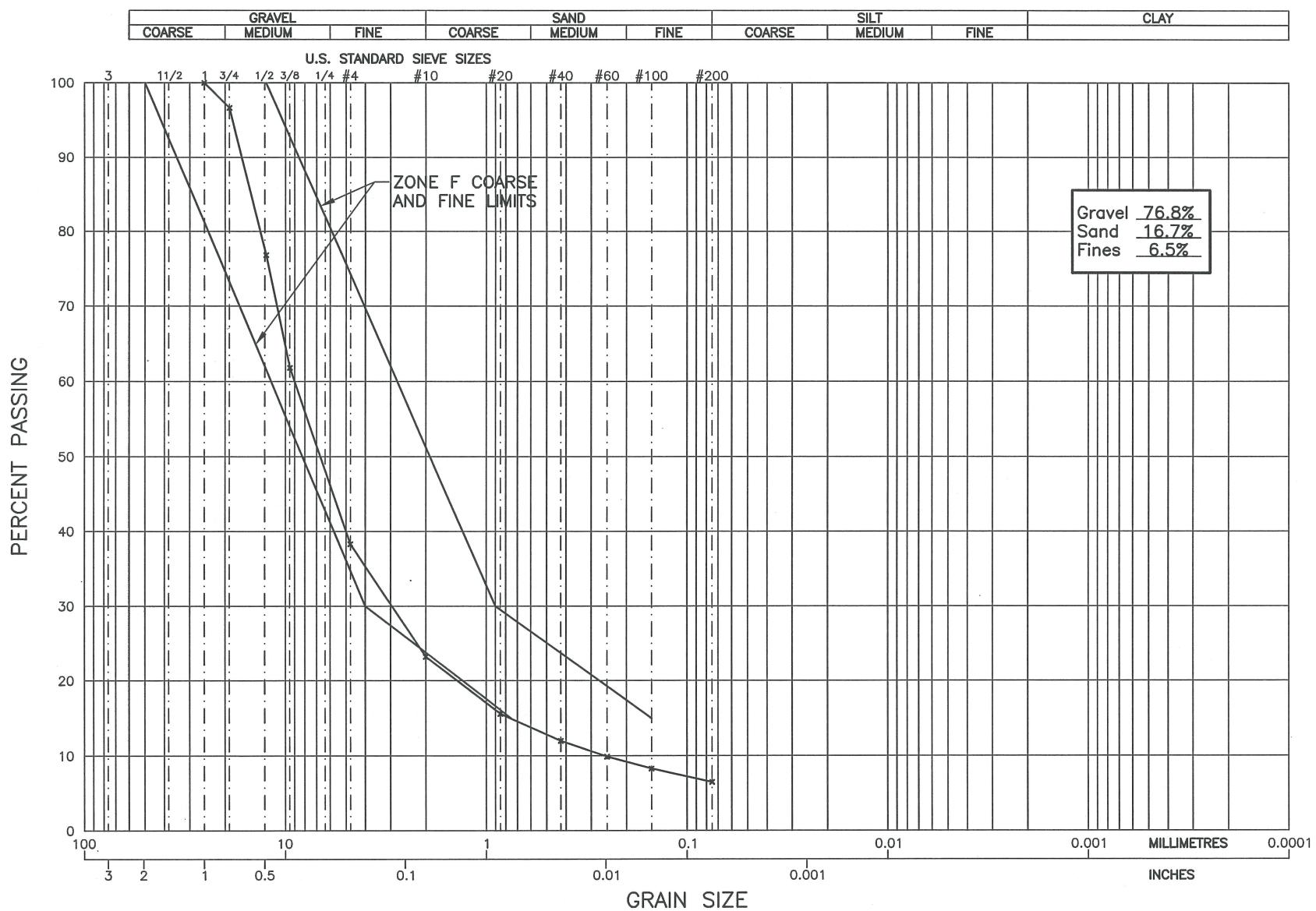


| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3 " | 75 mm | | |
| 2 " | 50 mm | | |
| 1 1/2 " | 37.5 mm | | |
| 1 " | 25 mm | 100.0 | |
| 3/4 " | 19 mm | 96.6 | |
| 1/2 " | 12.5 mm | 76.8 | |
| 3/8 " | 9.5 mm | 61.8 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 38.3 | |
| No. 10 | 2.00 mm | 23.2 | |
| No. 20 | 850 µm | 15.6 | |
| No. 40 | 425 µm | 12.0 | |
| No. 60 | 250 µm | 9.9 | |
| No. 100 | 150 µm | 8.3 | |
| No. 200 | 75 µm | 6.5 | |

COMMENTS

Location:PE, Chainage:2850, Elevation:957.5, Offset:2nd Lift



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 3975 18th Avenue
 Prince George, B.C. V2N 1B2
 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM – STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZF-22-2010

PROJECT NO.
 K-2937
 PLATE NO.
 2937-C14

GeoNorth Engineering Ltd.
3975 18th Avenue Prince George, BC V2N 1B2
Phone (250)564-4304; Fax (250)564-9323

SIEVE ANALYSIS REPORT

10 20 40 60 SERIES

TO Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO K 2937

CLIENT Mount Polley Mining Corp.
c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

**PROJECT Mount Polley Construction Program
Stage 6B**

Mount Polley Mine Likely

CONTRACTOR

SIEVE TEST NO. 37 DATE RECEIVED 2010.Jun.23 DATE TESTED 2010.Jun.24 DATE SAMPLED 2010.May.28

SUPPLIER SOURCE R-S6B-ZF-23-2010
SPECIFICATION MATERIAL TYPE Filter

SAMPLED BY Client
TESTED BY DJ
TEST METHOD WASHED

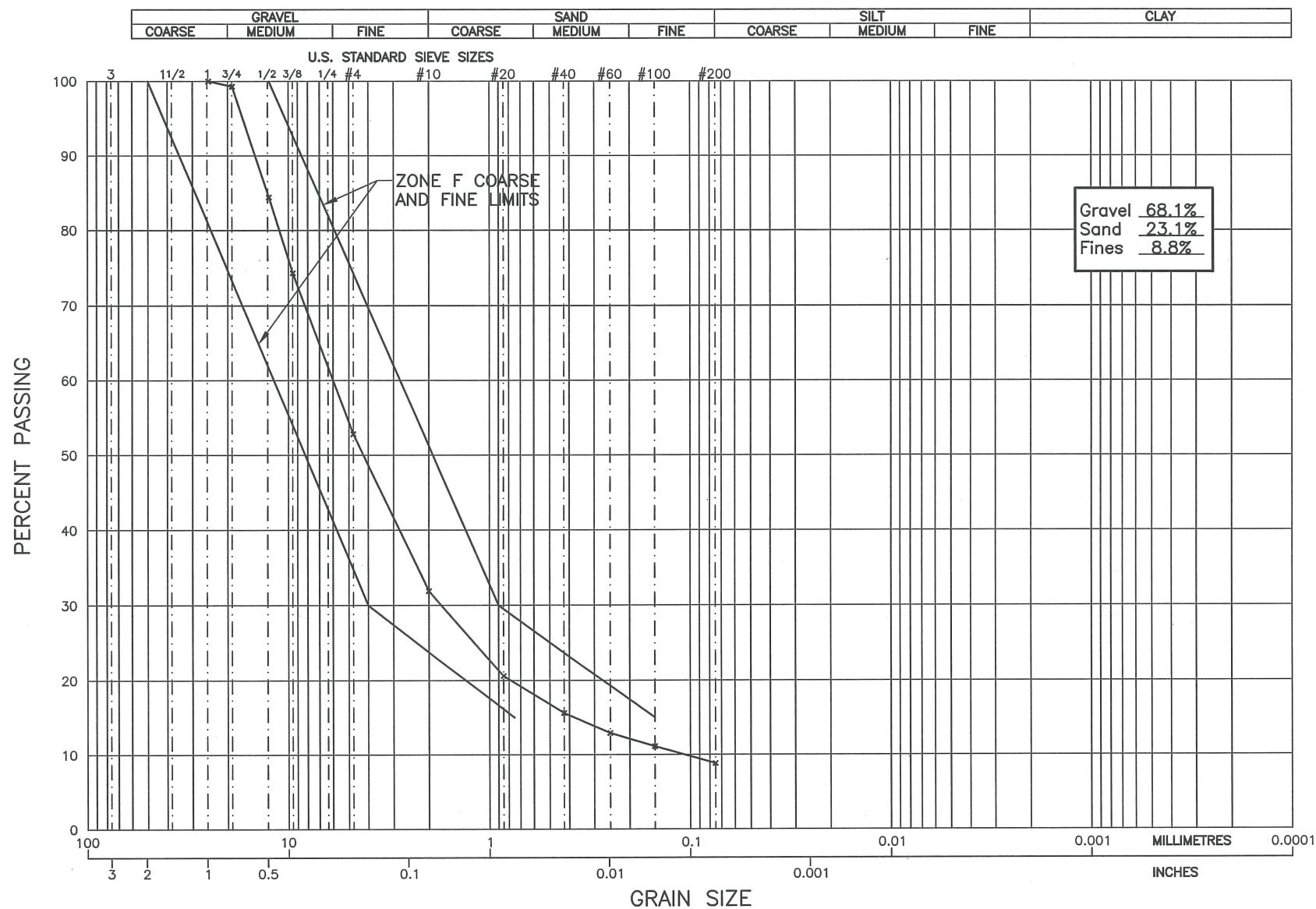


| GRAVEL SIZES | | | PERCENT PASSING | GRADATION LIMITS |
|--------------|------|----|--------------------|---------------------|
| 3 " | 75 | mm | | |
| 2 " | 50 | mm | | |
| 1 1/2 " | 37.5 | mm | | |
| 1 " | 25 | mm | 100.0 | |
| 3/4 " | 19 | mm | 99.3 | |
| 1/2 " | 12.5 | mm | 84.4 | |
| 3/8 " | 9.5 | mm | 74.3 | |

| SAND SIZES AND FINES | PERCENT PASSING | GRADATION LIMITS |
|---------------------------|-----------------|------------------|
| No. 4 4.75 mm | 52.8 | |
| No. 10 2.00 mm | 31.9 | |
| No. 20 850 μm | 20.6 | |
| No. 40 425 μm | 15.6 | |
| No. 60 250 μm | 12.9 | |
| No. 100 150 μm | 11.1 | |
| No. 200 75 μm | 8.8 | |

COMMENTS

Location: PE, Chainage: 3400, Elevation: 957.3
Re: Plate No. 2937-C20



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MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZF-23-2010

PROJECT NO.
 K-2937

PLATE NO.
 2937-C20

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937
 CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 38 DATE RECEIVED 2010.Jun.23 DATE TESTED 2010.Jun.24 DATE SAMPLED 2010.Jun.20

| | | | |
|---------------|------------------|-------------|--------|
| SUPPLIER | | SAMPLED BY | Client |
| SOURCE | R-S6B-ZF-26-2010 | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Filter | | |

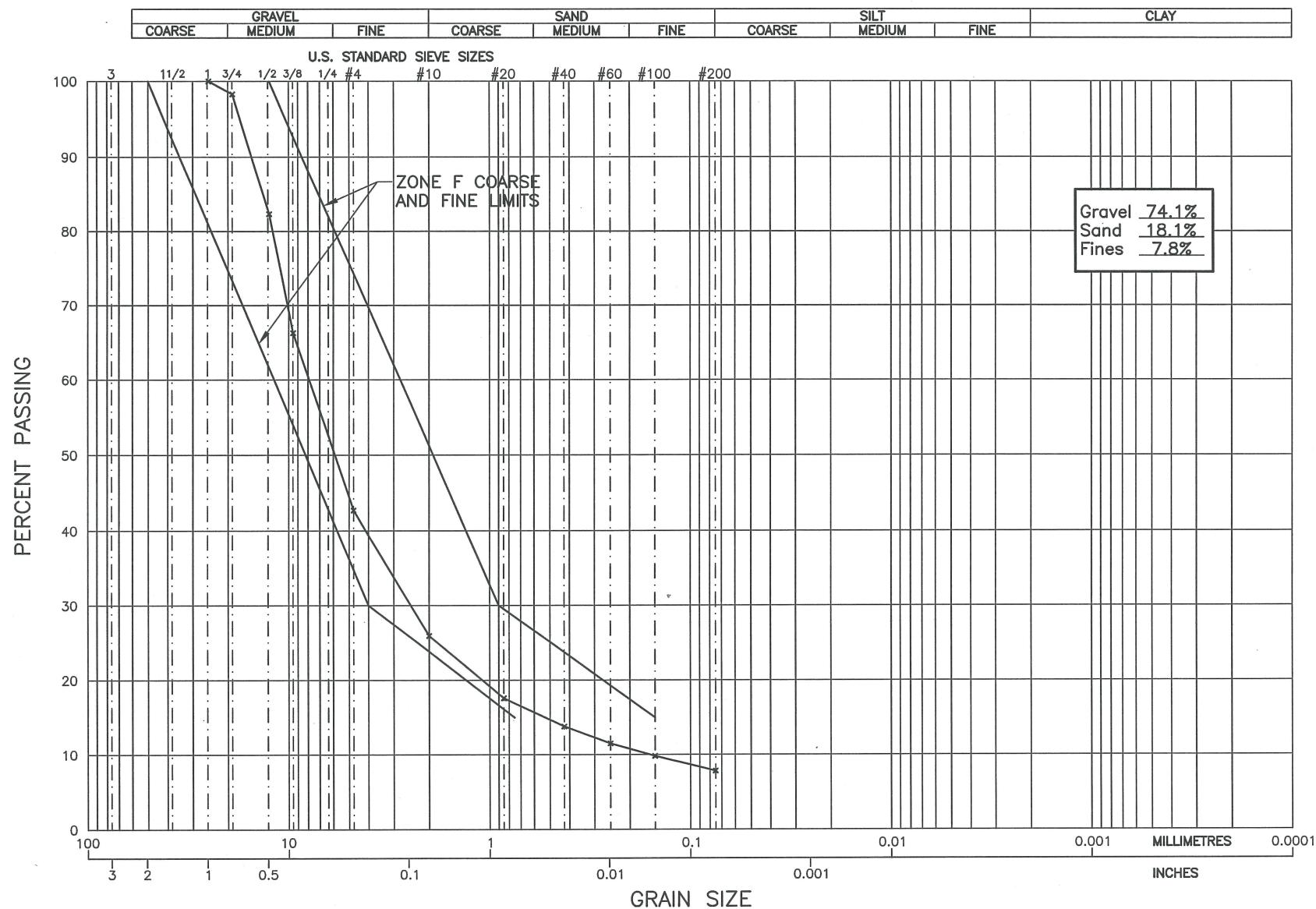


| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 98.3 | |
| 1/2" | 12.5 mm | 82.3 | |
| 3/8" | 9.5 mm | 66.3 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 42.7 | |
| No. 10 | 2.00 mm | 25.9 | |
| No. 20 | 850 µm | 17.6 | |
| No. 40 | 425 µm | 13.8 | |
| No. 60 | 250 µm | 11.5 | |
| No. 100 | 150 µm | 9.8 | |
| No. 200 | 75 µm | 7.8 | |

COMMENTS

Location: ME, Chainage: 2500, Elevation: 957.3, Offset: 2nd Lift
 Re: Plate No. 2937-C19



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MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZF-26-2010

PROJECT NO.
 K-2937
 PLATE NO.
 2937-C19

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937
 CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

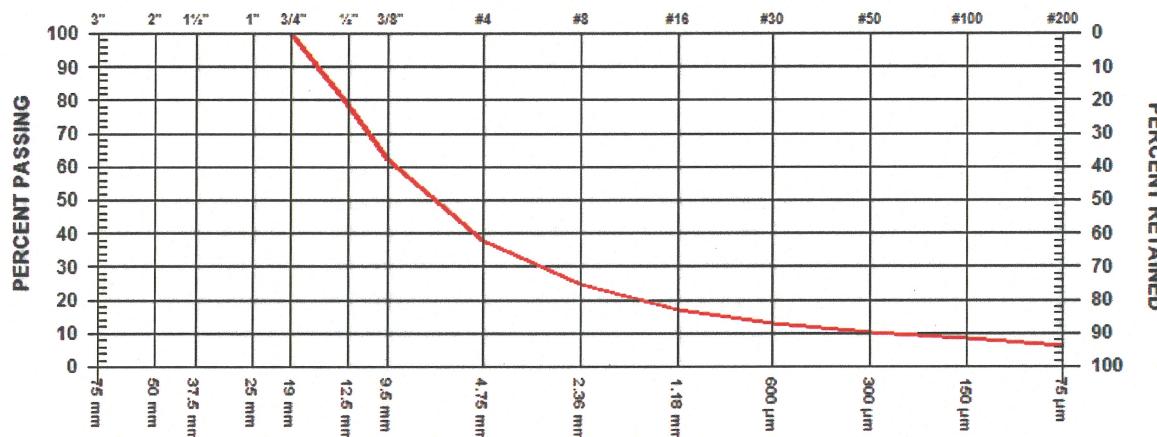
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 41 DATE RECEIVED 2010.Jul.14 DATE TESTED 2010.Jul.14 DATE SAMPLED 2010.Jun.20

| | | | |
|---------------|------------------|-------------|--------|
| SUPPLIER | | SAMPLED BY | Client |
| SOURCE | R-S6B-ZF-27-2010 | TESTED BY | Bg |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Dam Filter | | |

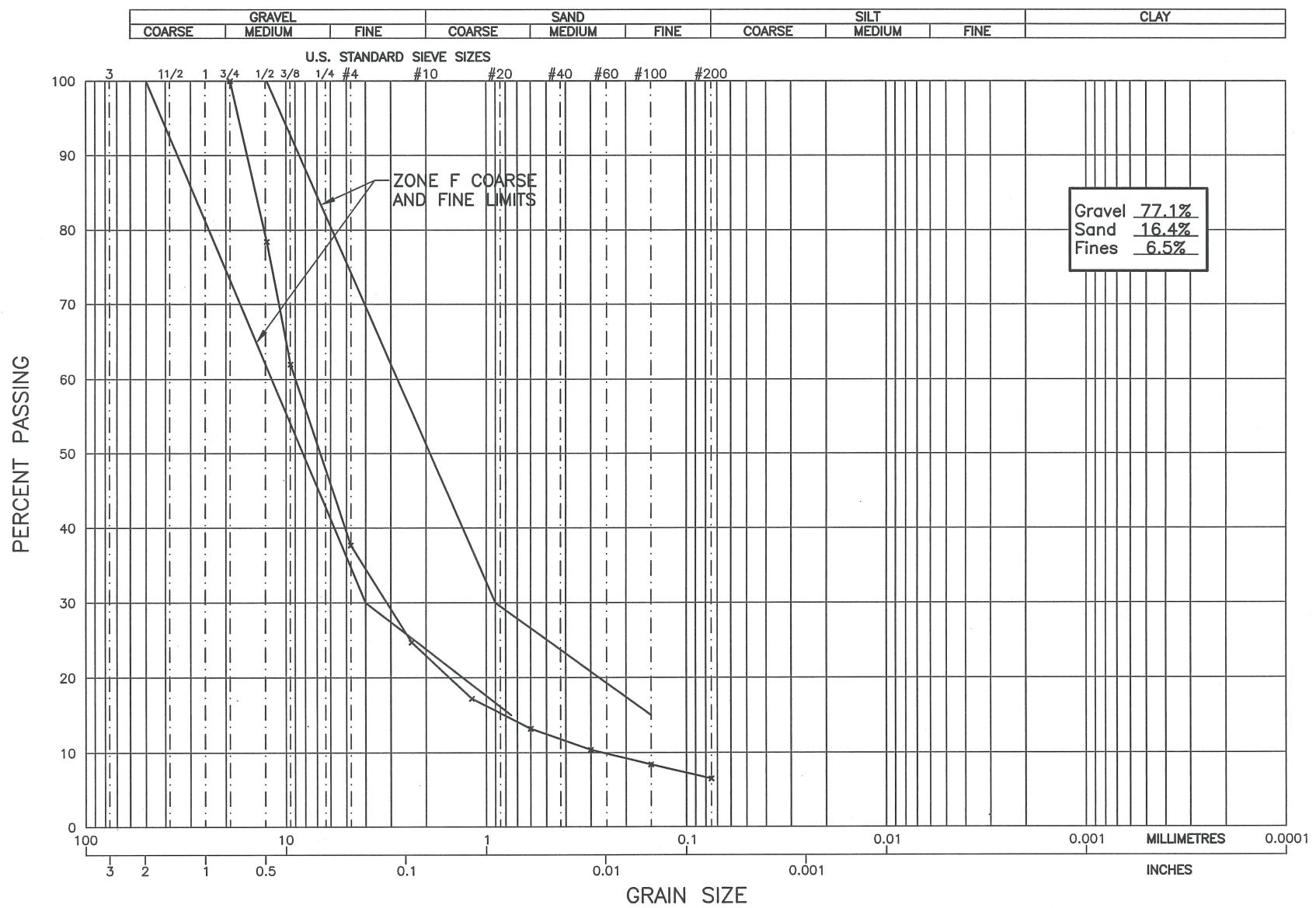


| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | | |
| 3/4" | 19 mm | 100.0 | |
| 1/2" | 12.5 mm | 78.4 | |
| 3/8" | 9.5 mm | 62.0 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 37.7 | |
| No. 8 | 2.36 mm | 24.7 | |
| No. 16 | 1.18 mm | 17.2 | |
| No. 30 | 600 μm | 13.2 | |
| No. 50 | 300 μm | 10.4 | |
| No. 100 | 150 μm | 8.4 | |
| No. 200 | 75 μm | 6.5 | |

COMMENTS

Location:ME, Chainage:2050, Elevation:957.3



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MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZF-27-2010

| | |
|-------------|----------|
| PROJECT NO. | K-2937 |
| PLATE NO. | 2937-C23 |

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

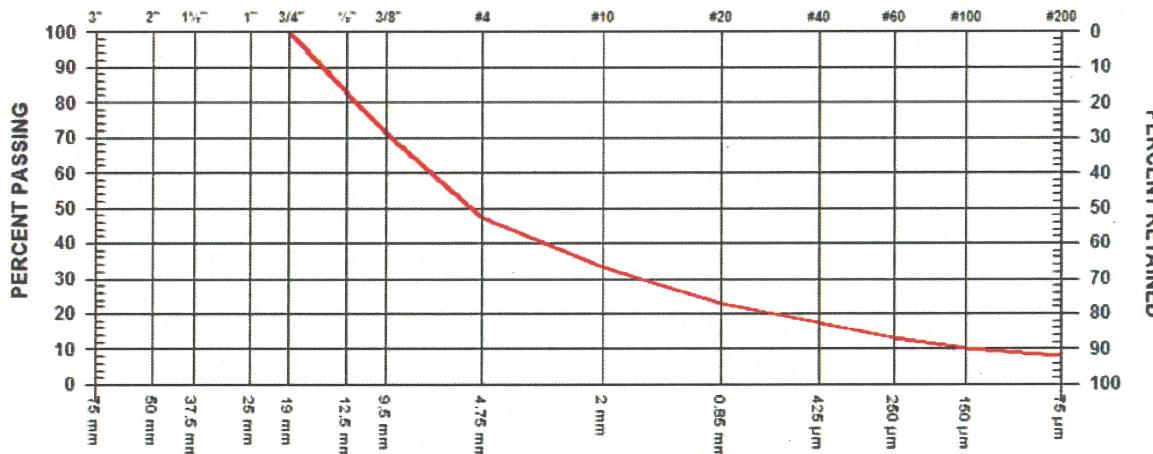
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 40 DATE RECEIVED 2010.Jul.05 DATE TESTED 2010.Jul.05 DATE SAMPLED 2010.Jun.28

| | | | |
|---------------|------------------|-------------|--------|
| SUPPLIER | | SAMPLED BY | Client |
| SOURCE | R-S6B-ZF-30-2010 | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Filter Material | | |

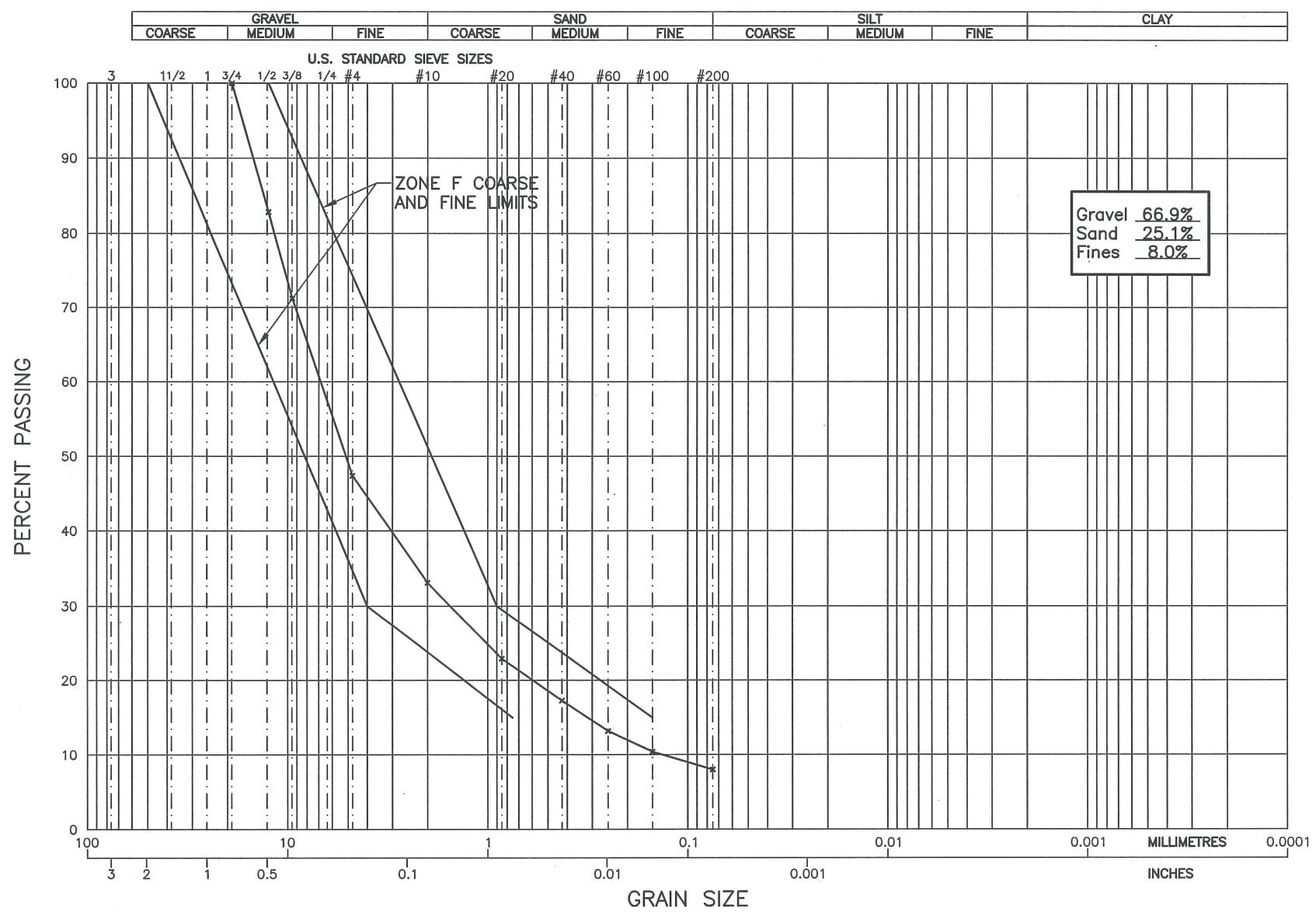


| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | | |
| 3/4" | 19 mm | 100.0 | |
| 1/2" | 12.5 mm | 82.8 | |
| 3/8" | 9.5 mm | 71.2 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|----------|-----------------|------------------|
| No. 4 | 4.75 mm | 47.4 | |
| No. 10 | 2.00 mm | 33.1 | |
| No. 20 | 0.850 μm | 22.9 | |
| No. 40 | 0.425 μm | 17.3 | |
| No. 60 | 0.250 μm | 13.2 | |
| No. 100 | 0.150 μm | 10.4 | |
| No. 200 | 75 μm | 8.0 | |

COMMENTS

Location: SE, Chainage: 1100, Elevation: 957.3, Offset: Second lift
 RE: PLATE No. 2937-C21



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MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZF-30-2010

PROJECT NO.
 K-2937
 PLATE NO.
 2937-C21

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1NO

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

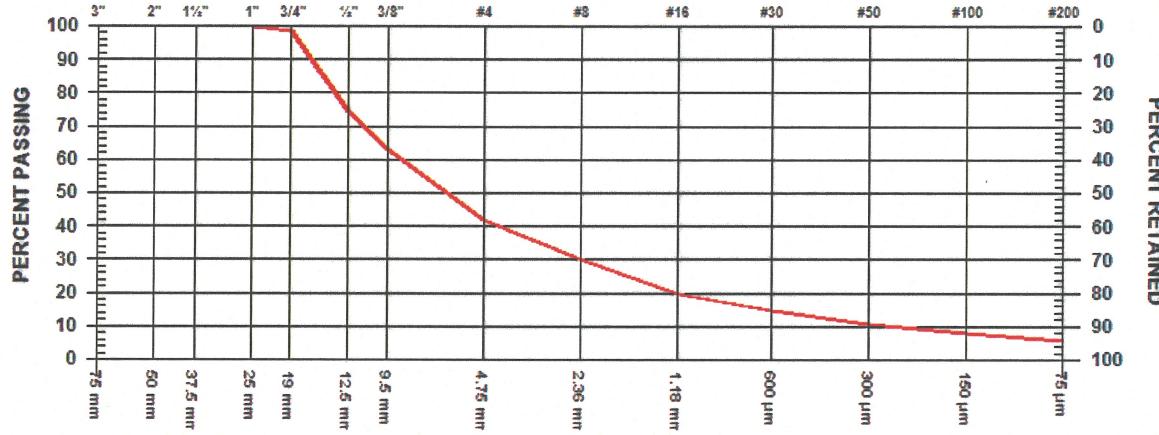
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 48 DATE RECEIVED 2010.Aug.12 DATE TESTED 2010.Aug.12 DATE SAMPLED 2010.Aug.10

SUPPLIER
 SOURCE R-S6B-ZF-34-2010
 SPECIFICATION
 MATERIAL TYPE Filter

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED

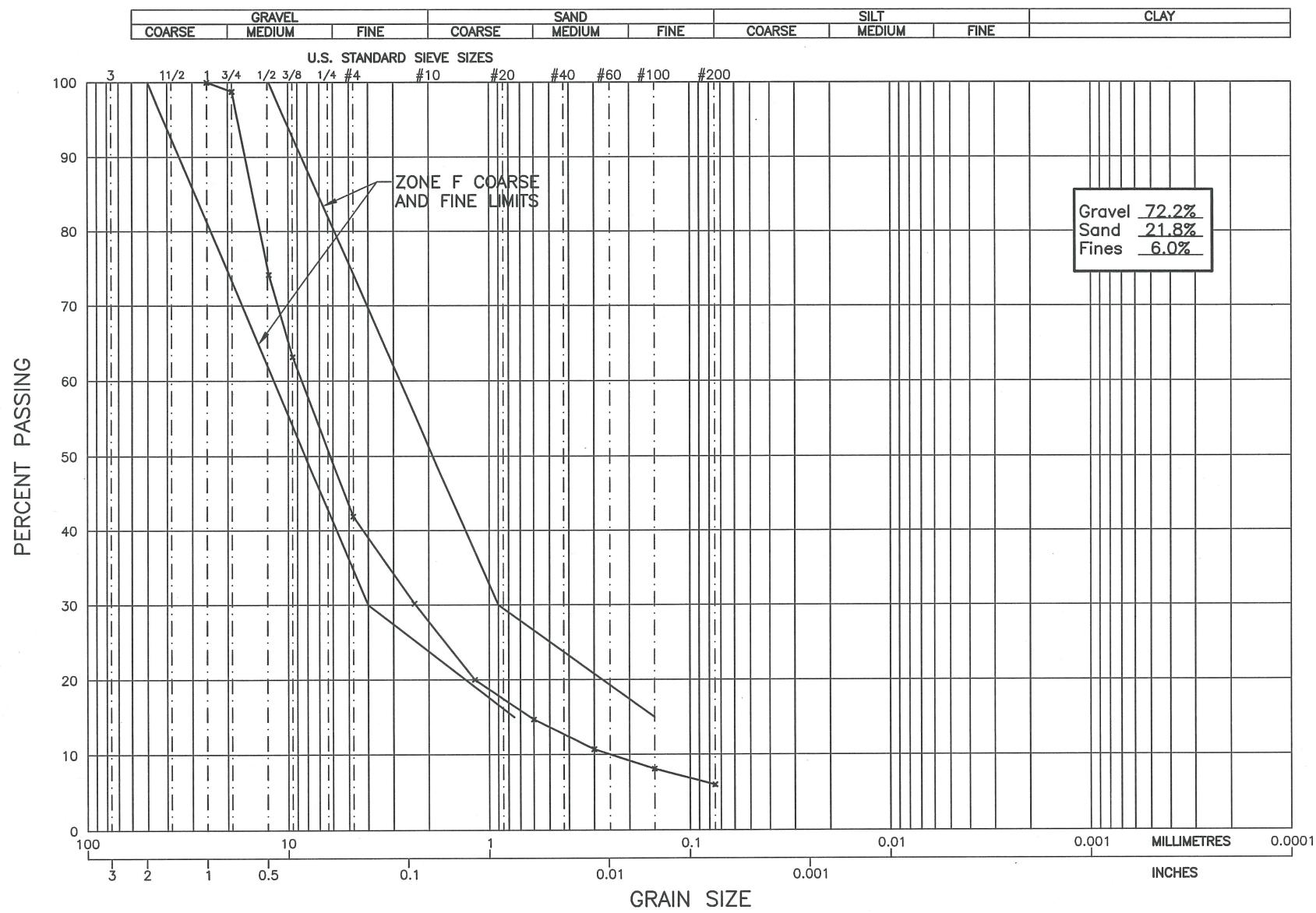


| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | | |
| 2" | 50 mm | | |
| 1 1/2" | 37.5 mm | | |
| 1" | 25 mm | 100.0 | |
| 3/4" | 19 mm | 98.8 | |
| 1/2" | 12.5 mm | 74.1 | |
| 3/8" | 9.5 mm | 63.2 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 41.9 | |
| No. 8 | 2.36 mm | 30.2 | |
| No. 16 | 1.18 mm | 20.0 | |
| No. 30 | 600 µm | 14.7 | |
| No. 50 | 300 µm | 10.7 | |
| No. 100 | 150 µm | 8.1 | |
| No. 200 | 75 µm | 6.0 | |

COMMENTS

Location:SE, Chainage:1500, Elevation:958.0, Offset:First Lift



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3975 18th Avenue
Prince George, B.C. V2N 1B2
Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZF-34-2010

PROJECT NO.
K-2937

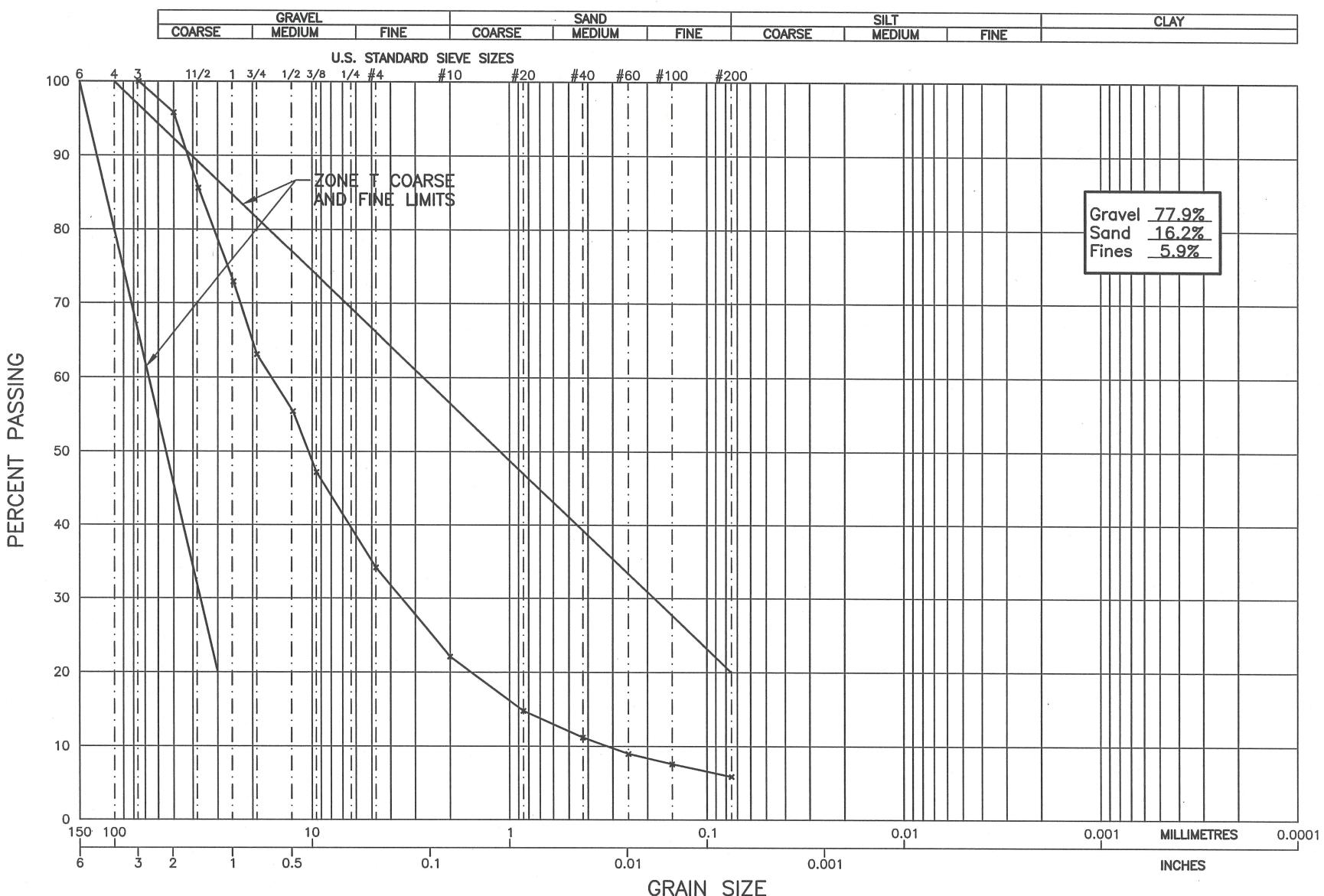
PLATE NO.
2937-C29



APPENDIX A4

ZONE T RECORD

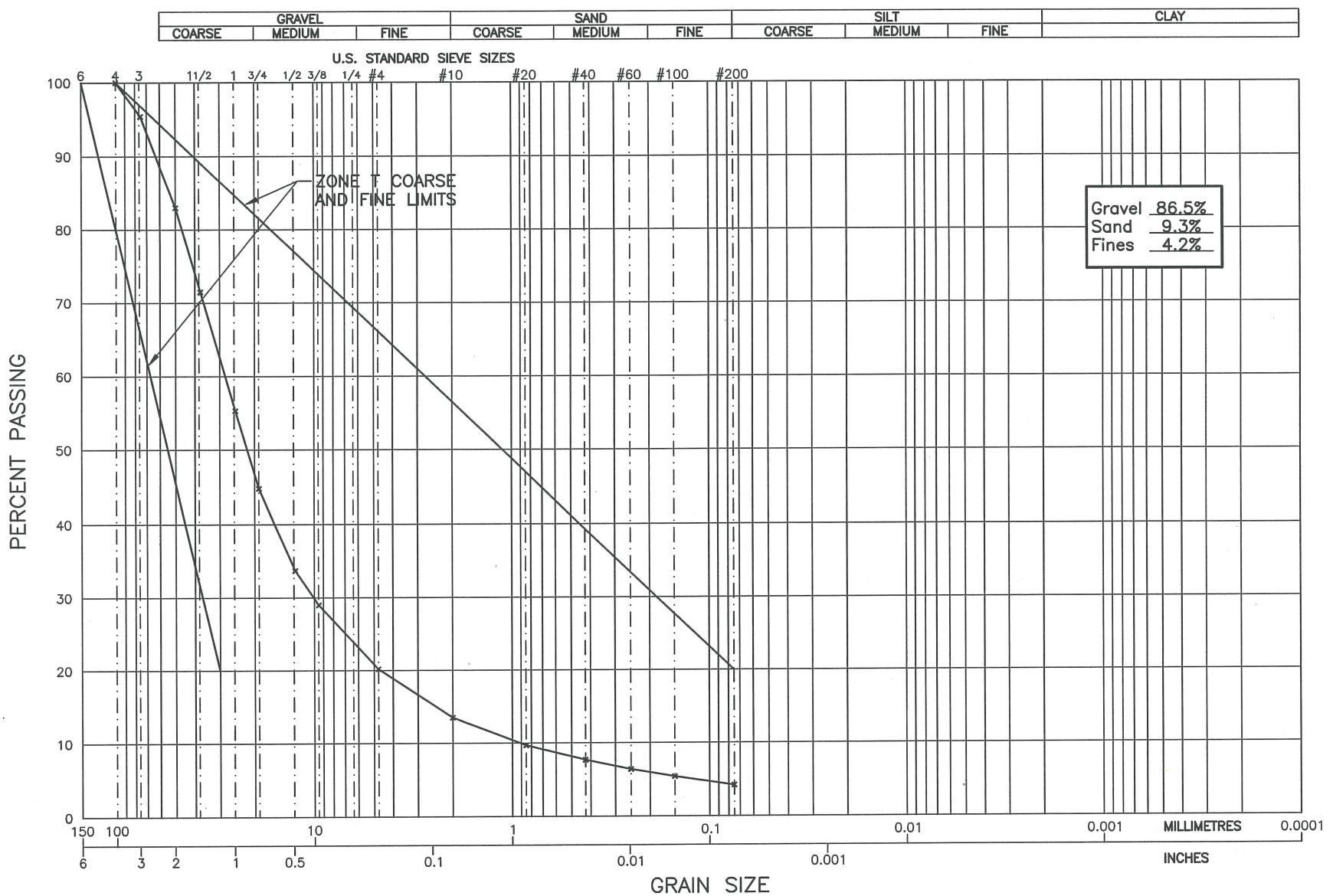
(Pages A4-1 to A4-7)

