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REPORT ADDENDUM
DETAILED DESIGN OF DEWATERING DIKES
MEADOWBANK GOLD PROJECT

Submitted to:

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EXECUTIVE SUMMARY

This report addendum presents an update to: Detailed Design of Dewatering Dikes, Meadowbank Gold Project, March 13, 2007. The alignment of the south end of the Bay Zone Dike has been revised, resulting in water depths of less than 7.2 metres at dike centreline. Updated tables of volumes, quantities, specifications, and drawings presented here supersede those presented in the original design report.

TABLE OF CONTENTS

SECTION **PAGE**

LIST OF TABLES

APPENDIX

1.0 INTRODUCTION

This addendum presents an update to the report: Detailed Design of Dewatering Dikes, Meadowbank Gold Project, March 13, 2007.

The alignment of the south end of the Bay Zone Dike has been revised, resulting in water depths of less than 7.2 metres at dike centreline.

The report addendum follows the layout of the original report, with identical numbering for updated tables and text sections. Only portions of the original report affected by the design changes are included.

Table 1.1 presents updated characteristics for the Bay Zone Dike. Revised estimates of the cutoff wall areas for the Goose Island Dike are also included. Areas of cutoff walls are taken to the surface of bedrock and do not account for embedment. Cutoff walls at abutments are not included in Table 1.1. A 30 m portion of the Goose Island Dike will be built as part of the Bay Zone Dike and the cutoff for this portion is therefore included with quantities for the Bay Zone Dike.

TABLE 1.1: Dike Characteristics

	East Dike	Bay Zone Dike	Goose Island Dike
Maximum water depth at cutoff wall (m)	5.8	7.2	20.1
Crest length at centreline excluding abutments (m)	840	1,479 Includes 30 m Goose Island Dike stub	1,735
Crest width (m)	77-93	86-102	82-134
Outer slopes	1.6 horizontal: 1 vertical	1.6 horizontal: 1 vertical	1.6 horizontal: 1 vertical
Crest elevation (masl)	136.1	136.1	136.1
Top cutoff elevation (masl)	135.1	135.1	135.1
Area of soil bentonite cutoff Wall (m^2)	5,160	3,832	4,890
Area of soil cement bentonite cutoff wall (m^2)	-	9,520	10,600
Area of jet grout cutoff wall (m^2)	-	-	7,790

2.0 DESIGN CRITERIA

No changes.

3.0 SITE CLIMATE AND HYDROGEOLOGICAL CONDITIONS

No changes.

4.0 GEOLOGICAL AND GEOTECHNICAL CONDITIONS

No changes.

5.0 DIKE DESIGN

5.1 Design Concept

No changes.

5.2 Stability Analyses

No changes. Revision of the alignment does not change the critical section for stability.

5.3 Seepage

The average length of the Bay Zone Dike increases from 1210 m to 1480 m. The average depth of the dike does not change significantly. Consequently, the average flow increases.

5.3.1 Summary of Results

Seepage analyses have been updated as follows:

- Seepage into Third Portage Pit is estimated to be on the order of 350 m^3/day to 2,560 m^3/day over the mine life.

5.3.2 Predicted Seepage

Predicted seepage rates are unchanged, as summarized in Table 5.7. Updated equivalent lengths of the Bay Zone Dike are shown in Table 5.8. Volumes of seepage for the dikes

based on the summation of the flow rates for each section are shown in Table 5.9, which has been updated to reflect changes in the Bay Zone Dike length.

TABLE 5.7: Predicted Seepage Rates

Section	Flux (l/day/m)				
	Water Depth (m)	At end of Drawdown	Pit Half Open	Pit Open	Closure
Shallow	2	96	946	1081	39
Medium	5.6	232	1009	1122	
Deep	20.1	372	1475	1538	

TABLE 5.8: Summary of Dike Lengths

Dike	Total Alignment Length (m)	Length Medium (m)	Length Deep (m)	Length Shallow (m)
East	830	Not applicable	Not applicable	680
Bay Zone	1480	1480	Not applicable	Not applicable
Goose Island	1720	1420	300	Not applicable

TABLE 5.9: Summary of Seepage Volumes

Dike	Total Seepage Volume (m^3/day)			
	At end of Drawdown	Pit Half Excavated	Pit Fully Excavated	Closure
East Dike	80	820	900	30
Bay Zone Dike	340	1500/670*	1660/740*	
Goose Island Dike	450	1900	2000	

*Bay Zone Dike volumes given for Goose Island Dike not present/present.

6.0 CONSTRUCTION AND OPERATION

6.1 Mine Development Plan

No changes.

6.2 Materials Balance

The increase in length of the Bay Zone Dike will require additional materials for dike construction. Requirements are provided in Appendix V, Administration Specification.

Table 6.2 summarizes estimates of total volume of water inside the proposed dewatering dikes for Second Portage Lake Arm, Third Portage Lake, and Vault Lake, based on bathymetry carried out at the site in 2002, 2003 and 2006. The total quantity of water inside the Bay Zone Dike and the Goose Island Dike does not change. However, volume estimates in Table 6.2 have been updated.

TABLE 6.2: Lake Volumes Inside Dewatering Dikes

Location	Lake Section	Volume (Mm^3)
Second Portage Lake Arm (elevation 133.1 masl)	Northwest Basin (attenuation pond)	2.0
	Main Basin	10.5
	East Basin (adjacent to East Dike)	2.0
	Total Second Portage Lake Arm within East Dike	14.5
Third Portage Lake – Goose Island Area	Inside Bay Zone Dike	0.7
	Between Bay Zone Dike and Goose Island Dike	2.2
	Total Third Portage Lake –Area within Goose Island Dike	2.9
Vault Lake (elevation 139.4 m masl)	Total Vault Lake within Vault Dike	2.2
Total		19.6

6.3 Geotechnical Investigations

No changes.

6.4 Dike Construction Sequence and Techniques

No changes.

6.5 Instrumentation and Monitoring

Instrumentation requirements have been updated, as summarized in Tables 6.3, 6.4, and 6.5, and shown in Drawings 6000-30 to 32.

TABLE 6.3: Geotechnical Instrumentation Summary

Instrumentation	East Dike (840 m length)	Bay zone Dike (1480 m length)	Goose Island Dike (1735 m length)
Multi-level Piezometer	36	84	84
Thermistor Strings	7	17	9
Slope Inclinometers	3	7	7
Surface Prisms (25m spacing)	33	59	70
Surface Monuments (25m spacing)	33	59	70
Surface Control Monuments	2 (one at each abutment)	3 (one at each abutment and one on land southeast of dike)	2 (one at abutment and one on island south of dike)
Seismographs	2		

TABLE 6.4: Summary of Thermistor Strings

Dike	Thermistor String ID	Station	Offset (m) to Cut off wall	Bead Locations	Bedrock Surface El. (masl)	Lake Bed Till Surface El. (masl)	Thermistor String Length (m) from Crest El. 136.1 masl
Goose Island	**T1**	**30+260**	**0**	• First bead at surface • 0.5m, 1.0m, 1.5m, 2.0m, 2.5m, 3.0m, 4.0m, and 5.0m depths for first 5m • 5m spacing afterwards • Last bead embedded 3m into bedrock	122	128	17
	T2	30+540			119	126	20
	T3	30+680			106	114	33
	T4	30+840			118	123	21
	T5	31+140			128	132	11.1
	T6	31+400			120	127	19
	T7	31+500			120	126	19
	T8	31+720		• First bead at surface • 5m spacing for 25m depth	134.1	136.1	25
	T9	25m downchainage of 31+720			134.1	136.1	25
Bay Zone	T10	0+160		• First bead at surface • 0.5m, 1.0m, 1.5m, 2.0m, 2.5m, 3.0m, 4.0m, and 5.0m depths for first 5m • 5m spacing afterwards • Last bead embedded 3m into bedrock	132	133	8
	T11	0+320			132	134	7
	T12	0+520			121	127	18
	T13	0+720			126	130	13
	T14	0+920			121	127	19
	T15	1+120			128	134	11

Dike	Thermistor String ID	Station	Offset (m) to Cut off wall	Bead Locations	Bedrock Surface El. (masl)	Lake Bed Till Surface El. (masl)	Thermistor String Length (m) from Crest El. 136.1 masl
	T16	0+520	-22	• First bead at surface • 0.5m, 1.0m, 1.5m, 2.0m, 2.5m, 3.0m, 4.0m, and 5.0m depths	121	127	5
	T17		-15				5
	T18		15				5
	T19	0+920	-22		121	127	5
	T20		-15				5
	T21		15				5
Bay Zone	T22	0+000	0	• First bead at surface • 5m spacing for 25m depth	134.1	136.1	25
	T23	25m upchainage of 0+000			134.1	136.1	25
	T24	1+479			134.1	136.1	25
	T25	25m down chainage of 1+479			134.1	136.1	25
	T33	1+280		• First bead at surface • 0.5m, 1.0m, 1.5m, 2.0m, 2.5m, 3.0m, 4.0m, and 5.0m depths for first 5m • 5m spacing afterwards • Last bead embedded 3m into bedrock	120.0	129.1	19.1

Dike	Thermistor String ID	Station	Offset (m) to Cut off wall	Bead Locations	Bedrock Surface El. (masl)	Lake Bed Till Surface El. (masl)	Thermistor String Length (m) from Crest El. 136.1 masl
East	T26	60+240	0	• First bead at surface • 0.5m, 1.0m, 1.5m, 2.0m, 2.5m, 3.0m, 4.0m, and 5.0m depths for first 5m • 5m spacing afterwards • Last bead embedded 3m into bedrock	128.1	130.1	11
	T27	60+440			126.0	128.0	13
	T28	60+700			127.5	129.4	12
	T29	60+000		• First bead at surface • 5m spacing for 25m depth	134.1	136.1	25
	T30	25m upchainage of 60+000			134.1	136.1	25
	T31	60+839			134.1		25
	T32	25m down chainage of 60+839			134.1		25

TABLE 6.5: Summary of Slope Inclinometer Locations

Dike	Inclinometer String ID	5m upchainage from Station	Offset (m) to Cut off wall	Bedrock Surface El. (masl)	Lake Bed Till Surface El. (masl)	Inclinometer Casing Length (m) from Crest El. 136.1 masl
Goose Island	S1	30+260	0	122	128	17
	S2	30+540		119	126	20
	S3	30+680		106	114	33
	S4	30+840		118	123	21
	S5	31+140		128	132	11
	S6	31+400		120	127	19
	S7	31+500		120	126	19
Bay Zone	S8	0+160		132	133	8
	S9	0+320		132	134	7
	S10	0+520		121	127	18
	S11	0+720		125	129	13
	S12	0+920		121	127	18
	S13	1+120		128	134	11
	S17	1+280		120	129	19
East	S14	60+240		128	130	11
	S15	60+440		126	128	13
	S16	60+700		127	129	12

7.0 OPPORTUNITIES

Opportunities to move the Bay Zone Dike alignment to eliminate the deep water section have been addressed by this report addendum.

CLOSURE

The reader is referred to the "Important Information and Limitations of This Report" which follows the text but forms an integral part of this document.

If you have any questions please do not hesitate to contact us.

GOLDER ASSOCIATES LTD.

ORIGINAL SIGNED BY

Ben Wickland, Ph.D., P.Eng.
Geotechnical Engineer

ORIGINAL SIGNED AND SEALED BY

Terry L. Eldridge, P.Eng.
Principal

BEW/TLE/aaf/mrb

O:\Final\2007\1413\07-1413-0047\Doc 492\12jul_07 Dewatering Dikes Design Report Addendum Ver 0.Doc

REFERENCES

Golder, 2006. Detailed Design of Dewatering Dikes, Meadowbank Gold Project, Nunavut. Golder Associates Ltd. 2006

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

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

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

frost. Unless otherwise indicated the soil must be protected from these changes during construction.

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

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

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

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

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

APPENDIX IV

DIKE CONSTRUCTION
AND CUTOFF WALL REVIEW

APPENDIX V

SPECIFICATIONS

PREPARED FOR:

PREPARED BY:

Golder Associates

REGISTERED PROFESSIONAL ENGINEER
T. L. ELDRIDGE
LICENSEE
July 17/07
N.W.T.

REV.	DATE	REASON FOR REVISION	BY	APP
E	06/JUL/07	ISSUED FOR BIDDING-QUANTITIES REVISED	BW	
D	13/MAR/07	ISSUED FOR BIDDING	AS	TLE
C	20/FEB/07	ISSUED FOR CLIENT REVIEW	AS	HH
A	18/FEB/07	ISSUED FOR REVIEW	AS	HH

TABLE OF CONTENTS

LIST OF TABLES

1.0 SCOPE

This Specification provides general administrative requirements related to the Dewatering Dikes construction for Meadowbank Mining Corporation (MMC) at Meadowbank Gold Project site in Nunavut, Canada.

2.0 GENERAL

The gold ore deposits at Meadowbank Gold Project site are situated adjacent to and beneath Second Portage lake and Third Portage lake. Three dewatering dikes are required to isolate open pit mining activities from the lakes:

- East Dike– to be constructed prior to mill startup;
- Bay Zone Dike – to be constructed prior to mill startup; and
- Goose Island Dike – to be constructed by Year 2 of the mine life.

The construction methodology consists of:

1. Construction of rockfill dike, granular filter with glacial till core.
2. Construction of cutoff wall through the glacial till core.
3. Construction of grout curtain into the bedrock.

The dikes will be constructed by "bulkheading" the two rockfill embankments, leaving sufficient space between the two dikes to subsequently place the glacial till core zone. "Bulk heading" consists of dumping rockfill at the furthest or leading end of the active rockfill berm located in the lake, then pushing the rockfill over the edge with a bulldozer. The filter zone construction, either by clamshell or by bucket placement, will follow behind the rock dike embankment construction. The glacial till core backfill will be placed by bulkheading. The cutoff wall will be excavated through the glacial till core backfill. The type of cutoff wall (jet grout, soil-bentonite or cement-soil-bentonite) depends on the depth to the bedrock. A grout curtain will be constructed into the bedrock through the cutoff wall alignment.

A site investigation will be carried out prior to or concurrently with construction to characterize foundation conditions.

2.1 General Site Conditions

A summary of the subsurface conditions is presented in Golder Associates March 2007 Meadowbank Gold Project Dewatering Dike Detailed Design Report.

2.2 Definitions

Work	• All activities associated with the construction of the dewatering dikes including quality control and instrumentation installation.
Manager	• Meadowbank Mining Corporation (MMC) responsible for providing items noted in the contract package as being supplied by MCC, obtaining all relevant permits, and providing the contactor reasonable access to the general open areas surrounding the work site.
Contractor	• A construction contracting company to be selected by MCC to carry out the Dewatering Dikes Construction Work. • Responsible to provide all other items and incidentals not supplied by the Manager to bring the construction Work or additional Work as requested by the Manager to final completion. • Contractor is responsible for proper construction of the work including any work performed by its Sub Contractors. • Shall provide survey control and Quality Control (QC) for the work it undertakes. • Reports to CM.
Engineer	• Golder Associates Ltd. (Golder)
Construction Manager (CM)	• Represents the Manager on site and has the authority to direct all aspects of the work. Responsible for all project communications, arranging daily and weekly meetings as required, holding problem resolution meetings for resolution of Quality Assurance and Quality Control QA/QC issues. • Work that has been stopped because of non-compliance with the QA/QC Plan shall resume only after a plan for corrective action prepared by the Contractor has been approved by the Construction Manager.

Quality Assurance Manager	• Represents the Engineer on site and has the authority to approve aspects of the work as following the design intent and specifications • Responsible for performing tasks outlined in QC Requirements Specification 1000-08. • QA manager has authority to stop any aspects of work that is not in compliance with the QA/QC Plan.
Approval	• A written engineering or geotechnical opinion, concerning the progress and completion of the Work.
Quality Assurance (QA)	• Planned and systematic activities that provide adequate confidence to the Owner and various stakeholders that quality control is being implemented effectively.
Quality Control (QC)	• A planned system of inspection and testing carried out according to accepted standard specifications to ensure the quality of construction work.
Ice-rich Soil	• Frozen soils that contain more than 10 percent visible ice and/or have a moisture content greater than 30%. • Normally ice lenses are present.
Ice-poor Soil	• Frozen soils that contain less than 10 percent visible ice and have a moisture content less than 30%. • No visible ice lensing.
Rockfill IV	• Intermediate Volcanic waste rock material that is produced from the Portage Pit excavation meeting the design specification.
Rockfill IF	• Iron Formation waste rock material that is produced from the Portage Pit excavation meeting the design specification.
Rockfill UM+Q	• Ultramafic and quartzite waste rock material that is produced from the Portage Pit excavation meeting the design specification.
Coarse Filter	• Material produced from IV rockfill and meeting the design specification.
Fine Filter	• Material produced from crushing of IV rockfill and meeting the design specification.

Glacial till	• Glacial till soil consisting of clay, silt, and sand with gravel and cobble and meeting the design specification. Till and glacial till used interchangeably.
Bentonite-water slurry	• A stable colloidal suspension of powdered bentonite in water. The terms "slurry" and "bentonite-water slurry" are used interchangeably in Dewatering Dikes specifications.
Soil-Bentonite (SB) Backfill	• A homogenous mixture of glacial till, bentonite and water.
Soil-Cement-Bentonite (SCB) Backfill	• A homogenous mixture of glacial till, cement, bentonite and water.
Jet Grout Mixture	• A homogenous mixture of cement and soil with or without bentonite used in Jet Grouting.
Work Completion Report	• Summary report prepared by Contractor

2.3 Codes and Regulations

Work shall conform to, but not limited to the requirements of the latest editions of the following standards and codes which are part of this Specification:

ASTM D422	Test Method for Particle-Size Analysis of Soils
ASTM D1140	Test Method for Amount of Material in Soils Finer Than the No. 200 (75 µm) Sieve
ASTM C136	Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM D2216	Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock
ASTM D2922	Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (shallow depths)
ASTM D6910	Standard Test Method for Marsh Funnel Viscosity of Clay Construction Slurries
ASTM D 422	Particle-Size Analysis of Soils
ASTM D 1140	Materials Finer than No. 200 Sieve

ASTM D 4318	Liquid Limit, Plastic Limit and Plasticity Index of Soils
ASTM D 4380	Density of Bentonite Slurries
ASTM D 4381	Sand Content by Volume of Bentonite Slurries
ASTM D 2434	Hydraulic Conductivity Using a Rigid Wall Permeameter
Mine Health and Safety Act (Nunavut)	
Mine Health and Safety Regulations (Nunavut)	

ASTM: American Society for Testing and Materials

API: American Petroleum Institute

Codes specific to the cutoff wall construction are provided in Soil-Bentonite and Soil-Cement-Bentonite Cutoff Wall Construction Specification 1000-05 and in Jet Grout Cutoff Wall Construction Specification 1000-04. QC Plan details are presented in QC Requirements Specification 1000-08.