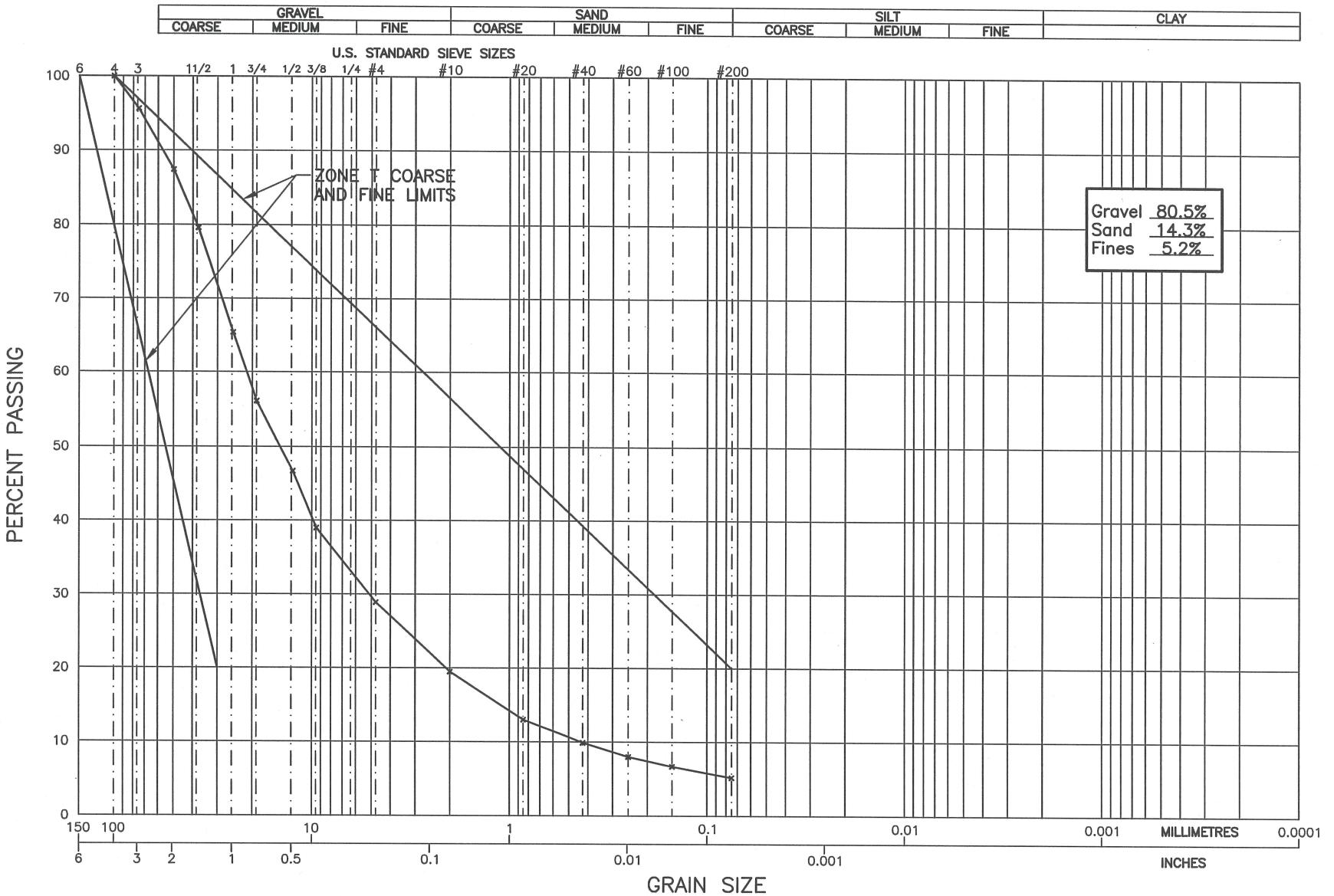


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 Tel. 250-564-4304 Fax 250-564-9323

MOUNT POLLEY MINING CORPORATION
 MOUNT POLLEY CONSTRUCTION PROGRAM - STAGE 6B
 MOUNT POLLEY MINE, LIKELY, B.C.
 GRAIN SIZE ANALYSIS OF R-S6B-ZT-01-2010

PROJECT NO.
 K-2937
 PLATE NO.
 2937-C2





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 Prince George, B.C. V2N 1B2
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MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY CONSTRUCTION PROGRAM – STAGE 6B
MOUNT POLLEY MINE, LIKELY, B.C.
GRAIN SIZE ANALYSIS OF R-S6B-ZT-03-2010

| |
|-----------------------|
| PROJECT NO. K-2937 |
| PLATE NO. 2937-C4 |

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

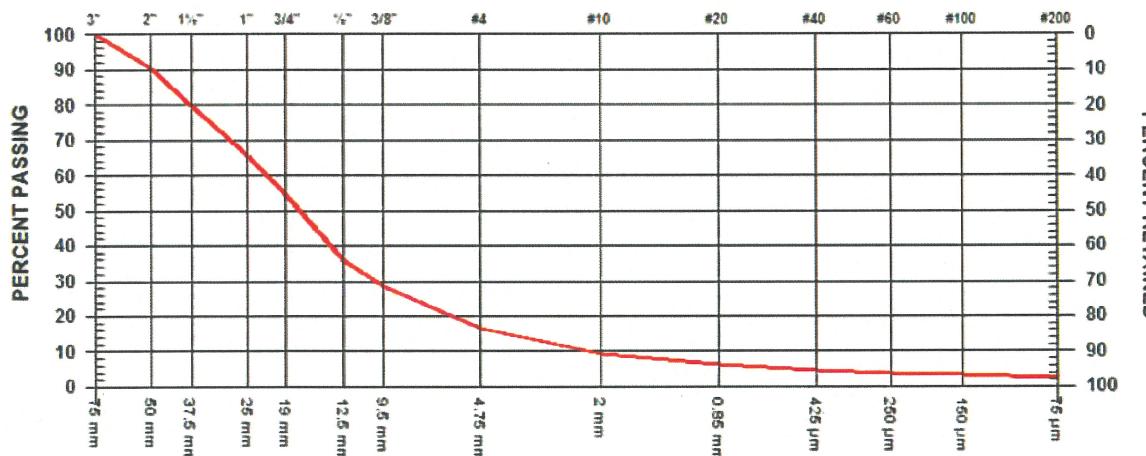
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 23 DATE RECEIVED 2010.Apr.28 DATE TESTED 2010.Apr.29 DATE SAMPLED 2010.Apr.27

| | | | |
|---------------|--------------------|-------------|--------|
| SUPPLIER | | SAMPLED BY | Client |
| SOURCE | R-S6B-ZT-[04]-2010 | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Coarse Rock | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3" | 75 mm | 100.0 | |
| 2" | 50 mm | 90.3 | |
| 1 1/2" | 37.5 mm | 79.7 | |
| 1" | 25 mm | 65.6 | |
| 3/4" | 19 mm | 54.4 | |
| 1/2" | 12.5 mm | 35.7 | |
| 3/8" | 9.5 mm | 28.4 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 16.5 | |
| No. 10 | 2.00 mm | 9.2 | |
| No. 20 | 850 µm | 6.2 | |
| No. 40 | 425 µm | 4.8 | |
| No. 60 | 250 µm | 4.0 | |
| No. 100 | 150 µm | 3.4 | |
| No. 200 | 75 µm | 2.7 | |

COMMENTS

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937

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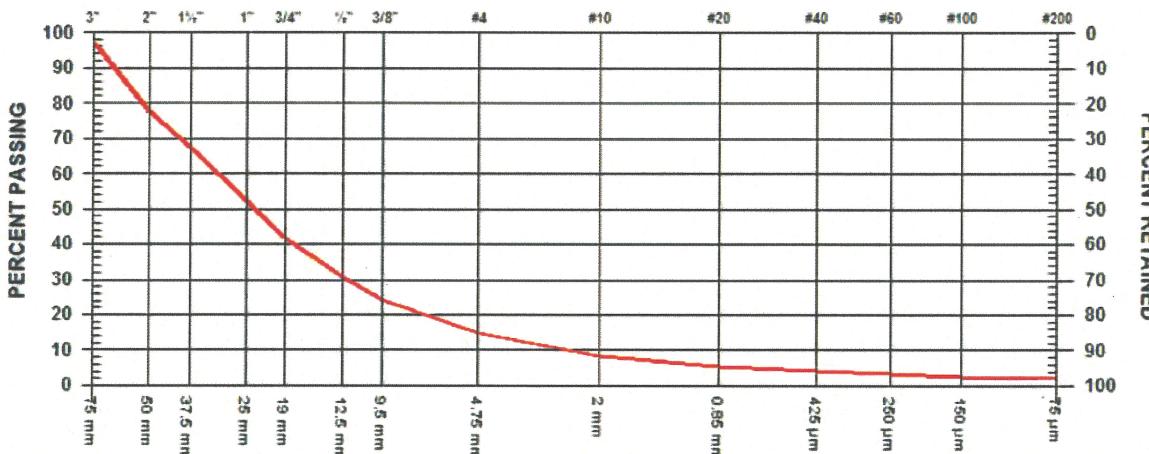
PROJECT Mount Polley Construction Program
 Stage 6B

Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 24 DATE RECEIVED 2010.Apr.28 DATE TESTED 2010.Apr.29 DATE SAMPLED 2010.Apr.27

| | | | |
|---------------|--------------------|-------------|--------|
| SUPPLIER | | SAMPLED BY | Client |
| SOURCE | R-S6B-ZT-[05]-2010 | TESTED BY | DJ |
| SPECIFICATION | | TEST METHOD | WASHED |
| MATERIAL TYPE | Coarse Rock | | |



| GRAVEL SIZES | | PERCENT PASSING | GRADATION LIMITS |
|--------------|---------|-----------------|------------------|
| 3 " | 75 mm | 97.1 | |
| 2 " | 50 mm | 77.6 | |
| 1 1/2 " | 37.5 mm | 67.4 | |
| 1 " | 25 mm | 52.2 | |
| 3/4 " | 19 mm | 41.7 | |
| 1/2 " | 12.5 mm | 30.8 | |
| 3/8 " | 9.5 mm | 24.3 | |

| SAND SIZES AND FINES | | PERCENT PASSING | GRADATION LIMITS |
|----------------------|---------|-----------------|------------------|
| No. 4 | 4.75 mm | 14.8 | |
| No. 10 | 2.00 mm | 8.6 | |
| No. 20 | 850 µm | 5.5 | |
| No. 40 | 425 µm | 4.1 | |
| No. 60 | 250 µm | 3.3 | |
| No. 100 | 150 µm | 2.7 | |
| No. 200 | 75 µm | 2.1 | |

COMMENTS

100% passing the 4"

TO
 Mount Polley Mining Corp.
 P.O Box 12
 Likely, BC
 VOL -1N0

PROJECT NO. K 2937
 CLIENT Mount Polley Mining Corp.
 c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

PROJECT Mount Polley Construction Program
 Stage 6B

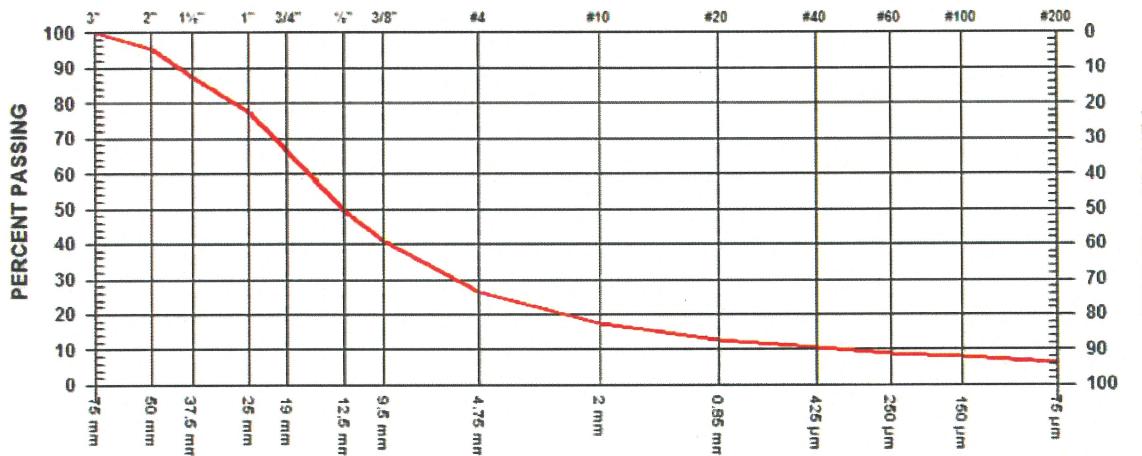
Mount Polley Mine
 Likely

CONTRACTOR

SIEVE TEST NO. 25 DATE RECEIVED 2010.Apr.28 DATE TESTED 2010.Apr.30 DATE SAMPLED 2010.Apr.27

SUPPLIER
 SOURCE R-S6B-ZT-[06]-2010
 SPECIFICATION
 MATERIAL TYPE Coarse Gravel

SAMPLED BY Client
 TESTED BY DJ
 TEST METHOD WASHED



| GRAVEL SIZES | PERCENT PASSING | GRADATION LIMITS |
|--------------|-----------------|------------------|
| 3" | 75 mm | 100.0 |
| 2" | 50 mm | 95.4 |
| 1 1/2" | 37.5 mm | 87.4 |
| 1" | 25 mm | 77.6 |
| 3/4" | 19 mm | 66.6 |
| 1/2" | 12.5 mm | 49.4 |
| 3/8" | 9.5 mm | 40.8 |

| SAND SIZES AND FINES | PERCENT PASSING | GRADATION LIMITS |
|----------------------|-----------------|------------------|
| No. 4 | 4.75 mm | 26.4 |
| No. 10 | 2.00 mm | 17.4 |
| No. 20 | 850 μm | 12.9 |
| No. 40 | 425 μm | 10.6 |
| No. 60 | 250 μm | 9.1 |
| No. 100 | 150 μm | 7.9 |
| No. 200 | 75 μm | 6.2 |

COMMENTS

GeoNorth Engineering Ltd.
3975 18th Avenue Prince George, BC V2N 1B2
Phone (250)564-4304; Fax (250)564-9323

SIEVE ANALYSIS REPORT

10 20 40 60 SERIES

TO []
Mount Polley Mining Corp.
P.O Box 12
Likely, BC
VOL -1NO

PROJECT NO K 2937

CLIENT Mount Polley Mining Corp.
c.c. Knight Piesold Ltd.

ATTN: Ron Martel @ E-mail

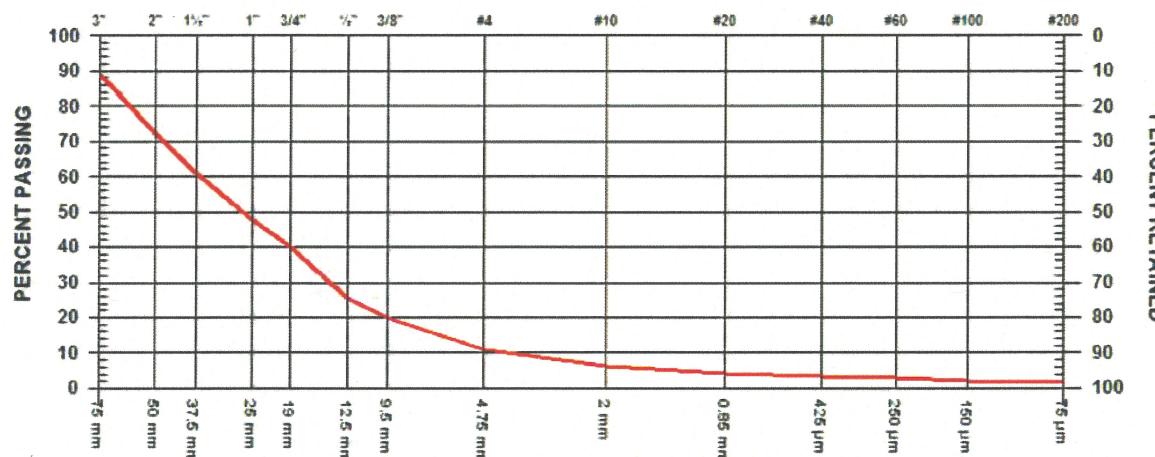
**PROJECT Mount Polley Construction Program
Stage 6B**

Mount Polley Mine Likely

CONTRACTOR

SIEVE TEST NO. 26 DATE RECEIVED 2010.Apr.28 DATE TESTED 2010.Apr.30 DATE SAMPLED 2010.Apr.27

SUPPLIER Client
SOURCE R-S6B-ZT-07-2010 TESTED BY DJ
SPECIFICATION TEST METHOD WASHED
MATERIAL TYPE Coarse Rock



| GRAVEL SIZES | | | PERCENT PASSING | GRADATION LIMITS |
|--------------|------|----|--------------------|---------------------|
| 3" | 75 | mm | 89.0 | |
| 2" | 50 | mm | 72.1 | |
| 1 1/2" | 37.5 | mm | 61.0 | |
| 1" | 25 | mm | 47.6 | |
| 3/4" | 19 | mm | 40.0 | |
| 1/2" | 12.5 | mm | 25.4 | |
| 3/8" | 9.5 | mm | 20.0 | |

| SAND SIZES AND FINES | PERCENT PASSING | GRADATION LIMITS |
|------------------------------|-----------------|------------------|
| No. 4 4.75 mm | 11.2 | |
| No. 10 2.00 mm | 6.4 | |
| No. 20 850 μm | 4.4 | |
| No. 40 425 μm | 3.5 | |
| No. 60 250 μm | 2.8 | |
| No. 100 150 μm | 2.3 | |
| No. 200 75 μm | 1.7 | |

COMMENTS

100% passing the 4"



APPENDIX B

NUCLEAR DENSOMETER RESULTS –
ZONE S RECORD

(Pages B-1 to B-9)

| FIELD COMPACTION TESTS (Metric) NUCLEAR GAUGE | | | | | | | | | PROJECT NO.: | 101-01/29 | |
|--|-------------|---------------|------|----------------|--------------------------|----------------------|---------------------|----------------------|----------------|------------------------------|--------------|
| | | | | | | | | | DATE: | February to August 2010 | |
| TEST NO. | Location | Elevation (m) | Zone | Test Depth (m) | Max. Dry Density (kg/m³) | Optimum Moisture (%) | Dry Density (kg/m³) | Moisture Content (%) | Compaction (%) | Compaction Specification (%) | Pass or Fail |
| 1 | SE 6+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2093 | 9.17 | 100.6 | 95.0 | Pass |
| 2 | SE 7+25 | 954.3 | S | 0.2 | 2080 | 9.0 | 2087 | 8.97 | 100.3 | 95.0 | Pass |
| 3 | SE7+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2123 | 9.20 | 102.1 | 95.0 | Pass |
| 4 | SE 8+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2030 | 9.46 | 97.6 | 95.0 | Pass |
| 5 | SE7+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2125 | 7.95 | 102.2 | 95.0 | Pass |
| 6 | SE8+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2073 | 8.96 | 99.7 | 95.0 | Pass |
| 7 | SE8+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2044 | 10.15 | 98.3 | 95.0 | Pass |
| 8 | SE9+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2031 | 10.15 | 97.6 | 95.0 | Pass |
| 9 | SE9+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2063 | 8.91 | 99.2 | 95.0 | Pass |
| 10 | SE10+75 | 954.3 | S | 0.2 | 2080 | 9.0 | 2077 | 9.95 | 99.9 | 95.0 | Pass |
| 11 | SE11+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2049 | 10.31 | 98.5 | 95.0 | Pass |
| 12 | SE12+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2029 | 10.08 | 97.5 | 95.0 | Pass |
| 13 | SE12+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 1985 | 9.92 | 95.4 | 95.0 | Pass |
| 14 | SE12+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2043 | 9.66 | 98.2 | 95.0 | Pass |
| 15 | SE13+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2014 | 9.62 | 96.8 | 95.0 | Pass |
| 16 | SE11+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2033 | 9.93 | 97.7 | 95.0 | Pass |
| 17 | SE12+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 1978 | 11.02 | 95.1 | 95.0 | Pass |
| 18 | SE12+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2124 | 8.17 | 102.1 | 95.0 | Pass |
| 19 | SE11+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2024 | 9.89 | 97.3 | 95.0 | Pass |
| 20 | SE12+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2038 | 10.85 | 98.0 | 95.0 | Pass |
| 21 | SE13+40 | 954.6 | S | 0.2 | 2080 | 9.0 | 2098 | 8.65 | 100.9 | 95.0 | Pass |
| 22 | SE14+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2062 | 9.21 | 99.1 | 95.0 | Pass |
| 23 | SE15+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2085 | 9.50 | 100.2 | 95.0 | Pass |
| 24 | SE13+75 | 954.9 | S | 0.2 | 2080 | 9.0 | 2009 | 10.04 | 96.6 | 95.0 | Pass |
| 25 | SE Abutment | 955.0 | S | 0.2 | 2080 | 9.0 | 2075 | 9.43 | 99.8 | 95.0 | Pass |
| 26 | SE Abutment | 954.3 | S | 0.2 | 2080 | 9.0 | 2077 | 9.38 | 99.9 | 95.0 | Pass |
| 27 | SE15+00 | 954.8 | S | 0.2 | 2080 | 9.0 | 2049 | 9.22 | 98.5 | 95.0 | Pass |
| 28 | SE14+50 | 954.9 | S | 0.2 | 2080 | 9.0 | 2031 | 9.04 | 97.6 | 95.0 | Pass |
| 29 | SE14+00 | 954.9 | S | 0.2 | 2080 | 9.0 | 2078 | 9.86 | 99.9 | 95.0 | Pass |
| 30 | SE Abutment | 954.8 | S | 0.2 | 2080 | 9.0 | 2073 | 9.46 | 99.7 | 95.0 | Pass |
| 31 | PE44+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2084 | 9.88 | 100.2 | 95.0 | Pass |
| 32 | PE44+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2084 | 9.88 | 100.2 | 95.0 | Pass |
| 33 | PE43+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2028 | 9.89 | 97.5 | 95.0 | Pass |
| 34 | PE42+25 | 954.3 | S | 0.2 | 2080 | 9.0 | 2040 | 8.71 | 98.1 | 95.0 | Pass |
| 35 | PE41+75 | 954.3 | S | 0.2 | 2080 | 9.0 | 2133 | 8.61 | 102.5 | 95.0 | Pass |
| 36 | PE42+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2013 | 9.70 | 96.8 | 95.0 | Pass |
| 37 | PE42+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2097 | 9.65 | 100.8 | 95.0 | Pass |
| 38 | PE41+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2212 | 7.85 | 106.3 | 95.0 | Pass |
| 39 | PE40+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2063 | 9.83 | 99.2 | 95.0 | Pass |
| 40 | PE41+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2094 | 8.93 | 100.7 | 95.0 | Pass |
| 41 | PE41+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2018 | 8.24 | 97.0 | 95.0 | Pass |
| 42 | PE40+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2049 | 9.93 | 98.5 | 95.0 | Pass |
| 43 | PE39+25 | 954.3 | S | 0.2 | 2080 | 9.0 | 2108 | 9.71 | 101.3 | 95.0 | Pass |
| 44 | PE39+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2035 | 12.51 | 97.8 | 95.0 | Pass |
| 45 | PE38+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2006 | 12.14 | 96.4 | 95.0 | Pass |
| 46 | PE38+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2008 | 12.01 | 96.5 | 95.0 | Pass |
| 47 | PE38+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 1971 | 12.01 | 94.8 | 95.0 | Fail |
| 48 | PE39+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2004 | 11.83 | 96.3 | 95.0 | Pass |
| 49 | PE44+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2105 | 10.04 | 101.2 | 95.0 | Pass |
| 50 | PE44+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2090 | 9.39 | 100.5 | 95.0 | Pass |
| 51 | PE44+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2060 | 9.34 | 99.0 | 95.0 | Pass |
| 52 | PE45+55 | 954.6 | S | 0.2 | 2080 | 9.0 | 1997 | 10.20 | 96.0 | 95.0 | Pass |
| 53 | PE44+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2087 | 8.50 | 100.3 | 95.0 | Pass |
| 54 | PE44+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2039 | 9.48 | 98.0 | 95.0 | Pass |
| 55 | PE44+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2138 | 8.44 | 102.8 | 95.0 | Pass |
| 56 | PE44+25 | 954.9 | S | 0.2 | 2080 | 9.0 | 2101 | 9.77 | 101.0 | 95.0 | Pass |
| 57 | PE45+10 | 955.5 | S | 0.2 | 2080 | 9.0 | 2070 | 9.30 | 99.5 | 95.0 | Pass |
| 58 | PE45+45 | 954.3 | S | 0.2 | 2080 | 9.0 | 2140 | 8.19 | 102.9 | 95.0 | Pass |
| 59 | PE46+10 | 954.3 | S | 0.2 | 2080 | 9.0 | 2101 | 9.71 | 101.0 | 95.0 | Pass |
| 60 | PE46+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2136 | 9.36 | 102.7 | 95.0 | Pass |
| 61 | PE46+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2032 | 11.41 | 97.7 | 95.0 | Pass |
| 62 | PE46+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2034 | 9.83 | 97.8 | 95.0 | Pass |
| 63 | PE45+20 | 955.2 | S | 0.2 | 2080 | 9.0 | 2086 | 9.91 | 100.3 | 95.0 | Pass |
| 64 | PE44+75 | 955.2 | S | 0.2 | 2080 | 9.0 | 2127 | 8.67 | 102.3 | 95.0 | Pass |
| 65 | PE47+10 | 954.0 | S | 0.2 | 2080 | 9.0 | 2109 | 8.69 | 101.4 | 95.0 | Pass |
| 66 | PE46+90 | 954.3 | S | 0.2 | 2080 | 9.0 | 2163 | 8.24 | 104.0 | 95.0 | Pass |
| 67 | PE47+20 | 954.3 | S | 0.2 | 2080 | 9.0 | 2073 | 8.73 | 99.7 | 95.0 | Pass |
| 68 | PE47+50 | 955.1 | S | 0.2 | 2080 | 9.0 | 2169 | 8.41 | 104.3 | 95.0 | Pass |
| 69 | PE37+75 | 954.0 | S | 0.2 | 2080 | 9.0 | 2112 | 11.19 | 101.5 | 95.0 | Pass |
| 70 | PE38+25 | 954.0 | S | 0.2 | 2080 | 9.0 | 2033 | 11.05 | 97.7 | 95.0 | Pass |
| 71 | PE39+50 | 954.0 | S | 0.2 | 2080 | 9.0 | 2009 | 11.43 | 96.6 | 95.0 | Pass |
| 72 | PE39+40 | 954.0 | S | 0.2 | 2080 | 9.0 | 1929 | 12.70 | 92.7 | 95.0 | Fail |
| 73 | PE40+15 | 954.0 | S | 0.2 | 2080 | 9.0 | 2160 | 8.08 | 103.8 | 95.0 | Pass |
| 74 | PE40+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2131 | 8.66 | 102.5 | 95.0 | Pass |

| | | | | | | | | | | | |
|-----|---------|-------|---|-----|------|-----|------|-------|-------|------|------|
| 75 | PE35+50 | 954.0 | S | 0.2 | 2080 | 9.0 | 2118 | 8.39 | 101.8 | 95.0 | Pass |
| 76 | PE36+00 | 954.0 | S | 0.2 | 2080 | 9.0 | 2084 | 10.11 | 100.2 | 95.0 | Pass |
| 77 | PE35+00 | 954.0 | S | 0.2 | 2080 | 9.0 | 2630 | 5.68 | 126.4 | 95.0 | Pass |
| 78 | PE36+00 | 954.0 | S | 0.2 | 2080 | 9.0 | 2535 | 7.98 | 121.9 | 95.0 | Pass |
| 79 | PE36+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2065 | 8.54 | 99.3 | 95.0 | Pass |
| 80 | PE34+50 | 954.0 | S | 0.2 | 2080 | 9.0 | 2083 | 8.67 | 100.1 | 95.0 | Pass |
| 81 | PE36+25 | 954.3 | S | 0.2 | 2080 | 9.0 | 2093 | 8.78 | 100.6 | 95.0 | Pass |
| 82 | PE35+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2480 | 7.33 | 119.2 | 95.0 | Pass |
| 83 | PE34+40 | 954.3 | S | 0.2 | 2080 | 9.0 | 2464 | 8.19 | 118.5 | 95.0 | Pass |
| 84 | PE34+00 | 954.0 | S | 0.2 | 2080 | 9.0 | 1979 | 8.72 | 95.1 | 95.0 | Pass |
| 85 | PE33+70 | 954.0 | S | 0.2 | 2080 | 9.0 | 2541 | 7.64 | 122.2 | 95.0 | Pass |
| 86 | PE33+25 | 954.0 | S | 0.2 | 2080 | 9.0 | 2003 | 10.71 | 96.3 | 95.0 | Pass |
| 87 | PE32+50 | 954.0 | S | 0.2 | 2080 | 9.0 | 2492 | 7.75 | 119.8 | 95.0 | Pass |
| 88 | | | | | | | | | | | |
| 89 | PE33+00 | 954.0 | S | 0.2 | 2080 | 9.0 | 2108 | 9.06 | 101.3 | 95.0 | Pass |
| 90 | PE34+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2039 | 9.56 | 98.0 | 95.0 | Pass |
| 91 | PE33+25 | 954.3 | S | 0.2 | 2080 | 9.0 | 2033 | 9.41 | 97.7 | 95.0 | Pass |
| 92 | PE34+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 1996 | 8.99 | 96.0 | 95.0 | Pass |
| 93 | PE32+75 | 954.0 | S | 0.2 | 2080 | 9.0 | 2027 | 9.92 | 97.5 | 95.0 | Pass |
| 94 | PE42+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2055 | 9.07 | 98.8 | 95.0 | Pass |
| 95 | PE42+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2141 | 9.23 | 102.9 | 95.0 | Pass |
| 96 | PE41+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2287 | 5.51 | 110.0 | 95.0 | Pass |
| 97 | PE40+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2073 | 8.74 | 99.7 | 95.0 | Pass |
| 98 | | | | | | | | | | | |
| 99 | PE40+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2242 | 8.34 | 107.8 | 95.0 | Pass |
| 100 | PE39+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 1825 | 10.03 | 87.7 | 95.0 | Fail |
| 101 | PE38+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2207 | 7.83 | 106.1 | 95.0 | Pass |
| 102 | PE38+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2077 | 10.60 | 99.9 | 95.0 | Pass |
| 103 | PE37+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2058 | 8.88 | 98.9 | 95.0 | Pass |
| 104 | PE37+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2137 | 9.02 | 102.7 | 95.0 | Pass |
| 105 | PE37+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2671 | 7.34 | 128.4 | 95.0 | Pass |
| 106 | PE39+25 | 954.6 | S | 0.2 | 2080 | 9.0 | 2433 | 8.08 | 117.0 | 95.0 | Pass |
| 107 | PE40+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2426 | 7.91 | 116.6 | 95.0 | Pass |
| 108 | PE34+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2270 | 7.08 | 109.1 | 95.0 | Pass |
| 109 | PE33+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2439 | 7.66 | 117.3 | 95.0 | Pass |
| 110 | PE32+75 | 954.6 | S | 0.2 | 2080 | 9.0 | 2020 | 9.02 | 97.1 | 95.0 | Pass |
| 111 | PE32+25 | 954.3 | S | 0.2 | 2080 | 9.0 | 2160 | 8.56 | 103.8 | 95.0 | Pass |
| 112 | PE31+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2125 | 8.84 | 102.2 | 95.0 | Pass |
| 113 | PE31+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2176 | 9.08 | 104.6 | 95.0 | Pass |
| 114 | PE30+75 | 954.3 | S | 0.2 | 2080 | 9.0 | 2123 | 9.43 | 102.1 | 95.0 | Pass |
| 115 | PE30+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2138 | 9.07 | 102.8 | 95.0 | Pass |
| 116 | PE30+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2130 | 8.93 | 102.4 | 95.0 | Pass |
| 117 | PE30+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2085 | 8.90 | 100.2 | 95.0 | Pass |
| 118 | PE31+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2093 | 8.77 | 100.6 | 95.0 | Pass |
| 119 | PE31+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2120 | 8.92 | 101.9 | 95.0 | Pass |
| 120 | PE29+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2093 | 8.23 | 100.6 | 95.0 | Pass |
| 121 | PE29+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2133 | 8.51 | 102.5 | 95.0 | Pass |
| 122 | ME18+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2192 | 6.73 | 105.4 | 95.0 | Pass |
| 123 | ME19+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2144 | 8.23 | 103.1 | 95.0 | Pass |
| 124 | ME17+75 | 954.3 | S | 0.2 | 2080 | 9.0 | 2135 | 9.69 | 102.6 | 95.0 | Pass |
| 125 | ME17+00 | 954.3 | S | 0.2 | 2080 | 9.0 | 2113 | 10.20 | 101.6 | 95.0 | Pass |
| 126 | ME16+50 | 954.3 | S | 0.2 | 2080 | 9.0 | 2139 | 9.26 | 102.8 | 95.0 | Pass |
| 127 | ME19+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2059 | 8.16 | 99.0 | 95.0 | Pass |
| 128 | ME18+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2123 | 8.67 | 102.1 | 95.0 | Pass |
| 129 | ME18+00 | 954.6 | S | 0.2 | 2080 | 9.0 | 2137 | 8.53 | 102.7 | 95.0 | Pass |
| 130 | ME17+50 | 954.6 | S | 0.2 | 2080 | 9.0 | 2146 | 9.02 | 103.2 | 95.0 | Pass |
| 131 | ME 1625 | 954.3 | S | 0.2 | 2080 | 9.0 | 2190 | 8.01 | 105.3 | 95.0 | Pass |
| 132 | ME1550 | 954.6 | S | 0.2 | 2080 | 9.0 | 2160 | 8.43 | 103.8 | 95.0 | Pass |
| 133 | ME1595 | 954.6 | S | 0.2 | 2080 | 9.0 | 2198 | 8.01 | 105.7 | 95.0 | Pass |
| 134 | ME 1950 | 954.3 | S | 0.2 | 2080 | 9.0 | 2174 | 7.33 | 104.5 | 95.0 | Pass |
| 135 | ME 1995 | 954.3 | S | 0.2 | 2080 | 9.0 | 2235 | 8.56 | 107.5 | 95.0 | Pass |
| 136 | ME 1995 | 945.6 | S | 0.2 | 2080 | 9.0 | 2010 | 10.01 | 96.6 | 95.0 | Pass |
| 137 | ME 2100 | 954.3 | S | 0.2 | 2080 | 9.0 | 2130 | 9.01 | 102.4 | 95.0 | Pass |
| 138 | ME 2150 | 954.3 | S | 0.2 | 2080 | 9.0 | 2132 | 8.70 | 102.5 | 95.0 | Pass |
| 139 | ME 2075 | 954.3 | S | 0.2 | 2080 | 9.0 | 2140 | 9.90 | 102.9 | 95.0 | Pass |
| 140 | ME 2150 | 954.6 | S | 0.2 | 2080 | 9.0 | 2150 | 9.17 | 103.4 | 95.0 | Pass |
| 141 | ME 2400 | 954.3 | S | 0.2 | 2080 | 9.0 | 2136 | 8.61 | 102.7 | 95.0 | Pass |
| 142 | ME 2475 | 954.6 | S | 0.2 | 2080 | 9.0 | 2186 | 8.61 | 105.1 | 95.0 | Pass |
| 143 | ME 2175 | 954.3 | S | 0.2 | 2080 | 9.0 | 2204 | 8.21 | 106.0 | 95.0 | Pass |
| 144 | ME 2275 | 954.6 | S | 0.2 | 2080 | 9.0 | 2069 | 8.86 | 99.5 | 95.0 | Pass |
| 145 | ME 2150 | 954.6 | S | 0.2 | 2080 | 9.0 | 2154 | 7.45 | 103.6 | 95.0 | Pass |
| 146 | ME 2450 | 954.6 | S | 0.2 | 2080 | 9.0 | 2116 | 9.23 | 101.7 | 95.0 | Pass |
| 147 | ME 2650 | 954.3 | S | 0.2 | 2080 | 9.0 | 2022 | 9.05 | 97.2 | 95.0 | Pass |
| 148 | ME 2700 | 954.3 | S | 0.2 | 2080 | 9.0 | 2094 | 9.15 | 100.7 | 95.0 | Pass |
| 149 | ME 2575 | 954.9 | S | 0.2 | 2080 | 9.0 | 2169 | 9.46 | 104.3 | 95.0 | Pass |
| 150 | ME 2875 | 954.6 | S | 0.2 | 2080 | 9.0 | 2102 | 9.70 | 101.1 | 95.0 | Pass |
| 151 | ME 2500 | 954.6 | S | 0.2 | 2080 | 9.0 | 2119 | 10.63 | 101.9 | 95.0 | Pass |
| 152 | ME2700 | 954.9 | S | 0.2 | 2080 | 9.0 | 2081 | 9.83 | 100.0 | 95.0 | Pass |
| 153 | ME 1925 | 954.9 | S | 0.2 | 2080 | 9.0 | 2056 | 10.95 | 98.8 | 95.0 | Pass |
| 154 | ME 1800 | 954.9 | S | 0.2 | 2080 | 9.0 | 2091 | 10.06 | 100.5 | 95.0 | Pass |
| 155 | ME1725 | 954.9 | S | 0.2 | 2080 | 9.0 | 2150 | 10.48 | 103.4 | 95.0 | Pass |
| 156 | ME 1675 | 954.9 | S | 0.2 | 2080 | 9.0 | 2120 | 10.42 | 101.9 | 95.0 | Pass |
| 157 | ME 2400 | 955.2 | S | 0.2 | 2080 | 9.0 | 2094 | 10.75 | 100.7 | 95.0 | Pass |

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|-----|-------------|-------|---|-----|------|-----|------|-------|-------|------|------|
| 158 | ME2200 | 955.2 | S | 0.2 | 2080 | 9.0 | 2007 | 10.45 | 96.5 | 95.0 | Pass |
| 159 | ME 1675 | 955.2 | S | 0.2 | 2080 | 9.0 | 2076 | 10.03 | 99.8 | 95.0 | Pass |
| 160 | ME 2725 | 954.9 | S | 0.2 | 2080 | 9.0 | 2014 | 10.61 | 96.8 | 95.0 | Pass |
| 161 | ME 2650 | 954.9 | S | 0.2 | 2080 | 9.0 | 2034 | 10.84 | 97.8 | 95.0 | Pass |
| 162 | ME 2600 | 955.2 | S | 0.2 | 2080 | 9.0 | 1999 | 11.74 | 96.1 | 95.0 | Pass |
| 163 | ME2475 | 955.2 | S | 0.2 | 2080 | 9.0 | 2048 | 11.22 | 98.5 | 95.0 | Pass |
| 164 | ME2525 | 955.2 | S | 0.2 | 2080 | 9.0 | 2054 | 11.51 | 98.8 | 95.0 | Pass |
| 165 | ME2450 | 955.2 | S | 0.2 | 2080 | 9.0 | 2101 | 9.90 | 101.0 | 95.0 | Pass |
| 166 | ME2175 | 955.2 | S | 0.2 | 2080 | 9.0 | 2153 | 10.83 | 103.5 | 95.0 | Pass |
| 167 | ME2075 | 955.2 | S | 0.2 | 2080 | 9.0 | 2069 | 10.41 | 99.5 | 95.0 | Pass |
| 168 | ME 2125 | 955.2 | S | 0.2 | 2080 | 9.0 | 2005 | 11.83 | 96.4 | 95.0 | Pass |
| 169 | ME 2000 | 955.2 | S | 0.2 | 2080 | 9.0 | 2085 | 10.18 | 100.2 | 95.0 | Pass |
| 170 | ME 2000 | 955.2 | S | 0.2 | 2080 | 9.0 | 2077 | 10.47 | 99.9 | 95.0 | Pass |
| 171 | ME 1950 | 955.2 | S | 0.2 | 2080 | 9.0 | 2079 | 10.00 | 100.0 | 95.0 | Pass |
| 172 | ME 1800 | 955.2 | S | 0.2 | 2080 | 9.0 | 2077 | 9.83 | 99.9 | 95.0 | Pass |
| 173 | ME 1750 | 955.2 | S | 0.2 | 2080 | 9.0 | 2045 | 10.68 | 98.3 | 95.0 | Pass |
| 174 | ME 1750 | 955.2 | S | 0.2 | 2080 | 9.0 | 2131 | 9.88 | 102.5 | 95.0 | Pass |
| 175 | ME1600 | 955.5 | S | 0.2 | 2080 | 9.0 | 2089 | 9.94 | 100.4 | 95.0 | Pass |
| 176 | ME1650 | 955.5 | S | 0.2 | 2080 | 9.0 | 2092 | 9.69 | 100.6 | 95.0 | Pass |
| 177 | ME1700 | 955.5 | S | 0.2 | 2080 | 9.0 | 2072 | 10.75 | 99.6 | 95.0 | Pass |
| 178 | PE4025 | 954.8 | S | 0.2 | 2080 | 9.0 | 2131 | 9.53 | 102.5 | 95.0 | Pass |
| 179 | PE4075 | 954.8 | S | 0.2 | 2080 | 9.0 | 2092 | 9.40 | 100.6 | 95.0 | Pass |
| 180 | PE4125 | 954.8 | S | 0.2 | 2080 | 9.0 | 2124 | 9.88 | 102.1 | 95.0 | Pass |
| 181 | PE4175 | 954.8 | S | 0.2 | 2080 | 9.0 | 2098 | 10.82 | 100.9 | 95.0 | Pass |
| 182 | PE4350 | 954.8 | S | 0.2 | 2080 | 9.0 | 2096 | 10.55 | 100.8 | 95.0 | Pass |
| 183 | PE4300 | 954.8 | S | 0.2 | 2080 | 9.0 | 2113 | 9.66 | 101.6 | 95.0 | Pass |
| 184 | PE4050 | 955.2 | S | 0.2 | 2080 | 9.0 | 2119 | 9.93 | 101.9 | 95.0 | Pass |
| 185 | PE4100 | 955.2 | S | 0.2 | 2080 | 9.0 | 2043 | 10.18 | 98.2 | 95.0 | Pass |
| 186 | PE4150 | 955.2 | S | 0.2 | 2080 | 9.0 | 2173 | 9.52 | 104.5 | 95.0 | Pass |
| 187 | PE4200 | 955.2 | S | 0.2 | 2080 | 9.0 | 2147 | 8.87 | 103.2 | 95.0 | Pass |
| 188 | ME2750 | 955.2 | S | 0.2 | 2080 | 9.0 | 2140 | 9.53 | 102.9 | 95.0 | Pass |
| 189 | ME2625 | 955.5 | S | 0.2 | 2080 | 9.0 | 2120 | 9.62 | 101.9 | 95.0 | Pass |
| 190 | ME2675 | 955.5 | S | 0.2 | 2080 | 9.0 | 2185 | 8.86 | 105.0 | 95.0 | Pass |
| 191 | ME2725 | 955.5 | S | 0.2 | 2080 | 9.0 | 2202 | 8.55 | 105.9 | 95.0 | Pass |
| 192 | PE2800 | 954.9 | S | 0.2 | 2080 | 9.0 | 2131 | 9.86 | 102.5 | 95.0 | Pass |
| 193 | PE2850 | 954.9 | S | 0.2 | 2080 | 9.0 | 2125 | 10.49 | 102.2 | 95.0 | Pass |
| 194 | PE2900 | 954.9 | S | 0.2 | 2080 | 9.0 | 2172 | 9.29 | 104.4 | 95.0 | Pass |
| 195 | PE2950 | 954.9 | S | 0.2 | 2080 | 9.0 | 2163 | 9.65 | 104.0 | 95.0 | Pass |
| 196 | PE3000 | 954.9 | S | 0.2 | 2080 | 9.0 | 2131 | 9.47 | 102.5 | 95.0 | Pass |
| 197 | PE3050 | 954.9 | S | 0.2 | 2080 | 9.0 | 2116 | 9.19 | 101.7 | 95.0 | Pass |
| 198 | PE3100 | 954.9 | S | 0.2 | 2080 | 9.0 | 2131 | 10.28 | 102.5 | 95.0 | Pass |
| 199 | PE3150 | 954.9 | S | 0.2 | 2080 | 9.0 | 2060 | 10.74 | 99.0 | 95.0 | Pass |
| 200 | PE3200 | 954.9 | S | 0.2 | 2080 | 9.0 | 2199 | 8.99 | 105.7 | 95.0 | Pass |
| 201 | PE3250 | 954.9 | S | 0.2 | 2080 | 9.0 | 2102 | 10.73 | 101.1 | 95.0 | Pass |
| 202 | PE3300 | 954.9 | S | 0.2 | 2080 | 9.0 | 2166 | 11.10 | 104.1 | 95.0 | Pass |
| 203 | PE2068 | 954.9 | S | 0.2 | 2080 | 9.0 | 2068 | 11.40 | 99.4 | 95.0 | Pass |
| 204 | PE3400 | 954.9 | S | 0.2 | 2080 | 9.0 | 2187 | 9.31 | 105.1 | 95.0 | Pass |
| 205 | PE3450 | 954.9 | S | 0.2 | 2080 | 9.0 | 2061 | 11.07 | 99.1 | 95.0 | Pass |
| 206 | PE3500 | 954.9 | S | 0.2 | 2080 | 9.0 | 2157 | 9.94 | 103.7 | 95.0 | Pass |
| 207 | PE3550 | 954.9 | S | 0.2 | 2080 | 9.0 | 2150 | 9.99 | 103.4 | 95.0 | Pass |
| 208 | PE3600 | 954.9 | S | 0.2 | 2080 | 9.0 | 2132 | 10.24 | 102.5 | 95.0 | Pass |
| 209 | PE3650 | 954.9 | S | 0.2 | 2080 | 9.0 | 2116 | 10.26 | 101.7 | 95.0 | Pass |
| 210 | PE3700 | 954.9 | S | 0.2 | 2080 | 9.0 | 2106 | 10.50 | 101.3 | 95.0 | Pass |
| 211 | PE3750 | 954.9 | S | 0.2 | 2080 | 9.0 | 2112 | 10.01 | 101.5 | 95.0 | Pass |
| 212 | PE3800 | 954.9 | S | 0.2 | 2080 | 9.0 | 2094 | 10.90 | 100.7 | 95.0 | Pass |
| 213 | PE3850 | 955.2 | S | 0.2 | 2080 | 9.0 | 2170 | 9.94 | 104.3 | 95.0 | Pass |
| 214 | PE3900 | 955.2 | S | 0.2 | 2080 | 9.0 | 2154 | 9.56 | 103.6 | 95.0 | Pass |
| 215 | PE2775 | 955.2 | S | 0.2 | 2080 | 9.0 | 2159 | 8.89 | 103.8 | 95.0 | Pass |
| 216 | PE2825 | 955.2 | S | 0.2 | 2080 | 9.0 | 2113 | 10.16 | 101.6 | 95.0 | Pass |
| 217 | PE 2875 | 955.2 | S | 0.2 | 2080 | 9.0 | 2096 | 9.97 | 100.8 | 95.0 | Pass |
| 218 | PE2925 | 955.2 | S | 0.2 | 2080 | 9.0 | 2101 | 9.98 | 101.0 | 95.0 | Pass |
| 219 | PE 2975 | 955.2 | S | 0.2 | 2080 | 9.0 | 2077 | 9.90 | 99.9 | 95.0 | Pass |
| 220 | PE 2325 | 955.2 | S | 0.2 | 2080 | 9.0 | 2199 | 8.05 | 105.7 | 95.0 | Pass |
| 221 | PE 3075 | 955.2 | S | 0.2 | 2080 | 9.0 | 2232 | 8.08 | 107.3 | 95.0 | Pass |
| 222 | PE 3125 | 955.2 | S | 0.2 | 2080 | 9.0 | 2271 | 6.58 | 109.2 | 95.0 | Pass |
| 223 | PE 3175 | 955.2 | S | 0.2 | 2080 | 9.0 | 2220 | 7.42 | 106.7 | 95.0 | Pass |
| 224 | PE 3225 | 955.2 | S | 0.2 | 2080 | 9.0 | 2222 | 6.65 | 106.8 | 95.0 | Pass |
| 225 | PE3275 | 955.2 | S | 0.2 | 2080 | 9.0 | 2158 | 8.27 | 103.8 | 95.0 | Pass |
| 226 | PE3325 | 955.2 | S | 0.2 | 2080 | 9.0 | 2148 | 9.46 | 103.3 | 95.0 | Pass |
| 227 | PE3375 | 955.2 | S | 0.2 | 2080 | 9.0 | 2103 | 10.11 | 101.1 | 95.0 | Pass |
| 228 | PE3425 | 955.2 | S | 0.2 | 2080 | 9.0 | 2127 | 9.81 | 102.3 | 95.0 | Pass |
| 229 | PE3475 | 955.2 | S | 0.2 | 2080 | 9.0 | 2121 | 9.15 | 102.0 | 95.0 | Pass |
| 230 | PE3525 | 955.2 | S | 0.2 | 2080 | 9.0 | 2173 | 8.47 | 104.5 | 95.0 | Pass |
| 231 | PE3575 | 955.2 | S | 0.2 | 2080 | 9.0 | 2096 | 9.27 | 100.8 | 95.0 | Pass |
| 232 | PE3625 | 955.2 | S | 0.2 | 2080 | 9.0 | 2190 | 9.11 | 105.3 | 95.0 | Pass |
| 233 | PE3675 | 955.2 | S | 0.2 | 2080 | 9.0 | 2178 | 8.84 | 104.7 | 95.0 | Pass |
| 234 | PE3725 | 955.2 | S | 0.2 | 2080 | 9.0 | 2120 | 9.61 | 101.9 | 95.0 | Pass |
| 235 | PE Abutment | 958 | S | 0.2 | 2080 | 9.0 | 2152 | 7.84 | 103.5 | 95.0 | Pass |
| 236 | PE Abutment | 956 | S | 0.2 | 2080 | 9.0 | 2124 | 8.23 | 102.1 | 95.0 | Pass |
| 237 | PE3775 | 955.5 | S | 0.2 | 2080 | 9.0 | 2199 | 7.37 | 105.7 | 95.0 | Pass |
| 238 | PE3825 | 955.2 | S | 0.2 | 2080 | 9.0 | 2192 | 8.88 | 105.4 | 95.0 | Pass |
| 239 | PE3875 | 955.5 | S | 0.2 | 2080 | 9.0 | 2134 | 6.93 | 102.6 | 95.0 | Pass |
| 240 | PE2800 | 955.5 | S | 0.2 | 2080 | 9.0 | 2207 | 7.38 | 106.1 | 95.0 | Pass |
| 241 | PE2850 | 955.5 | S | 0.2 | 2080 | 9.0 | 2137 | 7.16 | 102.7 | 95.0 | Pass |
| 242 | PE2900 | 955.5 | S | 0.2 | 2080 | 9.0 | 2253 | 6.53 | 108.3 | 95.0 | Pass |
| 243 | PE2950 | 955.5 | S | 0.2 | 2080 | 9.0 | 2068 | 10.47 | 99.4 | 95.0 | Pass |
| 244 | PE3000 | 955.5 | S | 0.2 | 2080 | 9.0 | 2190 | 8.31 | 105.3 | 95.0 | Pass |
| 245 | PE3050 | 955.5 | S | 0.2 | 2080 | 9.0 | 2115 | 8.87 | 101.7 | 95.0 | Pass |
| 246 | PE3100 | 955.5 | S | 0.2 | 2080 | 9.0 | 2036 | 11.03 | 97.9 | 95.0 | Pass |
| 247 | PE3150 | 955.5 | S | 0.2 | 2080 | 9.0 | 2172 | 9.62 | 104.4 | 95.0 | Pass |

| | | | | | | | | | | | |
|-----|--------|-------|---|-----|------|-----|------|-------|-------|------|------|
| 248 | PE3200 | 955.5 | S | 0.2 | 2080 | 9.0 | 1974 | 10.86 | 94.9 | 95.0 | Fail |
| 249 | PE3200 | 955.5 | S | 0.2 | 2080 | 9.0 | 2079 | 9.60 | 100.0 | 95.0 | Pass |
| 250 | PE3250 | 955.5 | S | 0.2 | 2080 | 9.0 | 2202 | 8.20 | 105.9 | 95.0 | Pass |
| 251 | PE3300 | 955.5 | S | 0.2 | 2080 | 9.0 | 2097 | 9.36 | 100.8 | 95.0 | Pass |
| 252 | PE3350 | 955.5 | S | 0.2 | 2080 | 9.0 | 2219 | 8.17 | 106.7 | 95.0 | Pass |
| 253 | PE3400 | 955.5 | S | 0.2 | 2080 | 9.0 | 2135 | 9.08 | 102.6 | 95.0 | Pass |
| 254 | PE3450 | 955.5 | S | 0.2 | 2080 | 9.0 | 2184 | 8.49 | 105.0 | 95.0 | Pass |
| 255 | PE3500 | 955.5 | S | 0.2 | 2080 | 9.0 | 2199 | 8.54 | 105.7 | 95.0 | Pass |
| 256 | PE3550 | 955.5 | S | 0.2 | 2080 | 9.0 | 2117 | 9.79 | 101.8 | 95.0 | Pass |
| 257 | PE3600 | 955.5 | S | 0.2 | 2080 | 9.0 | 2167 | 10.26 | 104.2 | 95.0 | Pass |
| 258 | PE3650 | 955.8 | S | 0.2 | 2080 | 9.0 | 2141 | 8.89 | 102.9 | 95.0 | Pass |
| 260 | PE3700 | 955.8 | S | 0.2 | 2080 | 9.0 | 2064 | 10.96 | 99.2 | 95.0 | Pass |
| 261 | PE3750 | 955.8 | S | 0.2 | 2080 | 9.0 | 2234 | 8.83 | 107.4 | 95.0 | Pass |
| 262 | PE3800 | 955.8 | S | 0.2 | 2080 | 9.0 | 2118 | 10.92 | 101.8 | 95.0 | Pass |
| 263 | PE3850 | 955.8 | S | 0.2 | 2080 | 9.0 | 2044 | 11.53 | 98.3 | 95.0 | Pass |
| 264 | PE4075 | 955.5 | S | 0.2 | 2080 | 9.0 | 2054 | 11.48 | 98.8 | 95.0 | Pass |
| 265 | PE4125 | 955.5 | S | 0.2 | 2080 | 9.0 | 2111 | 10.44 | 101.5 | 95.0 | Pass |
| 266 | PE4175 | 955.5 | S | 0.2 | 2080 | 9.0 | 2027 | 11.39 | 97.5 | 95.0 | Pass |
| 267 | PE4225 | 955.5 | S | 0.2 | 2080 | 9.0 | 2057 | 10.98 | 98.9 | 95.0 | Pass |
| 268 | PE4275 | 955.5 | S | 0.2 | 2080 | 9.0 | 2077 | 11.43 | 99.9 | 95.0 | Pass |
| 269 | PE4325 | 955.5 | S | 0.2 | 2080 | 9.0 | 2067 | 10.43 | 99.4 | 95.0 | Pass |
| 270 | PE4375 | 955.5 | S | 0.2 | 2080 | 9.0 | 2039 | 11.18 | 98.0 | 95.0 | Pass |
| 271 | PE2775 | 955.8 | S | 0.2 | 2080 | 9.0 | 2077 | 8.82 | 99.9 | 95.0 | Pass |
| 272 | PE2850 | 955.8 | S | 0.2 | 2080 | 9.0 | 2208 | 8.48 | 106.2 | 95.0 | Pass |
| 273 | PE2900 | 955.8 | S | 0.2 | 2080 | 9.0 | 2155 | 8.99 | 103.6 | 95.0 | Pass |
| 274 | PE2950 | 955.8 | S | 0.2 | 2080 | 9.0 | 2089 | 9.01 | 100.4 | 95.0 | Pass |
| 275 | PE3000 | 955.8 | S | 0.2 | 2080 | 9.0 | 2238 | 8.10 | 107.6 | 95.0 | Pass |
| 276 | PE3050 | 955.8 | S | 0.2 | 2080 | 9.0 | 2167 | 7.09 | 104.2 | 95.0 | Pass |
| 277 | PE3100 | 955.8 | S | 0.2 | 2080 | 9.0 | 2139 | 8.39 | 102.8 | 95.0 | Pass |
| 278 | PE4400 | 955.2 | S | 0.2 | 2080 | 9.0 | 2168 | 9.83 | 104.2 | 95.0 | Pass |
| 279 | PE4450 | 955.2 | S | 0.2 | 2080 | 9.0 | 2029 | 9.61 | 97.5 | 95.0 | Pass |
| 280 | PE3125 | 955.8 | S | 0.2 | 2080 | 9.0 | 2139 | 8.13 | 102.8 | 95.0 | Pass |
| 281 | PE3175 | 955.8 | S | 0.2 | 2080 | 9.0 | 2114 | 8.68 | 101.6 | 95.0 | Pass |
| 282 | PE3225 | 955.8 | S | 0.2 | 2080 | 9.0 | 2208 | 8.52 | 106.2 | 95.0 | Pass |
| 283 | PE3275 | 955.8 | S | 0.2 | 2080 | 9.0 | 2065 | 11.20 | 99.3 | 95.0 | Pass |
| 284 | PE3225 | 955.8 | S | 0.2 | 2080 | 9.0 | 2163 | 9.91 | 104.0 | 95.0 | Pass |
| 285 | PE3375 | 955.8 | S | 0.2 | 2080 | 9.0 | 2239 | 7.65 | 107.6 | 95.0 | Pass |
| 286 | PE3425 | 955.8 | S | 0.2 | 2080 | 9.0 | 2171 | 9.19 | 104.4 | 95.0 | Pass |
| 287 | PE3475 | 955.8 | S | 0.2 | 2080 | 9.0 | 2101 | 11.36 | 101.0 | 95.0 | Pass |
| 288 | PE3525 | 955.8 | S | 0.2 | 2080 | 9.0 | 2146 | 10.16 | 103.2 | 95.0 | Pass |
| 289 | PE3575 | 955.8 | S | 0.2 | 2080 | 9.0 | 2054 | 9.45 | 98.8 | 95.0 | Pass |
| 290 | PE3625 | 955.8 | S | 0.2 | 2080 | 9.0 | 2119 | 9.35 | 101.9 | 95.0 | Pass |
| 291 | PE3675 | 955.8 | S | 0.2 | 2080 | 9.0 | 2119 | 9.38 | 101.9 | 95.0 | Pass |
| 292 | PE3725 | 955.8 | S | 0.2 | 2080 | 9.0 | 2158 | 9.13 | 103.8 | 95.0 | Pass |
| 293 | PE3775 | 955.8 | S | 0.2 | 2080 | 9.0 | 2098 | 9.20 | 100.9 | 95.0 | Pass |
| 294 | PE3825 | 956.1 | S | 0.2 | 2080 | 9.0 | 2033 | 10.58 | 97.7 | 95.0 | Pass |
| 295 | PE3850 | 956.1 | S | 0.2 | 2080 | 9.0 | 2132 | 9.73 | 102.5 | 95.0 | Pass |
| 296 | PE3900 | 956.1 | S | 0.2 | 2080 | 9.0 | 2109 | 10.88 | 101.4 | 95.0 | Pass |
| 297 | PE4000 | 955.2 | S | 0.2 | 2080 | 9.0 | 2063 | 9.70 | 99.2 | 95.0 | Pass |
| 298 | PE4050 | 955.6 | S | 0.2 | 2080 | 9.0 | 2065 | 9.70 | 99.3 | 95.0 | Pass |
| 299 | PE4100 | 955.9 | S | 0.2 | 2080 | 9.0 | 2174 | 9.03 | 104.5 | 95.0 | Pass |
| 300 | PE4150 | 955.9 | S | 0.2 | 2080 | 9.0 | 2094 | 8.65 | 100.7 | 95.0 | Pass |
| 301 | PE4200 | 955.9 | S | 0.2 | 2080 | 9.0 | 2119 | 8.95 | 101.9 | 95.0 | Pass |
| 302 | PE4250 | 955.9 | S | 0.2 | 2080 | 9.0 | 2233 | 8.60 | 107.4 | 95.0 | Pass |
| 303 | PE4175 | 956.1 | S | 0.2 | 2080 | 9.0 | 2166 | 9.92 | 104.1 | 95.0 | Pass |
| 304 | PE4125 | 956.1 | S | 0.2 | 2080 | 9.0 | 2170 | 9.37 | 104.3 | 95.0 | Pass |
| 305 | PE4075 | 956.1 | S | 0.2 | 2080 | 9.0 | 2045 | 9.77 | 98.3 | 95.0 | Pass |
| 306 | PE4025 | 956.1 | S | 0.2 | 2080 | 9.0 | 2173 | 9.25 | 104.5 | 95.0 | Pass |
| 307 | PE4200 | 956.1 | S | 0.2 | 2080 | 9.0 | 2092 | 9.40 | 100.6 | 95.0 | Pass |
| 308 | PE4300 | 955.8 | S | 0.2 | 2080 | 9.0 | 2069 | 10.38 | 99.5 | 95.0 | Pass |
| 309 | PE4325 | 955.8 | S | 0.2 | 2080 | 9.0 | 2086 | 10.82 | 100.3 | 95.0 | Pass |
| 310 | PE4375 | 955.8 | S | 0.2 | 2080 | 9.0 | 2153 | 9.38 | 103.5 | 95.0 | Pass |
| 311 | PE4400 | 955.8 | S | 0.2 | 2080 | 9.0 | 2024 | 12.00 | 97.3 | 95.0 | Pass |
| 312 | PE4450 | 955.6 | S | 0.2 | 2080 | 9.0 | 2038 | 12.11 | 98.0 | 95.0 | Pass |
| 313 | ME2550 | 955.8 | S | 0.2 | 2080 | 9.0 | 2169 | 9.11 | 104.3 | 95.0 | Pass |
| 314 | ME2525 | 955.8 | S | 0.2 | 2080 | 9.0 | 2067 | 10.54 | 99.4 | 95.0 | Pass |
| 315 | ME2475 | 955.8 | S | 0.2 | 2080 | 9.0 | 2140 | 8.51 | 102.9 | 95.0 | Pass |
| 316 | ME2425 | 955.8 | S | 0.2 | 2080 | 9.0 | 2141 | 9.07 | 102.9 | 95.0 | Pass |
| 317 | ME2375 | 955.8 | S | 0.2 | 2080 | 9.0 | 2108 | 10.18 | 101.3 | 95.0 | Pass |
| 318 | ME2325 | 955.8 | S | 0.2 | 2080 | 9.0 | 2129 | 9.93 | 102.4 | 95.0 | Pass |
| 319 | ME2275 | 955.8 | S | 0.2 | 2080 | 9.0 | 2191 | 8.45 | 105.3 | 95.0 | Pass |
| 320 | ME2225 | 955.8 | S | 0.2 | 2080 | 9.0 | 2148 | 9.03 | 103.3 | 95.0 | Pass |
| 321 | ME2171 | 955.6 | S | 0.2 | 2080 | 9.0 | 2143 | 9.72 | 103.0 | 95.0 | Pass |
| 322 | ME2125 | 955.6 | S | 0.2 | 2080 | 9.0 | 2152 | 8.92 | 103.5 | 95.0 | Pass |
| 323 | ME2075 | 955.6 | S | 0.2 | 2080 | 9.0 | 2146 | 9.72 | 103.2 | 95.0 | Pass |
| 324 | ME2025 | 955.5 | S | 0.2 | 2080 | 9.0 | 2191 | 8.74 | 105.3 | 95.0 | Pass |
| 325 | PE4650 | 955.5 | S | 0.2 | 2080 | 9.0 | 2150 | 10.20 | 103.4 | 95.0 | Pass |
| 326 | PE4600 | 955.5 | S | 0.2 | 2080 | 9.0 | 2113 | 9.27 | 101.6 | 95.0 | Pass |
| 327 | PE4500 | 955.5 | S | 0.2 | 2080 | 9.0 | 2125 | 9.87 | 102.2 | 95.0 | Pass |
| 328 | PE4700 | 955.8 | S | 0.2 | 2080 | 9.0 | 2100 | 10.22 | 101.0 | 95.0 | Pass |
| 329 | PE4400 | 956.1 | S | 0.2 | 2080 | 9.0 | 2082 | 10.52 | 100.1 | 95.0 | Pass |
| 330 | PE4450 | 955.8 | S | 0.2 | 2080 | 9.0 | 2186 | 8.88 | 105.1 | 95.0 | Pass |
| 331 | PE4500 | 955.8 | S | 0.2 | 2080 | 9.0 | 2107 | 8.69 | 101.3 | 95.0 | Pass |
| 332 | PE4550 | 955.8 | S | 0.2 | 2080 | 9.0 | 2153 | 9.54 | 103.5 | 95.0 | Pass |
| 333 | PE4600 | 955.5 | S | 0.2 | 2080 | 9.0 | 2123 | 10.51 | 102.1 | 95.0 | Pass |
| 334 | PE4700 | 955.8 | S | 0.2 | 2080 | 9.0 | 2122 | 2.69 | 102.0 | 95.0 | Pass |
| 335 | PE4650 | 955.5 | S | 0.2 | 2080 | 9.0 | 2128 | 9.08 | 102.3 | 95.0 | Pass |
| 336 | PE4550 | 955.8 | S | 0.2 | 2080 | 9.0 | 2091 | 10.51 | 100.5 | 95.0 | Pass |
| 337 | PE4600 | 955.8 | S | 0.2 | 2080 | 9.0 | 2141 | 9.39 | 102.9 | 95.0 | Pass |
| 338 | PE4550 | 955.8 | S | 0.2 | 2080 | 9.0 | 2119 | 8.93 | 101.9 | 95.0 | Pass |
| 339 | ME1975 | 955.8 | S | 0.2 | 2080 | 9.0 | 2170 | 7.95 | 104.3 | 95.0 | Pass |
| 340 | ME1925 | 955.8 | S | 0.2 | 2080 | 9.0 | 2143 | 7.77 | 103.0 | 95.0 | Pass |
| 341 | ME1875 | 955.8 | S | 0.2 | 2080 | 9.0 | 2206 | 7.54 | 106.1 | 95.0 | Pass |
| 342 | ME1825 | 955.9 | S | 0.2 | 2080 | 9.0 | 2170 | 8.22 | 104.3 | 95.0 | Pass |
| 343 | ME1775 | 955.8 | S | 0.2 | 2080 | 9.0 | 2181 | 8.02 | 104.9 | 95.0 | Pass |
| 344 | ME1725 | 955.8 | S | 0.2 | 2080 | 9.0 | 2196 | 7.97 | 105.6 | 95.0 | Pass |
| 345 | ME1675 | 955.8 | S | 0.2 | 2080 | 9.0 | 2142 | 8.62 | 103.0 | 95.0 | Pass |
| 346 | ME1625 | 955.8 | S | 0.2 | 2080 | 9.0 | 2143 | 8.05 | 103.0 | 95.0 | Pass |
| 347 | ME1575 | 955.5 | S | 0.2 | 2080 | 9.0 | 2130 | 8.24 | 102.4 | 95.0 | Pass |

| | | | | | | | | | | | |
|-----|---------|-------|---|-----|------|-----|------|-------|-------|------|------|
| 348 | ME2550 | 956.1 | S | 0.2 | 2080 | 9.0 | 2097 | 7.64 | 100.8 | 95.0 | Pass |
| 349 | ME2500 | 956.1 | S | 0.2 | 2080 | 9.0 | 2180 | 7.88 | 104.8 | 95.0 | Pass |
| 350 | ME2450 | 956.1 | S | 0.2 | 2080 | 9.0 | 2180 | 7.41 | 104.8 | 95.0 | Pass |
| 351 | ME2400 | 956.1 | S | 0.2 | 2080 | 9.0 | 2177 | 8.15 | 104.7 | 95.0 | Pass |
| 352 | ME2350 | 956.1 | S | 0.2 | 2080 | 9.0 | 2026 | 8.66 | 97.4 | 95.0 | Pass |
| 353 | ME2300 | 955.8 | S | 0.2 | 2080 | 9.0 | 2174 | 8.55 | 104.5 | 95.0 | Pass |
| 354 | ME2250 | 955.8 | S | 0.2 | 2080 | 9.0 | 2178 | 8.65 | 104.7 | 95.0 | Pass |
| 355 | ME2260 | 955.8 | S | 0.2 | 2080 | 9.0 | 2123 | 8.79 | 102.1 | 95.0 | Pass |
| 356 | ME2250 | 955.8 | S | 0.2 | 2080 | 9.0 | 2116 | 9.47 | 101.7 | 95.0 | Pass |
| 357 | ME22750 | 955.8 | S | 0.2 | 2080 | 9.0 | 2123 | 10.11 | 102.1 | 95.0 | Pass |
| 358 | PE3975 | 955.2 | S | 0.2 | 2080 | 9.0 | 2097 | 10.44 | 100.8 | 95.0 | Pass |
| 359 | PE3925 | 955.2 | S | 0.2 | 2080 | 9.0 | 2107 | 9.88 | 101.3 | 95.0 | Pass |
| 360 | PE3975 | 955.5 | S | 0.2 | 2080 | 9.0 | 2131 | 9.54 | 102.5 | 95.0 | Pass |
| 361 | PE3925 | 955.5 | S | 0.2 | 2080 | 9.0 | 2064 | 10.88 | 99.2 | 95.0 | Pass |
| 362 | PE3975 | 955.8 | S | 0.2 | 2080 | 9.0 | 2005 | 11.10 | 96.4 | 95.0 | Pass |
| 363 | PE3925 | 955.8 | S | 0.2 | 2080 | 9.0 | 2114 | 10.32 | 101.6 | 95.0 | Pass |
| 368 | PE4600 | 956.1 | S | 0.2 | 2080 | 9.0 | 2204 | 6.22 | 106.0 | 95.0 | Pass |
| 369 | PE4550 | 956.1 | S | 0.2 | 2080 | 9.0 | 2084 | 7.41 | 99.2 | 95.0 | Pass |
| 370 | PE4500 | 956.1 | S | 0.2 | 2080 | 9.0 | 2118 | 7.19 | 101.8 | 95.0 | Pass |
| 371 | PE4450 | 956.1 | S | 0.2 | 2080 | 9.0 | 2090 | 5.90 | 100.5 | 95.0 | Pass |
| 372 | PE4375 | 956.1 | S | 0.2 | 2080 | 9.0 | 2154 | 7.02 | 103.6 | 95.0 | Pass |
| 373 | PE4680 | 956.1 | S | 0.2 | 2080 | 9.0 | 2127 | 7.31 | 102.3 | 95.0 | Pass |
| 374 | PE4325 | 956.1 | S | 0.2 | 2080 | 9.0 | 2148 | 7.13 | 103.3 | 95.0 | Pass |
| 375 | PE4275 | 956.1 | S | 0.2 | 2080 | 9.0 | 2117 | 7.54 | 101.8 | 95.0 | Pass |
| 376 | PE4225 | 956.1 | S | 0.2 | 2080 | 9.0 | 2150 | 6.93 | 103.4 | 95.0 | Pass |
| 377 | PE3975 | 956.1 | S | 0.2 | 2080 | 9.0 | 2177 | 6.70 | 104.7 | 95.0 | Pass |
| 378 | PE3925 | 956.1 | S | 0.2 | 2080 | 9.0 | 2206 | 7.30 | 106.1 | 95.0 | Pass |
| 379 | PE3975 | 956.1 | S | 0.2 | 2080 | 9.0 | 2093 | 8.17 | 100.6 | 95.0 | Pass |
| 380 | PE3825 | 956.1 | S | 0.2 | 2080 | 9.0 | 2198 | 8.10 | 105.7 | 95.0 | Pass |
| 381 | PE3775 | 956.1 | S | 0.2 | 2080 | 9.0 | 2228 | 7.52 | 107.1 | 95.0 | Pass |
| 382 | PE3725 | 956.1 | S | 0.2 | 2080 | 9.0 | 2171 | 6.53 | 104.4 | 95.0 | Pass |
| 383 | PE3675 | 956.1 | S | 0.2 | 2080 | 9.0 | 2242 | 6.82 | 107.8 | 95.0 | Pass |
| 384 | PE3625 | 956.1 | S | 0.2 | 2080 | 9.0 | 2173 | 6.48 | 104.5 | 95.0 | Pass |
| 385 | PE3575 | 956.1 | S | 0.2 | 2080 | 9.0 | 2168 | 8.43 | 104.2 | 95.0 | Pass |
| 386 | PE3525 | 956.1 | S | 0.2 | 2080 | 9.0 | 2093 | 9.23 | 100.6 | 95.0 | Pass |
| 387 | PE3475 | 956.1 | S | 0.2 | 2080 | 9.0 | 2195 | 7.63 | 105.5 | 95.0 | Pass |
| 388 | PE3425 | 956.1 | S | 0.2 | 2080 | 9.0 | 2132 | 8.77 | 102.5 | 95.0 | Pass |
| 389 | PE3375 | 956.1 | S | 0.2 | 2080 | 9.0 | 2169 | 7.67 | 104.3 | 95.0 | Pass |
| 390 | PE3325 | 956.1 | S | 0.2 | 2080 | 9.0 | 2093 | 8.46 | 100.6 | 95.0 | Pass |
| 391 | PE3275 | 956.1 | S | 0.2 | 2080 | 9.0 | 2158 | 7.72 | 103.8 | 95.0 | Pass |
| 392 | PE3975 | 956.1 | S | 0.2 | 2080 | 9.0 | 2159 | 7.58 | 103.8 | 95.0 | Pass |
| 393 | PE3225 | 956.1 | S | 0.2 | 2080 | 9.0 | 2215 | 6.95 | 106.5 | 95.0 | Pass |
| 394 | PE3175 | 956.1 | S | 0.2 | 2080 | 9.0 | 2208 | 7.36 | 106.2 | 95.0 | Pass |
| 395 | PE3125 | 956.1 | S | 0.2 | 2080 | 9.0 | 2122 | 6.72 | 102.0 | 95.0 | Pass |
| 396 | PE3075 | 956.1 | S | 0.2 | 2080 | 9.0 | 2083 | 8.33 | 100.1 | 95.0 | Pass |
| 397 | PE3025 | 956.1 | S | 0.2 | 2080 | 9.0 | 2233 | 6.31 | 107.4 | 95.0 | Pass |
| 398 | PE2975 | 956.1 | S | 0.2 | 2080 | 9.0 | 2169 | 7.04 | 104.3 | 95.0 | Pass |
| 399 | PE2925 | 956.1 | S | 0.2 | 2080 | 9.0 | 2146 | 6.53 | 103.2 | 95.0 | Pass |
| 400 | PE2875 | 956.1 | S | 0.2 | 2080 | 9.0 | 2147 | 6.76 | 103.2 | 95.0 | Pass |
| 401 | PE2825 | 956.1 | S | 0.2 | 2080 | 9.0 | 2193 | 7.28 | 105.4 | 95.0 | Pass |
| 402 | PE2775 | 956.1 | S | 0.2 | 2080 | 9.0 | 2115 | 7.61 | 101.7 | 95.0 | Pass |
| 403 | ME2725 | 956.1 | S | 0.2 | 2080 | 9.0 | 2099 | 7.67 | 100.9 | 95.0 | Pass |
| 404 | ME2675 | 956.1 | S | 0.2 | 2080 | 9.0 | 2181 | 6.32 | 104.9 | 95.0 | Pass |
| 405 | ME2625 | 956.1 | S | 0.2 | 2080 | 9.0 | 2128 | 6.00 | 102.3 | 95.0 | Pass |
| 406 | ME2375 | 956.1 | S | 0.2 | 2080 | 9.0 | 2010 | 6.52 | 96.6 | 95.0 | Pass |
| 407 | ME2325 | 956.1 | S | 0.2 | 2080 | 9.0 | 2036 | 6.55 | 97.9 | 95.0 | Pass |
| 408 | ME2275 | 956.1 | S | 0.2 | 2080 | 9.0 | 2047 | 5.84 | 98.4 | 95.0 | Pass |
| 409 | ME2225 | 956.1 | S | 0.2 | 2080 | 9.0 | 2109 | 7.62 | 101.4 | 95.0 | Pass |
| 410 | ME2175 | 956.1 | S | 0.2 | 2080 | 9.0 | 2133 | 7.75 | 102.5 | 95.0 | Pass |
| 411 | ME2125 | 956.1 | S | 0.2 | 2080 | 9.0 | 2163 | 7.98 | 104.0 | 95.0 | Pass |
| 412 | ME2075 | 956.1 | S | 0.2 | 2080 | 9.0 | 2105 | 8.36 | 101.2 | 95.0 | Pass |
| 413 | ME1575 | 956.1 | S | 0.2 | 2080 | 9.0 | 2146 | 5.74 | 103.2 | 95.0 | Pass |
| 414 | ME1625 | 956.1 | S | 0.2 | 2080 | 9.0 | 2100 | 7.37 | 101.0 | 95.0 | Pass |
| 415 | ME1675 | 956.1 | S | 0.2 | 2080 | 9.0 | 2066 | 7.86 | 99.3 | 95.0 | Pass |
| 416 | ME1725 | 956.1 | S | 0.2 | 2080 | 9.0 | 2119 | 7.53 | 101.9 | 95.0 | Pass |
| 417 | ME1775 | 956.1 | S | 0.2 | 2080 | 9.0 | 2080 | 6.91 | 100.0 | 95.0 | Pass |
| 418 | ME1825 | 956.1 | S | 0.2 | 2080 | 9.0 | 2150 | 7.15 | 103.4 | 95.0 | Pass |
| 419 | ME1875 | 956.1 | S | 0.2 | 2080 | 9.0 | 2071 | 6.45 | 99.6 | 95.0 | Pass |
| 420 | ME1925 | 956.1 | S | 0.2 | 2080 | 9.0 | 2046 | 5.81 | 98.4 | 95.0 | Pass |
| 421 | ME1975 | 956.1 | S | 0.2 | 2080 | 9.0 | 2117 | 7.21 | 101.8 | 95.0 | Pass |
| 422 | SE1425 | 955.5 | S | 0.2 | 2080 | 9.0 | 2032 | 11.21 | 97.7 | 95.0 | Pass |
| 423 | SE1550 | 955.8 | S | 0.2 | 2080 | 9.0 | 2017 | 10.57 | 97.0 | 95.0 | Pass |
| 424 | SE1250 | 955.5 | S | 0.2 | 2080 | 9.0 | 2080 | 9.96 | 100.0 | 95.0 | Pass |
| 425 | SE1200 | 955.8 | S | 0.2 | 2080 | 9.0 | 2149 | 8.97 | 103.3 | 95.0 | Pass |
| 426 | SE1275 | 955.5 | S | 0.2 | 2080 | 9.0 | 2101 | 9.41 | 101.0 | 95.0 | Pass |
| 427 | SE1375 | 955.8 | S | 0.2 | 2080 | 9.0 | 2156 | 9.10 | 103.7 | 95.0 | Pass |
| 428 | SE1450 | 955.8 | S | 0.2 | 2080 | 9.0 | 2130 | 9.32 | 102.4 | 95.0 | Pass |
| 429 | SE0900 | 955.5 | S | 0.2 | 2080 | 9.0 | 2084 | 10.33 | 100.2 | 95.0 | Pass |
| 430 | SE1500 | 956.1 | S | 0.2 | 2080 | 9.0 | 2037 | 9.67 | 97.9 | 95.0 | Pass |
| 431 | SE1350 | 956.1 | S | 0.2 | 2080 | 9.0 | 2032 | 11.82 | 97.7 | 95.0 | Pass |
| 432 | SE1200 | 956.1 | S | 0.2 | 2080 | 9.0 | 2046 | 9.62 | 98.4 | 95.0 | Pass |
| 433 | SE0900 | 956.1 | S | 0.2 | 2080 | 9.0 | 2042 | 10.87 | 98.2 | 95.0 | Pass |
| 434 | SE0850 | 955.3 | S | 0.2 | 2080 | 9.0 | 2108 | 8.28 | 101.3 | 95.0 | Pass |
| 435 | SE0750 | 955.3 | S | 0.2 | 2080 | 9.0 | 2061 | 11.22 | 99.1 | 95.0 | Pass |
| 436 | SE0900 | 955.3 | S | 0.2 | 2080 | 9.0 | 2137 | 8.98 | 102.7 | 95.0 | Pass |
| 437 | SE0800 | 955.3 | S | 0.2 | 2080 | 9.0 | 2138 | 9.49 | 102.8 | 95.0 | Pass |
| 438 | SE0700 | 955.3 | S | 0.2 | 2080 | 9.0 | 2169 | 9.06 | 104.3 | 95.0 | Pass |
| 439 | SE0650 | 955.8 | S | 0.2 | 2080 | 9.0 | 2078 | 11.01 | 99.9 | 95.0 | Pass |
| 440 | SE0600 | 955.8 | S | 0.2 | 2080 | 9.0 | 2070 | 10.86 | 99.5 | 95.0 | Pass |
| 441 | SE0700 | 956.1 | S | 0.2 | 2080 | 9.0 | 2059 | 11.37 | 99.0 | 95.0 | Pass |
| 442 | SE0625 | 956.1 | S | 0.2 | 2080 | 9.0 | 2203 | 6.38 | 105.9 | 95.0 | Pass |
| 443 | SE0675 | 956.1 | S | 0.2 | 2080 | 9.0 | 2190 | 6.98 | 105.3 | 95.0 | Pass |
| 444 | SE0625 | 956.1 | S | 0.2 | 2080 | 9.0 | 2203 | 6.38 | 105.9 | 95.0 | Pass |
| 445 | SE0675 | 956.1 | S | 0.2 | 2080 | 9.0 | 2190 | 6.98 | 105.3 | 95.0 | Pass |
| 446 | PE2800 | 956.4 | S | 0.2 | 2080 | 9.0 | 2128 | 10.35 | 102.3 | 95.0 | Pass |
| 447 | PE2850 | 956.4 | S | 0.2 | 2080 | 9.0 | 2047 | 10.08 | 98.4 | 95.0 | Pass |
| 448 | PE2900 | 956.4 | S | 0.2 | 2080 | 9.0 | 2166 | 8.75 | 104.1 | 95.0 | Pass |
| 449 | PE2950 | 956.4 | S | 0.2 | 2080 | 9.0 | 2076 | 11.56 | 99.8 | 95.0 | Pass |
| 450 | PE3000 | 956.4 | S | 0.2 | 2080 | 9.0 | 2123 | 9.15 | 102.1 | 95.0 | Pass |