3.0 EXECUTION

The Dewatering Dikes construction package includes Work to be carried out by both MMC and the Contractor. The following describes the scope of work and defines work to be carried out by each of MMC and the Contractor, and presents the expected sequencing of the work.

3.1 Scope of Work

The scope or work is presented in the construction Drawings listed in Table 2 and the Specifications listed in Table 3. A plan for mine development is presented in Table 4. A general description of the Dewatering Dikes construction includes the following:

- Pre-construction geotechnical investigations;
- rockfill embankment construction;
- coarse and Fine Filter placement;
- glacial till core backfill placement;
- cutoff wall construction;
- grout curtain installation; and
- instrumentation installation and monitoring.

3.2 Sequencing Description

The following describes the expected general sequence for Dewatering Dikes construction and indicates work which is the responsibility of MMC and work which is the responsibility of the Contractor.

3.2.1 MMC Work Concurrent with Contractor Work

MMC will supply and place rockfill directly from the pit excavations.

3.2.2 Contractor work

The following work can be carried out by the Contractor:

- Coarse and Fine Filter production and placement;
- glacial till core backfill processing and placement;
- cutoff wall construction;
- grout curtain installation; and
- instrumentation installation and monitoring.

4.0 MEETINGS

Weekly progress meeting will be held and chaired by the CM and shall be attended by all parties. Minutes of meetings shall be prepared and distributed by the CM.

Other meetings may be called as required by the CM.

5.0 ENVIRONMENTAL ISSUES

The Contractor and his Sub Contractors are entirely responsible for prevention of pollution and other environmental problems related to the construction activities of the Dewatering Dikes construction.

The Contractor and his Sub Contractors shall incorporate environmental considerations while developing and implementing his own work procedures.

A draft copy of the Contractor's site specific Environmental Management plan (EMP) shall be prepared and submitted to the CM for review a minimum of 1 month prior to mobilization to Meadowbank. The CM and MMC will review and provide comments on the draft Environmental Management Plan to the Contractor.

The Contractor must have a MMC approved Environmental Management Plan prior to mobilization to the site.

The Contractor must maintain an up to date and approved Environmental Management Plan covering all work activities being conducted throughout the Work.

Any spill or environmental concern shall be reported immediately to the CM.

6.0 HEALTH AND SAFETY

The Contractor is entirely responsible for the Health and Safety (H&S) at the work site.

The Contractor and his Sub Contractors shall incorporate H&S considerations while developing and implementing their own work procedures.

The Contractor shall also comply with relevant H&S regulations and MMC H&S protocols and procedures.

The Contractor shall comply with any additional MCC H&S Safety Plan.

The Contractor shall observe the regulations, procedures and restriction for the ingress to the construction area.

The Contractor shall prepare and submit to the CM for review and approval a site-specific health and safety plan that compiles with MMC regulations and in addition covers any additional health and safety requirements specifically related to the Contractor's work. Following approval of the plan, the plan shall be implemented.

A draft copy of the Contractor's site specific H&S plan shall be prepared and submitted to the CM for review a minimum of 1 month prior to mobilization to Meadowbank. The CM and MCC will review and provide comments on the draft H&S plan to the Contractor.

The Contractor must have a MMC approved H&S Plan covering all work activities being conducted.

Any accident, near accident or H&S concern shall be reported immediately to the CM.

7.0 COOPERATION

The Contractor and his Sub Contractors shall cooperate with other parties to allow time and provide a safe work condition to carry out any site visit required to check environmental or health & safety concerns, perform control surveys and QA/QC operations. The Contractor and his Sub Contractors shall provide labour and equipment as required to contain and/or clean up any environmental spills.

8.0 CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

Access to the site will be provided by the CM. The Contractor will not have sole access to the Work area and must be prepared to share and coordinate activities and access with others, through the CM. The Contractor shall coordinate with the CM the location of any staging areas, temporary facilities, haul roads or access roads.

8.1 Power Supply

The contractor shall provide any temporary power required for the Work.

8.2 Construction Water

Water for dust control, moisture conditioning material to be placed as fill, and for maintaining in-place fill soils shall be obtained by the Contractor. The Contractor must supply all the pumps and tanks necessary. Water will be available at a location determined by the CM.

8.3 Dust Control

During performance of the Work defined by the Specifications or any related operations, the Contractor shall control dust emissions.

8.4 Surface Water Control

The Contractor is responsible for controlling surface water and protecting Work from damage caused by this water.

8.5 Work Area

The Contractor shall:

- Store and dispense fuel, lubricating oils, and chemicals in such a manner to prevent or contain spills and prevent materials from entering local streams or groundwater according to applicable regulatory requirements.

- Maintain copies of Material Safety Data Sheets (MSDS) on file at the site for all hazardous materials.

- Avoid damaging instrumentation or instrumentation cables, such piezometers, used at the site.

8.6 Traffic Control

MCC mine heavy equipment and haulage traffic has the right of way at all times.

The Contractor shall provide a flag person or persons at intersections with limited visibility and heavy traffic.

9.0 MOBILIZATION AND DEMOBILIZATION

Comprises mobilization to the mine of all materials, supplies, equipment and tools required to carry out the Work. It includes demobilization out of the mine of all remaining materials, equipment, and tools, hauled on site by the Contractor to carry out the Work.

All the means of transportation shall be the exclusive responsibility of the Contractor. MMC shall not provide any transportation service to or within the mine.

The Contractor is solely responsible for the planning and mobilization of materials and construction equipment, in accordance with the construction schedule. It is also the responsibility of the Contractor that Sub Contractors and their transportation equipment comply with the same safety regulations as the Contractor.

It is required that all Contractor's and Sub Contractor's equipment to be used in the Work pass a technical inspection conducted by MMC Operations' personnel.

Upon completion of the Work, the Contractor shall remove any temporary structure built during the Work and/or shall require or remove any temporary construction that he may have installed during the Work.

The Contractor shall comply with all regulations at MCC regarding mobilization towards and within the mine.

10.0 SUBMITTALS

The Contractor must submit the following information to the CM:

With Bid:

- Summary of Company Experience;
- resumes of Proposed Contractor's Superintendent, Grouting and Drilling Operations Manager, Drillers, Grouting Operators, and other key personnel;
- a proposed schedule; and
- minimum equipment list, identifying the minimum equipment proposed to complete the Work.

Prior to Mobilization:

- Site-specific Environmental Management Plan;
- site-specific Health and Safety Plan;
- description outlining the proposed methods for conducting the Work, including excavation, drilling, grouting, cutoff wall construction, earthwork;
- QC Plan; and
- revised schedule.

During Construction:

- Maintain an up-to-date construction schedule;
- maintain an up-to-date Environmental Management Plan covering all aspects of the Work; and
- maintain an up-to-date Health and Safety Plan covering all aspects of the Work.

11.0 COMPLETION OF THE WORK

Immediately upon completion of the Work the Contractor shall prepare the Work Completion Report (WCR) that shall provide as a minimum the following:

- Descriptive report;
- original construction record;
- copies of meeting minutes, Field Change Notices (FCN), Site Instructions (SI), Request for information (RFI), and any other format that has been part of the Work;
- original protocols of field or lab tests, duly signed by both parities (Contractor and Site Engineer);
- As Built Drawings based on as-built survey information for foundation preparation, placement for each construction material, and instrumentation installation layout in electronic AutoCAD and hard copy format;
- liner installation As-Built panel layout drawings in electronic AutoCAD and hard copy format;
- calculation sheets for actual quantities of work executed, duly signed by both parities (Contractor and Site Engineer);
- Liquidation of the Work;
- installation details of instrumentation in electronic and hard copy format; and
- final Safety Report.

The Contractor shall demonstrate compliance with all legal, tax, social security and other obligations required by MMC. Submittal of such documents shall be attached to each payment request.

12.0 EXCLUSIONS

Excluded from the scope of work are the materials furnished by MMC.

13.0 SITE INSPECTION

A compulsory site inspection will be held for all bidders. It is essential for all contractors intending on submitting a bid to attend this inspection. Contractors shall provide the following minimum PPE for each staff member attending the meeting:

- Steel toe boots;
- reflective vest;
- bard hat;
- safety glasses;
- hearing protection;
- gloves; and
- appropriate cold climate protection.

14.0 MEASUREMENT AND PAYMENT

Details on measurement and payment for bidding purposes will be added at a later date.

15.0 PRELIMINARY LIST OF QUANTIITES

For bidding purposes, a list of quantities associated with the work proposed in this document is provided in Table 1.

TABLE 1: Dewatering Dikes – Preliminary Quantities for Bidding Purposes

Material	Approximate Quantity		
	Goose Dike	**Bay Zone**	**East Dike**
Rockfill Iron Formation	882 245 m^3	267 626 m^3	146 569 m^3
Rockfill Intermediate Volcanic	384 482 m^3	213 929 m^3	86 035 m^3
Rockfill Ultramafic and Quartzite	270 794 m^3	250 155 m^3	192 435 m^3
Fine Filter	26 601 m^3	10 245 m^3	6 492 m^3
Coarse Filter	26 601 m^3	10 245 m^3	6 492 m^3
Glacial Till Core Backfill	396 985 m^3	123 517 m^3	59 286 m^3
Soil-Bentonite Cutoff wall	4 890 m^3	3 832 m^3	5 158 m^3
Soil-Cement-Bentonite Cutoff wall	10 564 m^3	9 520 m^3	100 m^3
Jet Grout Cutoff wall	7 787 m^3	0 m^3	0 m^3
Bedrock Grouting	1 720 Linear m	1 470 Linear m	840 Linear m
Abutment Cutoff Excavation in Rock	50 m^3	100 m^3	100 m^3

16.0 REFERENCE DRAWINGS AND SPECIFICATIONS

TABLE 2: Dewatering Dike - List of Drawings

Drawing	Number	Title	Revision
6000	00	Location Map And Drawing Index	B
6000	01	Overall Site Plan	B
6000	02	Borehole Location Plan	B
6000	03	Proposed Dike Layout Plan 1 Of 3) Goose Island Dike	B
6000	04	Proposed Dike Layout Plan (2 Of 3)- Bay Zone Dike	B
6000	05	Proposed Dyke Layout Plan (3 Of 3)- East Dike	A
6000	07	Proposed Dike Layout Plan (1 Of 3) - Goose Island Dike With Depth Of Lakebed Contours	B
6000	08	Proposed Dike Layout Plan (2 Of 3) - Bay Zone Dike With Depth Of Lakebed Contours	B
6000	09	Proposed Dike Layout Plan (3 Of 3) - East Dike With Depth Of Lakebed Contours	A
6000	11	Proposed Dike Layout Plan (1 Of 3) - Goose Island Dike With Soil Thickness Isopach Contours	B
6000	12	Proposed Dike Layout Plan (2 Of 3) - Bay Zone Dike With Soil Thickness Isopach Contours	B
6000	13	Proposed Dike Layout Plan (3 Of 3) - East Dike Soil Thickness Isopach Contours	A
6000	19	Proposed Sections (1 Of 5) - Goose Island Dike & Typical Section	B
6000	20	Proposed Sections (2 Of 5) - Goose Island Dike & Typical Section	B
6000	21	Proposed Sections (3 Of 5) - Goose Island Dike & Typical Section	B
6000	22	Proposed Sections (4 Of 5) - Goose Island Dike & Typical Section	B
6000	23	Proposed Sections (5 Of 5) - Goose Island Dike & Typical Section	B

Drawing	Number	Title	Revision
6000	24	Proposed Sections (1 Of 4) - Bay Zone Dike & Typical Section	B
6000	25	Proposed Sections (2 Of 4) - Bay Zone Dike & Typical Section	B
6000	26	Proposed Sections (3 Of 4) - Bay Zone Dike & Typical Section	B
6000	27	Proposed Sections (4 Of 4) - Bay Zone Dike & Typical Section	B
6000	28	Proposed Sections (1 Of 2) - East Dike & Typical Section	B
6000	29	Proposed Sections (2 Of 2) - East Dike & Typical Section	B
6000	30	Dewatering Dike Instrumentation – Plan Location	B
6000	31	Dewatering Dike Instrumentation – Typical Section (1 Of 2)	B
6000	32	Dewatering Dike Instrumentation – Typical Section (2 Of 2)	B
6000	40	Geology Profile (1 Of 3) –East Dike	A
6000	41	Geology Profile (2 Of 3) - Bay Zone Dike	B
6000	42	Geology Profile (3 Of 3)- Goose Island Dike	B

TABLE 3: Dewatering Dike Construction List of Specifications

Specification Number	Title	Revision
1000-01	Administration	E
1000-02	On Land Foundation Preparation and Excavation	D
1000-03	Fill Placement	D
1000-04	Jet Grout Cutoff Wall Construction	D
1000-05	Soil-Bentonite or Soil-Cement-Bentonite Cutoff Wall Construction	D
1000-06	Drilling and Grouting	D
1000-07	Instrumentation Installation	D
1000-08	Quality Control Requirements	D
1000-09	Care of Water	D
1000-10	Turbidity Barrier	D

TABLE 4: Mine Development Plan

Year	Key Issues
-2 and -1	• Stripping at Third Portage peninsula for construction materials • Construct Second Portage (East) dike and Bay Zone dikes • Begin constructing Goose Island dike as construction material becomes available • Lower water level behind East and Bay Zone dikes • Construct plant site
1	• Commence mining of Third Portage pit, south end • Portage pit water pumped to water sump at process plant • Continue and complete construction of Goose Island dike. Dewater behind dike. Commence stripping of overburden materials

Year	Key Issues
2	• Commence mining at Goose Island pit • Portage and Goose Island pit waters, and plant site and airstrip runoff to be directed to attenuation pond, or pumped to water sump at process plant for use as process water as required before discharge of excess to attenuation pond
3-4	• Portage and Goose Island pit waters, and plant site runoff waters, pumped to water sump at process plant for monitoring and treatment and use as process water as required before discharge of excess to attenuation pond. • Begin construction of Vault haul road • Construct Vault dike and dewater Vault Lake
5	• Complete mining of Goose Island pit, and start abandonment • Goose Island pit is available for storage of pit water • Pump pit water from Third Portage pit to Goose Island pit for early flooding, water quality monitoring, and in-pit treatment as required. Small quantity to be pumped to the process plant for treatment and use as process water • Begin mining northward at Third Portage pit towards North Portage deposit. Selective placement of waste rock into south end of Third Portage pit, or into Goose Island pit. Selective placement of ultramafic rock at Portage RSF for future use during closure. • Commence mining at Vault
6-7	• Continue and complete mining of Portage pit (north end) • Continue mining of Vault pit • Continue pumping Portage pit water to Goose Island pit lake until Portage pits are mined-out then allow pits to fill • Monitor water quality within flooded pits, treating in-situ as required and/or pumping to process plant for use as process water
8	• Complete mining in Vault • Continue pumping Portage pit water to Goose Island pit lake until Portage pits are mined-out, then allow pits to fill • Monitor water quality within flooded pits treating in-situ as required and/or pumping to process plant for use as process water • Continue Goose Island pit flooding, monitoring and water treatment; commence Portage pit flooding, monitoring and water treatment.
9	• Mining complete, start final abandonment and restoration • Commence Vault pit flooding.