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|-----|--------|-------|---|-----|------|-----|------|-------|-------|------|------|
| 451 | PE3050 | 956.4 | S | 0.2 | 2080 | 9.0 | 2095 | 10.67 | 100.7 | 95.0 | Pass |
| 452 | PE3100 | 956.4 | S | 0.2 | 2080 | 9.0 | 2128 | 10.88 | 102.3 | 95.0 | Pass |
| 453 | PE2800 | 956.7 | S | 0.2 | 2080 | 9.0 | 2179 | 7.91 | 104.8 | 95.0 | Pass |
| 454 | PE2850 | 956.7 | S | 0.2 | 2080 | 9.0 | 2160 | 7.04 | 103.8 | 95.0 | Pass |
| 455 | PE2900 | 956.7 | S | 0.2 | 2080 | 9.0 | 2119 | 8.93 | 101.9 | 95.0 | Pass |
| 456 | PE2950 | 956.7 | S | 0.2 | 2080 | 9.0 | 2094 | 9.66 | 100.7 | 95.0 | Pass |
| 457 | PE3000 | 956.7 | S | 0.2 | 2080 | 9.0 | 2066 | 10.40 | 99.3 | 95.0 | Pass |
| 458 | PE3050 | 956.7 | S | 0.2 | 2080 | 9.0 | 2070 | 11.04 | 99.5 | 95.0 | Pass |
| 459 | PE3100 | 956.7 | S | 0.2 | 2080 | 9.0 | 2049 | 9.89 | 98.5 | 95.0 | Pass |
| 460 | PE3150 | 956.7 | S | 0.2 | 2080 | 9.0 | 2074 | 10.87 | 99.7 | 95.0 | Pass |
| 461 | PE3200 | 956.7 | S | 0.2 | 2080 | 9.0 | 2137 | 9.43 | 102.7 | 95.0 | Pass |
| 462 | PE3250 | 956.7 | S | 0.2 | 2080 | 9.0 | 2114 | 9.80 | 101.6 | 95.0 | Pass |
| 463 | PE3300 | 956.4 | S | 0.2 | 2080 | 9.0 | 2083 | 10.62 | 100.1 | 95.0 | Pass |
| 464 | PE3350 | 956.4 | S | 0.2 | 2080 | 9.0 | 2114 | 9.98 | 101.6 | 95.0 | Pass |
| 465 | PE3400 | 956.4 | S | 0.2 | 2080 | 9.0 | 2096 | 10.66 | 100.8 | 95.0 | Pass |
| 466 | PE3450 | 956.4 | S | 0.2 | 2080 | 9.0 | 2119 | 10.16 | 101.9 | 95.0 | Pass |
| 467 | PE2800 | 957.0 | S | 0.2 | 2080 | 9.0 | 2114 | 8.03 | 101.6 | 95.0 | Pass |
| 468 | PE2850 | 957.0 | S | 0.2 | 2080 | 9.0 | 2153 | 8.25 | 103.5 | 95.0 | Pass |
| 469 | PE2875 | 957.0 | S | 0.2 | 2080 | 9.0 | 2116 | 9.08 | 101.7 | 95.0 | Pass |
| 470 | PE2900 | 957.0 | S | 0.2 | 2080 | 9.0 | 2086 | 8.93 | 100.3 | 95.0 | Pass |
| 471 | PE2950 | 957.0 | S | 0.2 | 2080 | 9.0 | 2135 | 8.91 | 102.6 | 95.0 | Pass |
| 472 | PE3000 | 957.0 | S | 0.2 | 2080 | 9.0 | 2096 | 9.01 | 100.8 | 95.0 | Pass |
| 473 | PE3050 | 957.0 | S | 0.2 | 2080 | 9.0 | 2050 | 9.99 | 98.6 | 95.0 | Pass |
| 474 | PE3100 | 957.0 | S | 0.2 | 2080 | 9.0 | 1996 | 10.54 | 96.0 | 95.0 | Pass |
| 475 | PE3150 | 957.0 | S | 0.2 | 2080 | 9.0 | 2162 | 8.53 | 103.9 | 95.0 | Pass |
| 476 | PE3200 | 957.0 | S | 0.2 | 2080 | 9.0 | 2074 | 9.49 | 99.7 | 95.0 | Pass |
| 477 | PE3250 | 957.0 | S | 0.2 | 2080 | 9.0 | 2135 | 8.25 | 102.6 | 95.0 | Pass |
| 478 | PE3325 | 956.7 | S | 0.2 | 2080 | 9.0 | 2135 | 7.92 | 102.6 | 95.0 | Pass |
| 479 | PE3350 | 956.7 | S | 0.2 | 2080 | 9.0 | 2168 | 8.26 | 104.2 | 95.0 | Pass |
| 480 | PE3400 | 956.7 | S | 0.2 | 2080 | 9.0 | 2172 | 7.80 | 104.4 | 95.0 | Pass |
| 481 | PE3450 | 956.7 | S | 0.2 | 2080 | 9.0 | 2168 | 7.81 | 104.2 | 95.0 | Pass |
| 482 | PE3500 | 956.4 | S | 0.2 | 2080 | 9.0 | 2186 | 7.78 | 105.1 | 95.0 | Pass |
| 483 | PE3550 | 956.4 | S | 0.2 | 2080 | 9.0 | 2179 | 8.26 | 104.8 | 95.0 | Pass |
| 484 | PE3600 | 956.4 | S | 0.2 | 2080 | 9.0 | 2098 | 8.46 | 100.9 | 95.0 | Pass |
| 485 | PE3750 | 956.4 | S | 0.2 | 2080 | 9.0 | 2073 | 8.89 | 99.7 | 95.0 | Pass |
| 486 | PE3800 | 956.4 | S | 0.2 | 2080 | 9.0 | 2125 | 9.53 | 102.2 | 95.0 | Pass |
| 487 | PE3850 | 956.4 | S | 0.2 | 2080 | 9.0 | 2135 | 9.67 | 102.6 | 95.0 | Pass |
| 488 | PE3900 | 956.4 | S | 0.2 | 2080 | 9.0 | 2126 | 9.51 | 102.2 | 95.0 | Pass |
| 489 | PE4000 | 956.4 | S | 0.2 | 2080 | 9.0 | 2156 | 9.38 | 103.7 | 95.0 | Pass |
| 490 | PE4050 | 956.4 | S | 0.2 | 2080 | 9.0 | 2127 | 9.69 | 102.3 | 95.0 | Pass |
| 491 | PE4100 | 956.4 | S | 0.2 | 2080 | 9.0 | 2106 | 20.24 | 101.3 | 95.0 | Pass |
| 492 | PE4150 | 956.4 | S | 0.2 | 2080 | 9.0 | 2073 | 10.30 | 99.7 | 95.0 | Pass |
| 493 | PE4200 | 956.4 | S | 0.2 | 2080 | 9.0 | 2080 | 10.30 | 100.0 | 95.0 | Pass |
| 494 | PE4250 | 956.4 | S | 0.2 | 2080 | 9.0 | 2106 | 9.76 | 101.3 | 95.0 | Pass |
| 495 | PE4300 | 956.4 | S | 0.2 | 2080 | 9.0 | 2084 | 10.70 | 100.2 | 95.0 | Pass |
| 496 | PE4350 | 956.4 | S | 0.2 | 2080 | 9.0 | 2090 | 9.59 | 100.5 | 95.0 | Pass |
| 497 | PE2800 | 957.3 | S | 0.2 | 2080 | 9.0 | 2120 | 8.05 | 101.9 | 95.0 | Pass |
| 498 | PE2850 | 957.3 | S | 0.2 | 2080 | 9.0 | 2060 | 6.43 | 99.0 | 95.0 | Pass |
| 499 | PE2900 | 957.3 | S | 0.2 | 2080 | 9.0 | 2117 | 6.45 | 101.8 | 95.0 | Pass |
| 500 | PE2950 | 957.3 | S | 0.2 | 2080 | 9.0 | 2057 | 8.27 | 98.9 | 95.0 | Pass |
| 501 | PE3000 | 957.3 | S | 0.2 | 2080 | 9.0 | 2114 | 8.85 | 101.6 | 95.0 | Pass |
| 502 | PE3050 | 957.3 | S | 0.2 | 2080 | 9.0 | 2121 | 10.75 | 102.0 | 95.0 | Pass |
| 503 | PE3100 | 957.3 | S | 0.2 | 2080 | 9.0 | 2079 | 9.76 | 100.0 | 95.0 | Pass |
| 504 | PE3150 | 957.3 | S | 0.2 | 2080 | 9.0 | 2146 | 9.94 | 103.2 | 95.0 | Pass |
| 505 | PE4400 | 956.4 | S | 0.2 | 2080 | 9.0 | 2089 | 9.13 | 100.4 | 95.0 | Pass |
| 506 | PE4450 | 956.4 | S | 0.2 | 2080 | 9.0 | 2093 | 9.09 | 100.6 | 95.0 | Pass |
| 507 | PE4500 | 956.4 | S | 0.2 | 2080 | 9.0 | 2063 | 9.56 | 99.2 | 95.0 | Pass |
| 508 | PE4550 | 956.4 | S | 0.2 | 2080 | 9.0 | 2065 | 10.11 | 99.3 | 95.0 | Pass |
| 509 | PE4600 | 956.4 | S | 0.2 | 2080 | 9.0 | 2073 | 10.81 | 99.7 | 95.0 | Pass |
| 510 | PE4650 | 956.4 | S | 0.2 | 2080 | 9.0 | 2084 | 9.59 | 100.2 | 95.0 | Pass |
| 511 | PE4700 | 956.4 | S | 0.2 | 2080 | 9.0 | 2147 | 8.41 | 103.2 | 95.0 | Pass |
| 512 | PE4750 | 956.7 | S | 0.2 | 2080 | 9.0 | 2079 | 9.53 | 100.0 | 95.0 | Pass |
| 513 | PE3200 | 957.0 | S | 0.2 | 2080 | 9.0 | 2060 | 11.06 | 99.0 | 95.0 | Pass |
| 514 | PE3250 | 957.0 | S | 0.2 | 2080 | 9.0 | 2071 | 11.71 | 99.6 | 95.0 | Pass |
| 515 | PE3300 | 957.0 | S | 0.2 | 2080 | 9.0 | 2077 | 12.18 | 99.9 | 95.0 | Pass |
| 516 | PE3350 | 957.0 | S | 0.2 | 2080 | 9.0 | 2085 | 11.13 | 100.2 | 95.0 | Pass |
| 517 | PE3400 | 956.7 | S | 0.2 | 2080 | 9.0 | 2017 | 13.84 | 97.0 | 95.0 | Pass |
| 518 | PE3450 | 957.0 | S | 0.2 | 2080 | 9.0 | 2088 | 11.25 | 100.4 | 95.0 | Pass |
| 519 | PE3500 | 956.7 | S | 0.2 | 2080 | 9.0 | 2000 | 11.21 | 96.2 | 95.0 | Pass |
| 520 | PE3550 | 956.6 | S | 0.2 | 2080 | 9.0 | 1979 | 11.92 | 95.1 | 95.0 | Pass |
| 521 | PE3600 | 956.6 | S | 0.2 | 2080 | 9.0 | 2069 | 11.80 | 99.5 | 95.0 | Pass |
| 522 | PE3650 | 956.7 | S | 0.2 | 2080 | 9.0 | 2091 | 10.67 | 100.5 | 95.0 | Pass |
| 523 | PE3700 | 956.7 | S | 0.2 | 2080 | 9.0 | 2087 | 10.38 | 100.3 | 95.0 | Pass |
| 524 | PE3750 | 956.7 | S | 0.2 | 2080 | 9.0 | 2115 | 11.07 | 101.7 | 95.0 | Pass |
| 525 | PE3800 | 956.6 | S | 0.2 | 2080 | 9.0 | 2157 | 10.41 | 103.7 | 95.0 | Pass |
| 526 | PE3850 | 956.7 | S | 0.2 | 2080 | 9.0 | 2109 | 10.76 | 101.4 | 95.0 | Pass |
| 527 | PE3900 | 956.7 | S | 0.2 | 2080 | 9.0 | 2118 | 10.91 | 101.8 | 95.0 | Pass |
| 528 | PE4000 | 956.7 | S | 0.2 | 2080 | 9.0 | 2101 | 11.42 | 101.0 | 95.0 | Pass |
| 529 | PE4050 | 956.7 | S | 0.2 | 2080 | 9.0 | 2098 | 10.10 | 100.9 | 95.0 | Pass |
| 530 | PE4100 | 956.7 | S | 0.2 | 2080 | 9.0 | 2121 | 9.83 | 102.0 | 95.0 | Pass |
| 531 | PE4150 | 956.7 | S | 0.2 | 2080 | 9.0 | 2211 | 7.91 | 106.3 | 95.0 | Pass |
| 532 | PE4200 | 956.7 | S | 0.2 | 2080 | 9.0 | 2186 | 7.81 | 105.1 | 95.0 | Pass |
| 533 | PE4250 | 956.7 | S | 0.2 | 2080 | 9.0 | 2111 | 9.06 | 101.5 | 95.0 | Pass |
| 534 | PE4300 | 956.7 | S | 0.2 | 2080 | 9.0 | 2063 | 9.02 | 99.2 | 95.0 | Pass |
| 535 | PE4350 | 956.7 | S | 0.2 | 2080 | 9.0 | 2137 | 10.12 | 102.7 | 95.0 | Pass |
| 536 | PE4400 | 956.7 | S | 0.2 | 2080 | 9.0 | 2155 | 9.12 | 103.6 | 95.0 | Pass |
| 537 | PE4450 | 956.7 | S | 0.2 | 2080 | 9.0 | 2143 | 9.92 | 103.0 | 95.0 | Pass |
| 538 | PE4500 | 956.7 | S | 0.2 | 2080 | 9.0 | 2137 | 9.53 | 102.7 | 95.0 | Pass |
| 539 | PE4550 | 956.7 | S | 0.2 | 2080 | 9.0 | 2098 | 9.91 | 100.9 | 95.0 | Pass |
| 540 | PE4600 | 956.7 | S | 0.2 | 2080 | 9.0 | 2065 | 10.61 | 99.3 | 95.0 | Pass |
| 541 | PE4650 | 956.7 | S | 0.2 | 2080 | 9.0 | 2129 | 9.76 | 102.4 | 95.0 | Pass |
| 542 | PE4700 | 956.7 | S | 0.2 | 2080 | 9.0 | 2116 | 10.57 | 101.7 | 95.0 | Pass |
| 543 | PE4750 | 956.7 | S | 0.2 | 2080 | 9.0 | 2127 | 10.31 | 102.3 | 95.0 | Pass |
| 544 | PE3200 | 957.3 | S | 0.2 | 2080 | 9.0 | 2153 | 8.71 | 103.5 | 95.0 | Pass |
| 545 | PE3250 | 957.3 | S | 0.2 | 2080 | 9.0 | 2055 | 12.23 | 98.8 | 95.0 | Pass |
| 546 | PE3300 | 957.3 | S | 0.2 | 2080 | 9.0 | 2075 | 11.83 | 99.8 | 95.0 | Pass |
| 547 | PE3350 | 957.3 | S | 0.2 | 2080 | 9.0 | 2157 | 11.14 | 103.7 | 95.0 | Pass |
| 548 | PE3400 | 957.3 | S | 0.2 | 2080 | 9.0 | 2177 | 8.49 | 104.7 | 95.0 | Pass |
| 549 | PE3450 | 957.3 | S | 0.2 | 2080 | 9.0 | 2150 | 9.01 | 103.4 | 95.0 | Pass |

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|-----|---------|-------|---|-----|------|-----|------|-------|-------|------|------|
| 550 | PE 3500 | 957.0 | S | 0.2 | 2080 | 9.0 | 2207 | 7.96 | 106.1 | 95.0 | Pass |
| 551 | PE 3550 | 957.0 | S | 0.2 | 2080 | 9.0 | 2204 | 7.02 | 106.0 | 95.0 | Pass |
| 552 | PE 3600 | 957.0 | S | 0.2 | 2080 | 9.0 | 2174 | 8.96 | 104.5 | 95.0 | Pass |
| 553 | PE 3650 | 957.0 | S | 0.2 | 2080 | 9.0 | 2132 | 9.91 | 102.5 | 95.0 | Pass |
| 554 | PE 3700 | 957.0 | S | 0.2 | 2080 | 9.0 | 2111 | 13.90 | 101.5 | 95.0 | Pass |
| 555 | PE 3750 | 957.0 | S | 0.2 | 2080 | 9.0 | 2010 | 13.95 | 96.6 | 95.0 | Pass |
| 556 | PE 3800 | 957.0 | S | 0.2 | 2080 | 9.0 | 1996 | 14.02 | 96.0 | 95.0 | Pass |
| 557 | PE 3850 | 957.0 | S | 0.2 | 2080 | 9.0 | 2028 | 14.37 | 97.5 | 95.0 | Pass |
| 558 | PE 3700 | 957.3 | S | 0.2 | 2080 | 9.0 | 2167 | 6.67 | 104.2 | 95.0 | Pass |
| 559 | PE 3750 | 957.3 | S | 0.2 | 2080 | 9.0 | 2134 | 9.89 | 102.6 | 95.0 | Pass |
| 560 | PE 3800 | 957.3 | S | 0.2 | 2080 | 9.0 | 2179 | 7.23 | 104.8 | 95.0 | Pass |
| 561 | PE 3850 | 957.3 | S | 0.2 | 2080 | 9.0 | 2125 | 9.67 | 102.2 | 95.0 | Pass |
| 562 | PE 3900 | 957.3 | S | 0.2 | 2080 | 9.0 | 2102 | 9.58 | 101.1 | 95.0 | Pass |
| 563 | PE 4000 | 957.0 | S | 0.2 | 2080 | 9.0 | 2100 | 9.25 | 101.0 | 95.0 | Pass |
| 564 | PE 4050 | 956.7 | S | 0.2 | 2080 | 9.0 | 2094 | 8.79 | 100.7 | 95.0 | Pass |
| 565 | PE 4100 | 957.0 | S | 0.2 | 2080 | 9.0 | 2209 | 7.08 | 106.2 | 95.0 | Pass |
| 566 | PE 4150 | 957.0 | S | 0.2 | 2080 | 9.0 | 2192 | 6.79 | 105.4 | 95.0 | Pass |
| 567 | PE 4200 | 957.0 | S | 0.2 | 2080 | 9.0 | 2177 | 7.41 | 104.7 | 95.0 | Pass |
| 568 | PE 4250 | 957.0 | S | 0.2 | 2080 | 9.0 | 2175 | 7.71 | 104.6 | 95.0 | Pass |
| 569 | PE 4300 | 957.0 | S | 0.2 | 2080 | 9.0 | 2232 | 6.69 | 107.3 | 95.0 | Pass |
| 570 | PE 4350 | 957.0 | S | 0.2 | 2080 | 9.0 | 2200 | 8.32 | 105.8 | 95.0 | Pass |
| 571 | PE 4400 | 957.0 | S | 0.2 | 2080 | 9.0 | 2184 | 7.83 | 105.0 | 95.0 | Pass |
| 572 | PE 4450 | 957.0 | S | 0.2 | 2080 | 9.0 | 2177 | 8.44 | 104.7 | 95.0 | Pass |
| 573 | PE 4500 | 957.0 | S | 0.2 | 2080 | 9.0 | 2136 | 8.80 | 102.7 | 95.0 | Pass |
| 574 | PE 4550 | 957.0 | S | 0.2 | 2080 | 9.0 | 2113 | 9.26 | 101.6 | 95.0 | Pass |
| 575 | PE 4600 | 957.0 | S | 0.2 | 2080 | 9.0 | 2123 | 9.19 | 102.1 | 95.0 | Pass |
| 576 | SE 500 | 957.0 | S | 0.2 | 2080 | 9.0 | 2074 | 10.51 | 99.7 | 95.0 | Pass |
| 577 | PE 4650 | 957.0 | S | 0.2 | 2080 | 9.0 | 2102 | 10.01 | 101.1 | 95.0 | Pass |
| 578 | PE 4700 | 957.0 | S | 0.2 | 2080 | 9.0 | 2185 | 9.63 | 105.0 | 95.0 | Pass |
| 579 | PE 4750 | 957.0 | S | 0.2 | 2080 | 9.0 | 2168 | 8.53 | 104.2 | 95.0 | Pass |
| 580 | PE 4000 | 957.3 | S | 0.2 | 2080 | 9.0 | 2152 | 8.29 | 103.5 | 95.0 | Pass |
| 581 | PE 4050 | 957.0 | S | 0.2 | 2080 | 9.0 | 2170 | 8.75 | 104.3 | 95.0 | Pass |
| 582 | PE 4100 | 957.3 | S | 0.2 | 2080 | 9.0 | 2158 | 9.22 | 103.8 | 95.0 | Pass |
| 583 | PE 4150 | 957.3 | S | 0.2 | 2080 | 9.0 | 2141 | 9.49 | 102.9 | 95.0 | Pass |
| 584 | PE 4200 | 957.3 | S | 0.2 | 2080 | 9.0 | 2133 | 9.87 | 102.5 | 95.0 | Pass |
| 585 | PE 4250 | 957.3 | S | 0.2 | 2080 | 9.0 | 2119 | 9.17 | 101.9 | 95.0 | Pass |
| 586 | PE 4300 | 957.3 | S | 0.2 | 2080 | 9.0 | 2111 | 9.24 | 101.5 | 95.0 | Pass |
| 587 | PE 4350 | 957.3 | S | 0.2 | 2080 | 9.0 | 2123 | 9.72 | 102.1 | 95.0 | Pass |
| 588 | PE 4400 | 957.3 | S | 0.2 | 2080 | 9.0 | 2123 | 9.80 | 102.1 | 95.0 | Pass |
| 589 | PE 4450 | 956.7 | S | 0.2 | 2080 | 9.0 | 2184 | 7.23 | 105.0 | 95.0 | Pass |
| 590 | PE 4500 | 956.7 | S | 0.2 | 2080 | 9.0 | 2154 | 6.83 | 103.6 | 95.0 | Pass |
| 591 | PE 4550 | 956.7 | S | 0.2 | 2080 | 9.0 | 2215 | 6.61 | 106.5 | 95.0 | Pass |
| 592 | PE 4600 | 956.7 | S | 0.2 | 2080 | 9.0 | 2143 | 7.29 | 103.0 | 95.0 | Pass |
| 593 | PE 4650 | 956.7 | S | 0.2 | 2080 | 9.0 | 2159 | 7.49 | 103.8 | 95.0 | Pass |
| 594 | PE 4700 | 956.7 | S | 0.2 | 2080 | 9.0 | 2195 | 6.81 | 105.5 | 95.0 | Pass |
| 595 | PE 4750 | 956.7 | S | 0.2 | 2080 | 9.0 | 2133 | 7.40 | 102.5 | 95.0 | Pass |
| 596 | ME 2350 | 956.7 | S | 0.2 | 2080 | 9.0 | 2131 | 8.07 | 102.5 | 95.0 | Pass |
| 597 | ME 2400 | 956.7 | S | 0.2 | 2080 | 9.0 | 2200 | 7.65 | 105.8 | 95.0 | Pass |
| 598 | ME 2450 | 956.7 | S | 0.2 | 2080 | 9.0 | 2159 | 7.83 | 103.8 | 95.0 | Pass |
| 599 | ME 2500 | 956.7 | S | 0.2 | 2080 | 9.0 | 2074 | 8.33 | 99.7 | 95.0 | Pass |
| 600 | ME 2550 | 956.7 | S | 0.2 | 2080 | 9.0 | 2159 | 7.73 | 103.8 | 95.0 | Pass |
| 601 | ME 2600 | 956.7 | S | 0.2 | 2080 | 9.0 | 2191 | 6.90 | 105.3 | 95.0 | Pass |
| 602 | ME 2650 | 956.7 | S | 0.2 | 2080 | 9.0 | 2139 | 8.08 | 102.8 | 95.0 | Pass |
| 603 | ME 2700 | 956.7 | S | 0.2 | 2080 | 9.0 | 2101 | 6.93 | 101.0 | 95.0 | Pass |
| 604 | ME 2350 | 957.0 | S | 0.2 | 2080 | 9.0 | 2118 | 9.76 | 101.8 | 95.0 | Pass |
| 605 | ME 2400 | 957.0 | S | 0.2 | 2080 | 9.0 | 2123 | 8.46 | 102.1 | 95.0 | Pass |
| 606 | ME 2450 | 957.0 | S | 0.2 | 2080 | 9.0 | 2126 | 9.14 | 102.2 | 95.0 | Pass |
| 607 | ME 2500 | 957.0 | S | 0.2 | 2080 | 9.0 | 2272 | 7.23 | 109.2 | 95.0 | Pass |
| 608 | ME 2550 | 957.0 | S | 0.2 | 2080 | 9.0 | 2131 | 8.06 | 102.5 | 95.0 | Pass |
| 609 | ME 2600 | 957.0 | S | 0.2 | 2080 | 9.0 | 2119 | 7.62 | 101.9 | 95.0 | Pass |
| 610 | ME 2650 | 957.0 | S | 0.2 | 2080 | 9.0 | 2179 | 8.01 | 104.8 | 95.0 | Pass |
| 611 | ME 2700 | 957.0 | S | 0.2 | 2080 | 9.0 | 2191 | 8.25 | 105.3 | 95.0 | Pass |
| 612 | ME 2350 | 957.3 | S | 0.2 | 2080 | 9.0 | 2071 | 8.57 | 99.6 | 95.0 | Pass |
| 613 | ME 2400 | 957.3 | S | 0.2 | 2080 | 9.0 | 2019 | 8.66 | 97.1 | 95.0 | Pass |
| 614 | ME 2450 | 957.3 | S | 0.2 | 2080 | 9.0 | 2066 | 9.16 | 99.3 | 95.0 | Pass |
| 615 | ME 2500 | 957.3 | S | 0.2 | 2080 | 9.0 | 2133 | 9.87 | 102.5 | 95.0 | Pass |
| 616 | ME 2550 | 957.3 | S | 0.2 | 2080 | 9.0 | 2035 | 9.51 | 97.8 | 95.0 | Pass |
| 617 | ME 2600 | 957.3 | S | 0.2 | 2080 | 9.0 | 2087 | 9.83 | 100.3 | 95.0 | Pass |
| 618 | ME 2650 | 957.3 | S | 0.2 | 2080 | 9.0 | 2150 | 7.55 | 103.4 | 95.0 | Pass |
| 619 | ME 1700 | 956.7 | S | 0.2 | 2080 | 9.0 | 2155 | 7.61 | 103.6 | 95.0 | Pass |
| 620 | ME 1750 | 956.7 | S | 0.2 | 2080 | 9.0 | 2086 | 8.74 | 100.3 | 95.0 | Pass |
| 621 | ME 1800 | 956.7 | S | 0.2 | 2080 | 9.0 | 2069 | 9.07 | 99.5 | 95.0 | Pass |
| 622 | ME 1850 | 956.7 | S | 0.2 | 2080 | 9.0 | 2130 | 8.11 | 102.4 | 95.0 | Pass |
| 623 | ME 1900 | 956.7 | S | 0.2 | 2080 | 9.0 | 2153 | 7.41 | 103.5 | 95.0 | Pass |
| 624 | ME 2000 | 956.7 | S | 0.2 | 2080 | 9.0 | 2094 | 7.86 | 100.7 | 95.0 | Pass |
| 625 | ME 2050 | 956.7 | S | 0.2 | 2080 | 9.0 | 2011 | 7.43 | 96.7 | 95.0 | Pass |
| 626 | ME 2100 | 956.7 | S | 0.2 | 2080 | 9.0 | 2088 | 8.26 | 100.4 | 95.0 | Pass |
| 627 | ME 1925 | 957.0 | S | 0.2 | 2080 | 9.0 | 2084 | 10.82 | 100.2 | 95.0 | Pass |
| 628 | ME 1975 | 957.0 | S | 0.2 | 2080 | 9.0 | 2107 | 9.17 | 101.3 | 95.0 | Pass |
| 629 | ME 2000 | 957.3 | S | 0.2 | 2080 | 9.0 | 2069 | 10.65 | 99.5 | 95.0 | Pass |
| 630 | ME 2025 | 956.7 | S | 0.2 | 2080 | 9.0 | 2138 | 8.46 | 102.8 | 95.0 | Pass |
| 631 | ME 2050 | 957.0 | S | 0.2 | 2080 | 9.0 | 2164 | 7.90 | 104.0 | 95.0 | Pass |
| 632 | ME 2100 | 957.0 | S | 0.2 | 2080 | 9.0 | 2172 | 8.72 | 104.4 | 95.0 | Pass |
| 633 | ME 2150 | 957.0 | S | 0.2 | 2080 | 9.0 | 2209 | 8.70 | 106.2 | 95.0 | Pass |
| 634 | ME 1850 | 957.0 | S | 0.2 | 2080 | 9.0 | 2124 | 8.35 | 102.1 | 95.0 | Pass |
| 635 | ME 1800 | 957.0 | S | 0.2 | 2080 | 9.0 | 2144 | 8.84 | 103.1 | 95.0 | Pass |
| 636 | ME 1750 | 957.0 | S | 0.2 | 2080 | 9.0 | 2125 | 6.94 | 102.2 | 95.0 | Pass |
| 637 | ME 1700 | 957.0 | S | 0.2 | 2080 | 9.0 | 2158 | 8.38 | 103.8 | 95.0 | Pass |
| 638 | ME 1650 | 957.0 | S | 0.2 | 2080 | 9.0 | 2129 | 9.02 | 102.4 | 95.0 | Pass |
| 639 | ME 1600 | 957.0 | S | 0.2 | 2080 | 9.0 | 2045 | 10.00 | 98.3 | 95.0 | Pass |
| 640 | SE 1550 | 956.7 | S | 0.2 | 2080 | 9.0 | 2130 | 9.50 | 102.4 | 95.0 | Pass |
| 641 | SE 1500 | 956.7 | S | 0.2 | 2080 | 9.0 | 2103 | 9.19 | 101.1 | 95.0 | Pass |
| 642 | SE 1450 | 956.7 | S | 0.2 | 2080 | 9.0 | 2123 | 9.86 | 102.1 | 95.0 | Pass |
| 643 | SE 1400 | 956.7 | S | 0.2 | 2080 | 9.0 | 2093 | 10.98 | 100.6 | 95.0 | Pass |
| 644 | SE 1350 | 956.7 | S | 0.2 | 2080 | 9.0 | 2098 | 10.07 | 100.9 | 95.0 | Pass |
| 645 | SE 1300 | 956.7 | S | 0.2 | 2080 | 9.0 | 2105 | 10.22 | 101.2 | 95.0 | Pass |
| 646 | SE 1250 | 956.7 | S | 0.2 | 2080 | 9.0 | 2124 | 10.14 | 102.1 | 95.0 | Pass |
| 647 | SE 1200 | 956.7 | S | 0.2 | 2080 | 9.0 | 2147 | 7.20 | 103.2 | 95.0 | Pass |
| 648 | SE 1150 | 956.7 | S | 0.2 | 2080 | 9.0 | 2192 | 6.51 | 105.4 | 95.0 | Pass |

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|-----|----------|-------|---|-----|------|-----|------|-------|-------|------|------|
| 649 | SE 1100 | 956.7 | S | 0.2 | 2080 | 9.0 | 2244 | 6.83 | 107.9 | 95.0 | Pass |
| 650 | SE 1050 | 956.7 | S | 0.2 | 2080 | 9.0 | 2189 | 6.74 | 105.2 | 95.0 | Pass |
| 651 | SE 1000 | 956.7 | S | 0.2 | 2080 | 9.0 | 2031 | 3.83 | 97.6 | 95.0 | Pass |
| 652 | SE 950 | 956.7 | S | 0.2 | 2080 | 9.0 | 2139 | 4.56 | 102.8 | 95.0 | Pass |
| 653 | SE 900 | 956.7 | S | 0.2 | 2080 | 9.0 | 2148 | 5.97 | 103.3 | 95.0 | Pass |
| 654 | SE 850 | 956.7 | S | 0.2 | 2080 | 9.0 | 2244 | 6.83 | 107.9 | 95.0 | Pass |
| 655 | SE 800 | 956.7 | S | 0.2 | 2080 | 9.0 | 2091 | 6.13 | 100.5 | 95.0 | Pass |
| 656 | SE 750 | 956.7 | S | 0.2 | 2080 | 9.0 | 2204 | 6.26 | 106.0 | 95.0 | Pass |
| 657 | SE 700 | 956.7 | S | 0.2 | 2080 | 9.0 | 2218 | 6.32 | 106.6 | 95.0 | Pass |
| 658 | SE 650 | 956.7 | S | 0.2 | 2080 | 9.0 | 2178 | 6.13 | 104.7 | 95.0 | Pass |
| 659 | ME 1600 | 956.7 | S | 0.2 | 2080 | 9.0 | 2033 | 8.25 | 97.7 | 95.0 | Pass |
| 660 | ME 1650 | 956.7 | S | 0.2 | 2080 | 9.0 | 1993 | 9.34 | 95.8 | 95.0 | Pass |
| 661 | ME1700 | 956.7 | S | 0.2 | 2080 | 9.0 | 2196 | 4.74 | 105.6 | 95.0 | Pass |
| 662 | ME1750 | 956.7 | S | 0.2 | 2080 | 9.0 | 2053 | 5.93 | 98.7 | 95.0 | Pass |
| 663 | ME 1800 | 956.7 | S | 0.2 | 2080 | 9.0 | 2103 | 6.97 | 101.1 | 95.0 | Pass |
| 664 | ME1850 | 956.7 | S | 0.2 | 2080 | 9.0 | 2075 | 7.14 | 99.8 | 95.0 | Pass |
| 665 | ME1900 | 956.7 | S | 0.2 | 2080 | 9.0 | 2078 | 60.50 | 99.9 | 95.0 | Pass |
| 666 | ME1950 | 956.7 | S | 0.2 | 2080 | 9.0 | 2136 | 7.28 | 102.7 | 95.0 | Pass |
| 667 | ME 2000 | 956.7 | S | 0.2 | 2080 | 9.0 | 2003 | 9.35 | 96.3 | 95.0 | Pass |
| 668 | ME 2050 | 956.7 | S | 0.2 | 2080 | 9.0 | 2197 | 4.78 | 105.6 | 95.0 | Pass |
| 669 | ME 2100 | 956.7 | S | 0.2 | 2080 | 9.0 | 2053 | 5.96 | 98.7 | 95.0 | Pass |
| 670 | ME 2150 | 956.7 | S | 0.2 | 2080 | 9.0 | 2105 | 6.99 | 101.2 | 95.0 | Pass |
| 671 | ME 2200 | 956.7 | S | 0.2 | 2080 | 9.0 | 2045 | 7.01 | 98.3 | 95.0 | Pass |
| 672 | ME 2250 | 956.7 | S | 0.2 | 2080 | 9.0 | 2079 | 6.06 | 100.0 | 95.0 | Pass |
| 673 | ME 2300 | 956.7 | S | 0.2 | 2080 | 9.0 | 2133 | 7.24 | 102.5 | 95.0 | Pass |
| 674 | ME 2350 | 956.7 | S | 0.2 | 2080 | 9.0 | 2031 | 8.21 | 97.6 | 95.0 | Pass |
| 675 | ME 2400 | 956.7 | S | 0.2 | 2080 | 9.0 | 2199 | 5.25 | 105.7 | 95.0 | Pass |
| 676 | ME 2450 | 956.7 | S | 0.2 | 2080 | 9.0 | 2196 | 5.28 | 105.6 | 95.0 | Pass |
| 677 | ME 2500 | 956.7 | S | 0.2 | 2080 | 9.0 | 2107 | 7.02 | 101.3 | 95.0 | Pass |
| 678 | ME 2550 | 956.7 | S | 0.2 | 2080 | 9.0 | 2046 | 7.05 | 98.4 | 95.0 | Pass |
| 679 | ME 2600 | 956.7 | S | 0.2 | 2080 | 9.0 | 2080 | 60.90 | 100.0 | 95.0 | Pass |
| 680 | ME 2650 | 956.7 | S | 0.2 | 2080 | 9.0 | 2131 | 7.21 | 102.5 | 95.0 | Pass |
| 681 | ME 2700 | 956.7 | S | 0.2 | 2080 | 9.0 | 2028 | 8.18 | 97.5 | 95.0 | Pass |
| 682 | SE 600 | 956.7 | S | 0.2 | 2080 | 9.0 | 2110 | 5.71 | 101.4 | 95.0 | Pass |
| 683 | SE 550 | 956.7 | S | 0.2 | 2080 | 9.0 | 1980 | 10.23 | 95.2 | 95.0 | Pass |
| 684 | SE 500 | 956.7 | S | 0.2 | 2080 | 9.0 | 2067 | 9.57 | 99.4 | 95.0 | Pass |
| 685 | SE 450 | 956.7 | S | 0.2 | 2080 | 9.0 | 2012 | 11.94 | 96.7 | 95.0 | Pass |
| 686 | SE 1500 | 956.7 | S | 0.2 | 2080 | 9.0 | 2108 | 6.22 | 101.3 | 95.0 | Pass |
| 687 | SE 1450 | 956.7 | S | 0.2 | 2080 | 9.0 | 2076 | 7.82 | 99.8 | 95.0 | Pass |
| 688 | SE 1400 | 956.7 | S | 0.2 | 2080 | 9.0 | 2044 | 7.42 | 98.3 | 95.0 | Pass |
| 689 | SE 1350 | 956.7 | S | 0.2 | 2080 | 9.0 | 2073 | 6.20 | 99.7 | 95.0 | Pass |
| 690 | SE 1300 | 956.7 | S | 0.2 | 2080 | 9.0 | 2114 | 7.21 | 101.6 | 95.0 | Pass |
| 691 | SE 1250 | 956.7 | S | 0.2 | 2080 | 9.0 | 2186 | 6.34 | 105.1 | 95.0 | Pass |
| 692 | SE 1200 | 956.7 | S | 0.2 | 2080 | 9.0 | 2243 | 5.66 | 107.8 | 95.0 | Pass |
| 693 | SE 1100 | 956.7 | S | 0.2 | 2080 | 9.0 | 2146 | 7.57 | 103.2 | 95.0 | Pass |
| 694 | SE 1050 | 956.7 | S | 0.2 | 2080 | 9.0 | 1980 | 6.96 | 95.2 | 95.0 | Pass |
| 695 | SE 1000 | 956.7 | S | 0.2 | 2080 | 9.0 | 2093 | 6.67 | 100.6 | 95.0 | Pass |
| 696 | SE 950 | 956.7 | S | 0.2 | 2080 | 9.0 | 2127 | 5.89 | 102.3 | 95.0 | Pass |
| 697 | SE 900 | 956.7 | S | 0.2 | 2080 | 9.0 | 2185 | 6.99 | 105.0 | 95.0 | Pass |
| 698 | SE 850 | 956.7 | S | 0.2 | 2080 | 9.0 | 2047 | 9.71 | 98.4 | 95.0 | Pass |
| 699 | SE 800 | 956.7 | S | 0.2 | 2080 | 9.0 | 2080 | 6.76 | 100.0 | 95.0 | Pass |
| 700 | SE 750 | 956.7 | S | 0.2 | 2080 | 9.0 | 2075 | 8.55 | 99.8 | 95.0 | Pass |
| 701 | SE 700 | 956.7 | S | 0.2 | 2080 | 9.0 | 2111 | 7.24 | 101.5 | 95.0 | Pass |
| 702 | PE 3200 | 958.0 | S | 0.2 | 2080 | 9.0 | 2078 | 9.32 | 99.9 | 95.0 | Pass |
| 703 | PE 3250 | 958.0 | S | 0.2 | 2080 | 9.0 | 2111 | 7.62 | 101.5 | 95.0 | Pass |
| 704 | PE 3300 | 958.0 | S | 0.2 | 2080 | 9.0 | 2002 | 6.98 | 96.3 | 95.0 | Pass |
| 705 | PE 3350 | 958.0 | S | 0.2 | 2080 | 9.0 | 2142 | 6.25 | 103.0 | 95.0 | Pass |
| 706 | PE 3400 | 958.0 | S | 0.2 | 2080 | 9.0 | 2099 | 7.18 | 100.9 | 95.0 | Pass |
| 707 | PE 3450 | 958.0 | S | 0.2 | 2080 | 9.0 | 2042 | 8.23 | 98.2 | 95.0 | Pass |
| 708 | PE 3500 | 958.0 | S | 0.2 | 2080 | 9.0 | 2146 | 7.44 | 103.2 | 95.0 | Pass |
| 709 | PE 3500 | 958.0 | S | 0.2 | 2080 | 9.0 | 2068 | 7.15 | 99.4 | 95.0 | Pass |
| 710 | PE 3600 | 958.0 | S | 0.2 | 2080 | 9.0 | 2201 | 7.26 | 105.8 | 95.0 | Pass |
| 711 | PE 3650 | 958.0 | S | 0.2 | 2080 | 9.0 | 2111 | 7.62 | 101.5 | 95.0 | Pass |
| 712 | PE 3700 | 958.0 | S | 0.2 | 2080 | 9.0 | 2002 | 6.98 | 96.3 | 95.0 | Pass |
| 713 | PE 3750 | 958.0 | S | 0.2 | 2080 | 9.0 | 2142 | 6.25 | 103.0 | 95.0 | Pass |
| 714 | PE 3800 | 958.0 | S | 0.2 | 2080 | 9.0 | 2099 | 7.18 | 100.9 | 95.0 | Pass |
| 715 | PE 3850 | 958.0 | S | 0.2 | 2080 | 9.0 | 2042 | 8.23 | 98.2 | 95.0 | Pass |
| 716 | PE 3900 | 958.0 | S | 0.2 | 2080 | 9.0 | 2146 | 7.44 | 103.2 | 95.0 | Pass |
| 717 | PE 3950 | 958.0 | S | 0.2 | 2080 | 9.0 | 2068 | 7.15 | 99.4 | 95.0 | Pass |
| 718 | PE 3150 | 958.0 | S | 0.2 | 2080 | 9.0 | 1987 | 10.47 | 95.5 | 95.0 | Pass |
| 719 | PE 3100 | 958.0 | S | 0.2 | 2080 | 9.0 | 2025 | 9.11 | 97.4 | 95.0 | Pass |
| 720 | PE 3050 | 958.0 | S | 0.2 | 2080 | 9.0 | 2022 | 9.76 | 97.2 | 95.0 | Pass |
| 721 | PE 3000 | 958.0 | S | 0.2 | 2080 | 9.0 | 2036 | 9.50 | 97.9 | 95.0 | Pass |
| 722 | PE 2950 | 958.0 | S | 0.2 | 2080 | 9.0 | 2062 | 10.35 | 99.1 | 95.0 | Pass |
| 723 | PE 2900 | 958.0 | S | 0.2 | 2080 | 9.0 | 1998 | 7.50 | 96.1 | 95.0 | Pass |
| 724 | PE 2850 | 958.0 | S | 0.2 | 2080 | 9.0 | 1978 | 9.21 | 95.1 | 95.0 | Pass |
| 725 | PE 2800 | 958.0 | S | 0.2 | 2080 | 9.0 | 1976 | 12.01 | 95.0 | 95.0 | Pass |
| 726 | PE 4020 | 958.0 | S | 0.2 | 2080 | 9.0 | 2031 | 9.57 | 97.6 | 95.0 | Pass |
| 727 | PE 4000 | 958.0 | S | 0.2 | 2080 | 9.0 | 2049 | 8.78 | 98.5 | 95.0 | Pass |
| 728 | ME 2000 | 958.0 | S | 0.2 | 2080 | 9.0 | 1986 | 10.75 | 95.5 | 95.0 | Pass |
| 729 | ME 2050 | 958.0 | S | 0.2 | 2080 | 9.0 | 1982 | 10.72 | 95.3 | 95.0 | Pass |
| 730 | ME 2100 | 958.0 | S | 0.2 | 2080 | 9.0 | 2022 | 6.02 | 97.2 | 95.0 | Pass |
| 731 | ME 2200 | 958.0 | S | 0.2 | 2080 | 9.0 | 2002 | 7.12 | 96.3 | 95.0 | Pass |
| 732 | ME 2250 | 958.0 | S | 0.2 | 2080 | 9.0 | 2044 | 7.84 | 98.3 | 95.0 | Pass |
| 733 | ME 2300 | 958.0 | S | 0.2 | 2080 | 9.0 | 1989 | 7.62 | 95.6 | 95.0 | Pass |
| 734 | ME 23050 | 958.0 | S | 0.2 | 2080 | 9.0 | 2011 | 8.25 | 96.7 | 95.0 | Pass |
| 735 | ME 2400 | 958.0 | S | 0.2 | 2080 | 9.0 | 2001 | 6.98 | 96.2 | 95.0 | Pass |
| 736 | ME 2450 | 958.0 | S | 0.2 | 2080 | 9.0 | 2126 | 7.21 | 102.2 | 95.0 | Pass |
| 737 | ME 2500 | 958.0 | S | 0.2 | 2080 | 9.0 | 2045 | 7.68 | 98.3 | 95.0 | Pass |
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| 739 | ME 2600 | 958.0 | S | 0.2 | 2080 | 9.0 | 2162 | 7.85 | 103.9 | 95.0 | Pass |
| 740 | ME 2650 | 958.0 | S | 0.2 | 2080 | 9.0 | 2062 | 8.05 | 99.1 | 95.0 | Pass |
| 741 | ME 2700 | 958.0 | S | 0.2 | 2080 | 9.0 | 2144 | 8.62 | 103.1 | 95.0 | Pass |
| 742 | ME 1950 | 958.0 | S | 0.2 | 2080 | 9.0 | 2064 | 9.44 | 99.2 | 95.0 | Pass |
| 743 | ME 1900 | 958.0 | S | 0.2 | 2080 | 9.0 | 1995 | 9.10 | 95.9 | 95.0 | Pass |
| 744 | ME 1850 | 958.0 | S | 0.2 | 2080 | 9.0 | 2018 | 9.59 | 97.0 | 95.0 | Pass |
| 745 | ME 1800 | 958.0 | S | 0.2 | 2080 | 9.0 | 2036 | 9.44 | 97.9 | 95.0 | Pass |
| 746 | ME 1750 | 958.0 | S | 0.2 | 2080 | 9.0 | 2032 | 8.93 | 97.7 | 95.0 | Pass |
| 747 | ME 1700 | 958.0 | S | 0.2 | 2080 | 9.0 | 2101 | 8.80 | 101.0 | 95.0 | Pass |

| | | | | | | | | | | | |
|-------------------|--|--|---|--|------|--------------------|--------|-------|-------|------|------|
| 748 | ME 1650 | 958.0 | S | 0.2 | 2080 | 9.0 | 1992 | 8.02 | 95.8 | 95.0 | Pass |
| 749 | ME 1600 | 958.0 | S | 0.2 | 2080 | 9.0 | 2023 | 9.62 | 97.3 | 95.0 | Pass |
| 750 | SE 1550 | 958.0 | S | 0.2 | 2080 | 9.0 | 1977 | 10.44 | 95.0 | 95.0 | Pass |
| 751 | SE 1580 | 958.0 | S | 0.2 | 2080 | 9.0 | 1992 | 10.92 | 95.8 | 95.0 | Pass |
| 752 | SE 1500 | 958.0 | S | 0.2 | 2080 | 9.0 | 1985 | 8.69 | 95.4 | 95.0 | Pass |
| 753 | SE 1450 | 958.0 | S | 0.2 | 2080 | 9.0 | 2056 | 7.51 | 98.8 | 95.0 | Pass |
| 754 | SE 1400 | 958.0 | S | 0.2 | 2080 | 9.0 | 2069 | 7.63 | 99.5 | 95.0 | Pass |
| 755 | SE 1350 | 958.0 | S | 0.2 | 2080 | 9.0 | 2133 | 8.61 | 102.5 | 95.0 | Pass |
| 756 | SE 1300 | 958.0 | S | 0.2 | 2080 | 9.0 | 2088 | 6.65 | 100.4 | 95.0 | Pass |
| 757 | SE 1250 | 958.0 | S | 0.2 | 2080 | 9.0 | 2161 | 5.96 | 103.9 | 95.0 | Pass |
| 758 | SE 1200 | 958.0 | S | 0.2 | 2080 | 9.0 | 2017 | 9.09 | 97.0 | 95.0 | Pass |
| 759 | SE 1150 | 958.0 | S | 0.2 | 2080 | 9.0 | 2011 | 8.88 | 96.7 | 95.0 | Pass |
| 760 | SE 1100 | 958.0 | S | 0.2 | 2080 | 9.0 | 2030 | 7.81 | 97.6 | 95.0 | Pass |
| 761 | SE 1050 | 958.0 | S | 0.2 | 2080 | 9.0 | 2061 | 7.62 | 99.1 | 95.0 | Pass |
| 762 | SE 1000 | 958.0 | S | 0.2 | 2080 | 9.0 | 2131 | 8.66 | 102.5 | 95.0 | Pass |
| 763 | SE 0950 | 958.0 | S | 0.2 | 2080 | 9.0 | 2086 | 5.95 | 100.3 | 95.0 | Pass |
| 764 | SE 0900 | 958.0 | S | 0.2 | 2080 | 9.0 | 1995 | 8.68 | 95.9 | 95.0 | Pass |
| 765 | SE 0850 | 958.0 | S | 0.2 | 2080 | 9.0 | 2031 | 9.61 | 97.6 | 95.0 | Pass |
| 766 | SE 0800 | 958.0 | S | 0.2 | 2080 | 9.0 | 2044 | 8.66 | 98.3 | 95.0 | Pass |
| 767 | SE 0750 | 958.0 | S | 0.2 | 2080 | 9.0 | 2125 | 8.86 | 102.2 | 95.0 | Pass |
| 768 | SE 0700 | 958.0 | S | 0.2 | 2080 | 9.0 | 2112 | 8.86 | 101.5 | 95.0 | Pass |
| 769 | SE 0650 | 958.0 | S | 0.2 | 2080 | 9.0 | 2011 | 8.62 | 96.7 | 95.0 | Pass |
| 770 | SE 0600 | 958.0 | S | 0.2 | 2080 | 9.0 | 2321 | 8.12 | 111.6 | 95.0 | Pass |
| 771 | SE 0550 | 958.0 | S | 0.2 | 2080 | 9.0 | 2018 | 7.92 | 97.0 | 95.0 | Pass |
| 772 | SE 0500 | 958.0 | S | 0.2 | 2080 | 9.0 | 2125 | 8.25 | 102.2 | 95.0 | Pass |
| 773 | SE 0450 | 958.0 | S | 0.2 | 2080 | 9.0 | 2014 | 9.02 | 96.8 | 95.0 | Pass |
| | | | | | | Minimum | 1825.0 | 2.7 | 87.7 | | |
| | | | | | | Maximum | 2671.0 | 60.9 | 128.4 | | |
| | | | | | | Median | 2114.0 | 9.0 | 101.6 | | |
| | | | | | | Standard Deviation | 77.0 | 3.1 | 3.7 | | |
| | | | | | | Average | 2114.5 | 9.1 | 101.7 | | |
| Comments: | Proctor No.: | Proctor Description: | | | | | | | | | |
| Number of Tests: | | Kg/m ³ | M.C. | 95% | | | | | | | |
| 766 | R-S6b-ZS-01-2010 R-S6b-ZS-02-2010 R-S6b-ZS-2(b)-2010 R-S6b-ZS-04-2010 R-S6b-ZS-05-2010 R-S6b-ZS-06-2010 R-S6b-ZS-07-2010 R-S6b-ZS-08-2010 R-S6b-ZS-09-2010 R-S6b-ZS-10-2010 R-S6b-ZS-11-2010 R-S6b-ZS-12-2010 | 2030 2190 2170 2130 2140 2120 2080 2080 2140 2070 2110 2140 | 11.0 7.0 8.0 9.0 8.5 8.0 10.0 10.0 9.0 10.0 10.0 9.0 | 1929 2081 2062 2024 2033 2014 1976 1976 2033 1967 2005 2033 | | | | | | | |
| Technician: _____ | DS: _____ | MS: _____ | Gauge No: MD70208639 | Daily Rep.# _____ | | | | | | | |

APPENDIX C

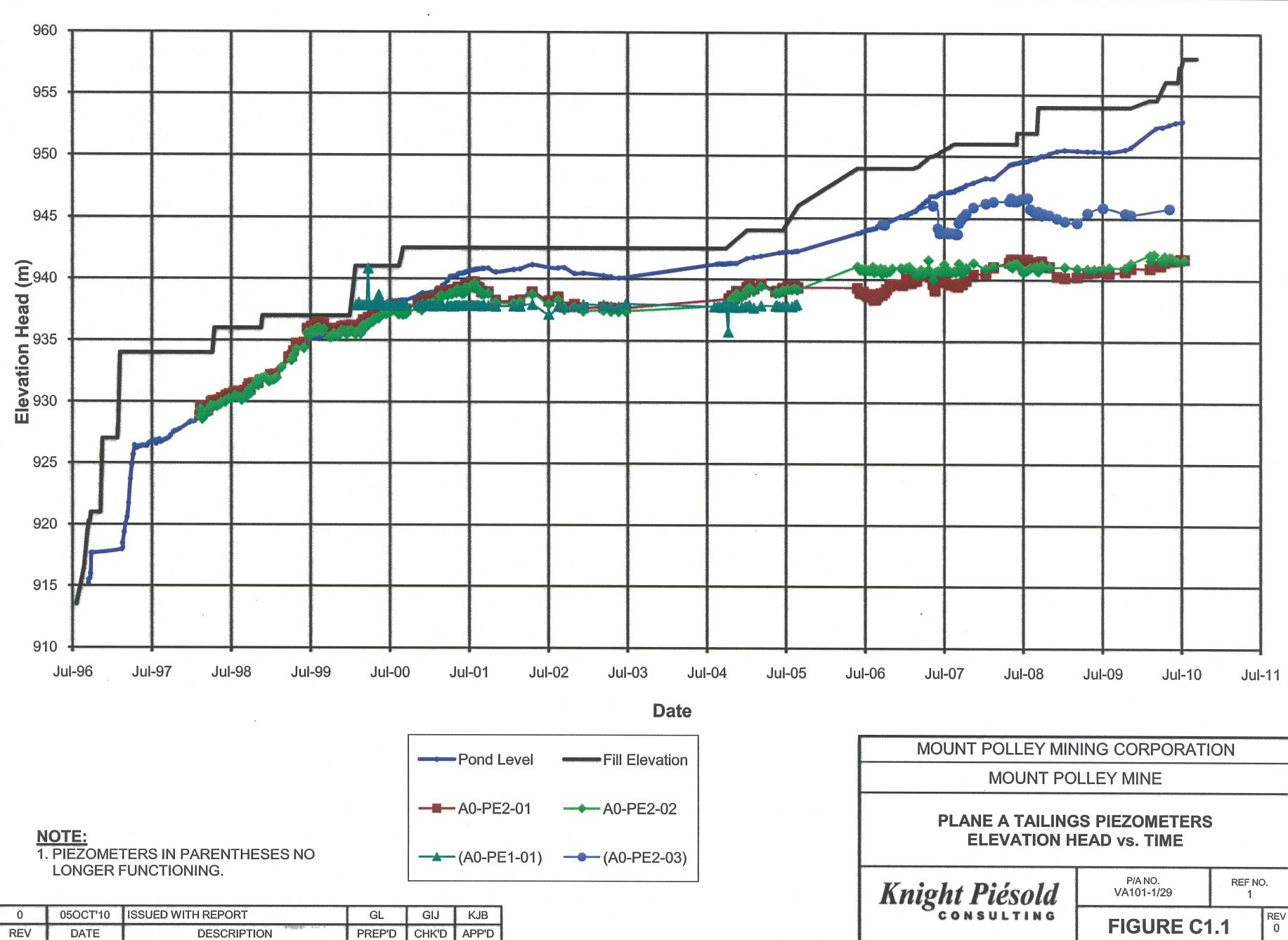
PIEZOMETER FIGURES

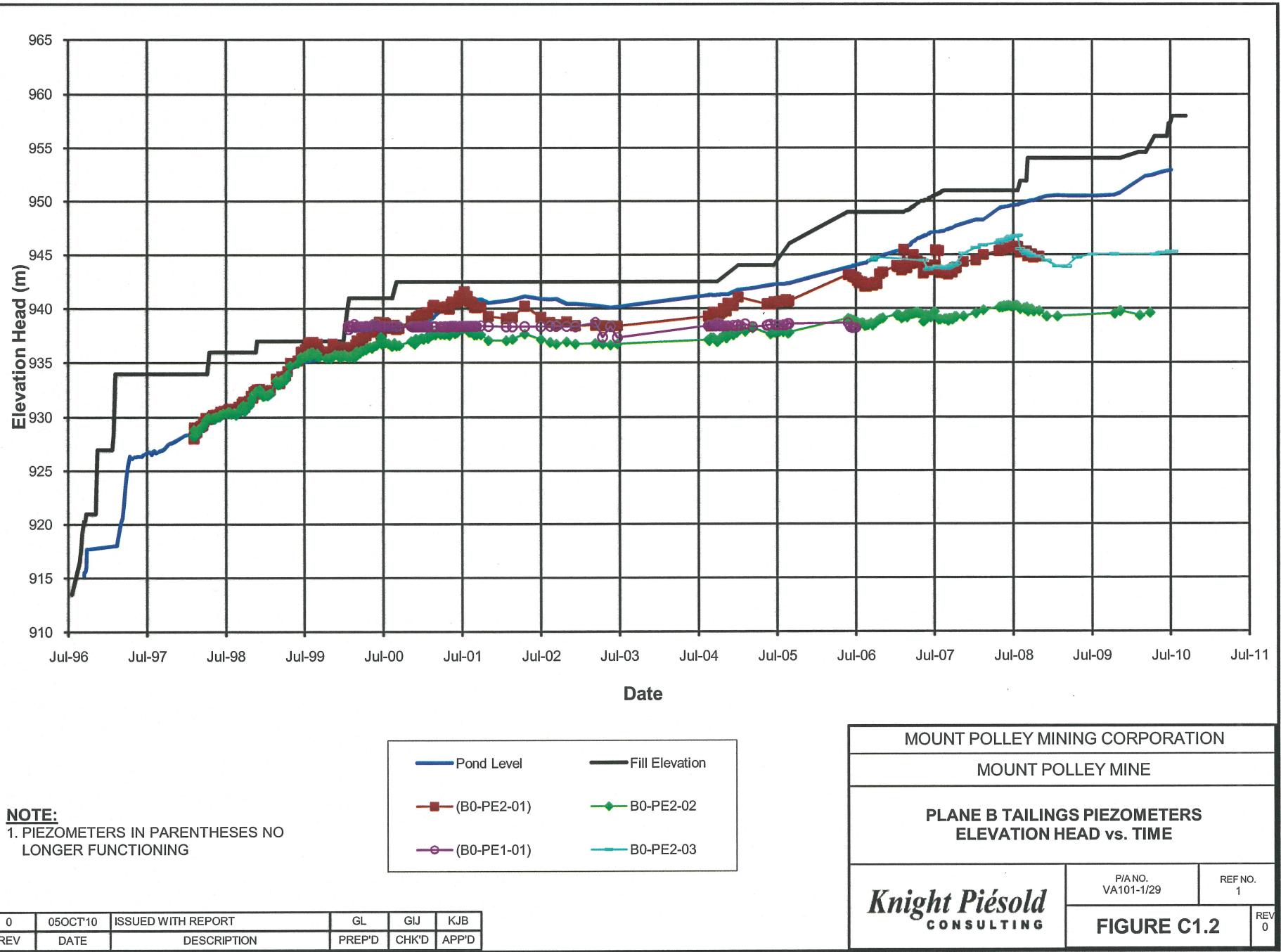
- Appendix C1 Tailings Piezometers
- Appendix C2 Foundation Piezometers
- Appendix C3 Fill Piezometers
- Appendix C4 Drain Piezometers

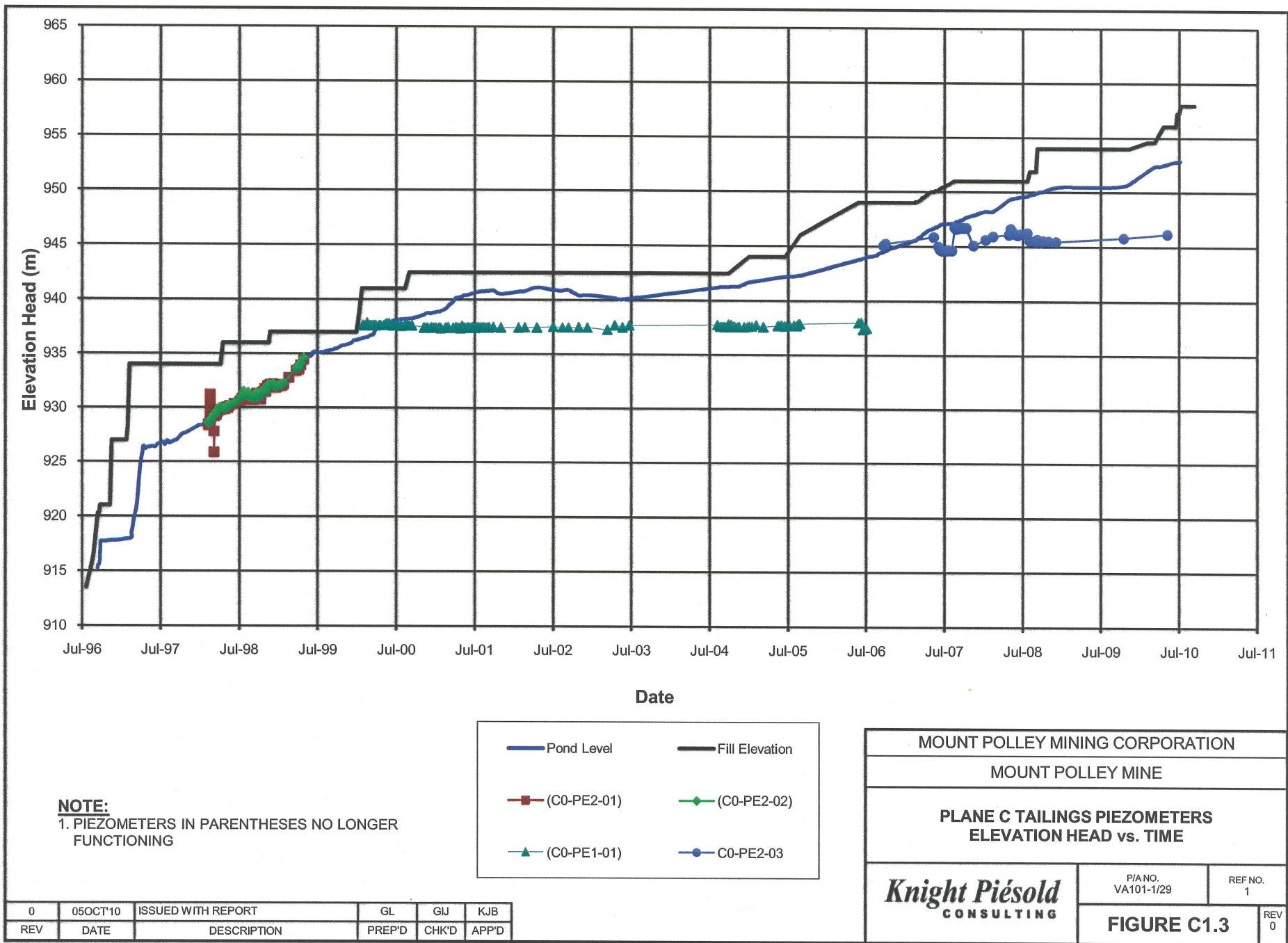
APPENDIX C1

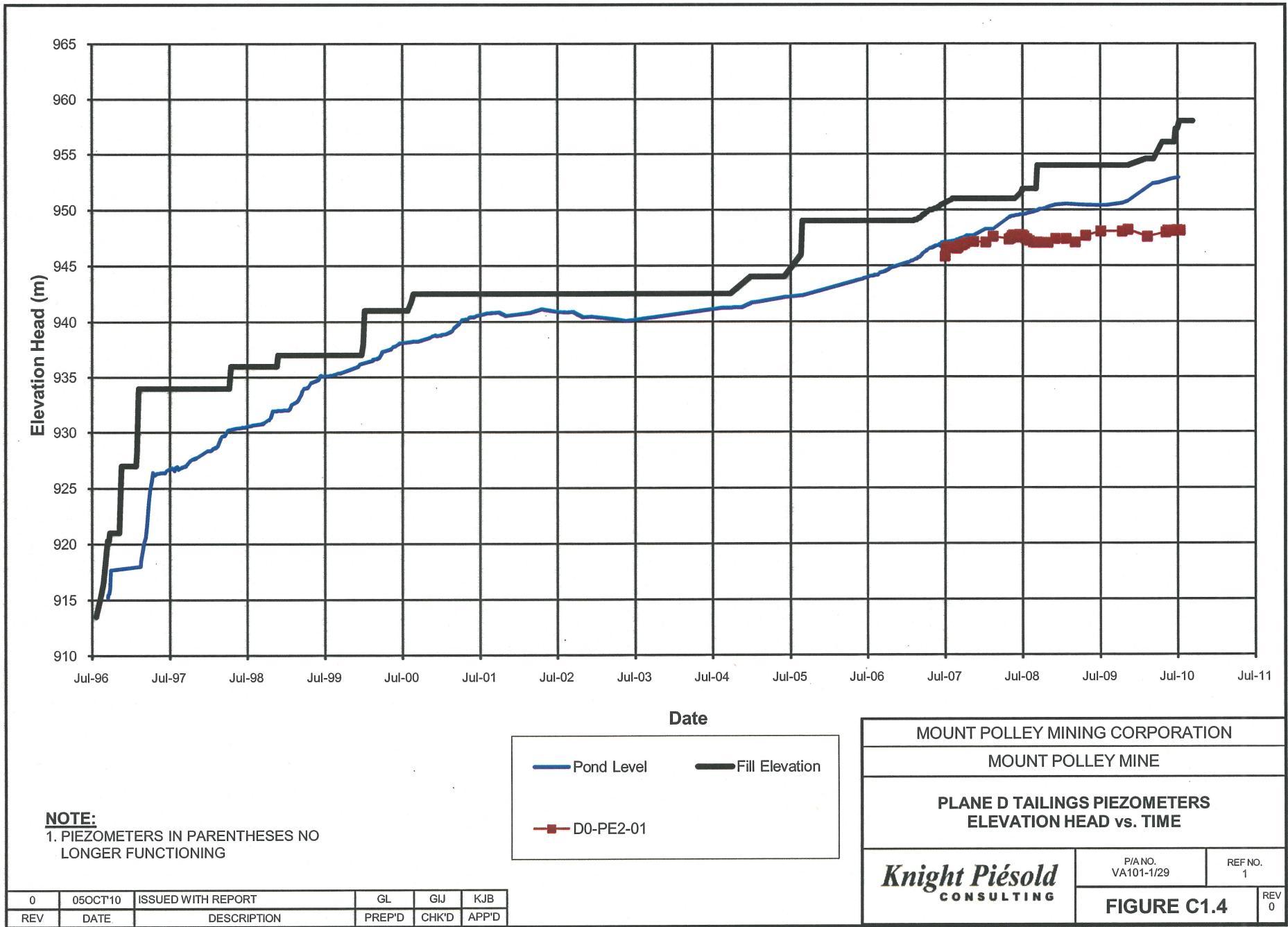
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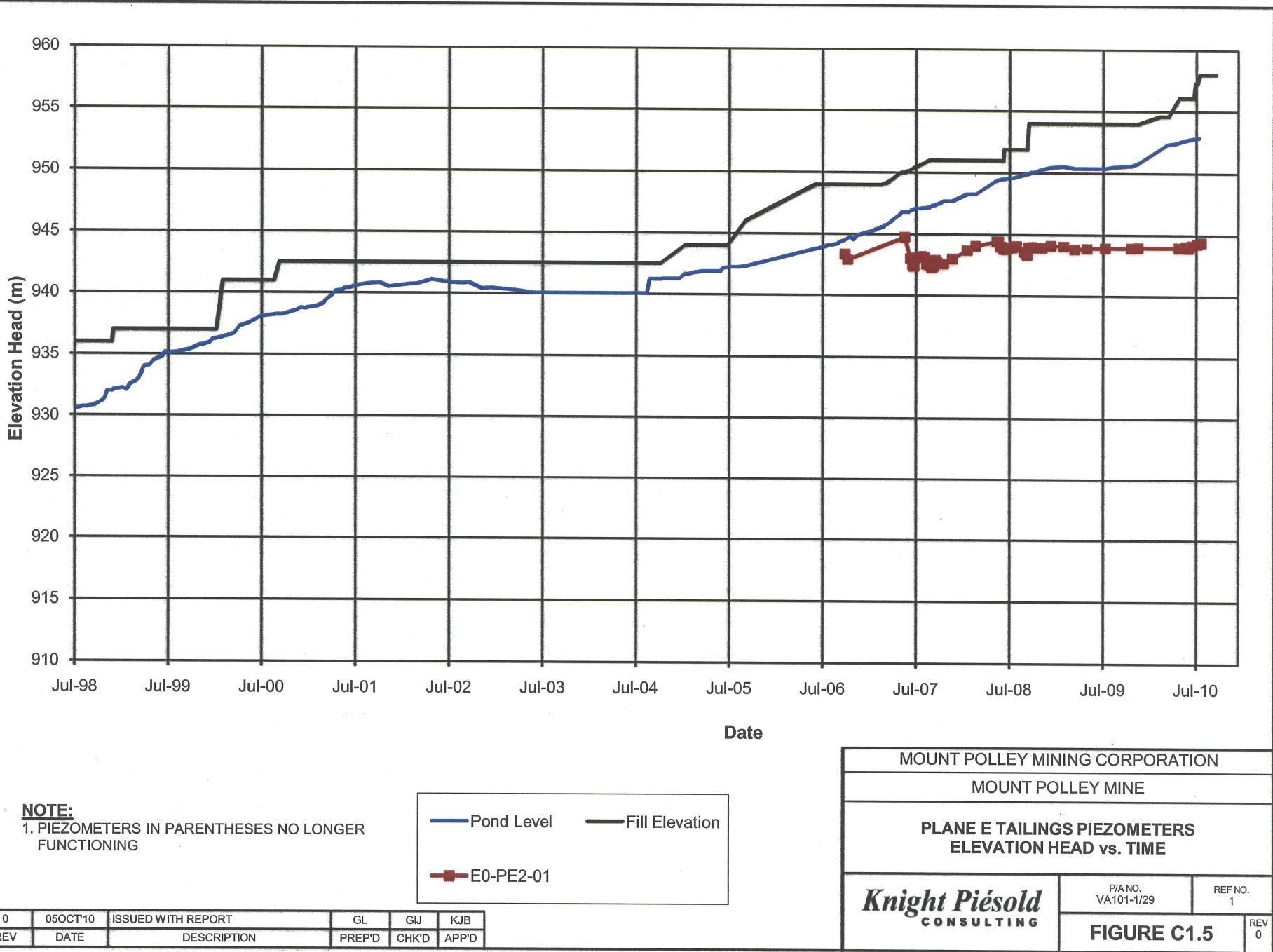
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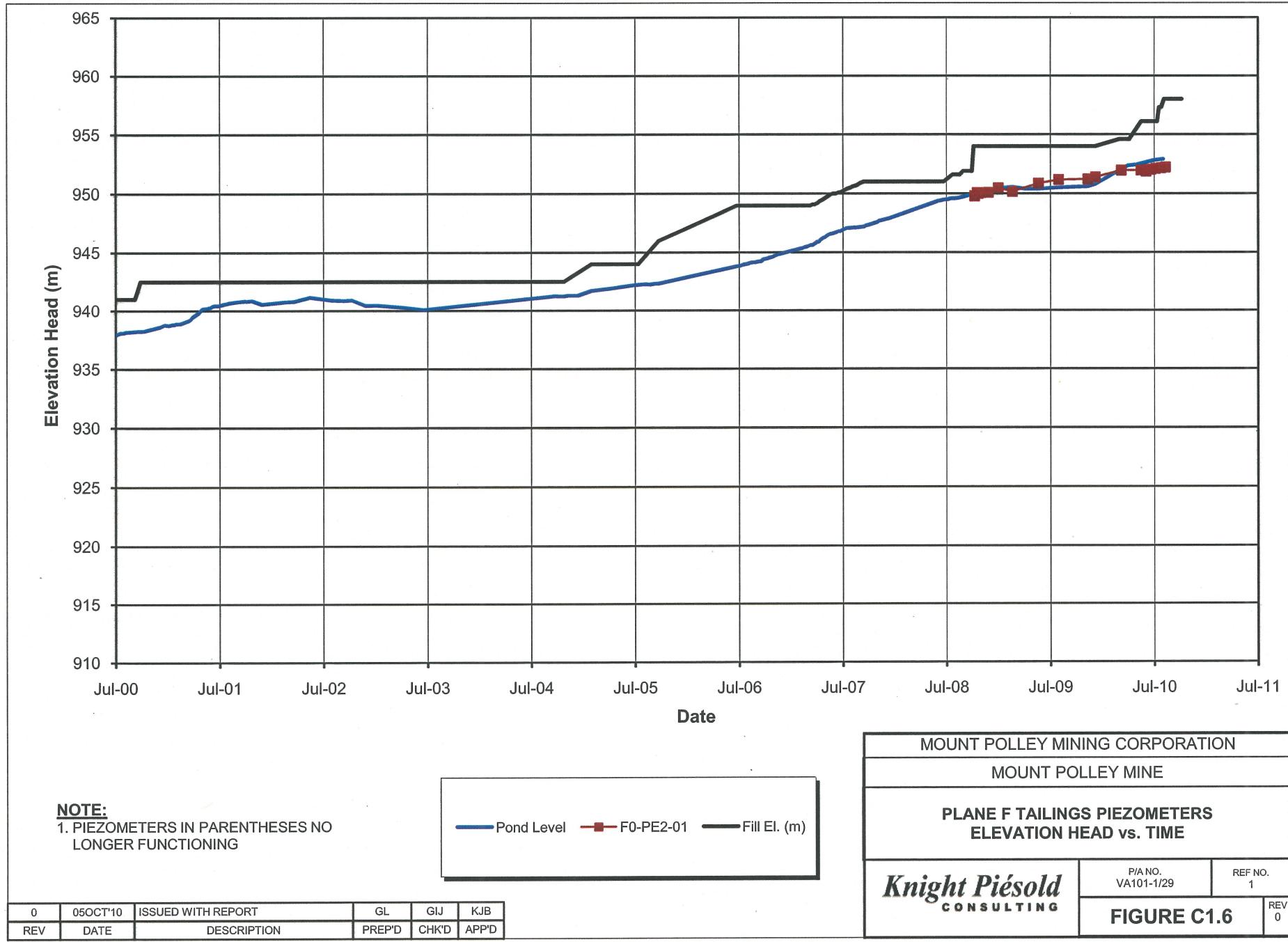


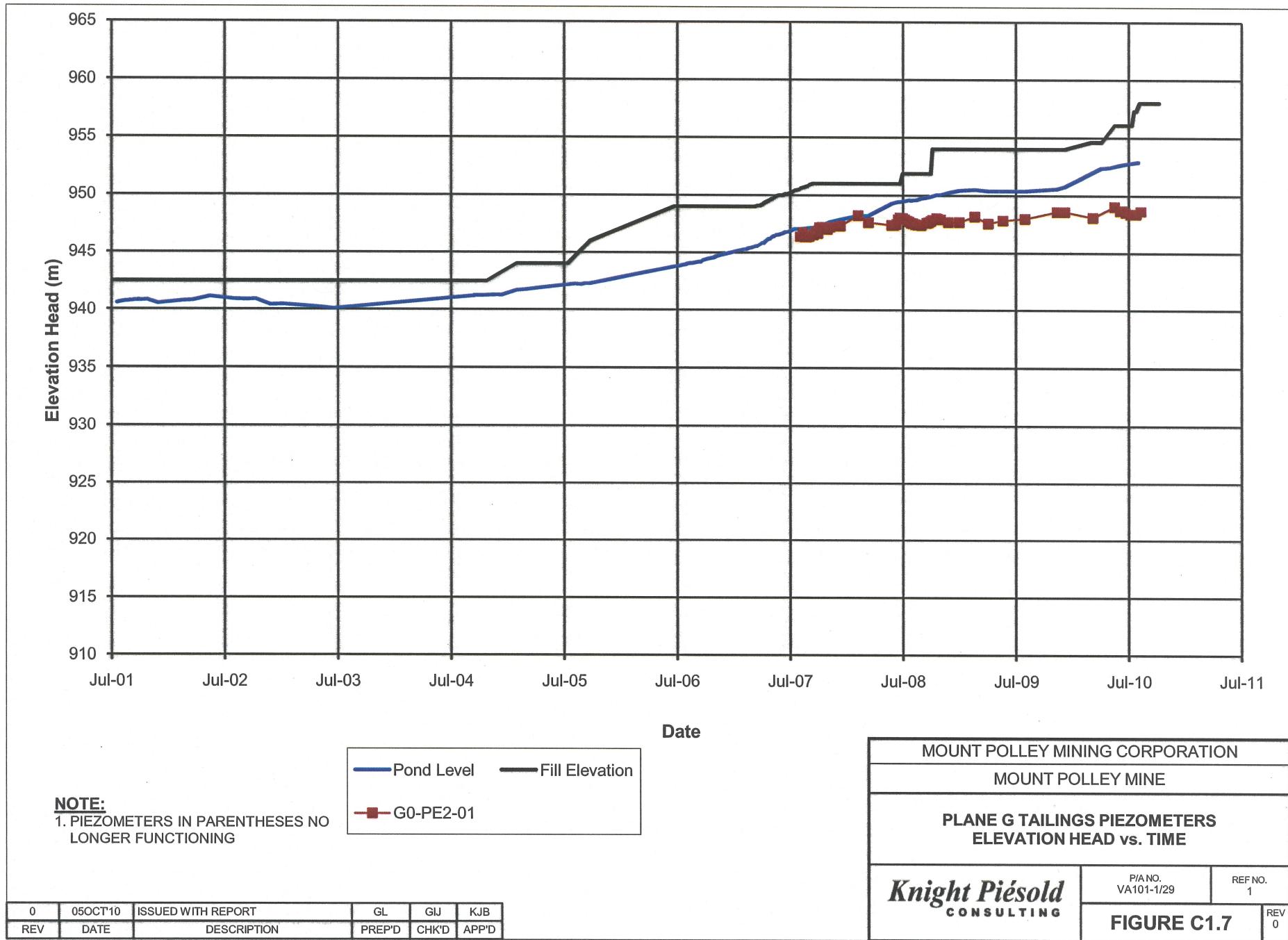


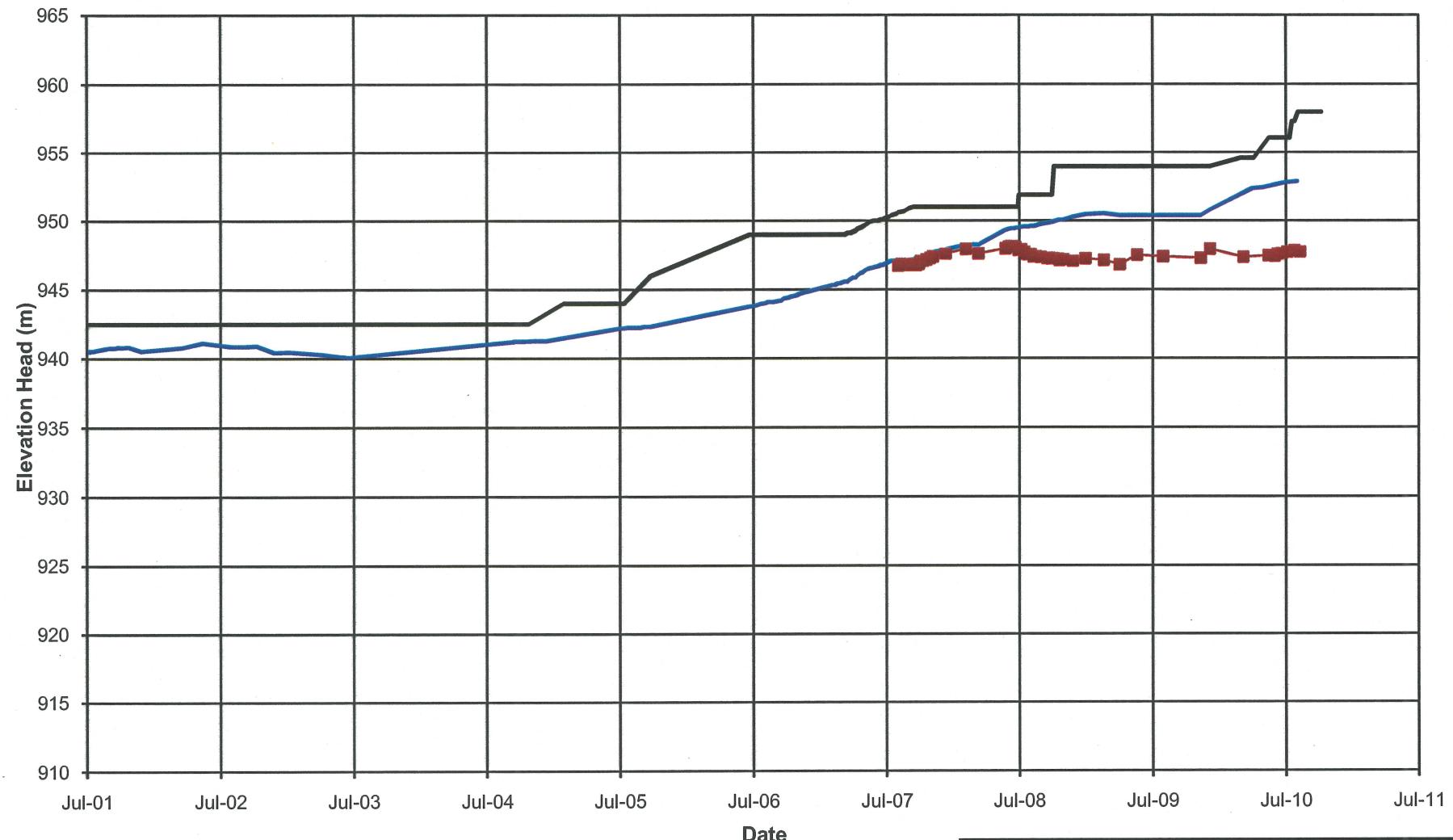










**NOTE:**

1. PIEZOMETERS IN PARENTHESES NO LONGER
FUNCTIONING

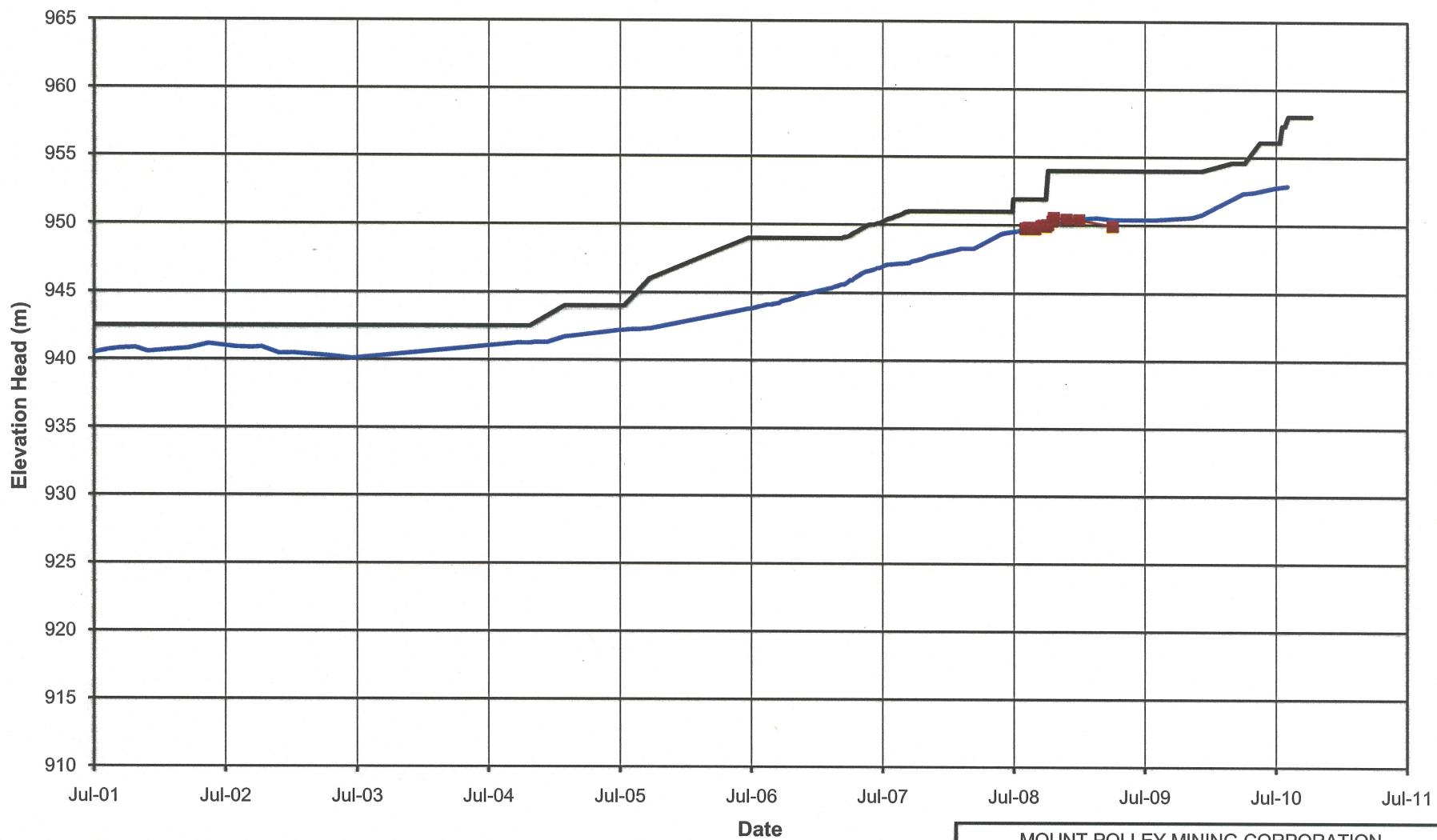
| | |
|--------------|------------------|
| — Pond Level | — Fill Elevation |
| — H0-PE2-01 | |

MOUNT POLLEY MINING CORPORATION

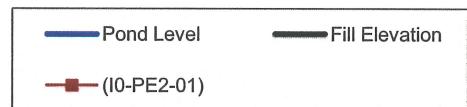
MOUNT POLLEY MINE

**PLANE H TAILINGS PIEZOMETERS
ELEVATION HEAD vs. TIME**
Knight Piésold
CONSULTING
P/A NO.
VA101-1/29REF NO.
1**FIGURE C1.8**REV
0

| 0 | 05OCT10 | ISSUED WITH REPORT | GL | GIJ | KJB |
|-----|---------|--------------------|--------|-------|-------|
| REV | DATE | DESCRIPTION | PREP'D | CHK'D | APP'D |