BW/mrb

O:\ACTIVE_2007\1413\07-1413-0047 MEADOWBANK 2007 ENGINEERING\3000 BAY ZONE DIKE REALIGNMENT\SPEC1000-01-REVE-DEWATERING DIKES ADMINISTRATION .DOC

APPENDIX VI

DRAWINGS

MEADOWBANK

MINING CORPORATION

MEADOWBANK GOLD PROJECT

DE-WATERING DIKE DESIGN

DRAWINGS INDEX		
DWG NO.	DRAWING TITLE	REVISION
6000-00	LOCATION MAP AND DRAWINGS INDEX	B
6000-01	OVERALL SITE PLAN	B
6000-02	BOREHOLE LOCATIONS PLAN	B
6000-03	PROPOSED DIKE LAYOUT PLAN (1 OF 3) - GOOSE ISLAND DIKE	B
6000-04	PROPOSED DIKE LAYOUT PLAN (2 OF 3) - BAY ZONE DIKE	B
6000-05	PROPOSED DYKE LAYOUT PLAN (3 OF 3) - EAST DIKE	A
6000-07	PROPOSED DIKE LAYOUT PLAN (1 OF 3) - GOOSE ISLAND DIKE WITH DEPTH OF LAKEBED CONTOURS	B
6000-08	PROPOSED DIKE LAYOUT PLAN (2 OF 3) - BAY ZONE DIKE WITH DEPTH OF LAKEBED CONTOURS	B
6000-09	PROPOSED DIKE LAYOUT PLAN (3 OF 3) - EAST DIKE WITH DEPTH OF LAKEBED CONTOURS	A
6000-11	PROPOSED DIKE LAYOUT PLAN (1 OF 3) - GOOSE ISLAND DIKE SOIL THICKNESS ISOPACH CONTOURS	B
6000-12	PROPOSED DIKE LAYOUT PLAN (2 OF 3) - BAY ZONE DIKE SOIL THICKNESS ISOPACH CONTOURS	B
6000-13	PROPOSED DIKE LAYOUT PLAN (3 OF 3) - EAST DIKE SOIL THICKNESS ISOPACH CONTOURS	A
6000-19	PROPOSED SECTIONS (1 OF 5) - GOOSE ISLAND DIKE & TYPICAL SECTION	B
6000-20	PROPOSED SECTIONS (2 OF 5) - GOOSE ISLAND DIKE & TYPICAL SECTION	B
6000-21	PROPOSED SECTIONS (3 OF 5) - GOOSE ISLAND DIKE & TYPICAL SECTION	B
6000-22	PROPOSED SECTIONS (4 OF 5) - GOOSE ISLAND DIKE & TYPICAL SECTION	B
6000-23	PROPOSED SECTIONS (5 OF 5) - GOOSE ISLAND DIKE & TYPICAL SECTION	B
6000-24	PROPOSED SECTIONS (1 OF 4) - BAY ZONE DIKE & TYPICAL SECTION	B
6000-25	PROPOSED SECTIONS (2 OF 4) - BAY ZONE DIKE & TYPICAL SECTION	B
6000-26	PROPOSED SECTIONS (3 OF 4) - BAY ZONE DIKE & TYPICAL SECTION	B
6000-27	PROPOSED SECTIONS (4 OF 4) - BAY ZONE DIKE & TYPICAL SECTION	B
6000-28	PROPOSED SECTIONS (1 OF 2) - EAST DIKE & TYPICAL SECTION	B
6000-29	PROPOSED SECTIONS (2 OF 2) - EAST DIKE & TYPICAL SECTION	B
6000-30	DEWATERING DIKE INSTRUMENTATION - PLAN LOCATIONS	B
6000-31	DEWATERING DIKE INSTRUMENTATION - TYPICAL SECTION (1 OF 2)	B
6000-32	DEWATERING DIKE INSTRUMENTATION - TYPICAL SECTION (2 OF 2)	B
6000-40	GEOLOGY PROFILE (1 OF 3) - EAST DIKE	A
6000-41	GEOLOGY PROFILE (2 OF 3) - BAY ZONE DIKE	B
6000-42	GEOLOGY PROFILE (3 OF 3) - GOOSE ISLAND DIKE	B

KEY PLAN

LIST OF SPECIFICATIONS		
SPECIFICATION NO.	TITLE	REVISION
1000-01	ADMINISTRATION	E
1000-02	ON LAND FOUNDATION PREPARATION AND EXCAVATION	D
1000-03	FILL PLACEMENT	D
1000-04	JET GROUT CUTOFF WALL CONSTRUCTION	D
1000-05	SOIL-BENTONITE OR SOIL-CEMENT-BENTONITE CUTOFF WALL CONSTRUCTION	D
1000-06	DRILLING AND GROUTING	D
1000-07	INSTRUMENTATION INSTALLATION	D
1000-08	QUALITY CONTROL REQUIREMENTS	D
1000-09	CARE OF WATER	D
1000-10	TURBIDITY BARRIER	D

NOTE:

UNUSED DWG NOS:

6000-06,
6000-10,
6000-14, 6000-15, 6000-16, 6000-17, 6000-18,
6000-33, 6000-34, 6000-35, 6000-36, 6000-37, 6000-38, 6000-39

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	
A	09MAR07	-	ISSUED FOR TENDER	JK	AS	BW

DRAWING NO. | REFERENCES

STAMP: T.L. ELDRIDGE, LICENSEE, N.W.T.

PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
LOCATION MAP AND DRAWINGS INDEX

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_00	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-00		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

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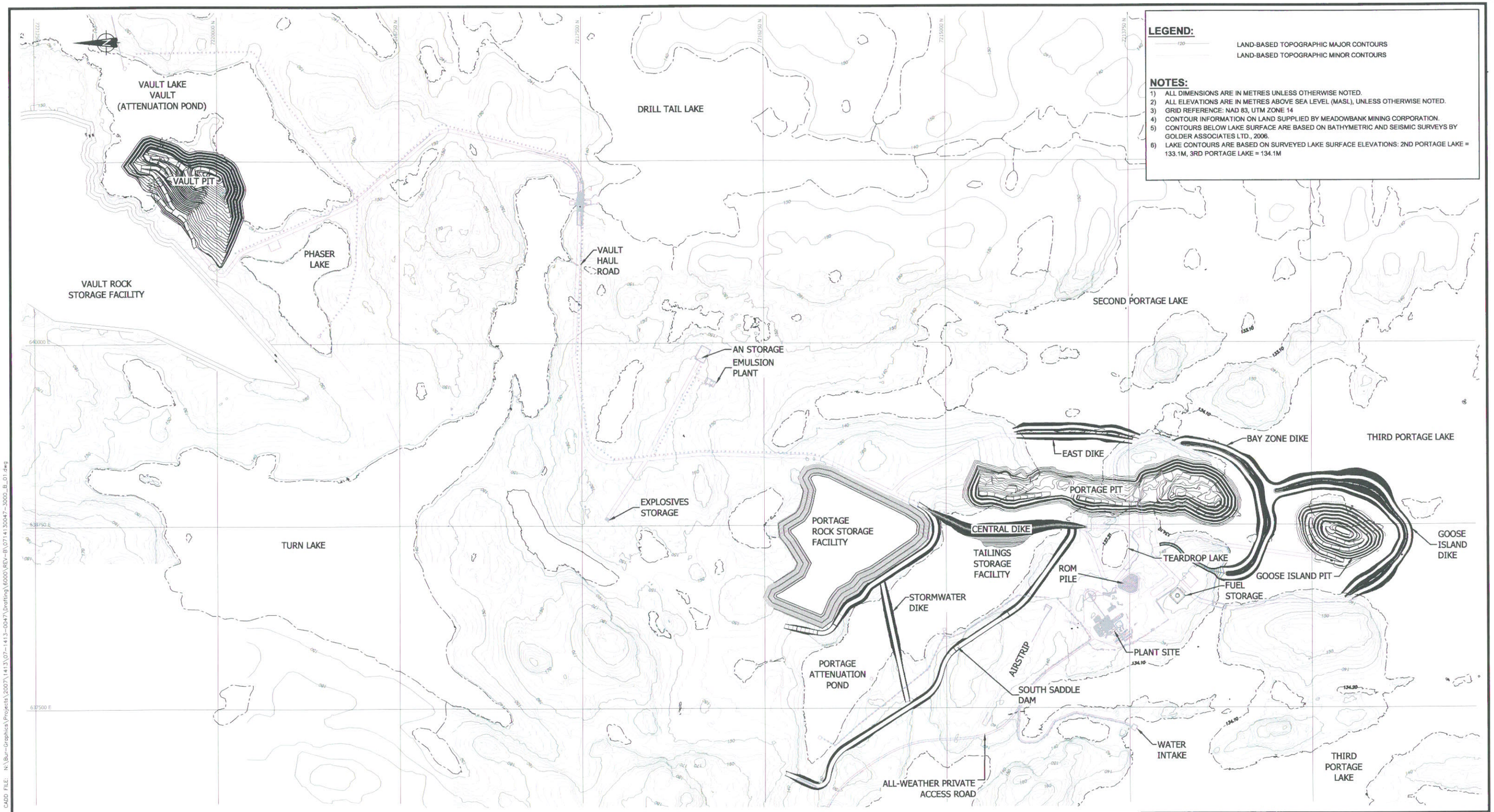

LEGEND:

LAND-BASED TOPOGRAPHIC MAJOR CONTOURS

LAND-BASED TOPOGRAPHIC MINOR CONTOURS

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
A	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	
A	09MAR07	-	ISSUED FOR TENDER	JK	AS	BW

DRAWING NO. | REFERENCES

STAMP: P.L. ELDRIDGE LICENSEE NWT

PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
OVERALL SITE PLAN

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_01	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-01		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

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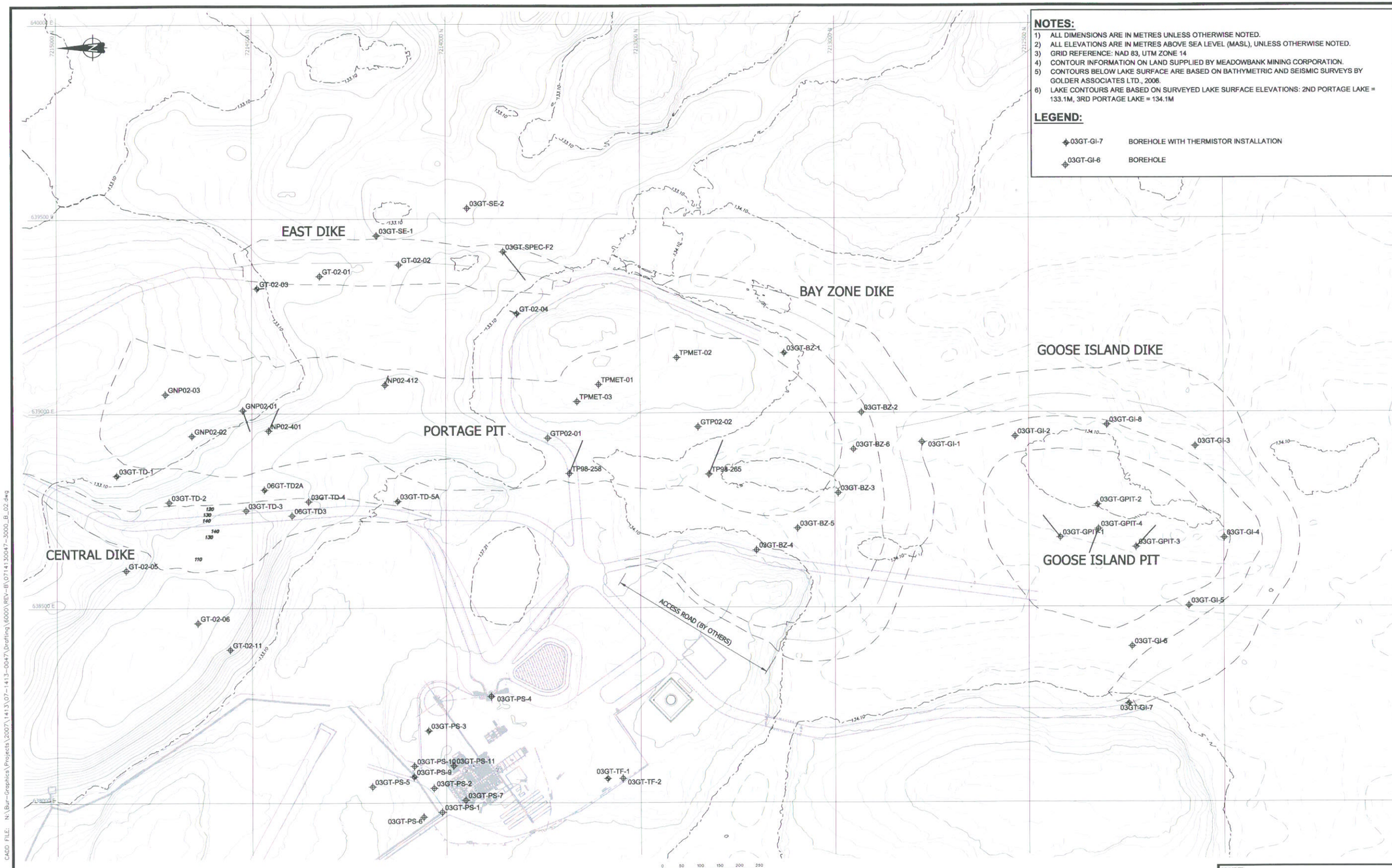

NOTES:

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2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
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5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

LEGEND:

- 03GT-GI-7 — BOREHOLE WITH THERMISTOR INSTALLATION
- 03GT-GI-6 — BOREHOLE

BOREHOLE COORDINATES TABLE

POINT ID	EASTING	NORTHING
03GT-BZ-1	639153.35	7213129.39
03GT-BZ-2	639000.87	7212931.02
03GT-BZ-3	638793.97	7212990.97
03GT-BZ-4	638647.09	7213200.84
03GT-BZ-5	638703.16	7213095.53
03GT-BZ-6	638906.31	7212951.67
03GT-GI-1	638924.84	7212774.75
03GT-GI-2	638938.45	7212534.72
03GT-GI-3	638912.81	7212072.98
03GT-GI-4	638677.28	7211998.75
03GT-GI-5	638502.89	7212090.25
03GT-GI-6	638399.04	7212236.03
03GT-GI-7	638251.94	7212244.79
03GT-GI-8	638967.85	7212299.60
03GT-GPIT-1	638678.58	7212418.99
03GT-GPIT-2	638762.41	7212323.67
03GT-GPIT-3	638653.99	7212225.11
03GT-GPIT-4	638700.02	7212321.26
03GT-PS-1	637975.73	7214010.55
03GT-PS-10	638093.75	7214081.38
03GT-PS-11	638094.50	7213981.60
03GT-PS-2	638036.98	7214031.38
03GT-PS-3	638184.56	7214045.07
03GT-PS-4	638272.61	7213886.00
03GT-PS-5	638041.64	7214188.94
03GT-PS-6	637963.60	7214058.01
03GT-PS-7	638006.34	7213951.22
03GT-PS-9	638066.33	7214082.25
03GT-SE-1	639457.31	7214176.51
03GT-SE-2	639526.98	7213945.45
03GT-SPEC-F2	639415.08	7213853.73
03GT-TD-1	638840.31	7214846.60
03GT-TD-2	638771.36	7214712.28
03GT-TD-3	638750.71	7214515.35
03GT-TD-4	638774.15	7214352.58
03GT-TD-5A	638773.95	7214122.90
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03GT-TF-2	638062.55	7213546.93
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GNP02-03	639049.08	7214721.43
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GT-02-03	639321.11	7214485.82
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GT-02-05	638596.75	7214822.76
GT-02-06	638461.33	7214638.99
GT-02-11	638393.30	7214556.31
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GTP02-02	638964.11	7213350.12
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NP02-412	639073.00	7214155.00
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TPMET-02	639142.37	7213405.14
TPMET-03	639030.01	7213664.10

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
A	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	PwT	-
A	09MAR07	-	ISSUED FOR TENDER	JK	AS	BW

DRAWING NO. | REFERENCES

STAMP

PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
BOREHOLE LOCATIONS PLAN

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_02	
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CADD	EA	27NOV06	6000-02		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

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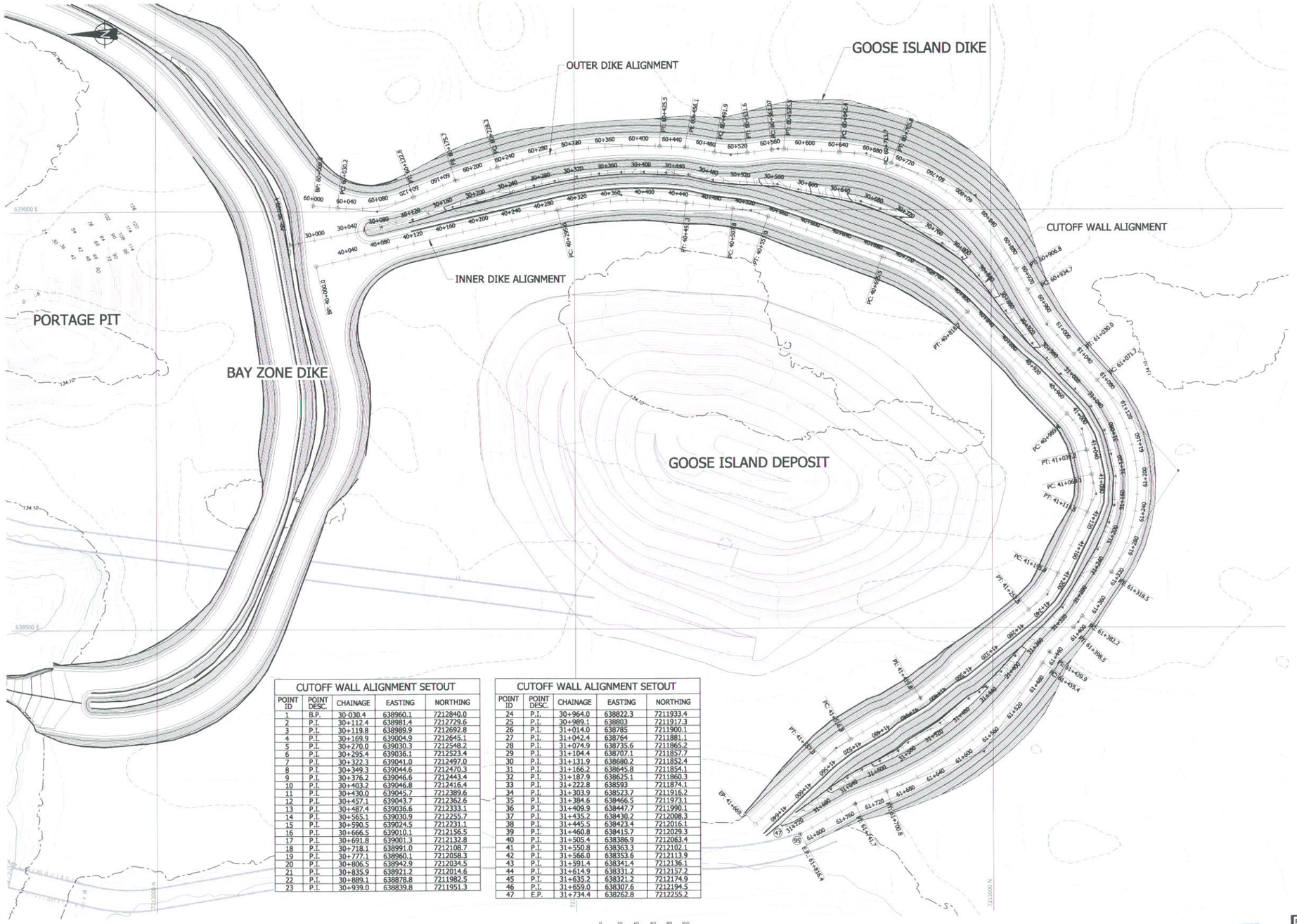

LEGEND:

- LAND-BASED TOPOGRAPHIC MAJOR CONTOURS INTERVAL 10m
- LAND-BASED TOPOGRAPHIC MINOR CONTOURS INTERVAL 2m
- BATHYMETRIC MAJOR CONTOURS INTERVAL 10m
- BATHYMETRIC MINOR CONTOURS INTERVAL 2m
- WATER SHORE LINE

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

INNER DIKE ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING	CURVE DATA
50	B.P.	40+000.00	638948.9	7212810.1	
51	P.C.	40+295.61	639001.3	7212520.3	A= 20d11'18"
	P.I.		639019.1	7212443.6	R= 442
	C.C.		638570.8	7212420.3	T= 78.7
52	P.T.	40+451.34	639009.4	7212365.5	L= 155.7
53	P.C.	40+507.79	639002.4	7212309.5	A= 12d23'27"
	P.I.		638999.7	7212288	R= 200
	C.C.		638803.9	7212334.3	T= 21.7
54	P.T.	40+551.04	638992.5	7212267.5	L= 43.3
55	P.C.	40+695.54	638944.2	7212131.3	A= 26d29'12"
	P.I.		638923.3	7212072.2	R= 266.5
	C.C.		638693	7212220.3	T= 62.7
56	P.T.	40+818.72	638878.2	7212028.6	L= 123.2
57	P.C.	40+989.35	638755.4	7211910.1	A= 32d5'52"
	P.I.		638737	7211892.3	R= 89
	C.C.		638693.6	7211974.1	T= 25.6
58	P.T.	41+039.23	638712	7211887	L= 49.9
59	P.C.	41+069.08	638682.8	7211880.8	A= 37d57'4"
	P.I.		638659.2	7211875.9	R= 70.1
	C.C.		638668.3	7211949.4	T= 24.1
60	P.T.	41+115.50	638637.5	7211886.4	L= 46.4
61	P.C.	41+195.91	638565.3	7211921.7	A= 25d9'15"
	P.I.		638539.5	7211934.4	R= 128.8
	C.C.		638621.8	7212037.5	T= 28.7
62	P.T.	41+252.47	638521.4	7211956.8	L= 56.6
63	P.I.	41+419.76	638416.6	7212087.1	
64	P.C.	41+516.89	638367.3	7212170.8	A= 12d40'16"
	P.I.		638357.1	7212188.2	R= 181.4
	C.C.		638211	7212078.8	T= 20.1
65	P.T.	41+557.00	638343.3	7212202.9	L= 40.1
66	E.P.	41+669.66	638266.2	7212285	

OUTER DIKE ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING	CURVE DATA
70	B.P.	60+000.0	639007.2	7212812.2	
71	P.C.	60+030.2	639004.4	7212782.1	A= 26d31'11"
	P.I.		639000.1	7212735.1	R= 200
	C.C.		639203.6	7212763.7	T= 47.1
72	T.P.	60+122.8	639017.2	7212691.2	L= 92.6
73	P.I.	60+175.7	639036.4	7212641.9	
74	P.C.	60+228.3	639052.1	7212591.8	A= 19d58'4"
	P.I.		639081.8	7212496.7	R= 565.9
	C.C.		638512	7212422.6	T= 99.6
75	T.P.	60+425.5	639077.3	7212397.2	L= 197.2
76	T.P.	60+456.1	639076	7212366.6	
77	P.C.	60+491.9	639069.8	7212331.4	A= 17d4'53"
	P.I.		639066.4	7212311.7	R= 133.1
	C.C.		639200.9	7212308.5	T= 20
78	T.P.	60+531.6	639068.9	7212291.8	L= 39.7
79	P.C.	60+561.1	639072.6	7212262.5	A= 10d19'25"
	P.I.		639073.5	7212255.4	R= 80
	C.C.		638993.2	7212252.5	T= 7.2
80	T.P.	60+575.5	639073.1	7212248.2	L= 14.4
81	P.C.	60+642.4	639069.4	7212181.4	A= 17d55'49"
	P.I.		639067.6	7212149.4	R= 202.8
	C.C.		638866.9	7212192.5	T= 32
82	T.P.	60+705.8	639056.1	7212119.6	L= 63.5
83	P.C.	60+713.7	639053.3	7212112.3	A= 40d16'21"
	P.I.		639017.1	7212018.2	R= 274.8
	C.C.		638796.9	7212211.1	T= 100.8
84	T.P.	60+906.8	638928.7	7211969.9	L= 193.2
85	P.C.	60+934.7	638904.2	7211956.6	A= 13d0'18"
	P.I.		638862.2	7211933.6	R= 420
	C.C.		639105.6	7211588	T= 47.9
86	T.P.	61+030.0	638826.4	7211901.8	L= 95.3
87	P.C.	61+071.7	638795.3	7211874.1	A= 75d14'54"
	P.I.		638687.1	7211777.8	R= 187.9
	C.C.		638670.4	7212014.5	T= 144.8
88	T.P.	61+318.5	638566.4	7211858	L= 246.8
89	P.C.	61+382.2	638513.3	7211893.2	A= 10d21'39"
	P.I.		638506.5	7211897.7	R= 90.1
	C.C.		638563.2	7211968.3	T= 8.2
90	T.P.	61+398.5	638500.6	7211903.4	L= 16.3
91	P.I.	61+439.9	638470.9	7211932.1	
92	P.C.	61+455.4	638458	7211940.7	A= 34d16'33"
	P.I.		638352.8	7212011	R= 410.3
	C.C.		638686	7212281.8	T= 126.5
93	T.P.	61+700.8	638305.5	7212128.3	L= 245.4
94	P.I.	61+741.7	638290.2	7212166.3	
95	E.P.	61+816.4	638254.1	7212231.6	

CUTOFF WALL ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING
1	B.P.	30-030.4	638960.1	7212840.0
2	P.I.	30+112.4	638981.4	7212729.6
3	P.I.	30+119.8	638989.9	7212692.8
4	P.I.	30+169.9	639004.9	7212645.1
5	P.I.	30+270.0	639030.3	7212548.2
6	P.I.	30+295.4	639036.1	7212523.4
7	P.I.	30+322.3	639041.0	7212497.0
8	P.I.	30+349.3	639044.6	7212470.3
9	P.I.	30+376.2	639046.6	7212443.4
10	P.I.	30+403.2	639046.8	7212416.4
11	P.I.	30+430.0	639045.7	7212389.6
12	P.I.	30+457.1	639043.7	7212362.6
13	P.I.	30+487.4	639036.6	7212333.1
14	P.I.	30+565.1	639030.9	7212255.7
15	P.I.	30+590.5	639024.5	7212231.1
16	P.I.	30+666.5	639010.1	7212156.5
17	P.I.	30+691.8	639001.3	7212132.8
18	P.I.	30+718.1	638991.0	7212108.7
19	P.I.	30+777.1	638960.1	7212058.3
20	P.I.	30+806.5	638942.9	7212034.5
21	P.I.	30+835.9	638921.2	7212014.6
22	P.I.	30+889.1	638878.8	7211982.5
23	P.I.	30+939.0	638839.8	7211951.3

CUTOFF WALL ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING
24	P.I.	30+964.0	638822.3	7211933.4
25	P.I.	30+989.1	638803	7211917.3
26	P.I.	31+014.0	638785	7211900.1
27	P.I.	31+042.4	638764	7211881.1
28	P.I.	31+074.9	638735.6	7211865.2
29	P.I.	31+104.4	638707.1	7211857.7
30	P.I.	31+131.9	638680.2	7211852.4
31	P.I.	31+166.2	638645.8	7211854.1
32	P.I.	31+187.9	638625.1	7211860.3
33	P.I.	31+222.8	638593	7211874.1
34	P.I.	31+303.9	638523.7	7211916.2
35	P.I.	31+384.6	638466.5	7211973.1
36	P.I.	31+409.9	638447.7	7211990.1
37	P.I.	31+435.2	638430.2	7212008.3
38	P.I.	31+445.5	638423.4	7212016.1
39	P.I.	31+460.8	638415.7	7212029.3
40	P.I.	31+505.4	638386.9	7212063.4
41	P.I.	31+550.8	638363.3	7212102.1
42	P.I.	31+566.0	638353.6	7212113.9
43	P.I.	31+591.4	638341.4	7212136.1
44	P.I.	31+614.9	638331.2	7212157.2
45	P.I.	31+635.2	638321.2	7212174.9
46	P.I.	31+659.0	638307.6	7212194.5
47	E.P.	31+734.4	638262.8	7212255.2

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: PROFESSIONAL ENGINEERS ... LICENSED ... N.W.T.

PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT**
PROPOSED DIKE LAYOUT PLAN (1 OF 3)
GOOSE ISLAND DIKE

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_03	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-03		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

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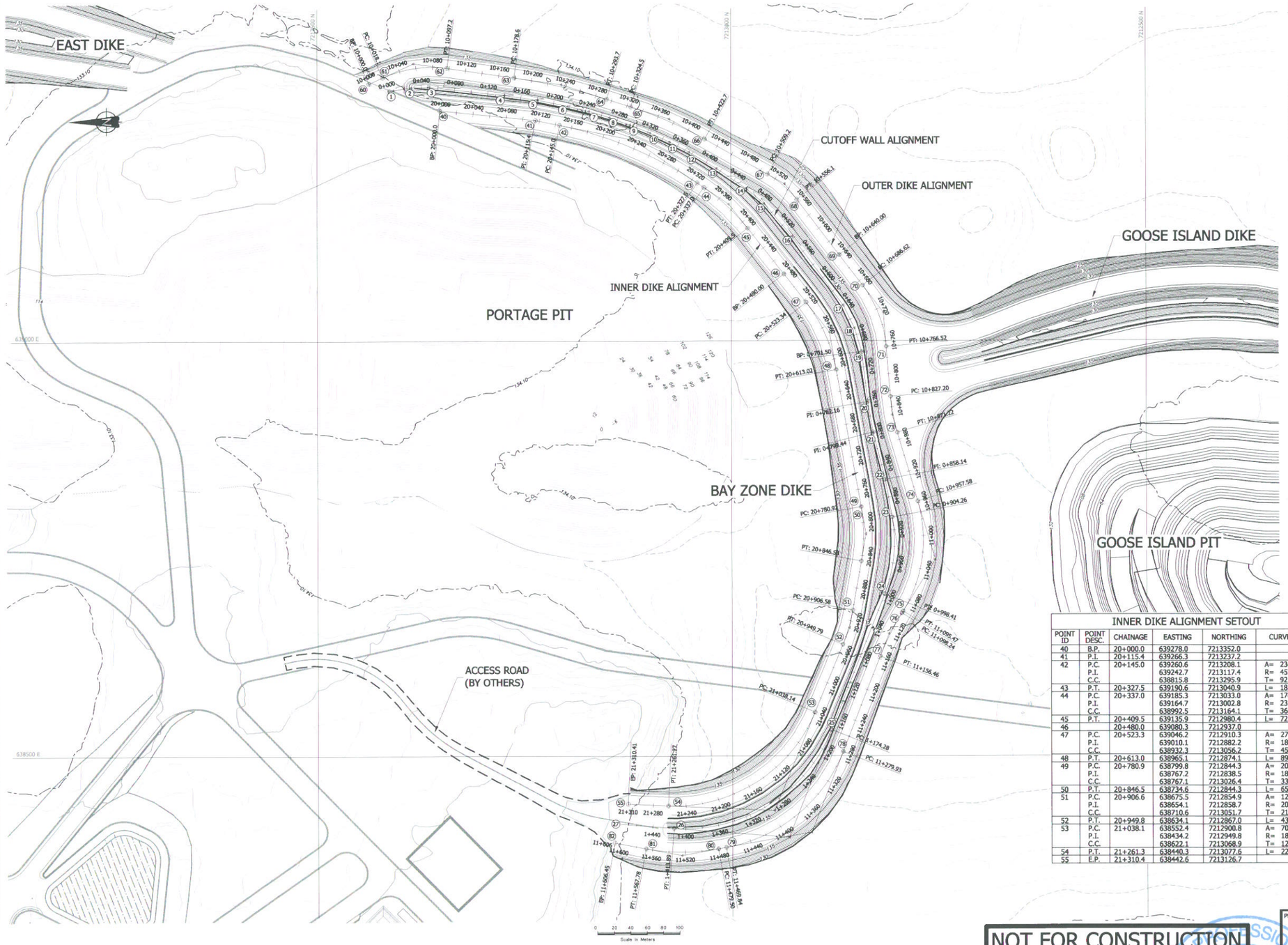

LEGEND:

- LAND-BASED TOPOGRAPHIC MAJOR CONTOURS INTERVAL 10m
- LAND-BASED TOPOGRAPHIC MINOR CONTOURS INTERVAL 2m
- BATHYMETRIC MAJOR CONTOURS INTERVAL 10m
- BATHYMETRIC MINOR CONTOURS INTERVAL 2m
- WATER SHORE LINE

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

CUTOFF WALL ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING	CURVE DATA
1	B.P.	0+000.0	639301.3	7213413.7	
2	P.I.	0+027.7	639306.0	7213386.4	
3	P.I.	0+048.7	639306.5	7213365.4	
4	P.I.	0+140.0	639296.4	7213274.7	
5	P.I.	0+180.5	639290.7	7213234.6	
6	P.I.	0+217.6	639283.5	7213198.2	
7	P.I.	0+243.9	639277.5	7213172.6	
8	P.I.	0+270.2	639270.0	7213147.3	
9	P.I.	0+296.6	639261.1	7213122.5	
10	P.I.	0+322.9	639251.3	7213098.1	
11	P.I.	0+349.3	639240.4	7213074.1	
12	P.I.	0+375.7	639228.1	7213050.6	
13	P.I.	0+414.4	639207.9	7213017.6	
14	P.I.	0+457.0	639183.9	7212982.5	
15	P.I.	0+485.7	639165.5	7212960.5	
16	P.I.	0+537.3	639125.8	7212927.4	
17	P.I.	0+641.5	639042.2	7212865.3	
18	P.I.	0+671.5	639015.4	7212851.8	
19	P.I.	0+701.5	638986.7	7212843.3	
20	P.I.	0+762.1	638926.5	7212835.9	
21	P.I.	0+799.4	638889.8	7212829.6	
22	P.I.	0+858.1	638832.9	7212815.0	
23	P.C.	0+904.3	638787.5	7212806.9	A= 31d43'57"
	P.I.		638740.0	7212798.4	R= 170
	C.C.		638757.6	7212974.2	T= 48.3
24	P.T.	0+998.4	638695.0	7212816.2	L= 94.2
25	P.C.	1+174.3	638531.5	7212880.9	A= 73d1'32"
	P.I.		638402.1	7212932.1	R= 188
	C.C.		638600.7	7213055.7	T= 139.2
26	P.T.	1+413.9	638413.3	7213070.8	L= 239.6
27	E.P.	1+479.1	638418.6	7213135.8	

OUTER DIKE ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING	CURVE DATA
60	B.P.	10+000.0	639310.8	7213437.3	
61	P.T.	10+018.1	639318.3	7213420.9	A= 32d34'55"
	P.I.		639335.1	7213383.8	R= 139.2
	C.C.		639191.5	7213363.4	T= 40.7
62	P.T.	10+097.2	639329.3	7213343.6	L= 79.1
63	P.C.	10+178.6	639317.7	7213263.0	A= 9d20'23"
	P.I.		639309.5	7213205.9	R= 706.3
	C.C.		638618.6	7213363.4	T= 57.7
64	P.T.	10+293.7	639292.2	7213150.9	L= 115.1
65	P.C.	10+324.5	639282.9	7213121.5	A= 12d8'38"
	P.I.		639268.1	7213074.5	R= 463.1
	C.C.		638841.3	7213260.8	T= 49.3
66	P.T.	10+422.7	639243.7	7213031.7	L= 98.2
67	P.C.	10+509.2	639200.9	7212956.5	A= 22d49'59"
	P.I.		639189.1	7212935.9	R= 117.8
	C.C.		639098.5	7213014.8	T= 23.8
68	P.T.	10+556.1	639170.2	7212921.4	L= 46.9
69	P.I.	10+640.0	639103.7	7212870.3	
70	P.C.	10+686.6	639066.7	7212841.9	A= 32d42'3"
	P.I.		639034.2	7212816.9	R= 140
	C.C.		638981.5	7212953.0	T= 41.1
71	P.T.	10+766.5	638993.2	7212813.5	L= 79.9
72	P.C.	10+827.2	638932.8	7212808.4	A= 11d43'53"
	P.I.		638910.7	7212806.6	R= 215
	C.C.		638950.7	7212594.2	T= 22.1
73	P.T.	10+871.2	638889.6	7212800.3	L= 44
74	P.C.	10+957.6	638806.8	7212775.7	A= 48d46'3"
	P.I.		638736.4	7212754.8	R= 162
	C.C.		638760.7	7212931.0	T= 73.4
75	P.T.	11+095.5	638674.3	7212794.0	L= 137.9
76	P.C.	11+098.2	638671.9	7212795.5	A= 10d45'44"
	P.I.		638647.2	7212811.0	R= 310
	C.C.		638506.6	7212533.3	T= 29.2
77	P.T.	11+156.5	638620.1	7212821.7	L= 58.2
78	P.C.	11+279.9	638505.2	7212866.9	A= 58d29'58"
	P.I.		638408.2	7212905.1	R= 186
	C.C.		638573.3	7213040.0	T= 104.2
79	P.T.	11+469.8	638390.1	7213007.6	L= 189.9
80	P.C.	11+479.5	638388.4	7213017.2	A= 20d38'37"
	P.I.		638380.7	7213061.1	R= 245
	C.C.		638629.7	7213059.8	T= 44.6
81	P.T.	11+567.8	638388.9	7213105.0	L= 88.3
82	E.P.	11+606.4	638396.0	7213143.0	

INNER DIKE ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING	CURVE DATA
40	B.P.	20+000.0	639278.0	7213352.0	
41	P.I.	20+115.4	639266.3	7213237.2	
42	P.C.	20+145.0	639260.6	7213208.1	A= 23d3'36"
	P.I.		639242.7	7213117.4	R= 453.3
	C.C.		638815.8	7213295.9	T= 92.5
43	P.T.	20+327.5	639190.6	7213040.9	L= 182.4
44	P.C.	20+337.0	639185.3	7213033.0	A= 17d48'50"
	P.I.		639164.7	7213002.8	R= 233.1
	C.C.		638992.5	7213164.1	T= 36.5
45	P.T.	20+409.5	639135.9	7212980.4	L= 72.5
46		20+480.0	639080.3	7212937.0	
47	P.C.	20+523.3	639046.2	7212910.3	A= 27d46'31"
	P.I.		639010.1	7212882.2	R= 185
	C.C.		638932.3	7213056.2	T= 45.7
48	P.T.	20+613.0	638965.1	7212874.1	L= 89.7
49	P.C.	20+780.9	638799.8	7212844.3	A= 20d19'10"
	P.I.		638767.2	7212838.5	R= 185
	C.C.		638767.1	7213026.4	T= 33.2
50	P.T.	20+846.5	638734.6	7212844.3	L= 65.6
51	P.C.	20+906.6	638675.5	7212854.9	A= 12d22'40"
	P.I.		638654.1	7212858.7	R= 200
	C.C.		638710.6	7213051.7	T= 21.7
52	P.T.	20+949.8	638634.1	7212867.0	L= 43.2
53	P.C.	21+038.1	638552.4	7212900.8	A= 70d14'37"
	P.I.		638434.2	7212949.8	R= 182
	C.C.		638622.1	7213068.9	T= 128
54	P.T.	21+261.3	638440.3	7213077.6	L= 223.1
55	E.P.	21+310.4	638442.6	7213126.7	

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: PROFESSIONAL ENGINEERS ... LICENSEE ... N.W.T.

PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT**
PROPOSED DIKE LAYOUT PLAN (2 OF 3)
BAY ZONE DIKE

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_04	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06			
CHECK	AS	13MAR07	6000-04		
REVIEW	BW	13MAR07			

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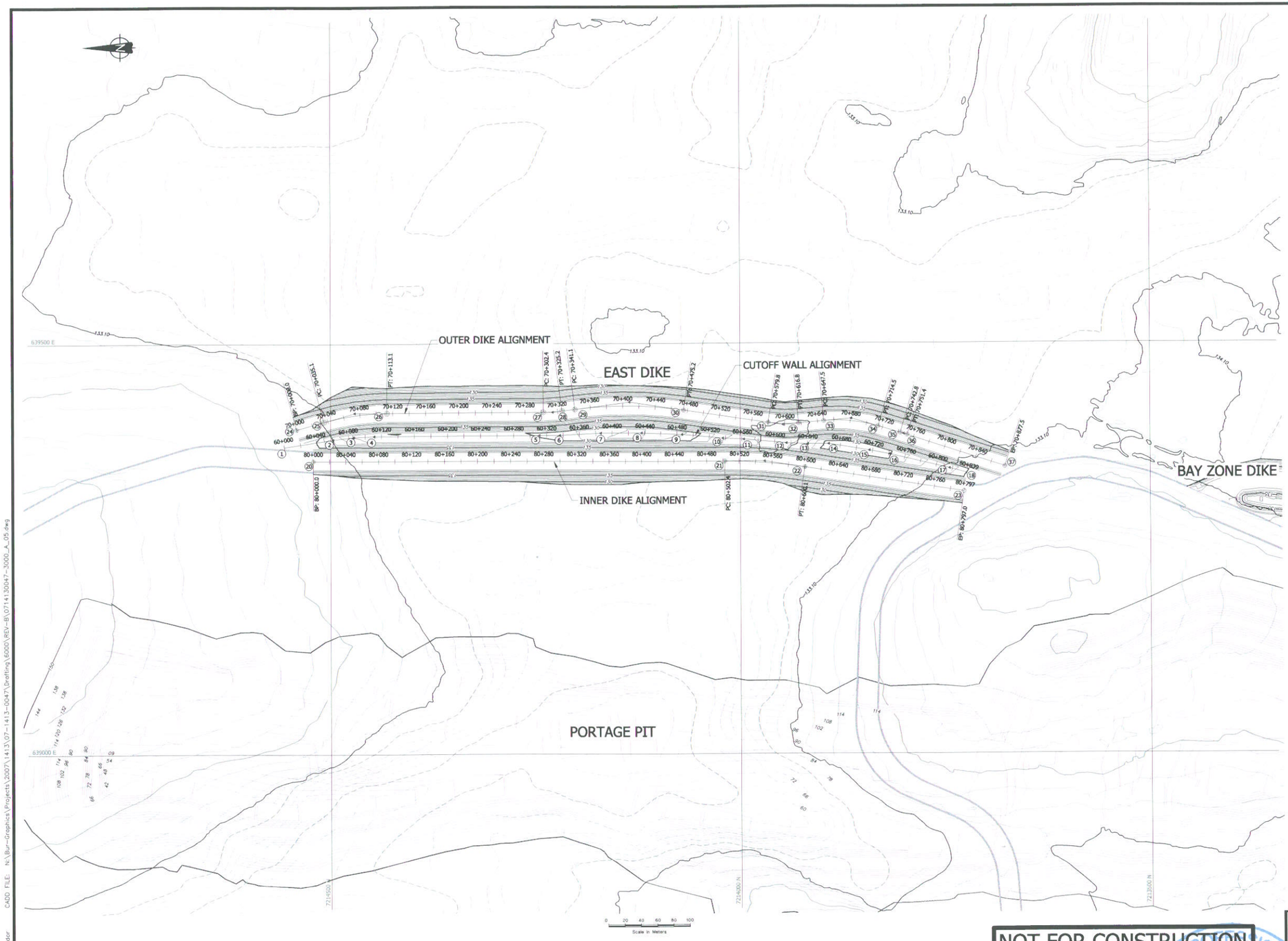


LEGEND:

- LAND-BASED TOPOGRAPHIC MAJOR CONTOURS INTERVAL 10m
- LAND-BASED TOPOGRAPHIC MINOR CONTOURS INTERVAL 2m
- BATHYMETRIC MAJOR CONTOURS INTERVAL 10m
- BATHYMETRIC MINOR CONTOURS INTERVAL 2m
- WATER SHORE LINE

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

CUTOFF WALL ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING
1	B.P.	60+000.0	639374.2	7214556.7
2	P.I.	60+060.8	639383.5	7214496.6
3	P.I.	60+086.1	639386.4	7214471.5
4	P.I.	60+111.3	639387.6	7214446.4
5	P.I.	60+311.3	639387.9	7214246.3
6	P.I.	60+336.3	639388.1	7214221.4
7	P.I.	60+386.4	639390.9	7214171.4
8	P.I.	60+436.5	639390.9	7214121.2
9	P.I.	60+486.6	639388.9	7214071.1
10	P.I.	60+536.9	639384.2	7214021.1
11	P.I.	60+562.8	639382.8	7213995.3
12	P.I.	60+614.6	639377.9	7213943.6
13	P.I.	60+640.5	639376.8	7213917.8
14	P.I.	60+666.0	639376.8	7213892.3
15	P.I.	60+716.2	639369.0	7213842.7
16	P.I.	60+741.3	639364.3	7213818.0
17	P.I.	60+816.6	639347.1	7213744.7
18	E.P.	60+838.8	639341.3	7213723.3

INNER DIKE ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING	CURVE DATA
20	B.P.	80+000.0	639357.3	7214521.3	
21	P.C.	80+502.4	639356.2	7214019	A= 8d39'13"
	P.I.		639356.1	7213970	R= 646.9
	C.C.		638709.3	7214020.3	T= 48.9
22	P.T.	80+600.1	639348.7	7213921.7	L= 97.7
23	E.P.	80+797.0	639318.6	7213727.1	

OUTER DIKE ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING	CURVE DATA
24	B.P.	70+000.0	639395.7	7214541.8	
25	P.C.	70+035.1	639405.1	7214508	A= 15d46'27"
	P.I.		639415.7	7214470.2	R= 283.4
	C.C.		639132.2	7214431.6	T= 39.3
26	T.P.	70+113.1	639415.6	7214430.9	L= 78
27	P.C.	70+302.4	639416.2	7214241.7	A= 7d15'16"
	P.I.		639416.2	7214230.2	R= 180.3
	C.C.		639596.5	7214242.5	T= 11.4
28	T.P.	70+325.2	639417.7	7214218.9	L= 22.8
29	P.C.	70+341.1	639419.8	7214203.2	A= 16d2'58"
	P.I.		639428.6	7214136.2	R= 478.9
	C.C.		638945	7214140.6	T= 67.5
30	T.P.	70+475.2	639418.6	7214069.5	L= 134.2
31	P.C.	70+579.8	639403.1	7213966	A= 13d44'46"
	P.I.		639400.3	7213947.6	R= 154.2
	C.C.		639555.5	7213943.1	T= 18.6
32	T.P.	70+616.8	639402	7213929.1	L= 37
33	P.C.	70+647.5	639404.8	7213898.5	A= 21d33'7"
	P.I.		639407.9	7213864.8	R= 178
	C.C.		639227.5	7213882.4	T= 33.9
34	T.P.	70+714.5	639398.3	7213832.3	L= 67
35	P.C.	70+742.8	639390.4	7213805.1	A= 1d36'32"
	P.I.		639389.1	7213801	R= 304.7
	C.C.		639097.9	7213890.9	T= 4.3
36	T.P.	70+751.4	639387.8	7213797	L= 8.6
37	E.P.	70+877.5	639349	7213677	

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	EA	CADD	CHK	RVW
A	09MAR07	-	ISSUED FOR TENDER	EA		DU	-

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER — EDWIDGE — LICENSEE — July 17/07 — N.W.T.

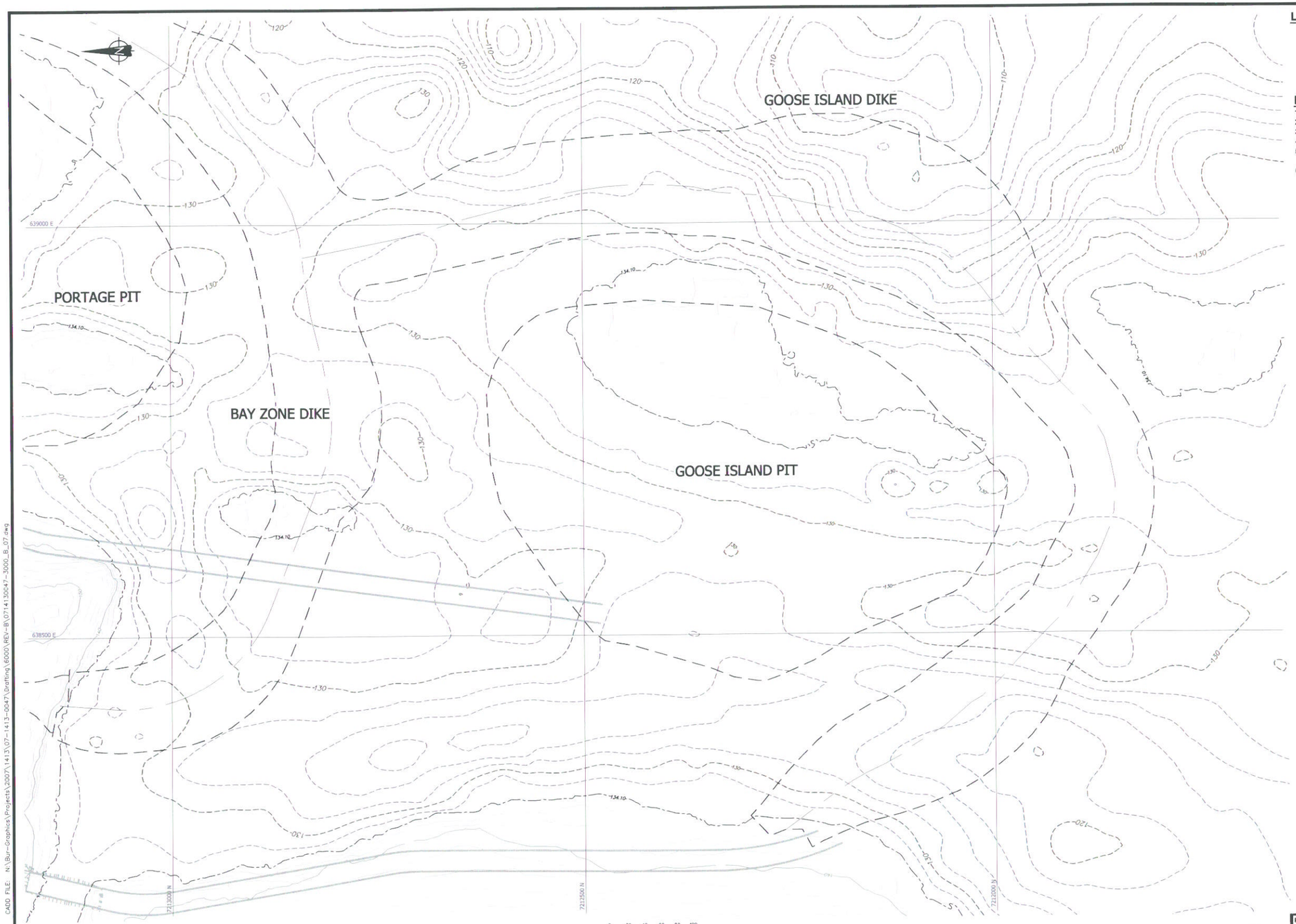
PROJECT

TITLE: **MEADOWBANK GOLD PROJECT**
PROPOSED DIKE LAYOUT PLAN (3 OF 3)
EAST DIKE

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_A_05	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. A
CADD	EA	27NOV06			
CHECK	-	-	6000-05		
REVIEW	-	-			

REVISION DATE: 07/07/16 04:58PM By: ASalvador CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_A_05.dwg



LEGEND:

- LAND-BASED TOPOGRAPHIC MAJOR CONTOURS INTERVAL 10m
- LAND-BASED TOPOGRAPHIC MINOR CONTOURS INTERVAL 2m
- BATHYMETRIC MAJOR CONTOURS INTERVAL 10m
- BATHYMETRIC MINOR CONTOURS INTERVAL 2m
- WATER SHORE LINE

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: PROFESSIONAL ENGINEER — LICENSEE — July 17/07 — REGISTERED — NWT

PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
PROPOSED DIKE LAYOUT PLAN (1 OF 3)
GOOSE ISLAND DIKE WITH DEPTH OF LAKEBED CONTOURS

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_07	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-07		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_07.dwg
REVISION DATE: 07/07/06 04:55PM By: ASalvador

LEGEND:

- LAND-BASED TOPOGRAPHIC MAJOR CONTOURS INTERVAL 10m
- LAND-BASED TOPOGRAPHIC MINOR CONTOURS INTERVAL 2m
- BATHYMETRIC MAJOR CONTOURS INTERVAL 10m
- BATHYMETRIC MINOR CONTOURS INTERVAL 2m
- WATER SHORE LINE

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION			
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BWJ	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW
				CADD	CHK	RVW

DRAWING NO. | REFERENCES

STAMP: PROFESSIONAL ENGINEER — LICENSEE — N.W.T. — 7/17/07

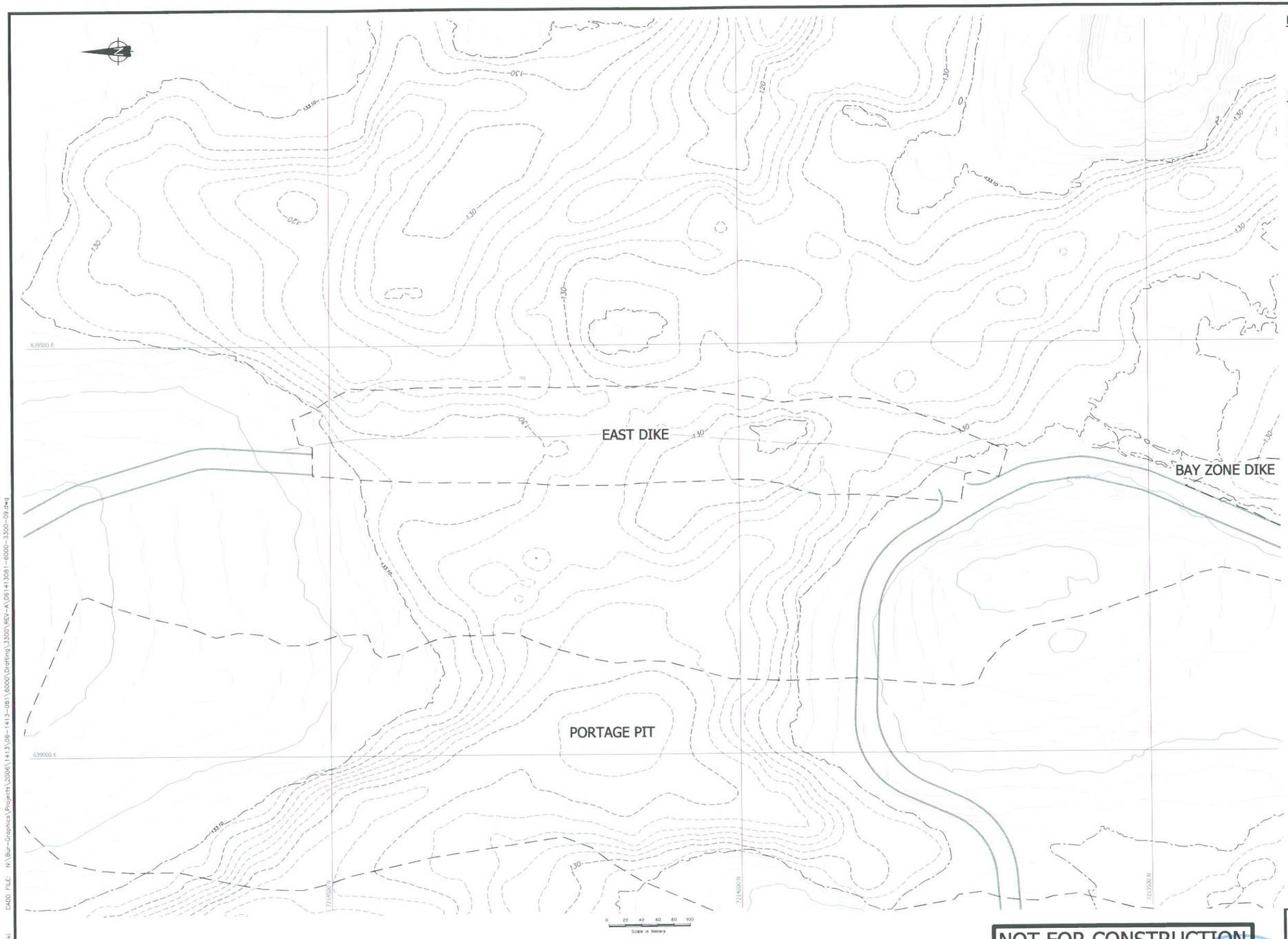
PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
PROPOSED DIKE LAYOUT PLAN (2 OF 3)
BAY ZONE DIKE WITH DEPTH OF LAKEBED CONTOURS

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_08	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-08		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

REVISION DATE: 07/07/06 04:55PM By: ASolvador CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_08.dwg



LEGEND:

- LAND-BASED TOPOGRAPHIC MAJOR CONTOURS INTERVAL 10m
- LAND-BASED TOPOGRAPHIC MINOR CONTOURS INTERVAL 2m
- BATHYMETRIC MAJOR CONTOURS INTERVAL 10m
- BATHYMETRIC MINOR CONTOURS INTERVAL 2m
- WATE SHORE LINE

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
0	09MAR07	-	ISSUED FOR TENDER	EA	PWT	-

DRAWING NO. | REFERENCES

STAMP: PROFESSIONAL ENGINEER — LICENSEE — N.W.T.

PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE:
MEADOWBANK GOLD PROJECT
PROPOSED DIKE LAYOUT PLAN (3 OF 3)
EAST DIKE WITH DEPTH OF LAKEBED CONTOURS

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_A_09	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. A
CADD	EA	27NOV06	6000-09		
CHECK	-	-			
REVIEW	-	-			

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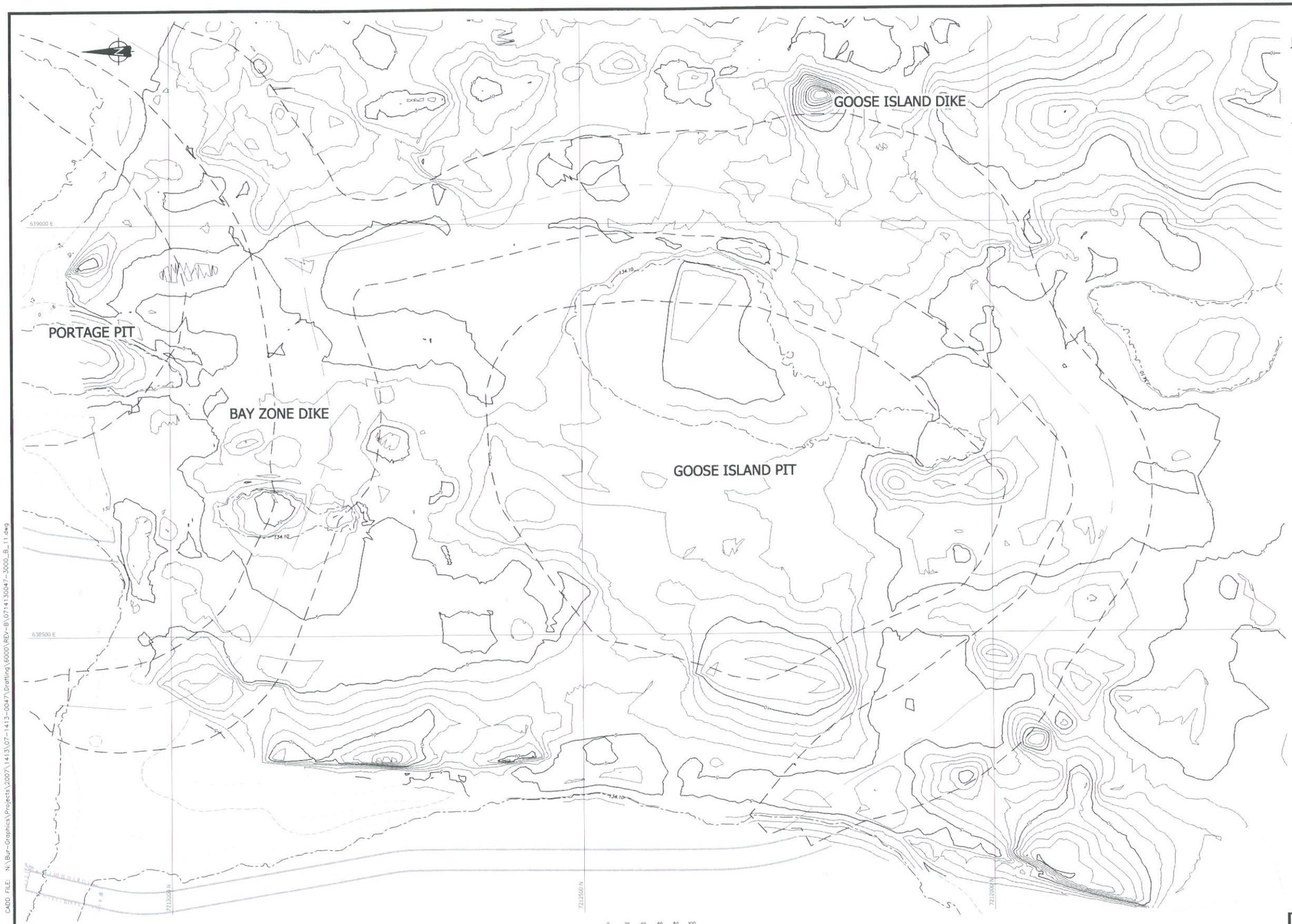
REVISION DATE: 07/03/13 11:58AM By: jkowynocki



LEGEND:

- ISOPACH MAJOR CONTOURS INTERVAL 5m
- ISOPACH MINOR CONTOURS INTERVAL 1m
- WATER SHORE LINE

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) GRID REFERENCE: NAD 83, UTM ZONE 14
3) SOIL THICKNESS INFERRED FROM SEISMIC SURVEY BY GOLDER ASSOCIATES AND SHOULD BE CONFIRMED IN THE FIELD.

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	EA	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BWT	
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: LICENSEE July 17/07 NWT

PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE:
MEADOWBANK GOLD PROJECT
PROPOSED DIKE LAYOUT PLAN (1 OF 3)
GOOSE ISLAND DIKE SOIL THICKNESS ISOPACH CONTOURS

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_11	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-11		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_11.dwg
REVISION DATE: 07/07/06 04:53PM By: ASalvador

LEGEND:

- ISOPACH MAJOR CONTOURS INTERVAL 5m
- ISOPACH MINOR CONTOURS INTERVAL 1m
- WATER SHORE LINE

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) GRID REFERENCE: NAD 83, UTM ZONE 14
3) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M
4) SOIL THICKNESS INFERRED FROM SEISMIC SURVEY BY GOLDER ASSOCIATES AND SHOULD BE CONFIRMED IN THE FIELD.

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
A	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	DWT	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: PROFESSIONAL ENGINEERS REGISTERED N.W.T. LICENSEE July 17/07

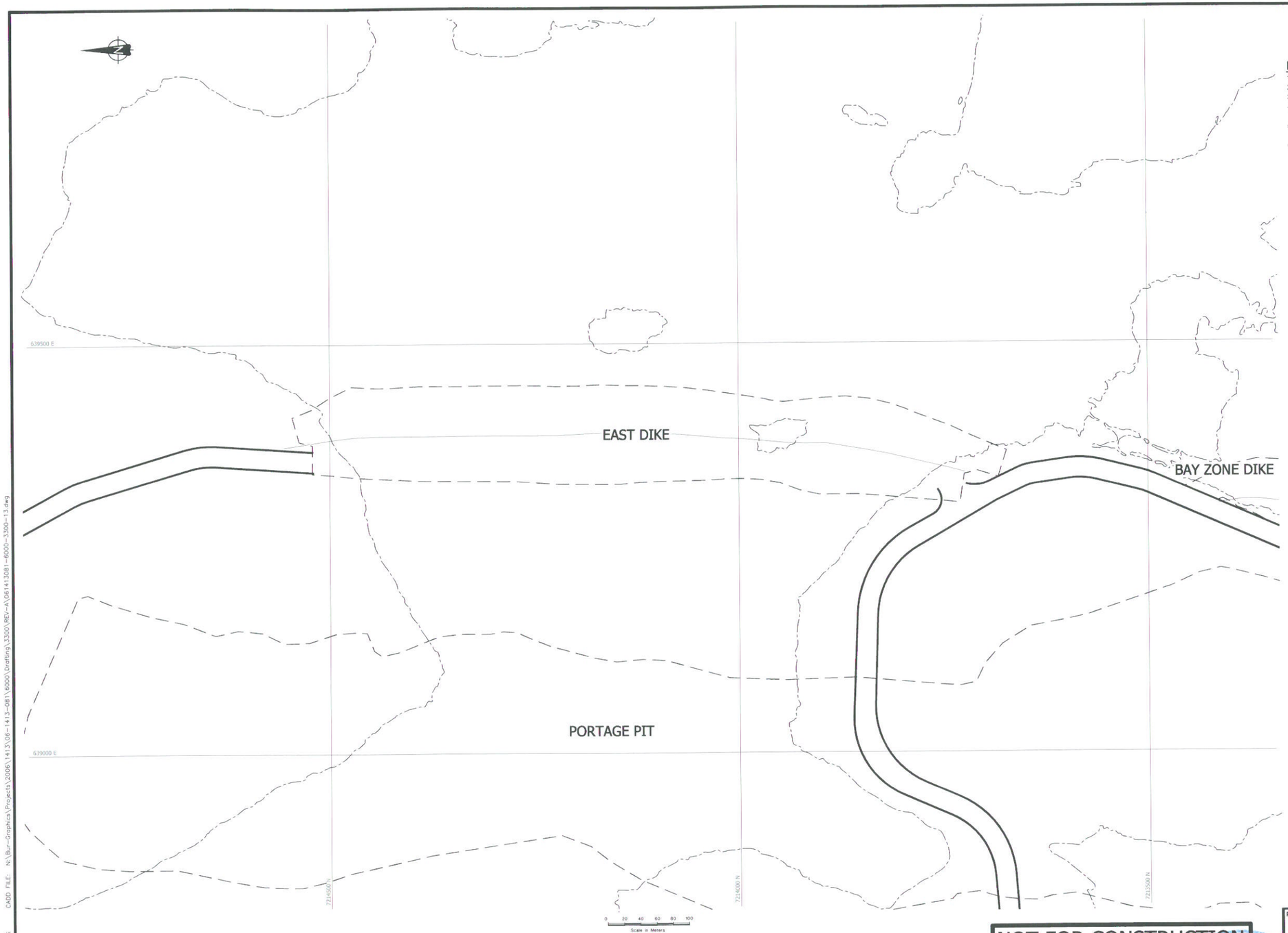
PROJECT
MEADOWBANK
MINING CORPORATION

TITLE
MEADOWBANK GOLD PROJECT
PROPOSED DIKE LAYOUT PLAN (2 OF 3)
BAY ZONE DIKE SOIL THICKNESS ISOPACH CONTOURS

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_12	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-12		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

REVISION DATE: 07/07/06 11:49AM By: ASalvador CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_12.dwg



NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M
5) SOIL THICKNESS INFERRED FROM SEISMIC SURVEY BY GOLDER ASSOCIATES AND SHOULD BE CONFIRMED IN THE FIELD.
6) THICKNESS OF SOIL LESS THAN RESOLUTION OF SEISMIC SURVEY OR LESS THAN 2 METRES.

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
A	09MAR07	-	ISSUED FOR TENDER	EA		-

DRAWING NO. | REFERENCES

STAMP

REGISTERED PROFESSIONAL ENGINEER — LICENSEE — July 17/07 — N.W.T.

PROJECT
MEADOWBANK
MINING CORPORATION

TITLE
MEADOWBANK GOLD PROJECT
PROPOSED DIKE LAYOUT PLAN (3 OF 3)
EAST DIKE SOIL THICKNESS ISOPACH CONTOURS

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_A_13	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. A
CADD	EA	27NOV06	6000-13		
CHECK	-	-			
REVIEW	-	-			

REVISION DATE: 07/03/13 11:58AM By: jkowalski
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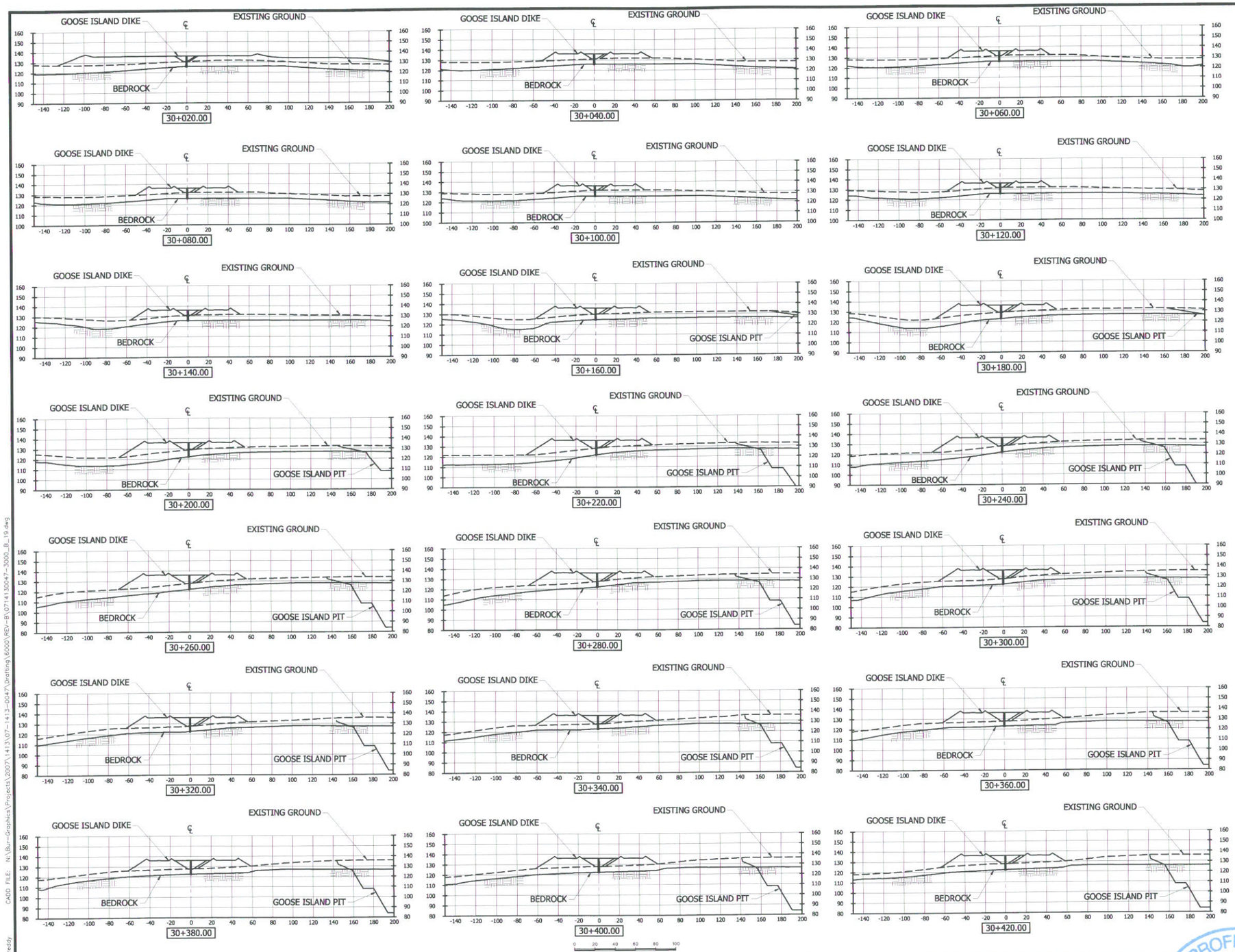
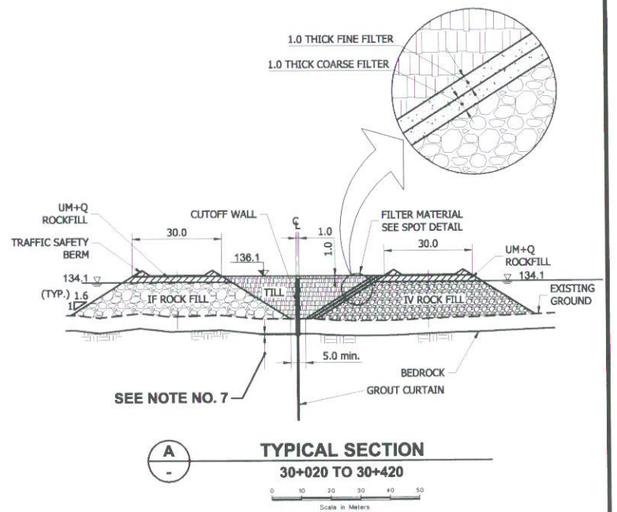


NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M
7) CUTOFF EXTENDED 0.5m INTO BEDROCK OR EQUIPMENT REFUSAL



A - **TYPICAL SECTION**
30+020 TO 30+420

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	PWT	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

PROJECT: **MEADOWBANK MINING CORPORATION**

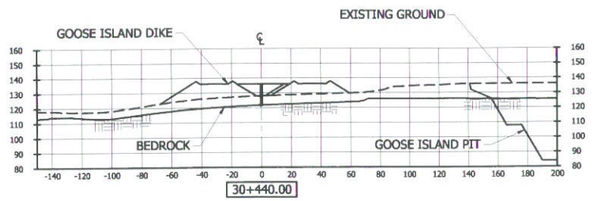
TITLE: **MEADOWBANK GOLD PROJECT PROPOSED SECTIONS (1 OF 5) GOOSE ISLAND DIKE & TYPICAL SECTION**

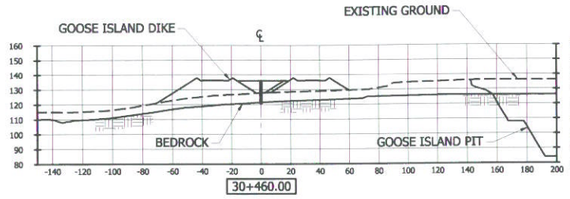
STAMP: PROFESSIONAL ENGINEER LICENSEE July 14 '07 N.W.T.