**NOTE:**

1. PIEZOMETERS IN PARENTHESES NO LONGER FUNCTIONING



MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

PLANE I TAILINGS PIEZOMETERS
ELEVATION HEAD vs. TIME

Knight Piésold
CONSULTING

P/A NO.
VA101-1/29REF NO.
1

FIGURE C1.9

REV
0

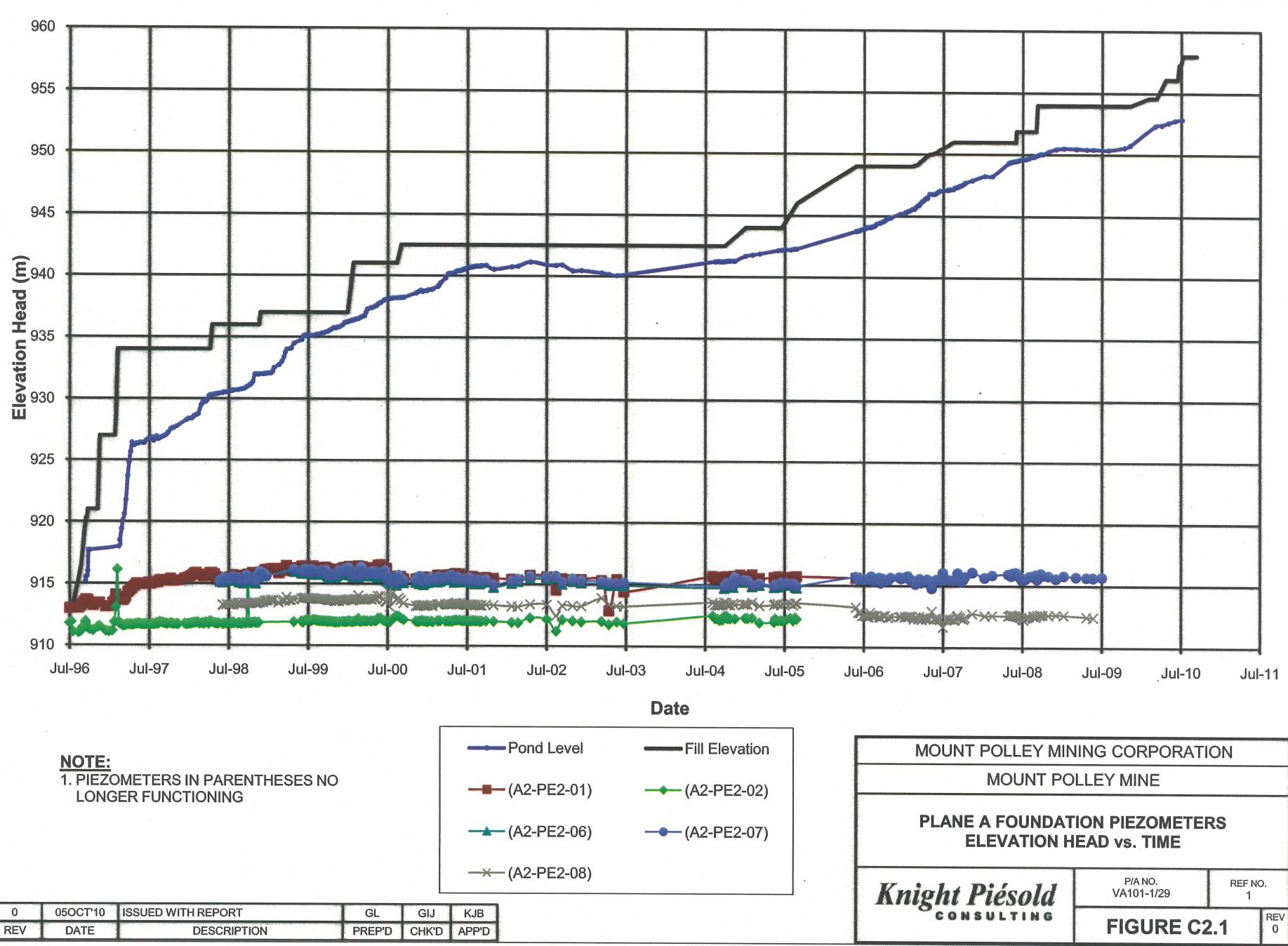
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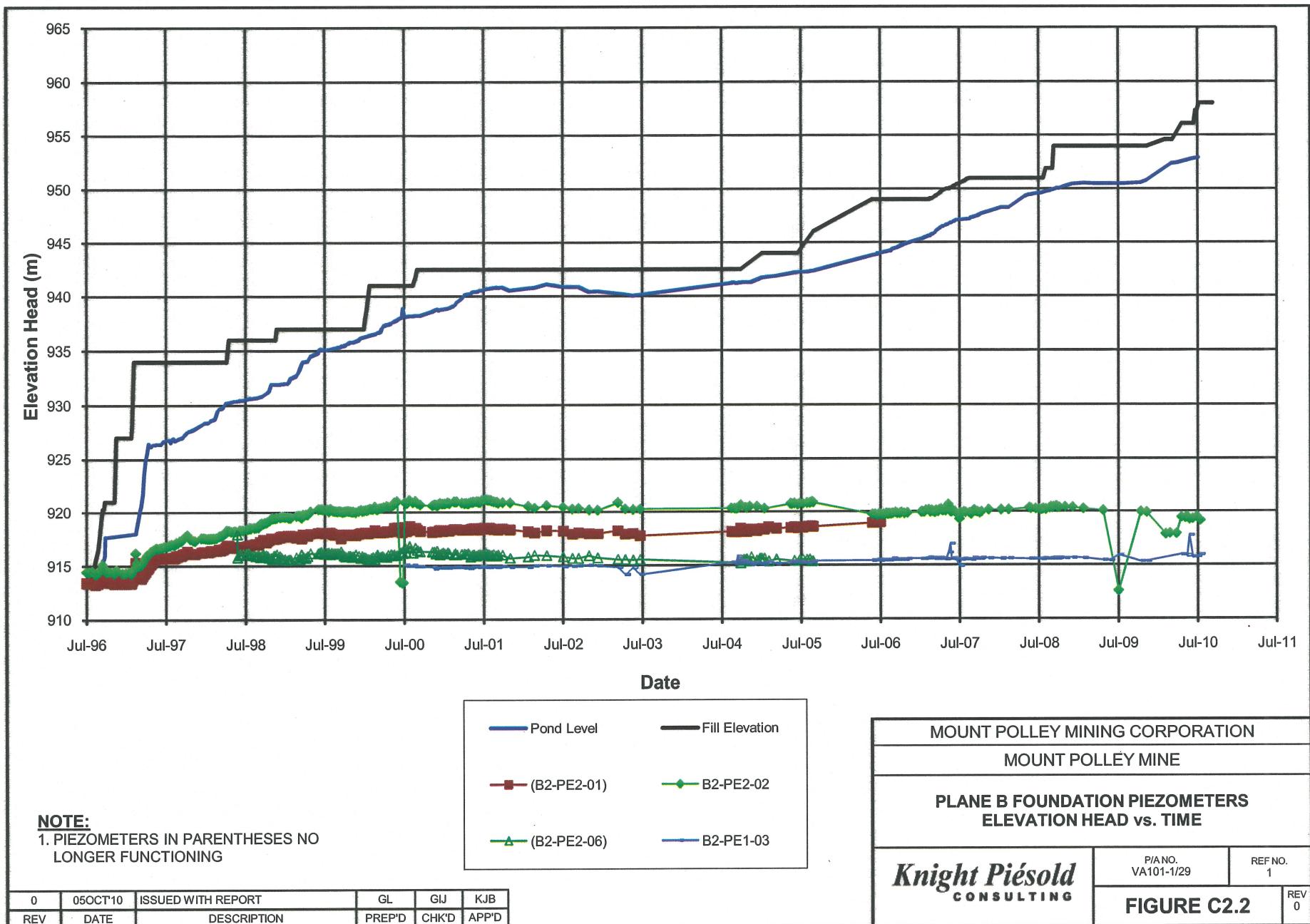


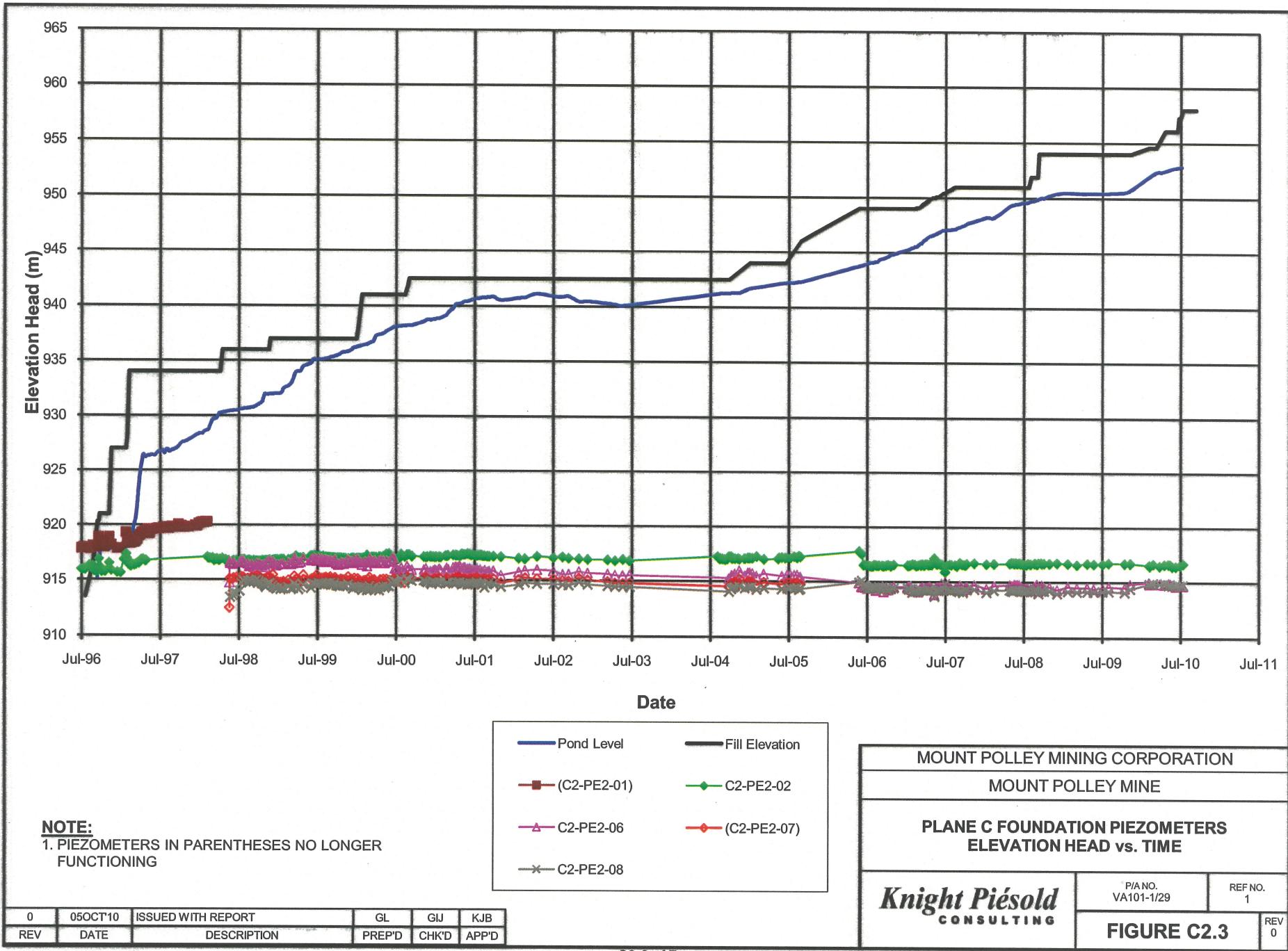
APPENDIX C2

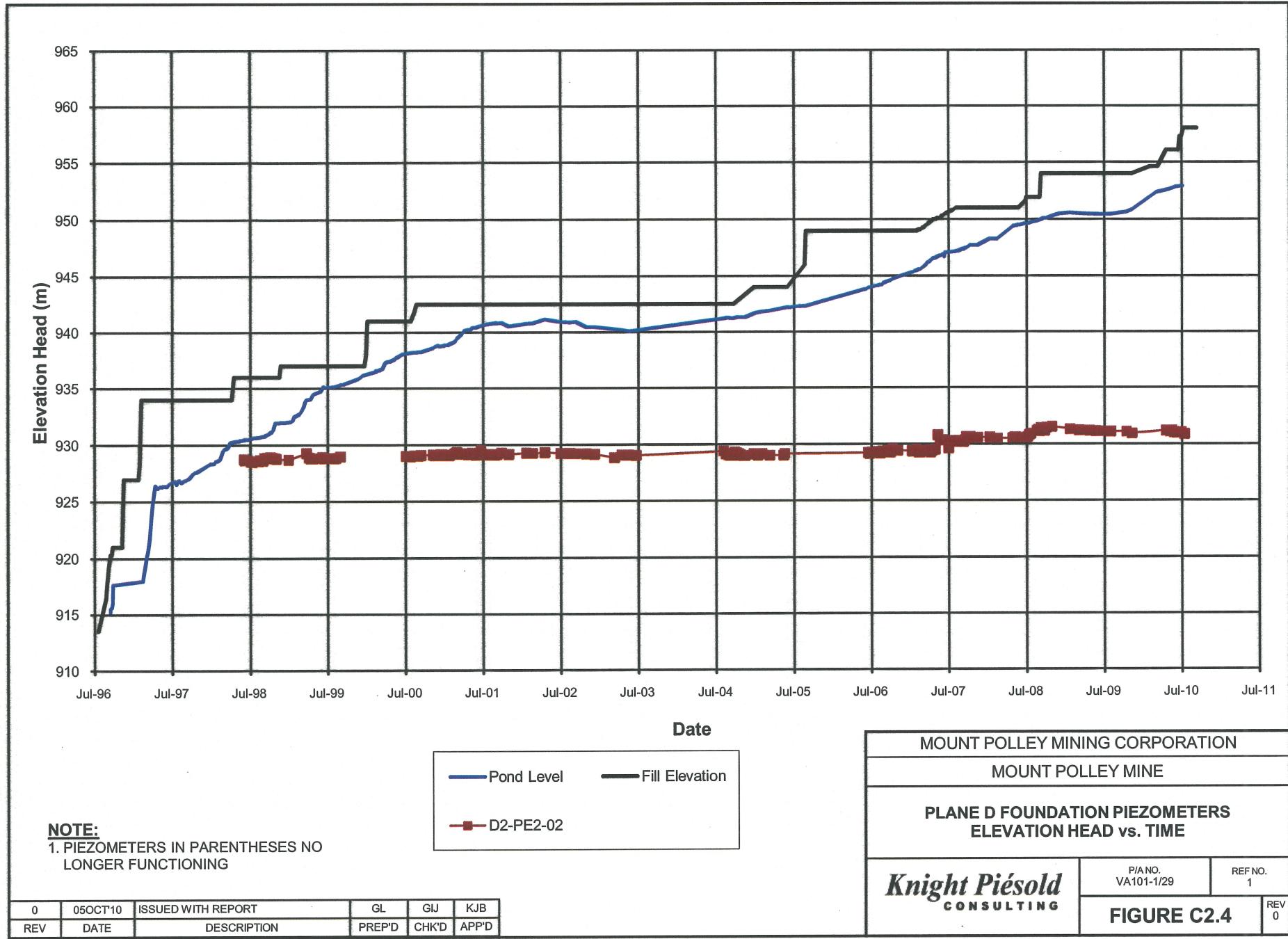
FOUNDATION PIEZOMETERS

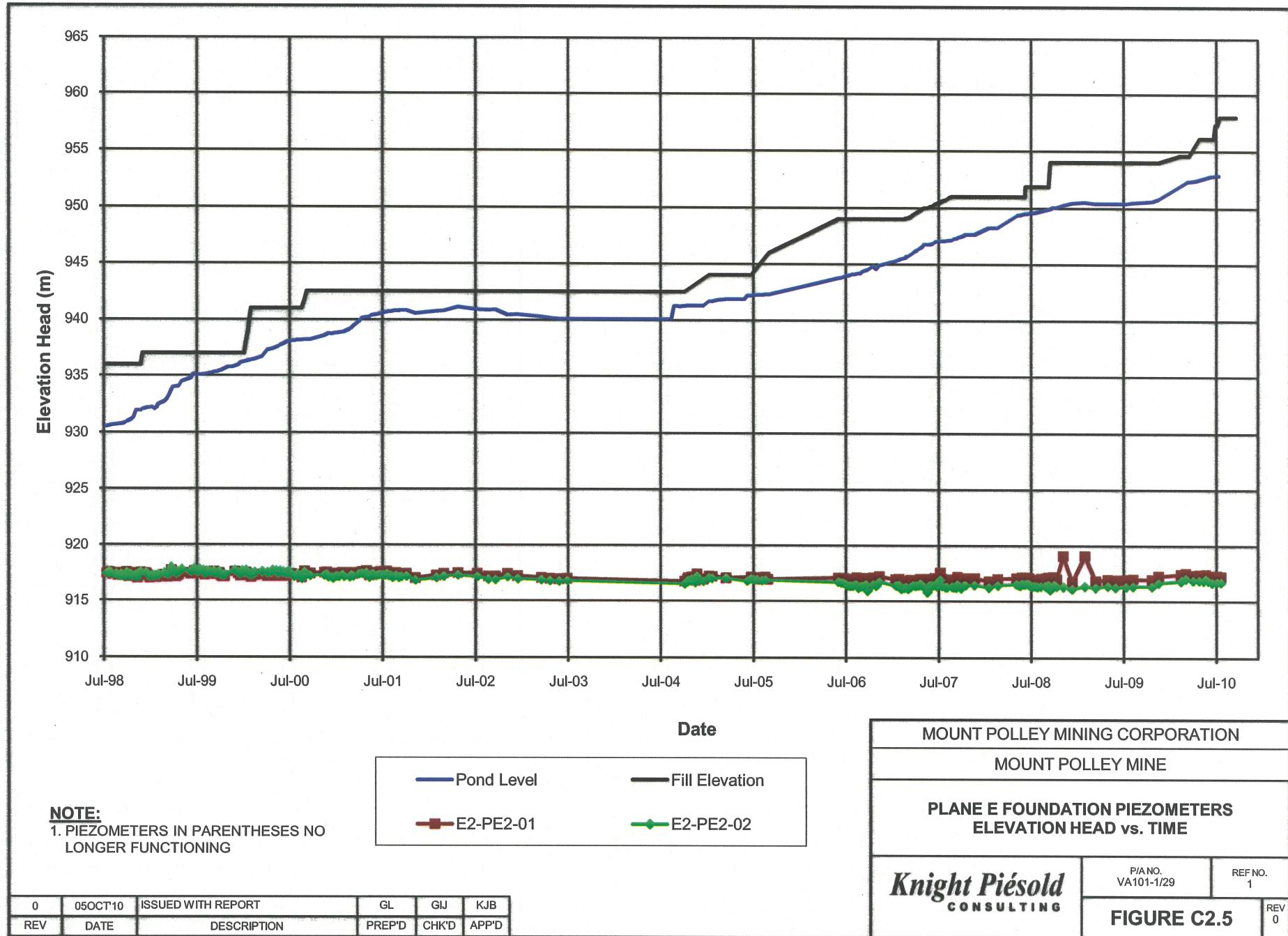
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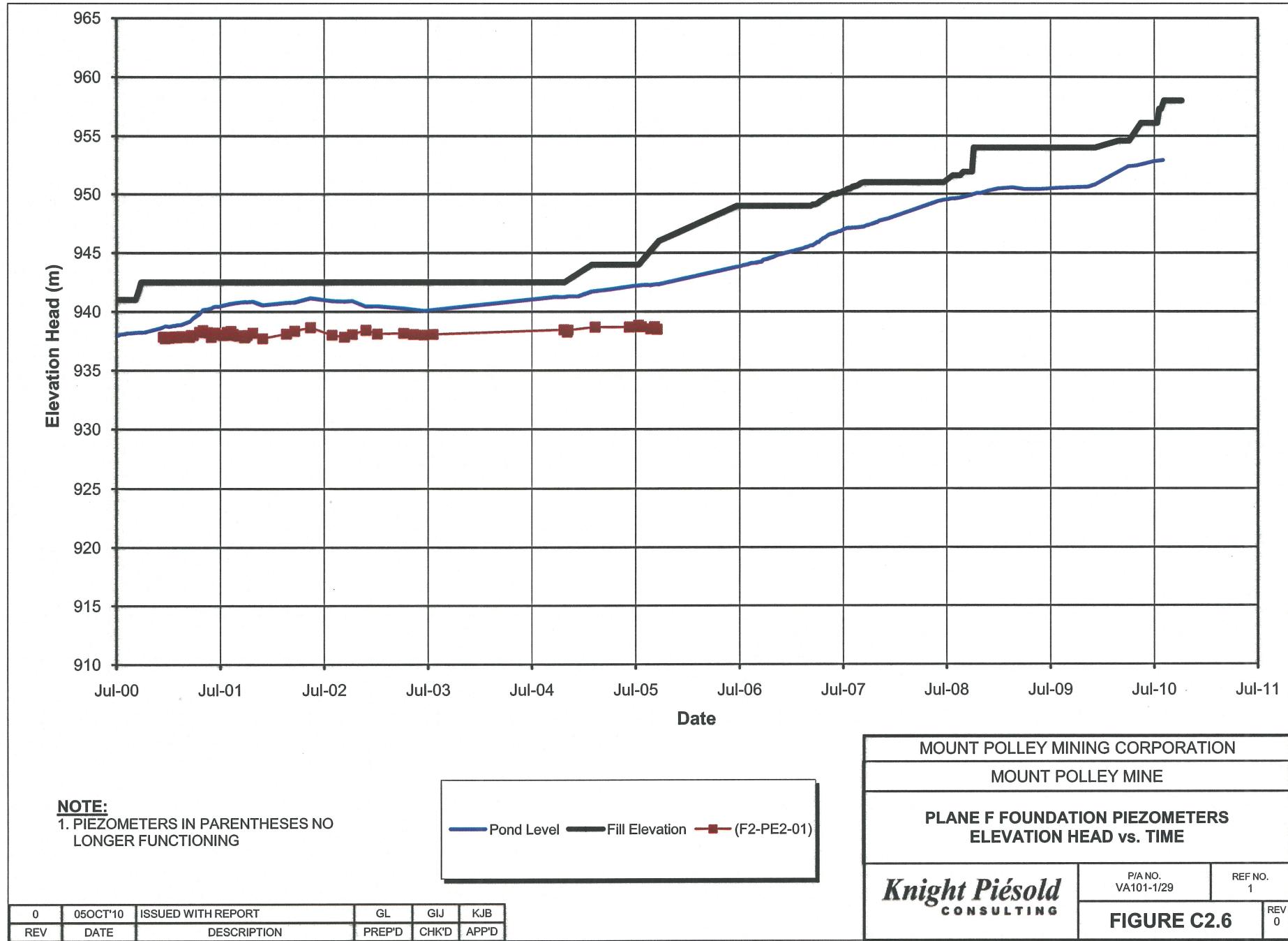


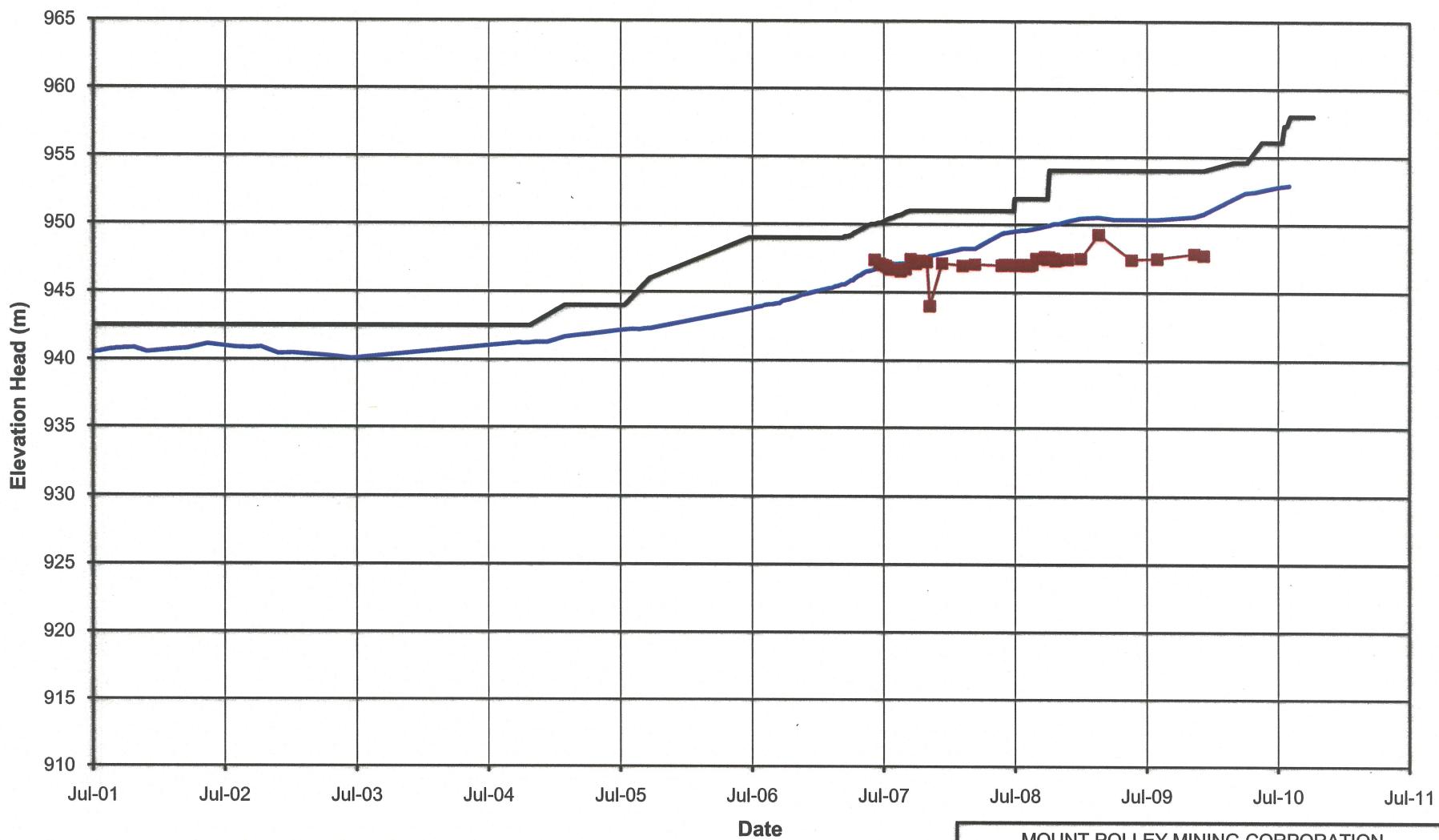




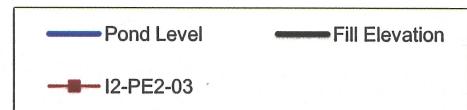






**NOTE:**

1. PIEZOMETERS IN PARENTHESES NO
LONGER FUNCTIONING



MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

**PLANE I FOUNDATION PIEZOMETERS
ELEVATION HEAD vs. TIME**
Knight Piésold
CONSULTINGP/A NO.
VA101-1/29REF NO.
1**FIGURE C2.7**REV
0

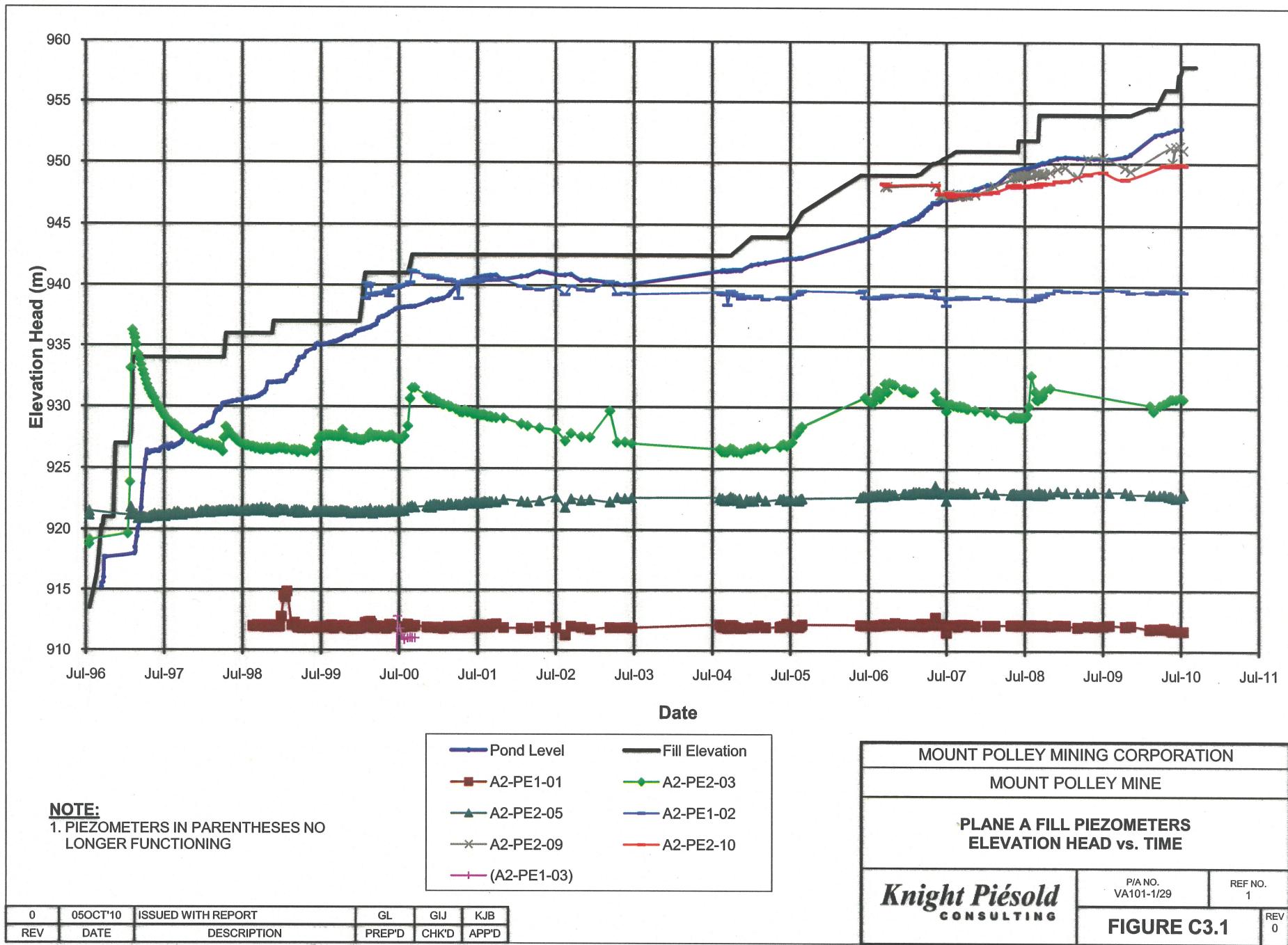
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| 0 | 05OCT'10 | ISSUED WITH REPORT | GL | GIJ | KGB |
| REV | DATE | DESCRIPTION | PREP'D | CHK'D | APP'D |



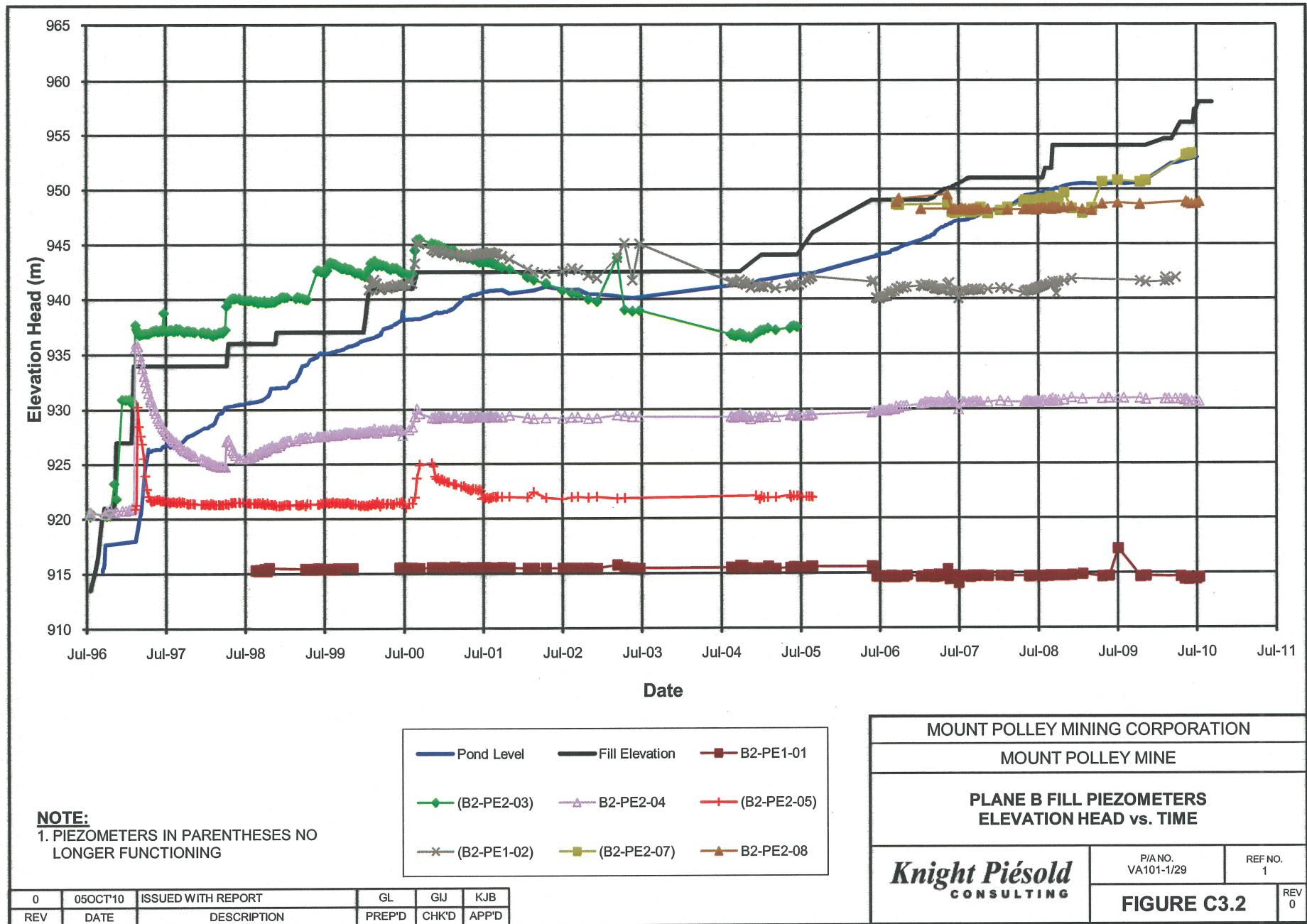
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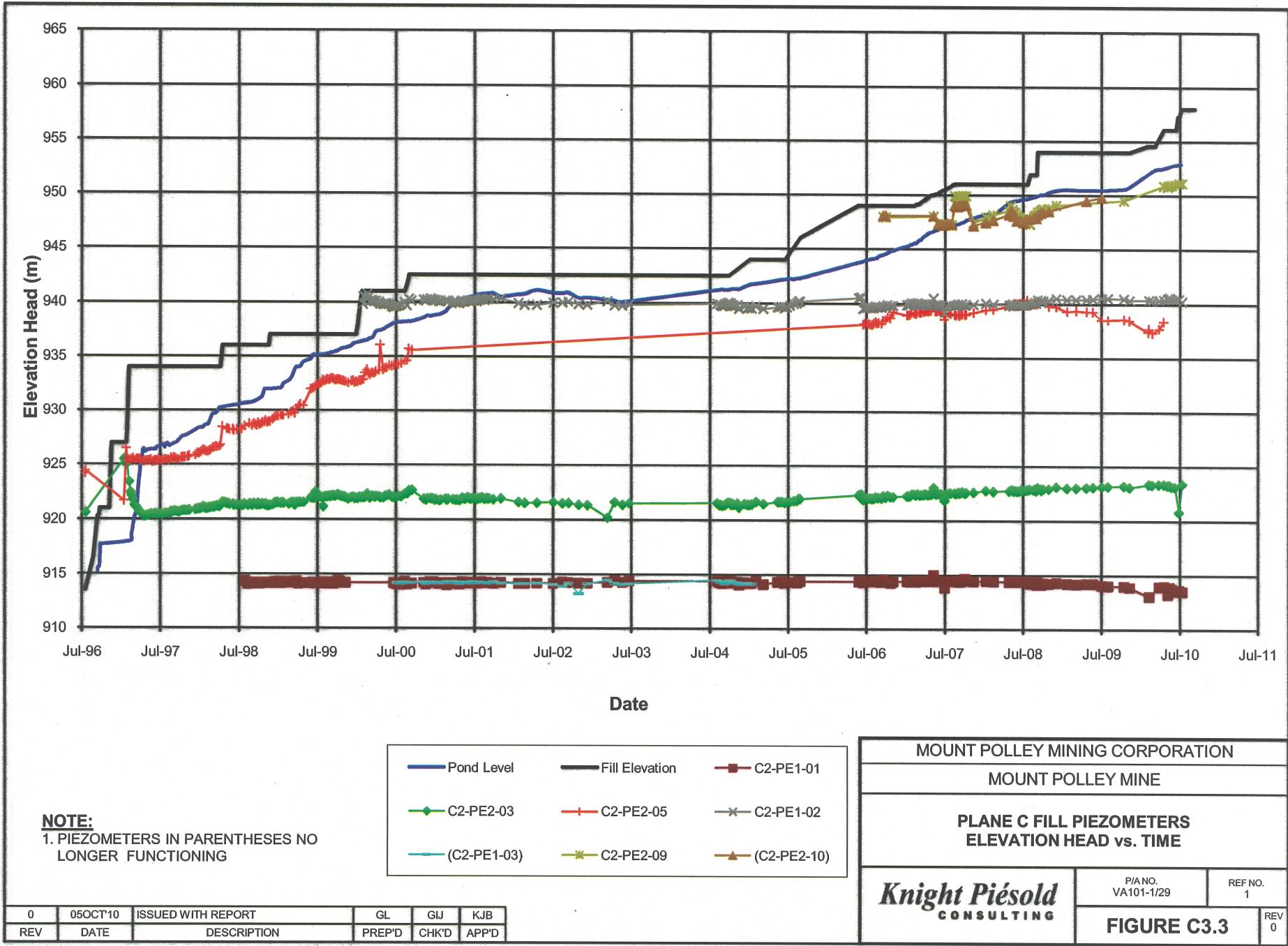
FILL PIEZOMETERS

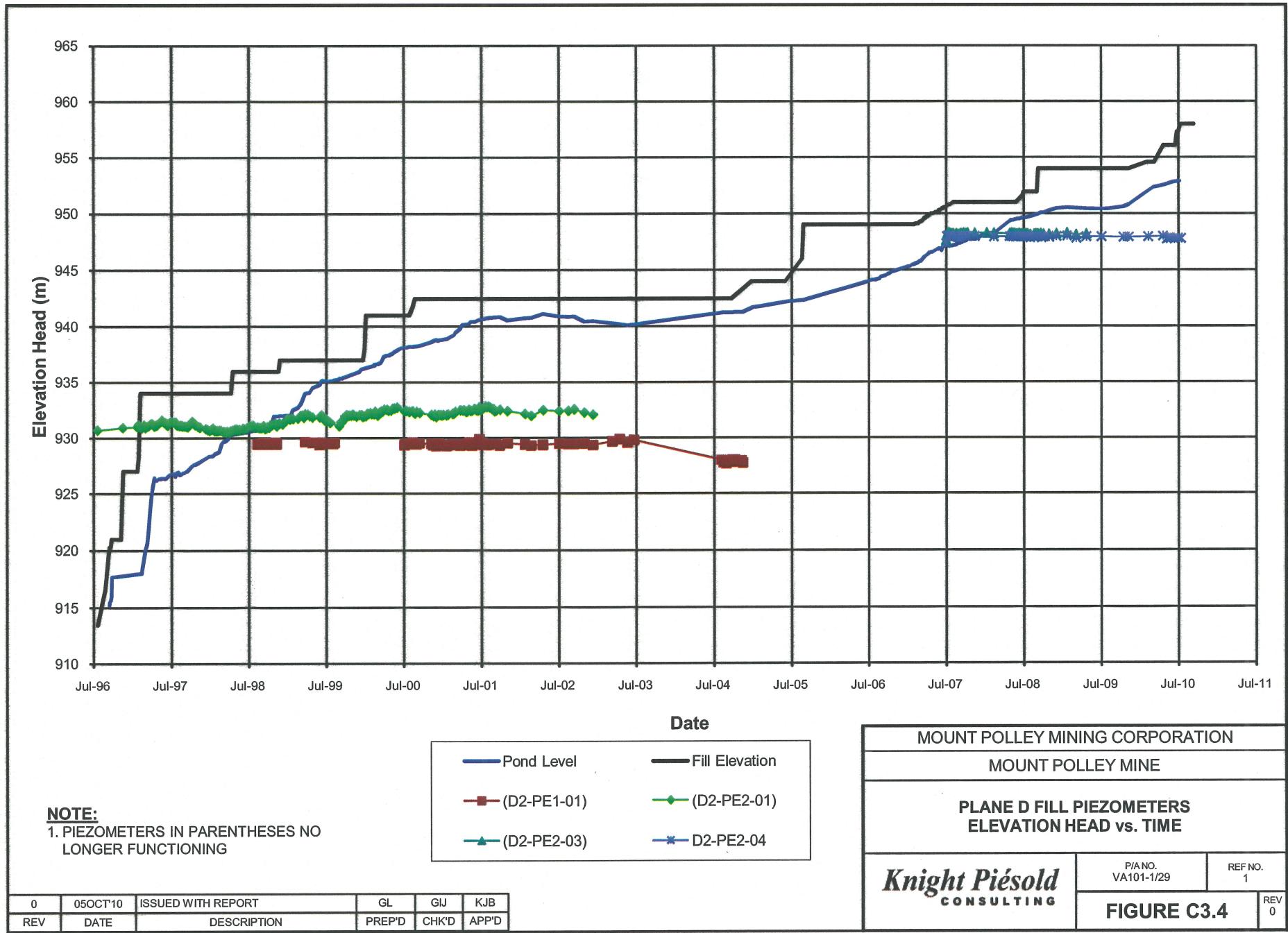
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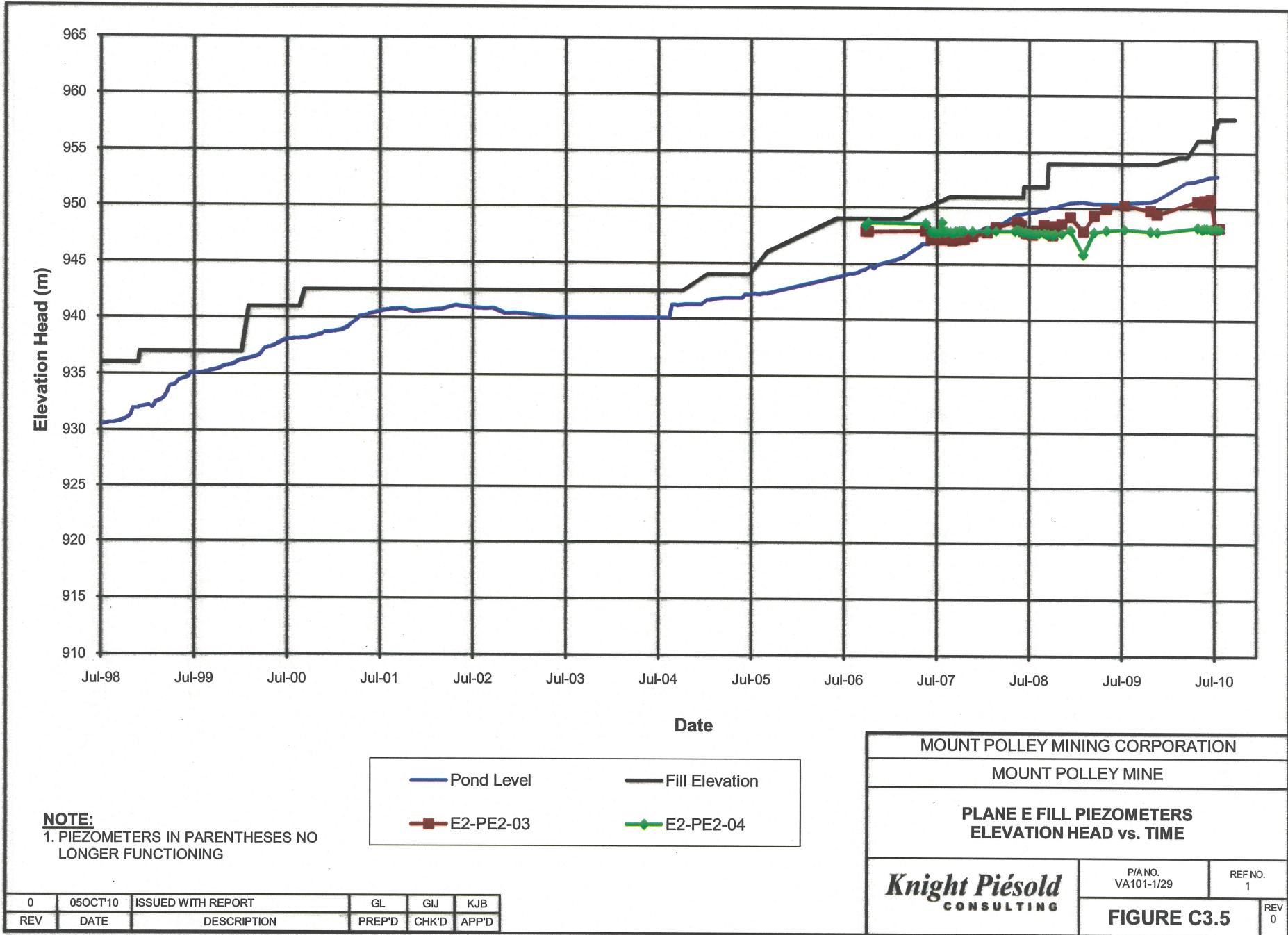


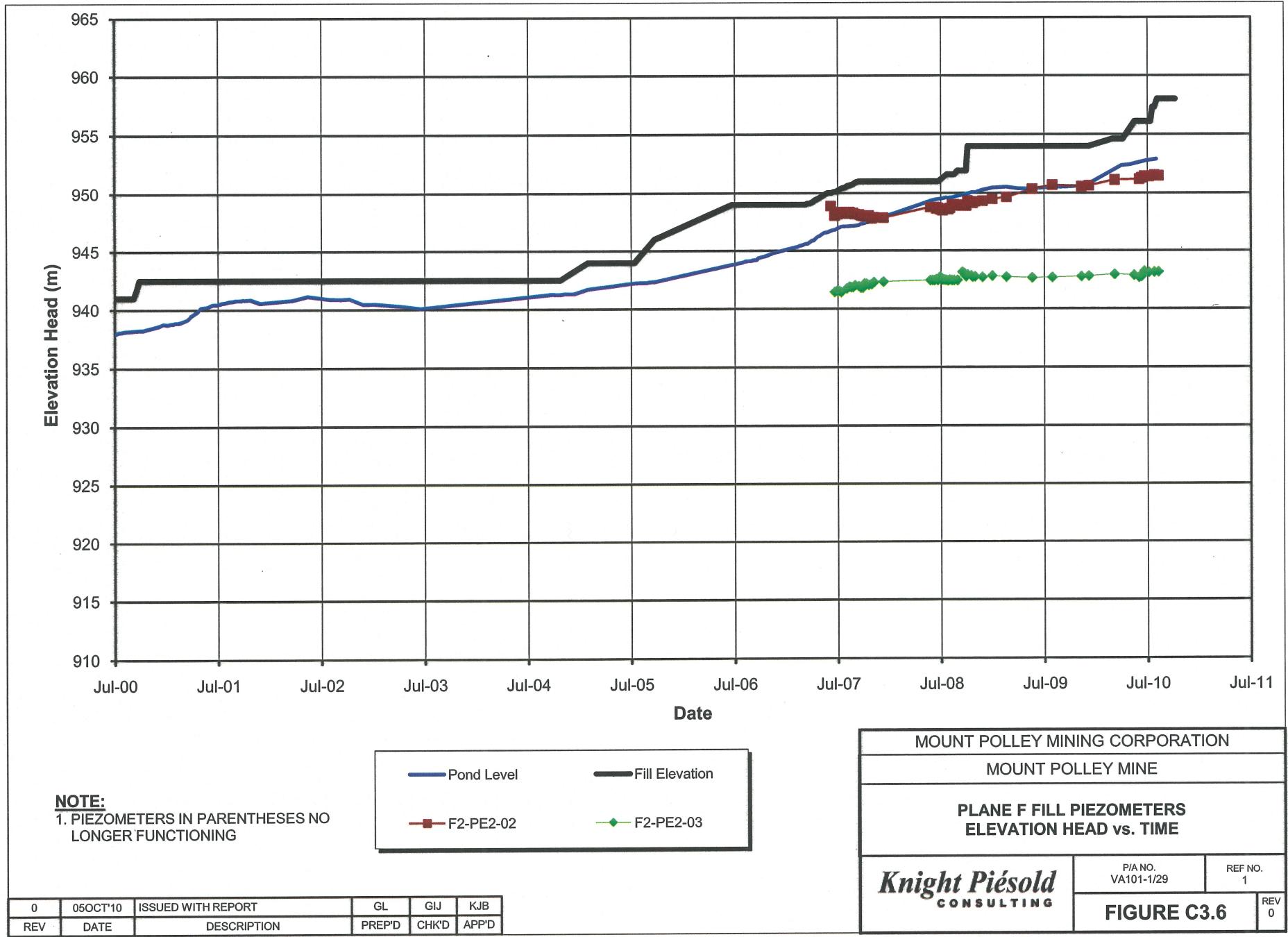
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| REV | DATE | DESCRIPTION | PREP'D | CHK'D | APP'D |

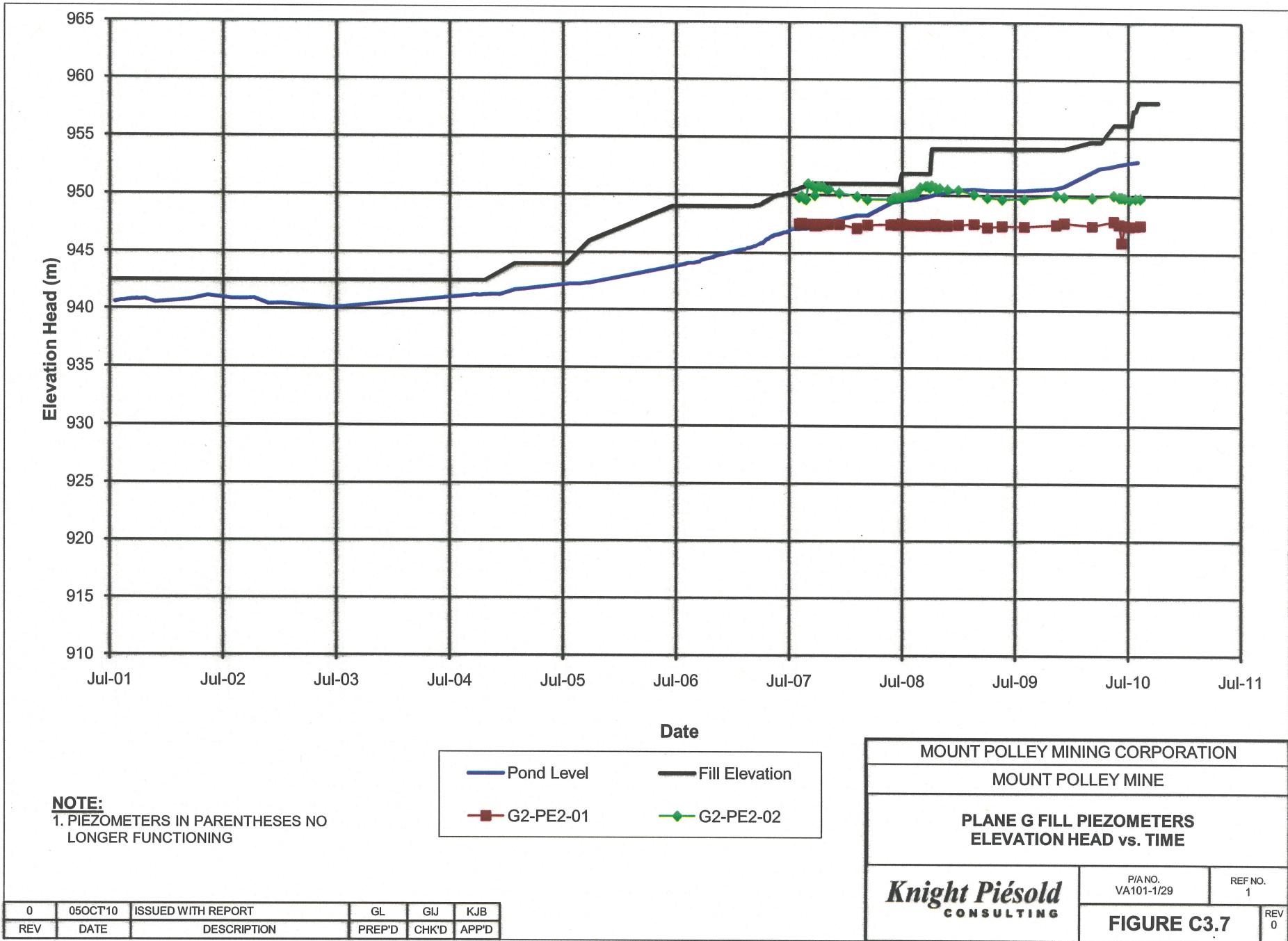


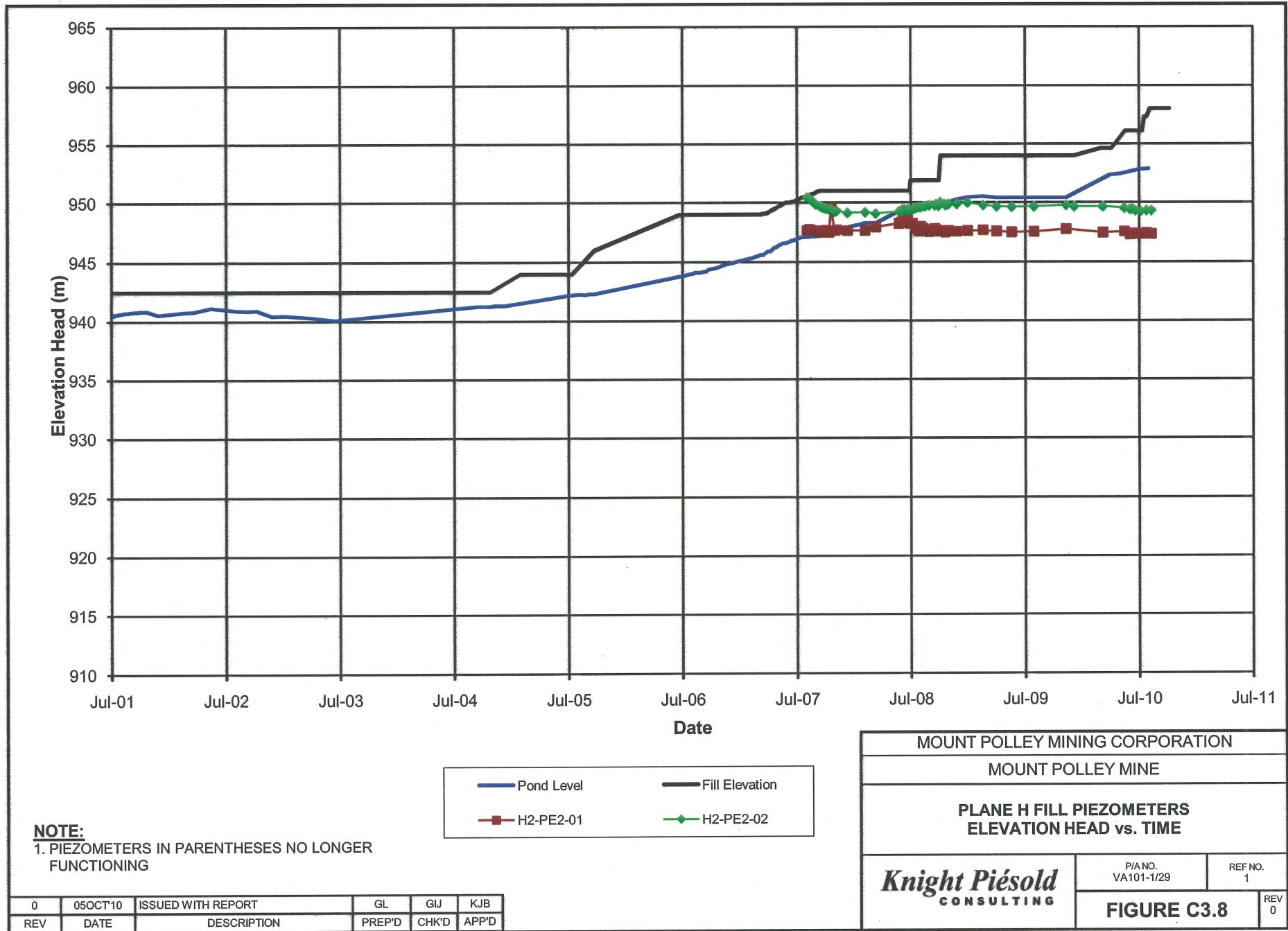


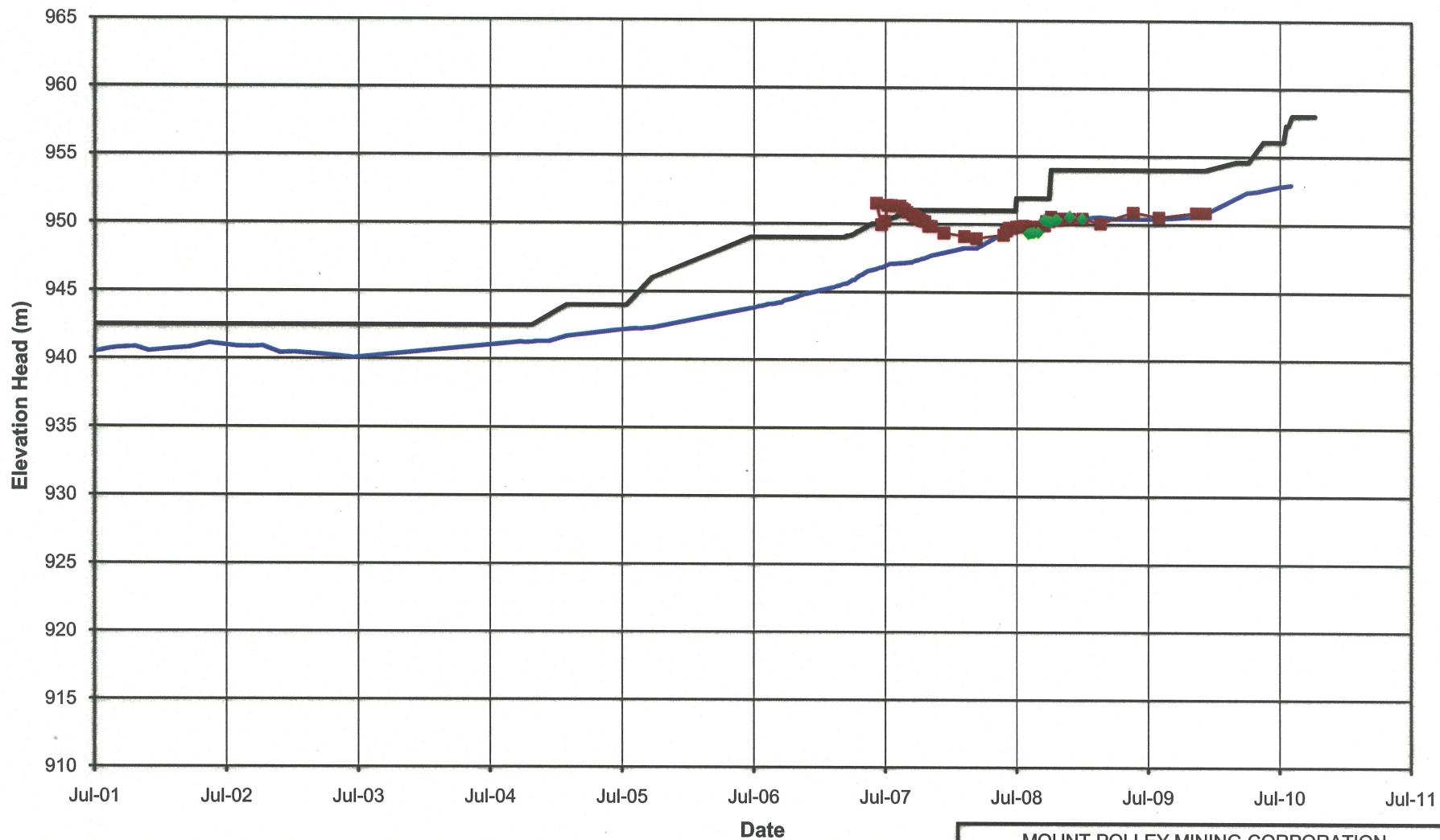










**NOTE:**

1. PIEZOMETERS IN PARENTHESES NO LONGER FUNCTIONING

| | |
|--------------|------------------|
| — Pond Level | — Fill Elevation |
| — I2-PE2-02 | — (I2-PE2-01) |
| | |

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

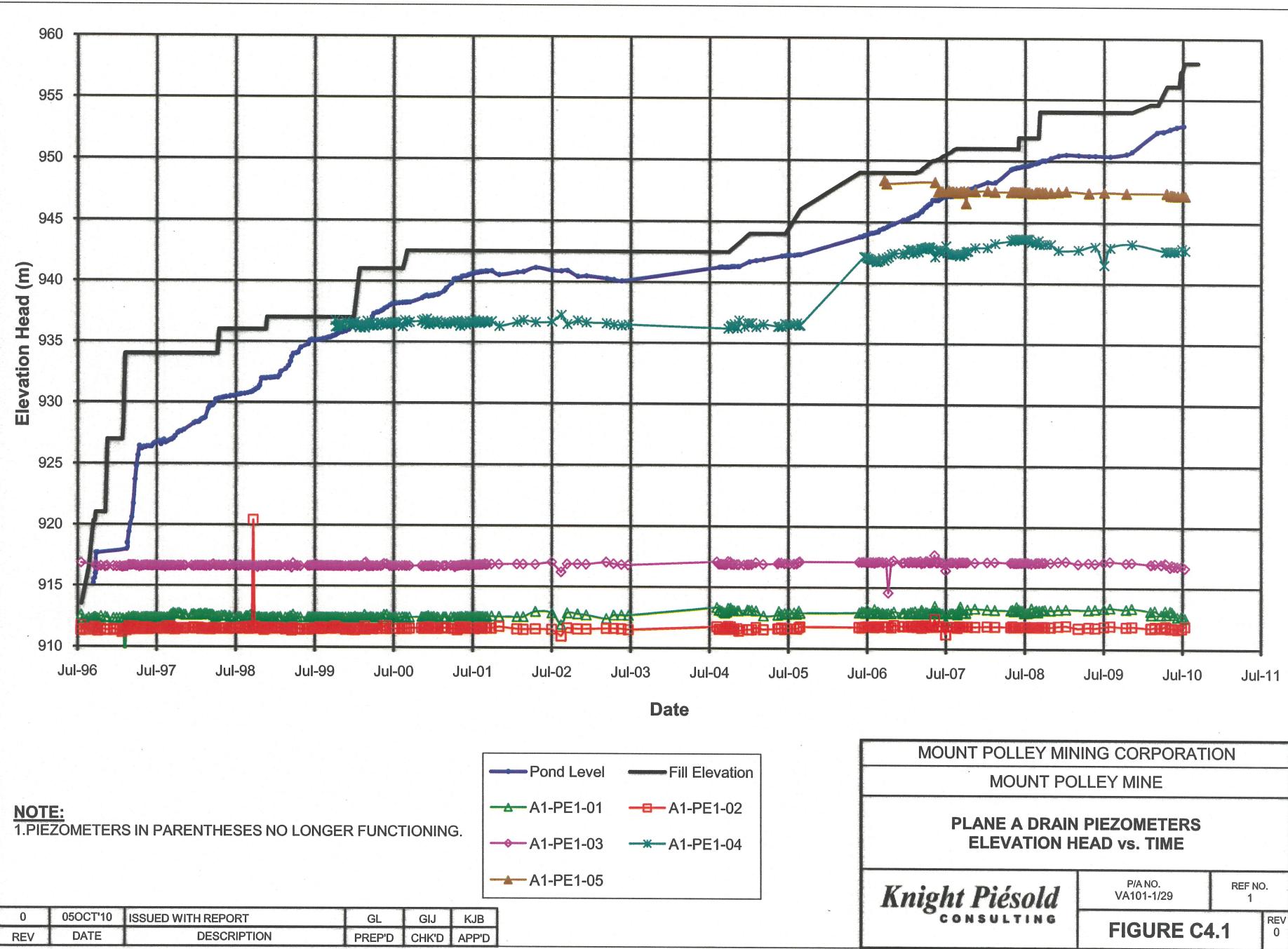
PLANE I FILL PIEZOMETERS
ELEVATION HEAD vs. TIME**Knight Piésold**
CONSULTINGP/A NO.
VA101-1/29REF NO.
1**FIGURE C3.9**REV
0

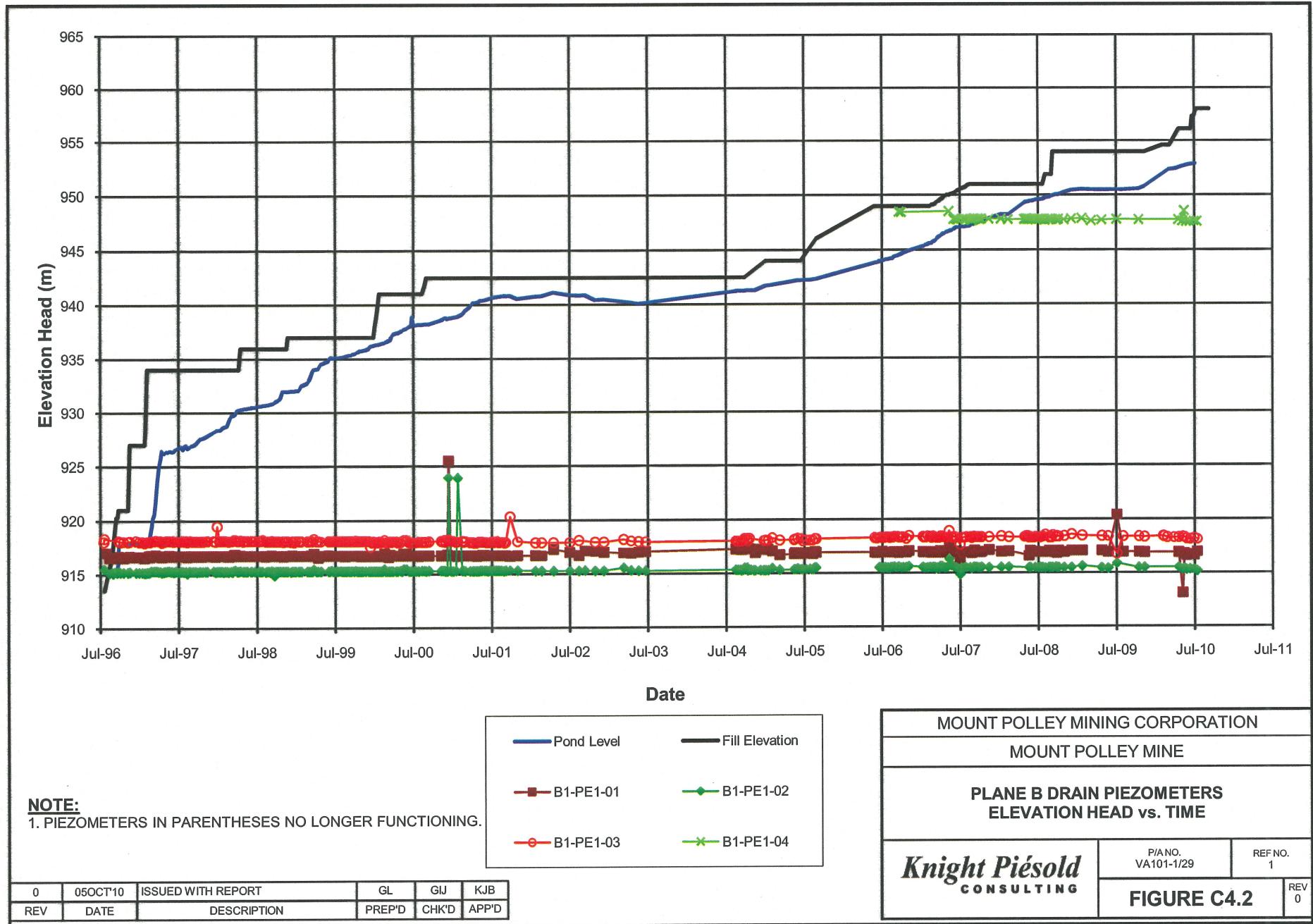
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| 0 | 05OCT'10 | ISSUED WITH REPORT | GL | GIJ | KJB |
| REV | DATE | DESCRIPTION | PREPD | CHK'D | APP'D |

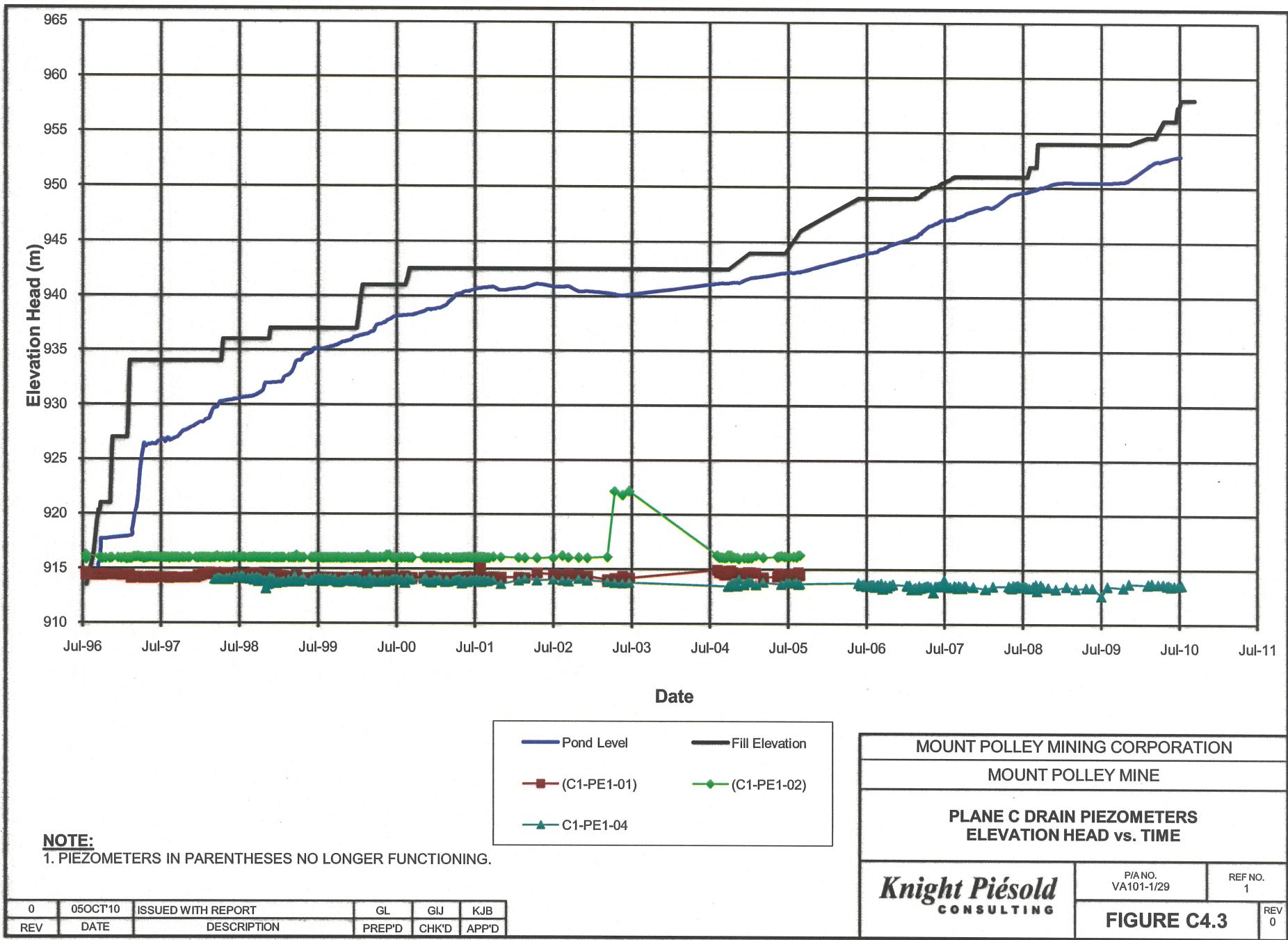
APPENDIX C4

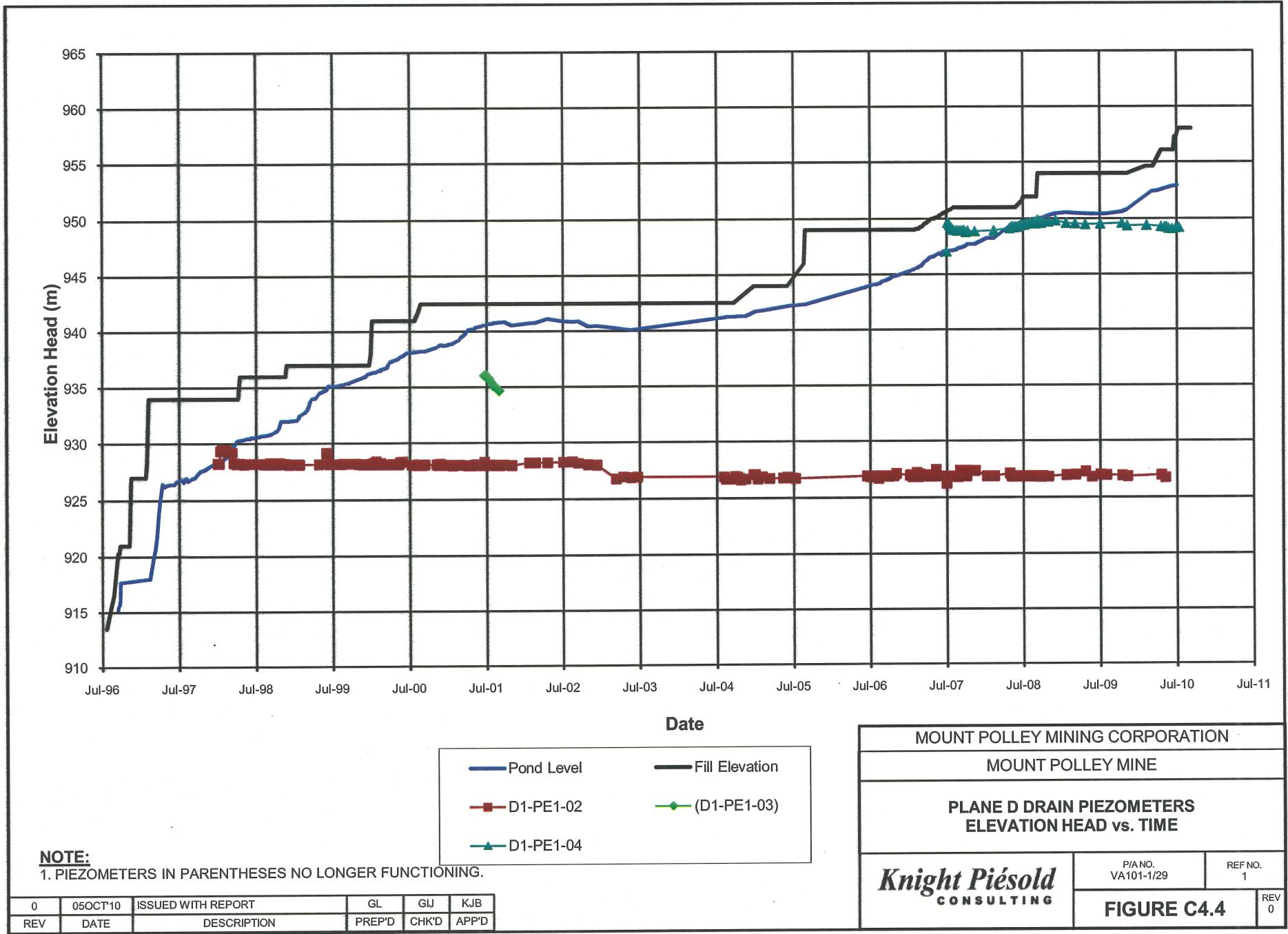
DRAIN PIEZOMETERS

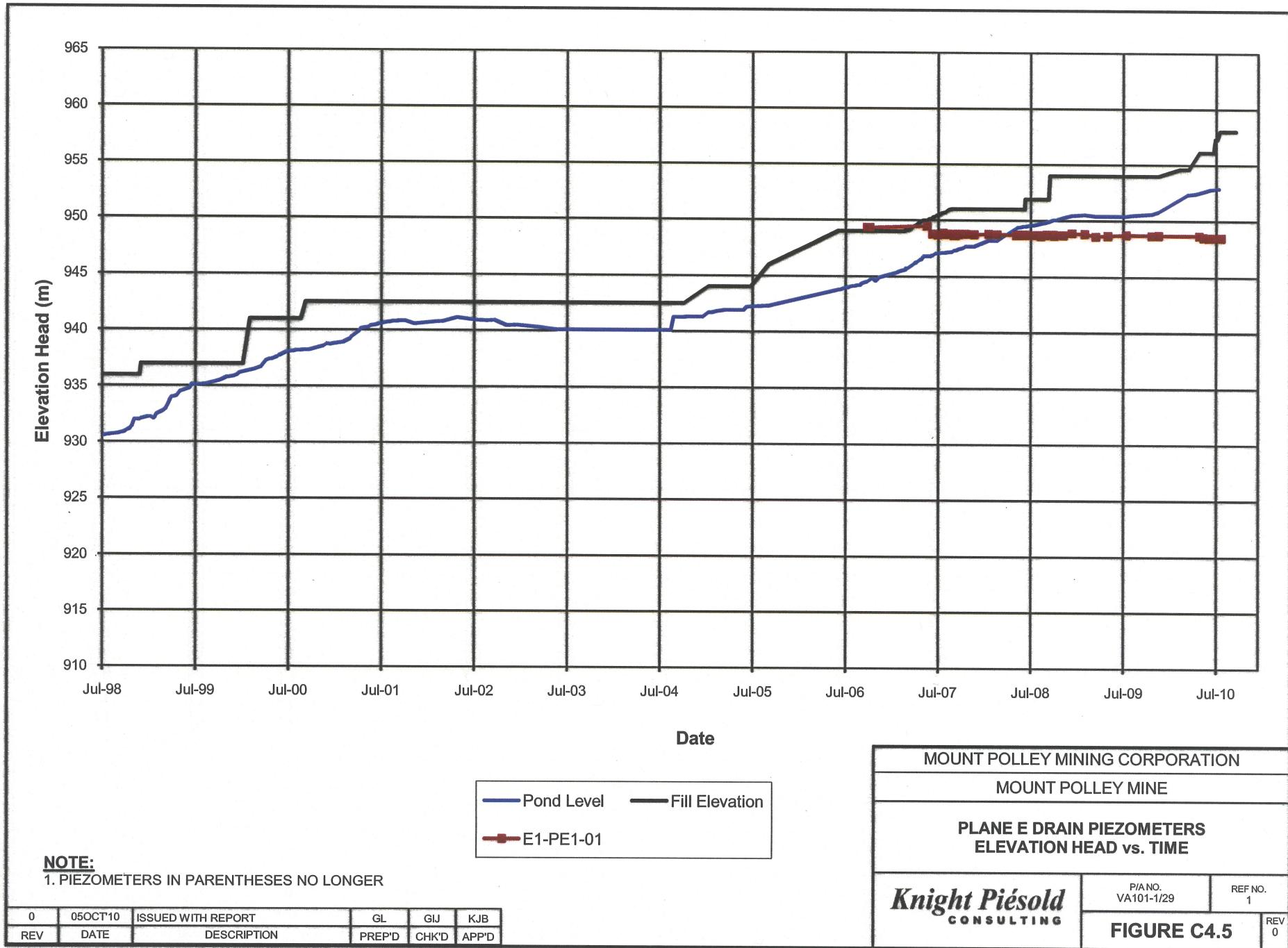
(Pages C4-1 to C4-9)

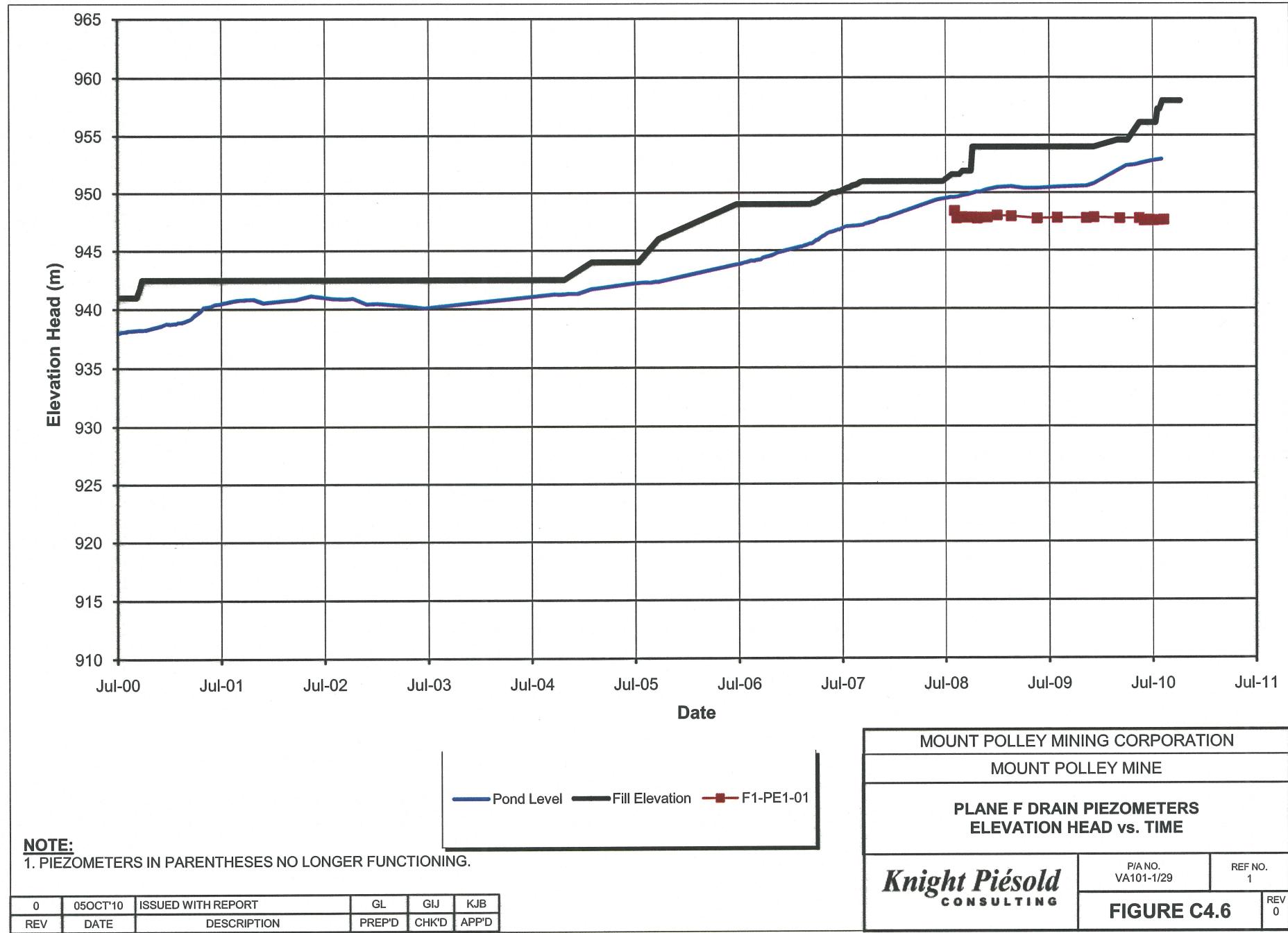


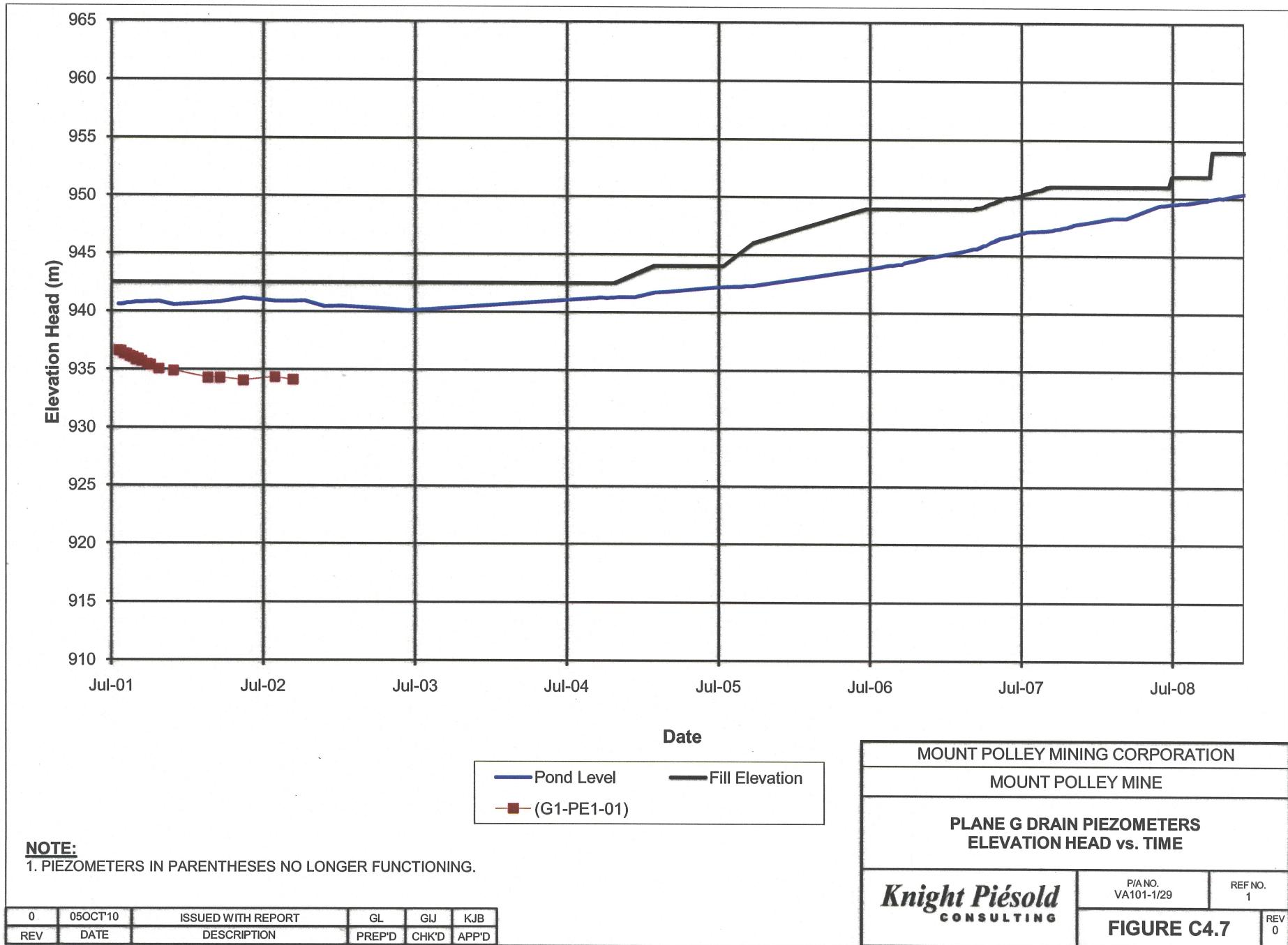


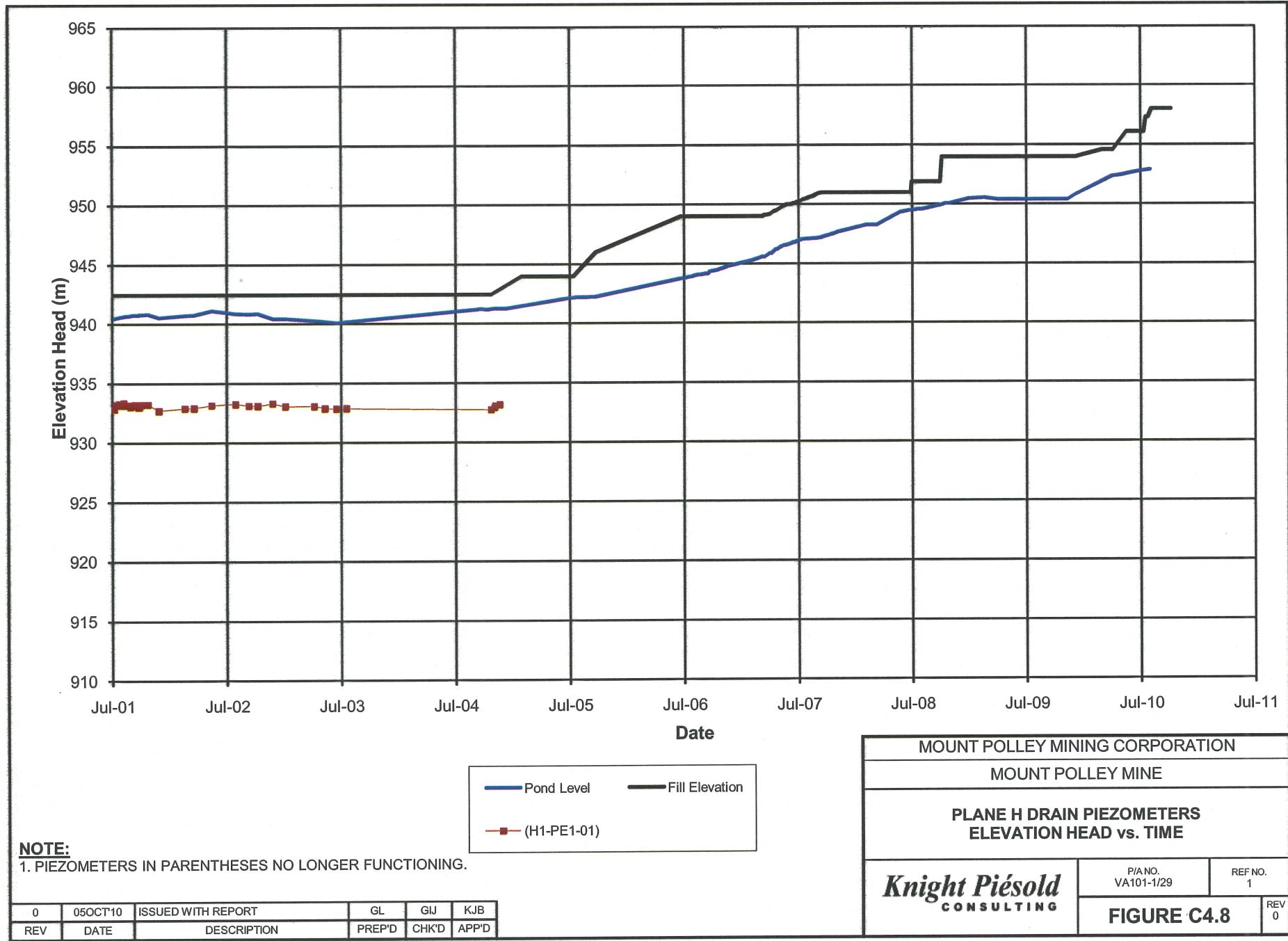


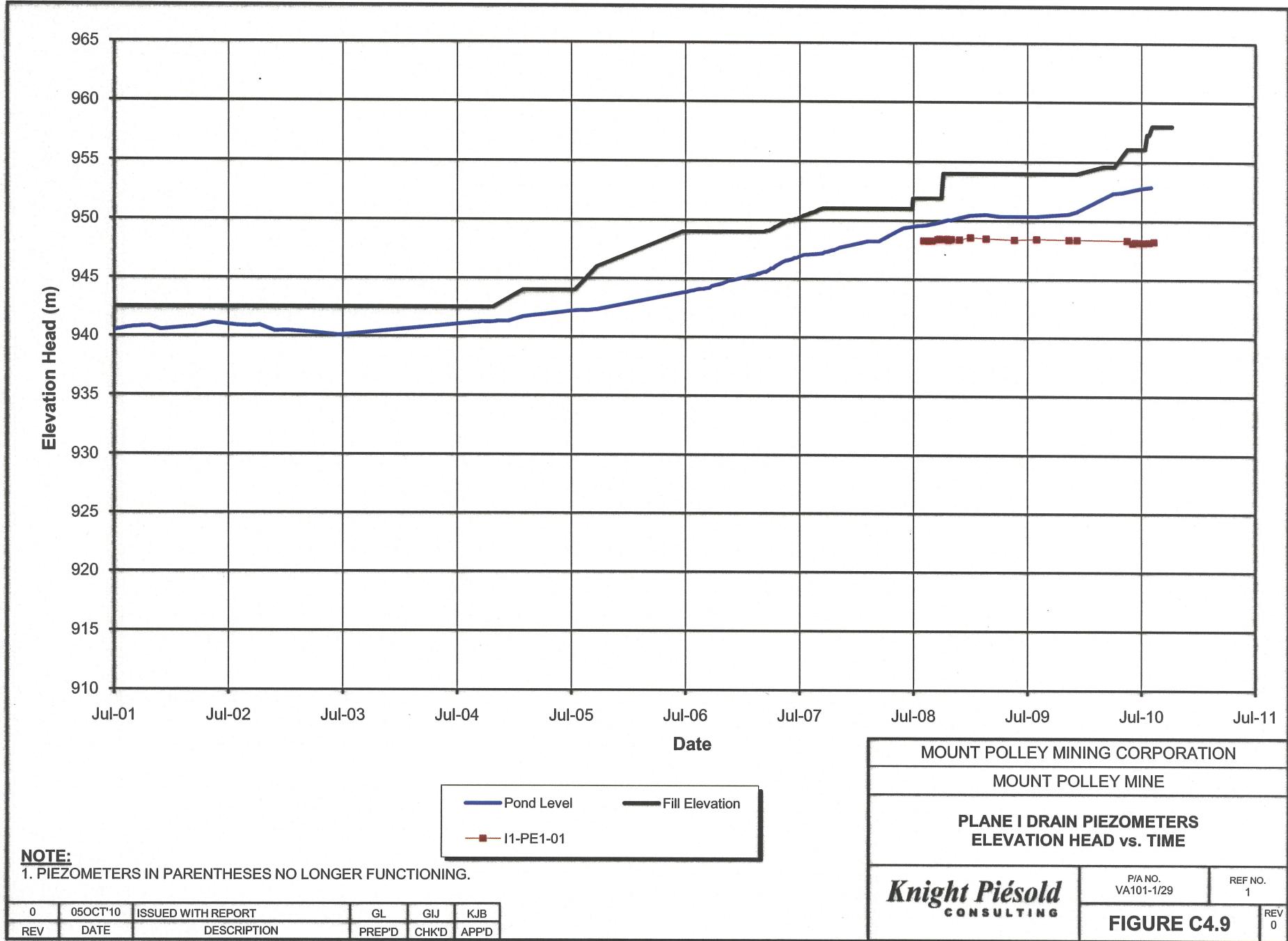










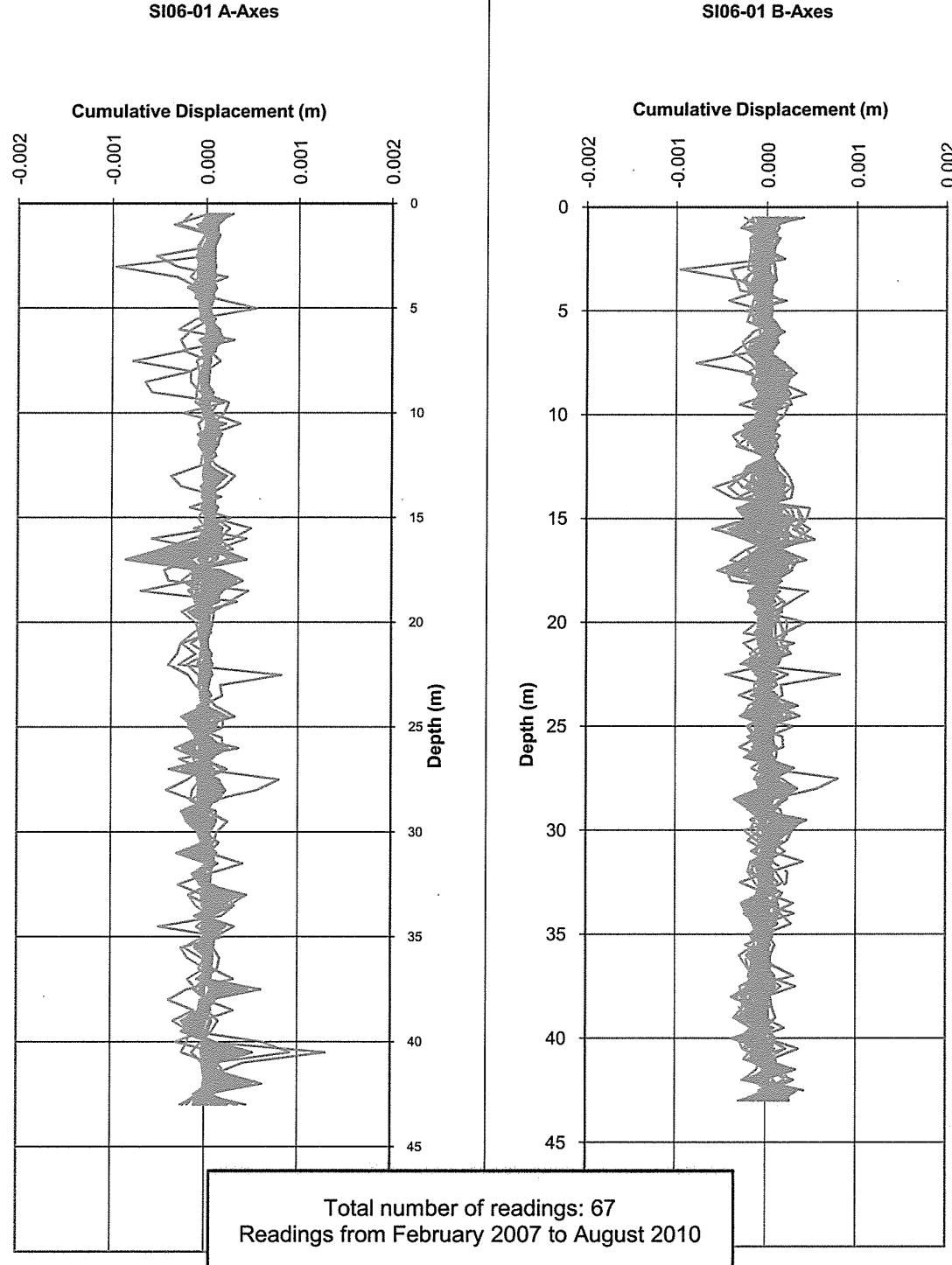




APPENDIX D

INCLINOMETER DATA

(Pages D-1 to D-4)

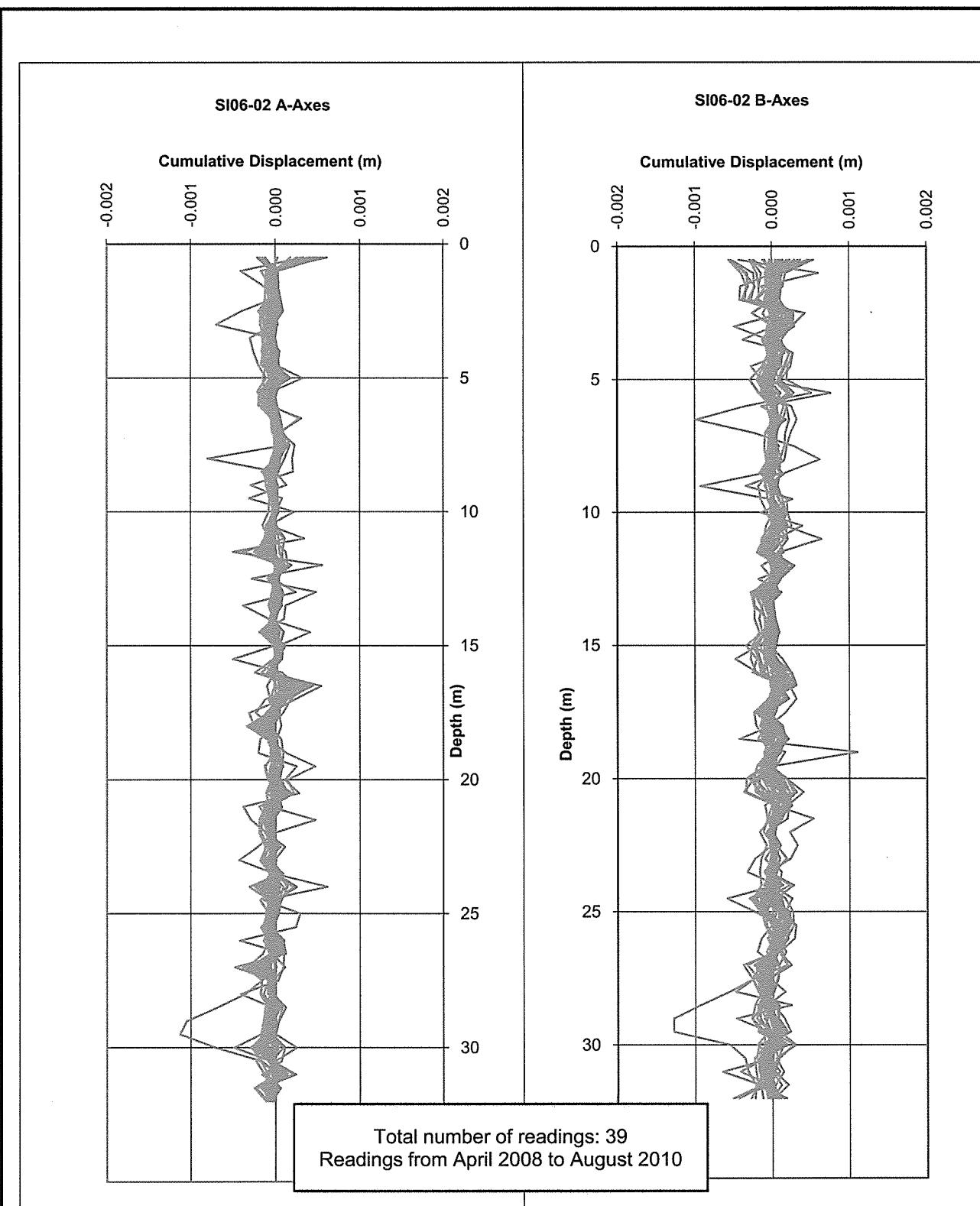


MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY STAGE 6B
DOWN HOLE INCLINOMETER
CUMULATIVE DISPLACEMENT SI06-01**Knight Piésold**
CONSULTINGP/A NO.
VA101-1/29REF NO.
1**FIGURE D1**REV
0

| | | | | | |
|-----|---------|--------------------|--------|-------|-------|
| 0 | 08OCT10 | ISSUED WITH REPORT | VJG | GIJ | KJB |
| REV | DATE | DESCRIPTION | PREP'D | CHK'D | APP'D |



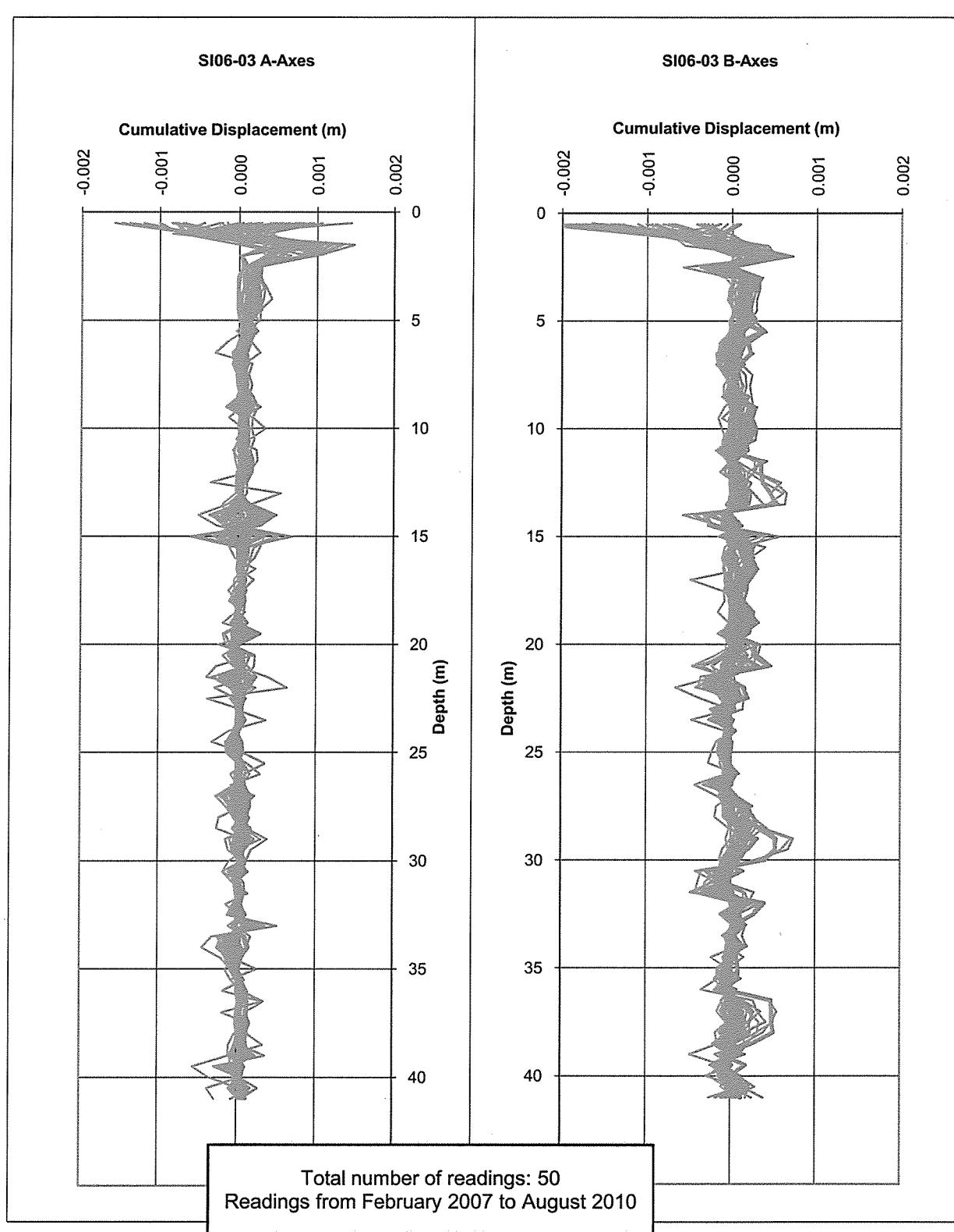
MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY STAGE 6B
DOWN HOLE INCLINOMETER
CUMULATIVE DISPLACEMENT SI06-02**Knight Piésold**
CONSULTINGP/A NO.
VA101-1/29REF NO.
1

| | | | | | |
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| 0 | 08OCT'10 | ISSUED WITH REPORT | GL | GIJ | KJB |
| REV | DATE | DESCRIPTION | PREP'D | CHK'D | APP'D |

FIGURE D2REV
0

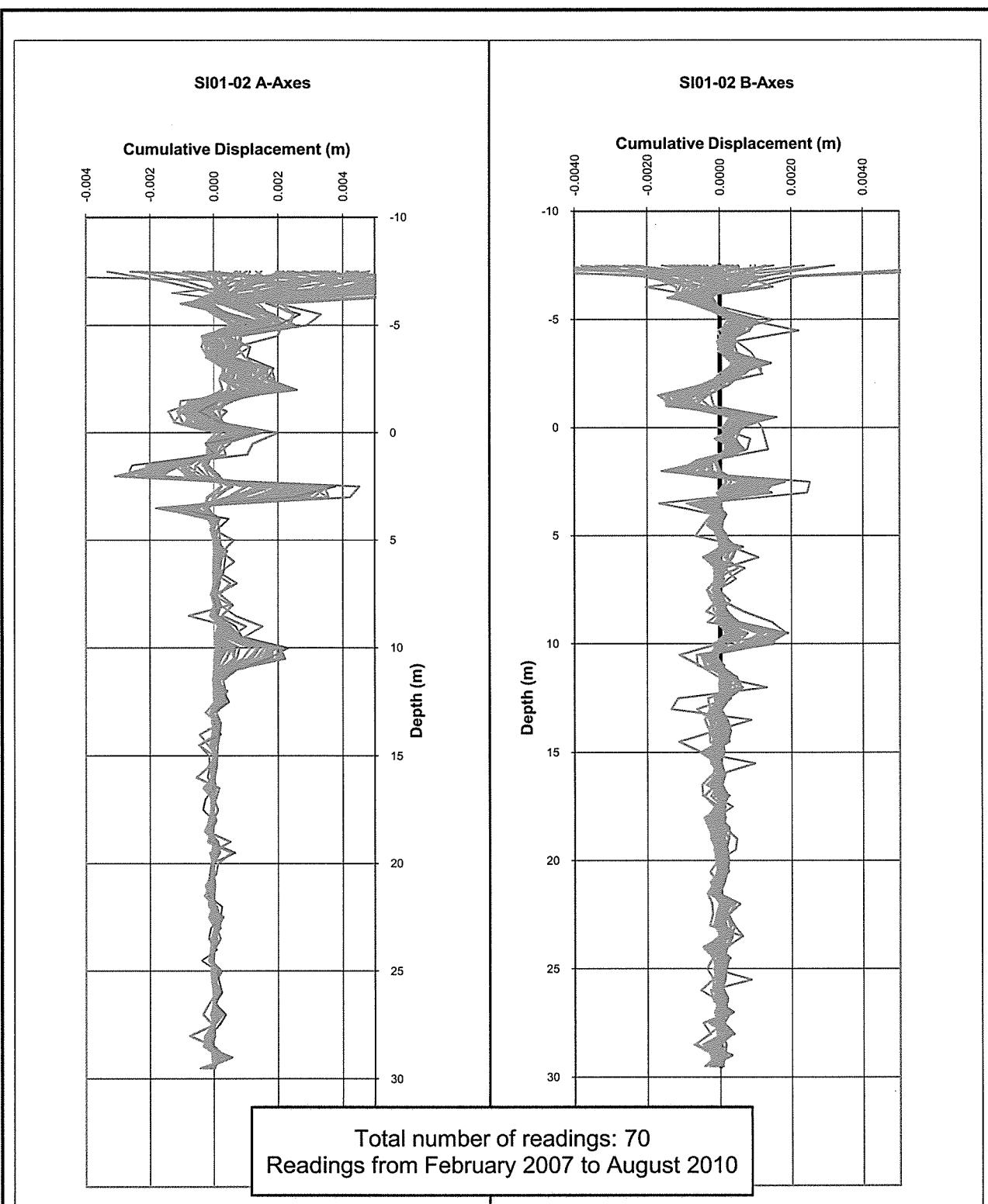


MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY STAGE 6B
DOWN HOLE INCLINOMETER
CUMULATIVE DISPLACEMENT SI06-03**Knight Piésold**
CONSULTINGP/A NO.
VA101-1/29 REF NO.
1**FIGURE D3**REV
0

| | | | | | |
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| 0 | 08OCT'10 | ISSUED WITH REPORT | GL | GIJ | KJB |
| REV | DATE | DESCRIPTION | PREPD | CHK'D | APPD |



MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY STAGE 6B
DOWN HOLE INCLINOMETER
CUMULATIVE DISPLACEMENT SI01-02**Knight Piésold**
CONSULTINGP/A NO.
VA101-1/29REF NO.
1

| | | | | | |
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| 0 | 08OCT'10 | ISSUED WITH REPORT | GL | GIJ | KJB |
| REV | DATE | DESCRIPTION | PREPD | CHK'D | APP'D |

FIGURE D4REV
0



APPENDIX E

PHOTOGRAPHS

(Pages E-1 to E-12)



PHOTO 1 – View of Mount Polley Tailings Storage Facility from the Pond Zone Open Pit



PHOTO 2 – Sand cell construction on the Perimeter Embankment

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MOUNT POLLEY MINE**



PHOTO 3 – Haulage of till material from the Perimeter Embankment borrow pit



PHOTO 4 – Placement of till material on the Main Embankment

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MOUNT POLLEY MINE**



PHOTO 5 – Compaction of till material on the Perimeter Embankment



PHOTO 6 – Control sampling of the till material at the Perimeter Embankment borrow pit

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MOUNT POLLEY MINE**



PHOTO 7 – Density testing of Zone S using a nuclear densometer on the South Embankment



PHOTO 8 – Placement of Zone F filter material on the Perimeter Embankment

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PHOTO 9 – Placement of Zone F filter material on the South Embankment



PHOTO 10 – Compaction of Zone F filter material on the South Embankment

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PHOTO 11 – Record sampling of the Zone F filter material on the Perimeter Embankment



PHOTO 12 – Placement of Zone T transition material on the South Embankment

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MOUNT POLLEY MINE**



PHOTO 13 – Compaction of Zone T transition material on the South Embankment



PHOTO 14 – Zone C NAG waste rock hauled to the Main Embankment using the mine fleet

**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**

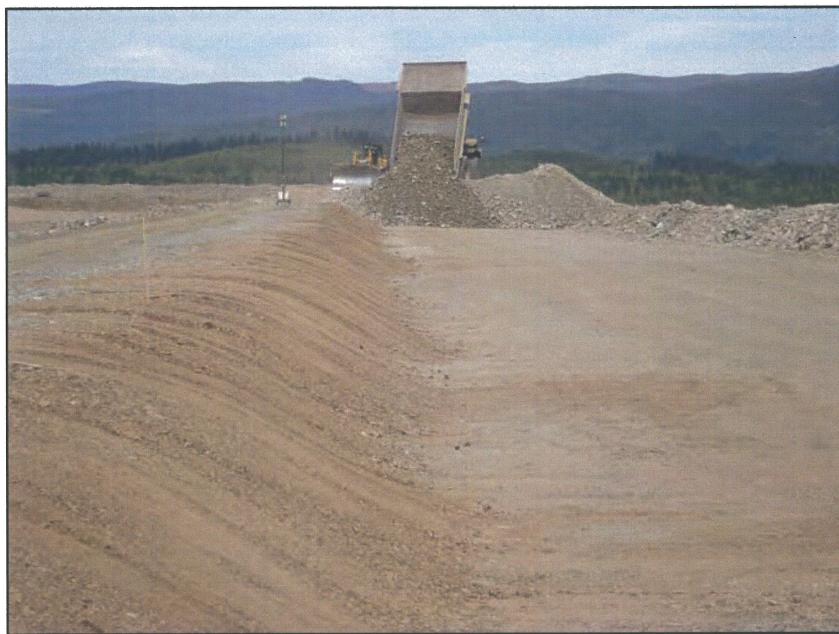


PHOTO 15 – Zone C NAG waste rock material placed in 2 m lifts



PHOTO 16 – Construction of Zone U waste rock berm for future sand cell construction on the Perimeter Embankment

**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**



PHOTO 17 – Placement of Zone U material on the Main Embankment using the mine fleet



PHOTO 18 – Toe drain extension on the South Embankment abutment

**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**



PHOTO 19 – Tailings beach piezometers on the Perimeter Embankment

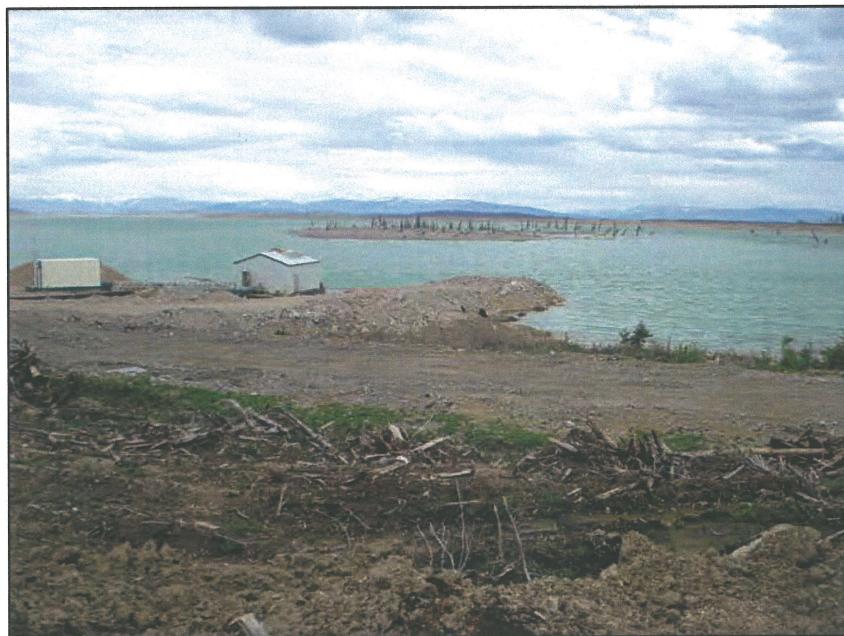
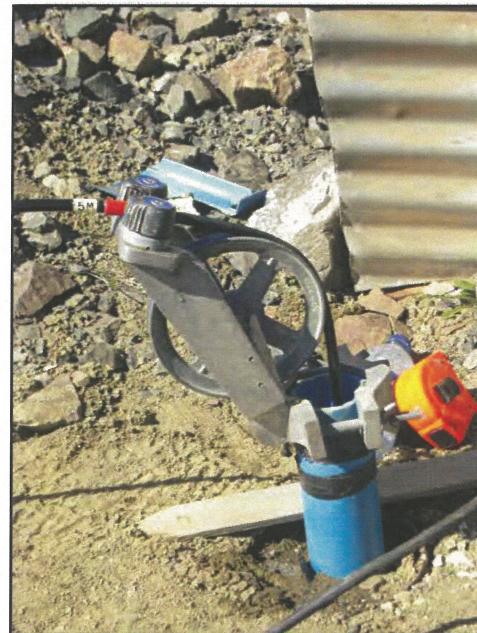


PHOTO 20 – Reclaim barge

**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**



PHOTO 21 – Main Embankment seepage pond



**PHOTO 22 – Inclinometer measurements
on the Main Embankment**

**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**



PHOTO 23 – Mount Polley Mine Flyover, 2010.

**MOUNT POLLEY MINING CORPORATION
MOUNT POLLEY MINE**

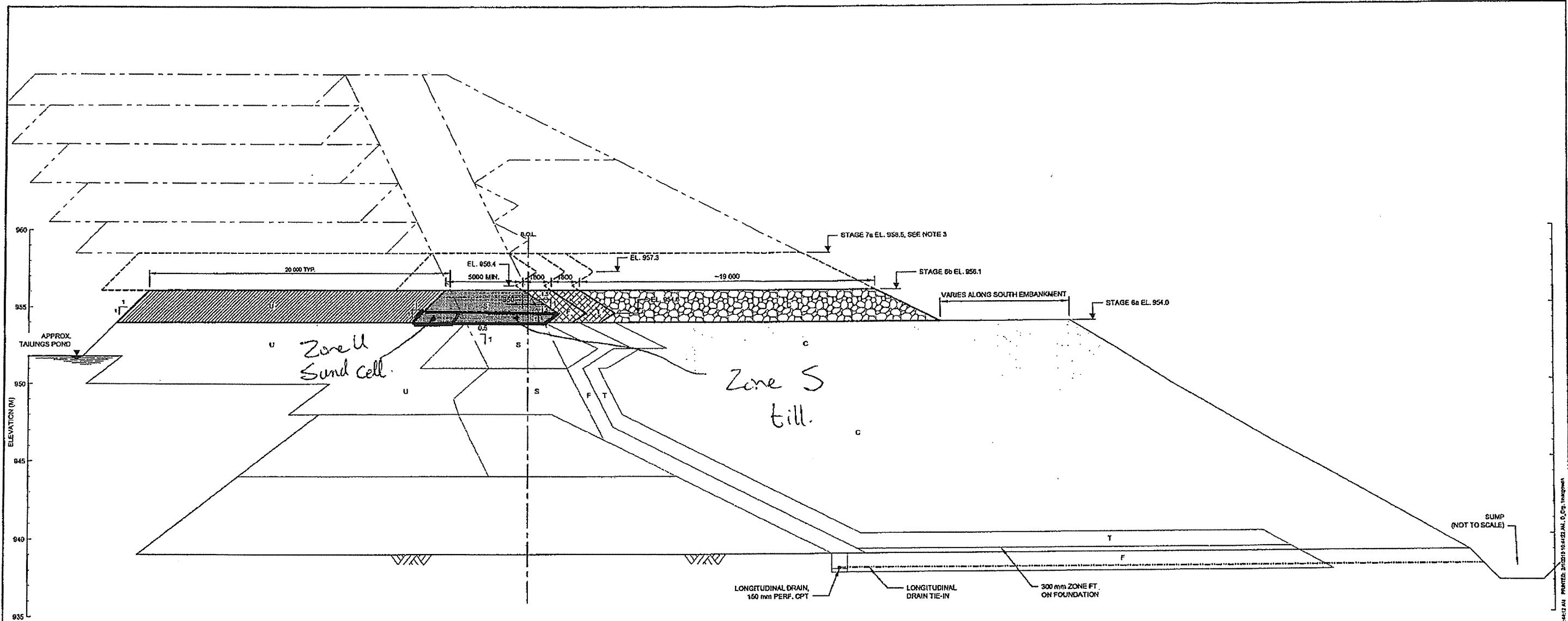
APPENDIX F

DESIGN MODIFICATIONS

(Pages F-1 to F-5)

| | | | |
|--|--|---|-------------|
| FILE NO.: | 2010-001 | DATE: | 18-Feb-10 |
| <p style="text-align: center;"><u>REQUEST FOR APPROVAL BY DESIGN OFFICE OF CHANGE / SUBSTITUTION</u></p> | | | |
| PROJECT: | Mt. Polley - Stage 6b Construction | PROJECT NO.: | 101-0001/29 |
| AREA OF WORK: | South Embankment 1+000 to corner 3 1+550 | | |
| GENERAL DESCRIPTION OF PROPOSED WORK: | | | |
| MPMC would like to replace Zone U till with sand cell construction below elevation 954.6m. | | | |
| <hr/> <hr/> <hr/> | | | |
| Please review the proposed change / substitution as per the attached sheets. No. of Sheets: <u>2</u> | | | |
| Reference Drawings / Clauses: | See drawing 235 | | |
| <hr/> <hr/> | | | |
| Signed: | Originator: <u>Mark Smith, EIT</u> | | |
| <hr/> <hr/> | | | |
| <u>FOR VANCOUVER OFFICE USE</u> | | | |
| Date Received: | <u>Feb 18/10</u> | | |
| Proposed change / substitution not approved: | | | |
| approved as submitted: | <u>Y</u> | | |
| approved as amended: | <u> </u> | | |
| No. of sheets attached: | (amendments only) | | |
| Signed: | Engineer: | <u>J. Piesold</u> | |
| Date Returned: | <u>Feb 26/10</u> | | |
| Knight Piesold Ltd. 1400 - 750 West Pender Street Vancouver, B.C. V6C 2T8 Phone: (604) 685-0543 Fax: (604) 685-0147 | Notes: | 1. Originator to keep a copy of all submissions and attachments. 2. Vancouver office to keep a file copy of completed request form with attachments, marked up as described above. | |

FORM F - 3



ISSUED FOR CONSTRUCTION

SCALE A 2.5 0 2.5 5 7.5 10 12.5 m

SAVED: 2010-09-07 10:41:12 AM PRINTED: 2012-05-14 10:41:12 AM BY: C:\USERS\KPIESOLD\DESKTOP\TSF.DWG

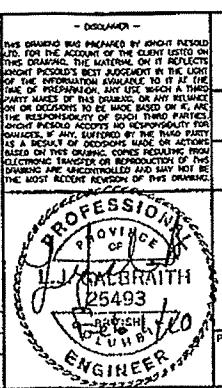
VANCOUVER, BC

Knight Piésold
CONSULTING

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY MINE

TAILINGS STORAGE FACILITY
STAGE 6b SOUTH EMBANKMENT
SECTION 1



NOTES:

- FOR MATERIAL SPECIFICATIONS AND LEGEND SEE DRG. 104.
- ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
- STAGE 7a CONSTRUCTION AT 958.5 m IS APPROXIMATE AND WILL BE CONFIRMED DURING THE STAGE 7 DESIGN OF THE TSF.
- THE STAGE 6b DESIGN OF THE TAILINGS STORAGE FACILITY IS PREDICATED ON APPROPRIATE CONSTRUCTION Q/C/QC THAT IS COMPLETED TO THE SATISFACTION OF KNIGHT PIÉSOLD LTD. AND THE REGULATORY AGENCIES.

| | |
|---------|------------------------------------|
| 236 | STAGE 6b SOUTH EMBANKMENT - DETAIL |
| 230 | STAGE 6b SOUTH EMBANKMENT - PLAN |
| 104 | MATERIAL SPECIFICATIONS |
| DRG NO. | DESCRIPTION |
| | REFERENCE DRAWINGS |

| REV | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD | REV | DATE | DESCRIPTION | DESIGN | DRAWN | CHKD | APPD |
|------------------------------------|------|-------------|--------|-------|------|------|-----|------|-------------|--------|-------|------|------|
| 0 01FEB'10 ISSUED FOR CONSTRUCTION | | | | | | | | | | | | | |

REVISIONS

PANO. VA101-1/26 DRAWING NO. 235 REVISION 0

| | | | |
|--|---|--|------------------------------------|
| FILE NO.: | <u>2010-002</u> | DATE: | <u>30-Mar-10</u> |
| <u>REQUEST FOR APPROVAL BY DESIGN OFFICE OF CHANGE / SUBSTITUTION</u> | | | |
| PROJECT: | <u>Mt. Polley - Stage 6b Construction</u> | | |
| PROJECT NO.: | <u>101-0001/29</u> | | |
| AREA OF WORK: | <u>All embankments</u> | | |
| GENERAL DESCRIPTION OF PROPOSED WORK: | | | |
| <p>MPMC would like to replace The remainig Stage 6b and all stage 7a Zone U till with mine waste rock. The new design will have the Zone u constructed prior to till placment.</p> <hr/> <hr/> <hr/> | | | |
| <p>Please review the proposed change / substitution as per the attached sheets. No. of Sheets: <u>2</u></p> | | | |
| Reference Drawings / Clauses: | <u>See drawing 226</u> | | |
| Signed: | <u>Mark McSitr</u> | | |
| | | | Originator: <u>Mark Smith, EIT</u> |
| <u>FOR VANCOUVER OFFICE USE</u> | | | |
| Date Received: | <u>30 March 2010</u> | | |
| Proposed change / substitution not approved: | | | |
| approved as submitted: | | | |
| approved as amended: | <u>G/S</u> | | |
| No. of sheets attached: | <u>3</u> | (amendments only) | |
| Signed: | Engineer: | <u>G/S</u> | |
| Date Returned: | <u>1 April 2010</u> | | |
| Knight Piesold Ltd. 1400 - 750 West Pender Street Vancouver, B.C. V6C 2T8 Phone: (604) 685-0543 Fax: (604) 685-0147 | | Notes: 1. Originator to keep a copy of all submissions and attachments. 2. Vancouver office to keep a file copy of completed request form with attachments, marked up as described above. | |

The design change to use waste rock for a reduced width zone U is approved with amendments. The amendments are shown on the attached sketch and summarized as follows.

- Maintain a minimum 5m crest width of zone U. Increase zone U crest width as required for haul traffic.
- Place and compact zone U as for zone C. Place in 2m lift max, compaction by haul traffic.
- Maintain a slope of 1H:1V or flatter on the zone U to zone C interface.
- Remove all particles larger than a coarse gravel, (+75mm or +3") from the interface between zone U and zone C.

The following comments address constructability of the revised zone U.

- Zone S should not be used for equipment traffic. The zone S material does not have sufficient strength or durability for heavy construction equipment traffic. Traffic on the zone S will result in damage to placed material. The zone S damage may include rutting and deformation. Damaged zone S material will need to be removed and replaced.
- Zone U waste rock will have sufficient strength and durability for heavy construction traffic. Use of zone U for construction traffic will need to meet the 'Health, Safety and Reclamation Code for Mine in BC'.

GZ - 1 Apr. 1 2010