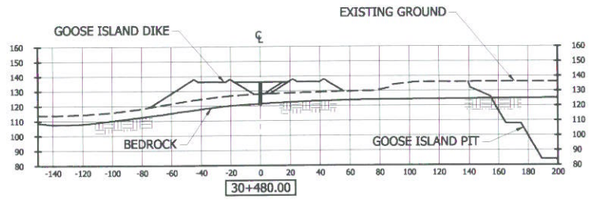
Golder Associates

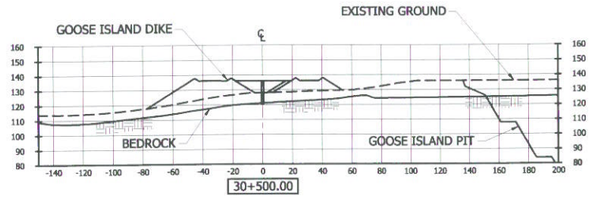
PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_19	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-19		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

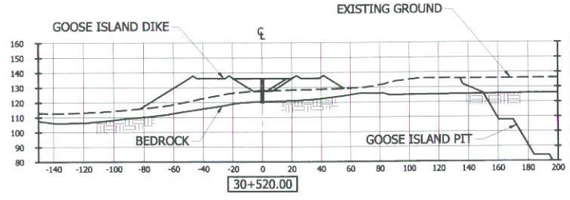
CADD FILE: N:\Bur-Graphics\Projects\2007\1413-0047\Drafting\6000\REV-B\0714130047-3000_B_19.dwg
REVISION DATE: 07/07/10 10:16AM By: sreddy

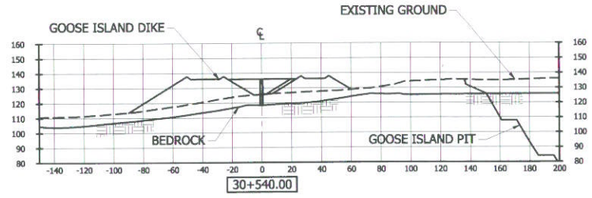


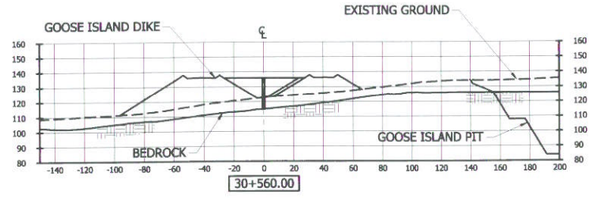


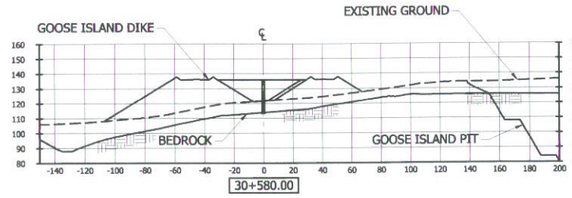


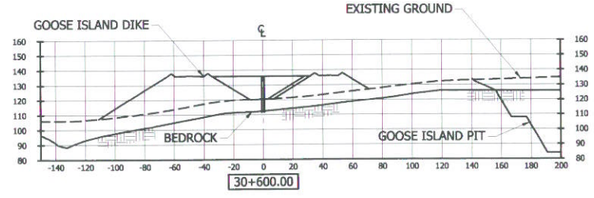


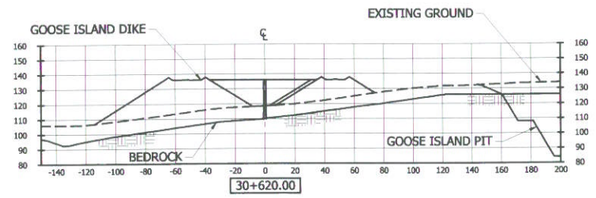


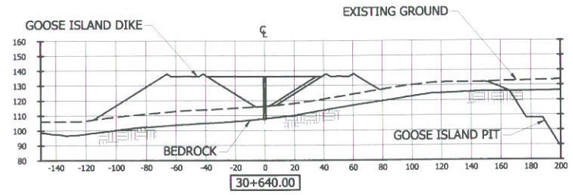


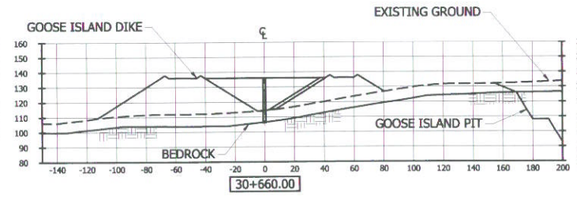


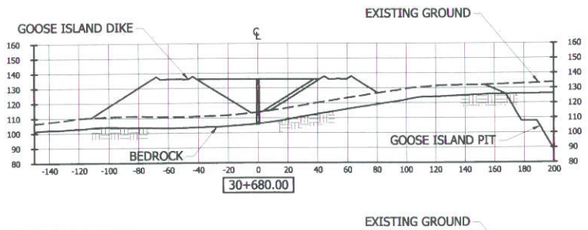


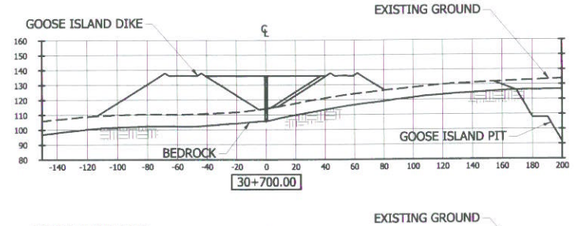


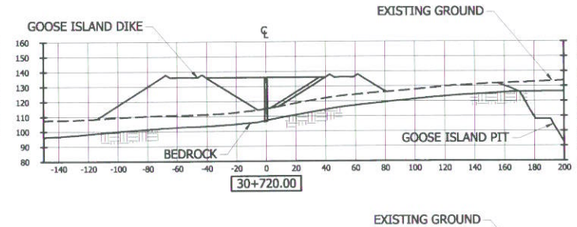


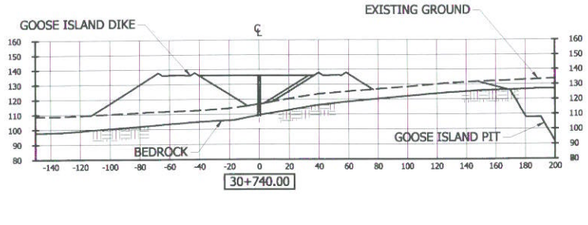


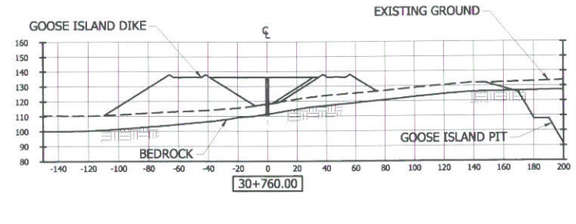


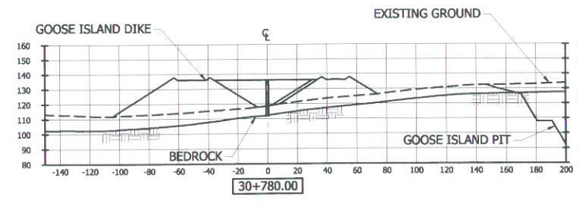








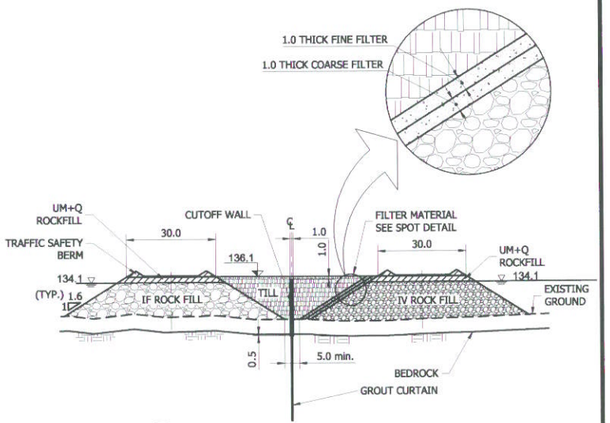


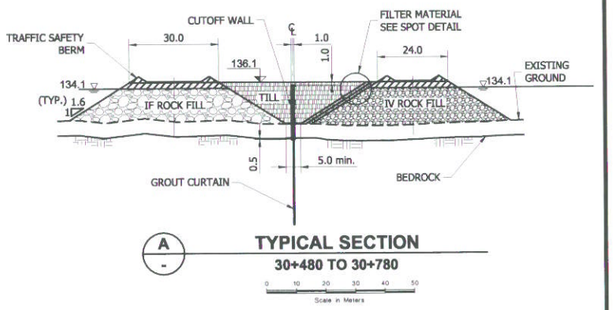


0 20 40 60 80 100
Scale in Meters

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M





NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER LICENSEE July 17/07 N.W.T.

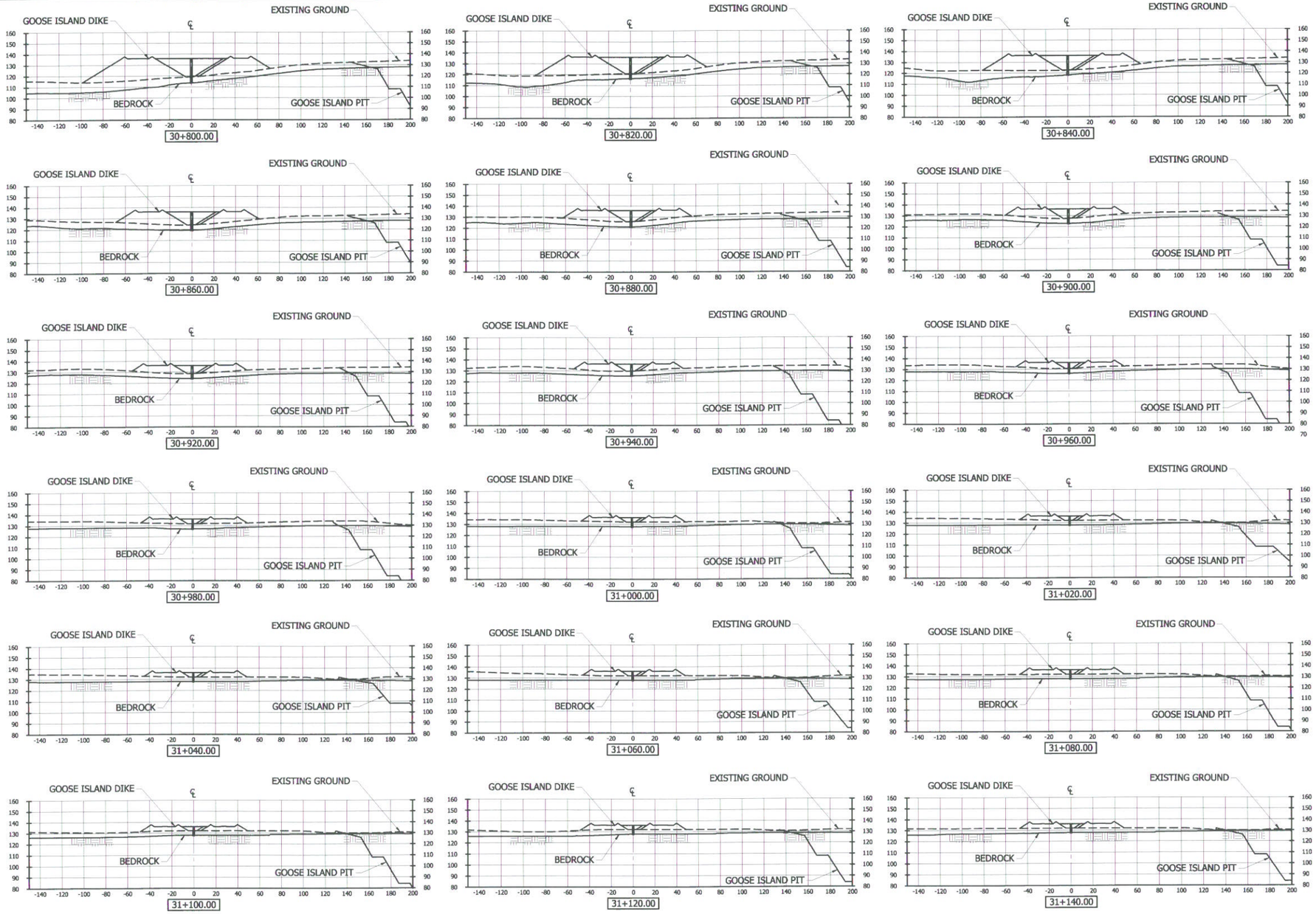
PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT PROPOSED SECTIONS (2 OF 5) GOOSE ISLAND DIKE & TYPICAL SECTION**

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_20	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-20		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

REVISION DATE: 07/07/06 11:44AM By: ASalvador
CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_20.dwg



Scale in Meters 0 20 40 60 80 100

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
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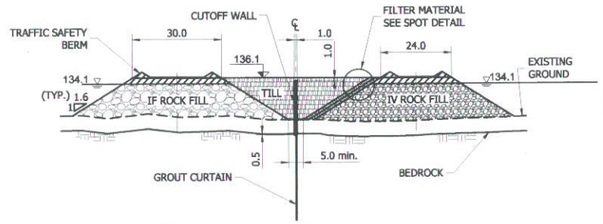
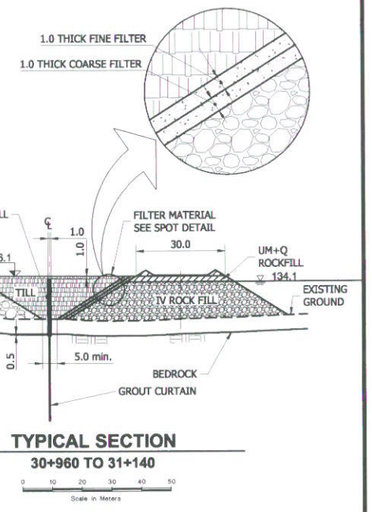


A - **TYPICAL SECTION**
30+800 TO 30+940

Scale in Meters 0 10 20 30 40 50



A - **TYPICAL SECTION**
30+960 TO 31+140

Scale in Meters 0 10 20 30 40 50

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER — LICENSEE — NWT

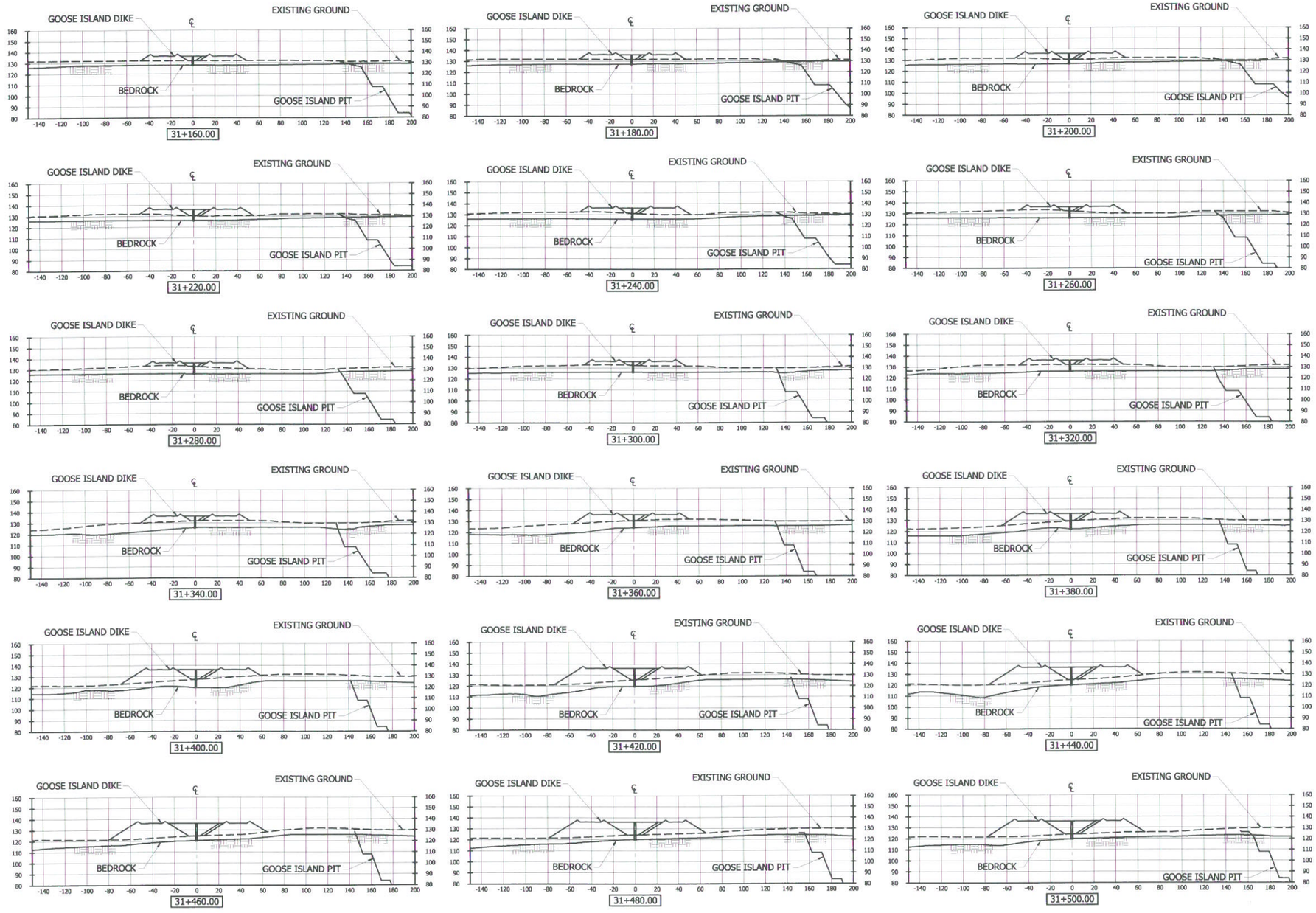
PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
PROPOSED SECTIONS (3 OF 5)
GOOSE ISLAND DIKE & TYPICAL SECTION

Golder Associates

PROJECT No.		06-1413-081	FILE No.	071413004 7-3000_B_21	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-21		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

REVISION DATE: 07/07/06 11:43AM By: ASalvador CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\071413004 7-3000_B_21.dwg



NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
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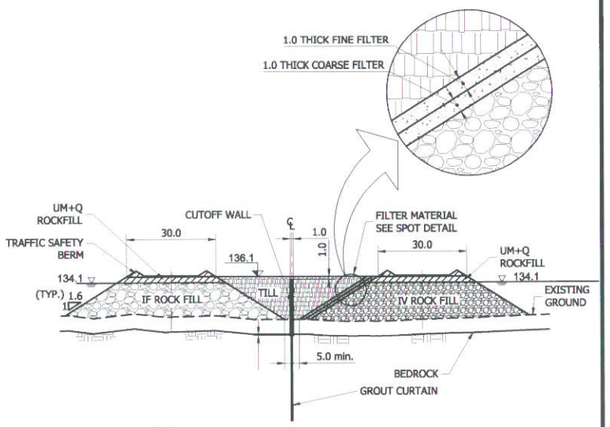
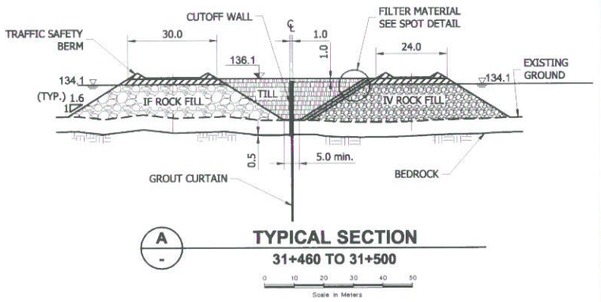


A - **TYPICAL SECTION**
31+160 TO 31+440

Scale in Meters 0 10 20 30 40 50



A - **TYPICAL SECTION**
31+460 TO 31+500

Scale in Meters 0 10 20 30 40 50

Scale in Meters 0 20 40 60 80 100

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: LICENSEE 04/11/09 N.W.T.

PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT PROPOSED SECTIONS (4 OF 5) GOOSE ISLAND DIKE & TYPICAL SECTION**

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_22	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06			
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

6000-22

REVISION DATE: 07/07/06 11:43AM By: ASolvador CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_22.dwg

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
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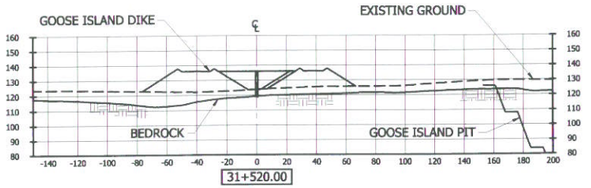
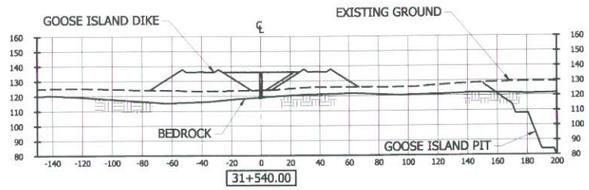
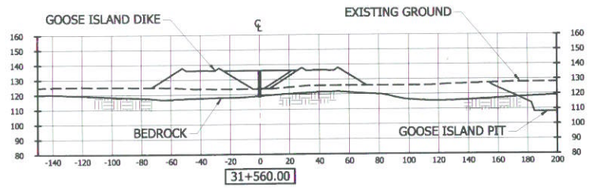
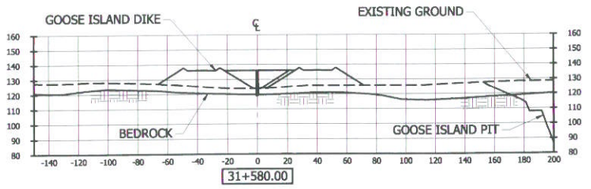
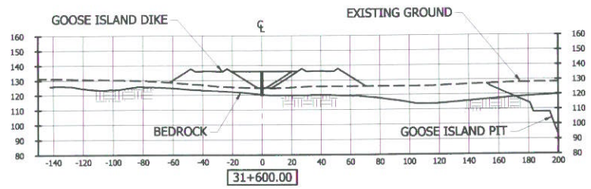
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

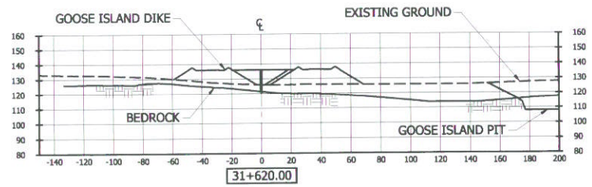


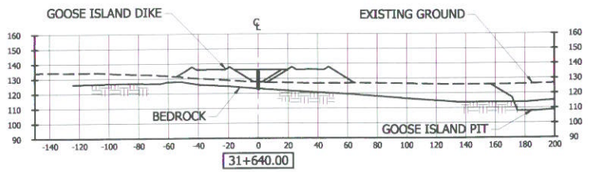


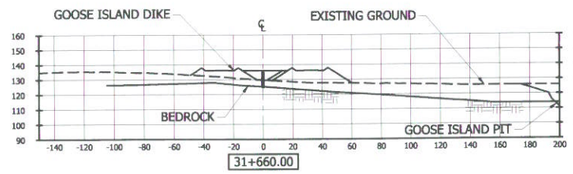


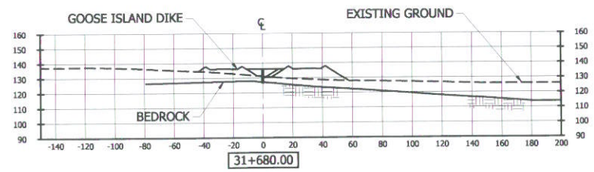


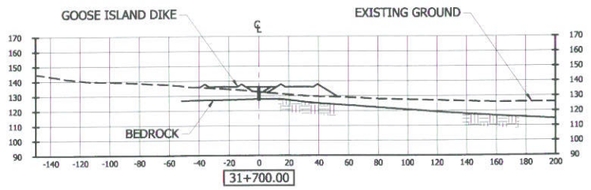


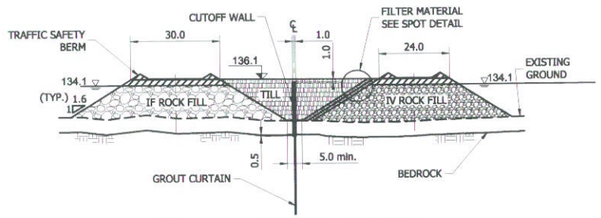










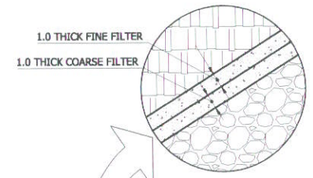


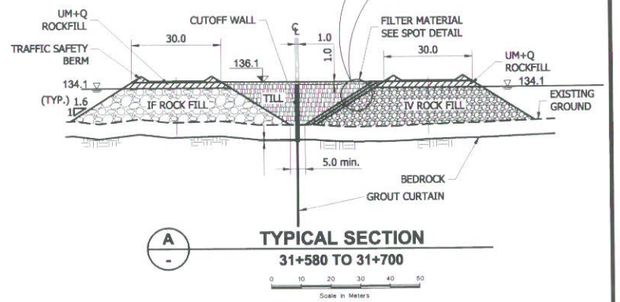
A
-

TYPICAL SECTION

31+520 TO 31+560

Scale in Meters





A
-

TYPICAL SECTION

31+580 TO 31+700

Scale in Meters

Scale in Meters

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP

PROJECT

MEADOWBANK
MINING CORPORATION

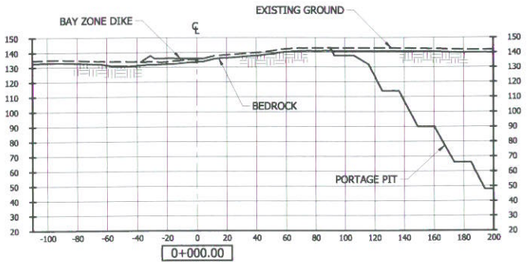
TITLE

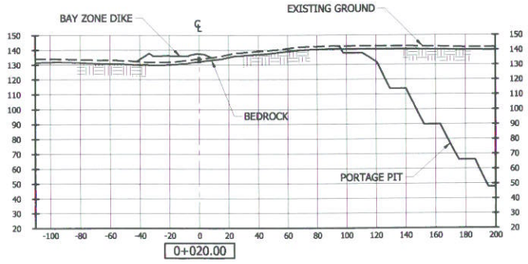
MEADOWBANK GOLD PROJECT
PROPOSED SECTIONS (5 OF 5)
GOOSE ISLAND DIKE & TYPICAL SECTION

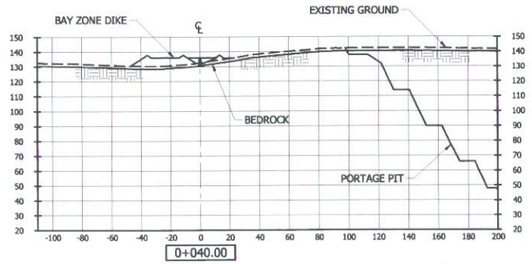
Golder Associates

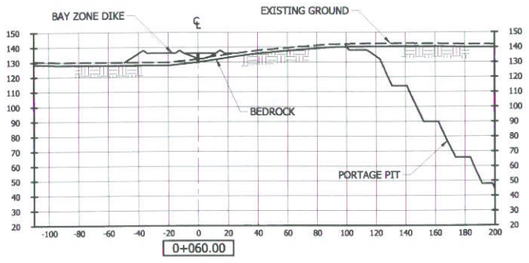
PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_23	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-23		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

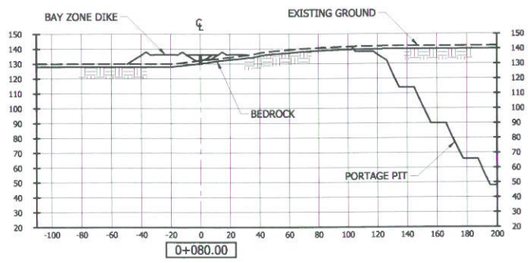
REVISION DATE: 07/07/06 11:42AM By: ASalvador CADD FILE: N:\Bur--Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_23.dwg

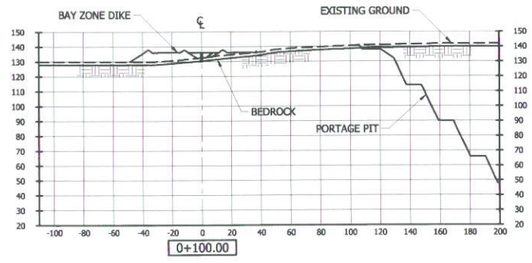


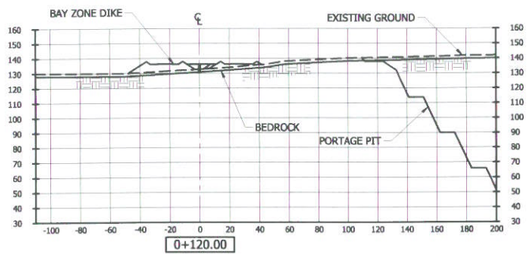


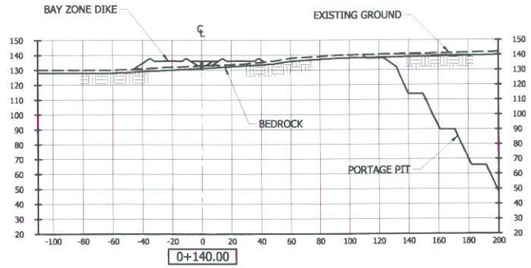


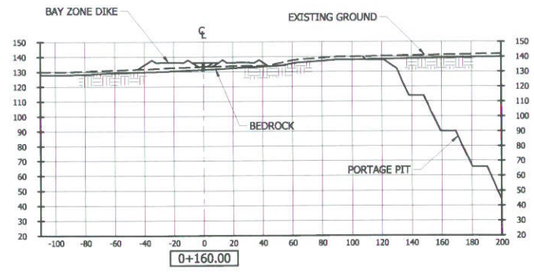


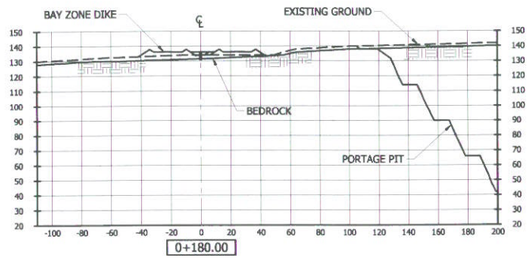


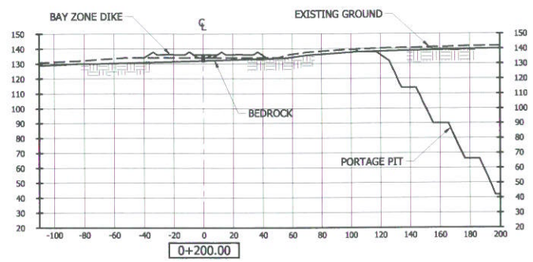


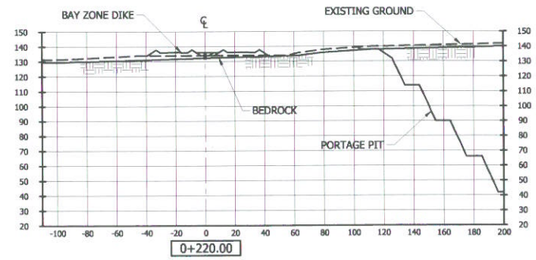












NOTES:

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2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
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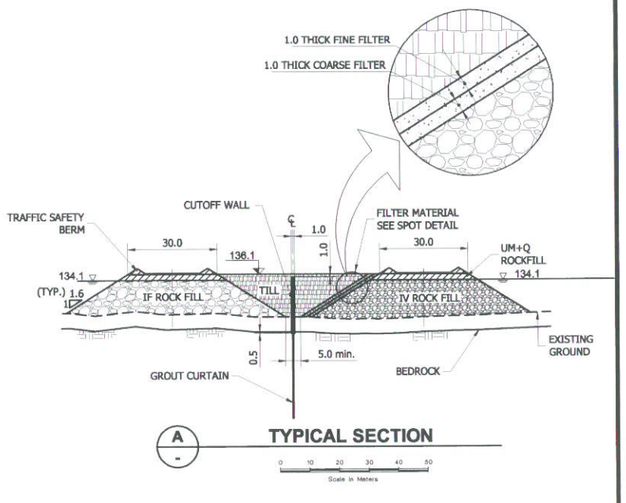

NOT FOR CONSTRUCTION

Scale in Meters

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER T.V. BRIDGE LICENSEE N.W.T.

PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
PROPOSED SECTIONS (1 OF 4)
BAY ZONE DIKE & TYPICAL SECTION

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_24	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-24		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

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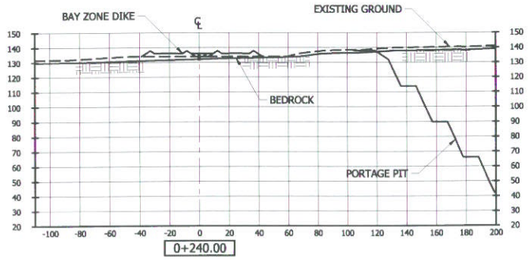

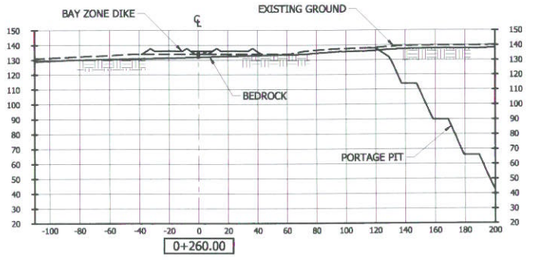

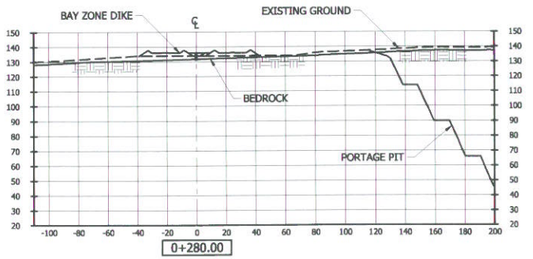

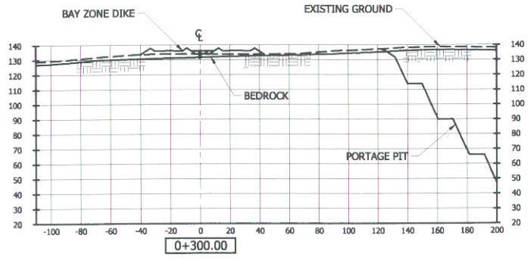

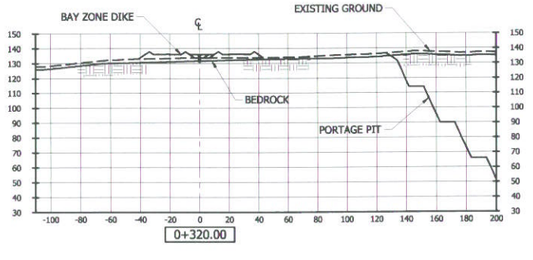

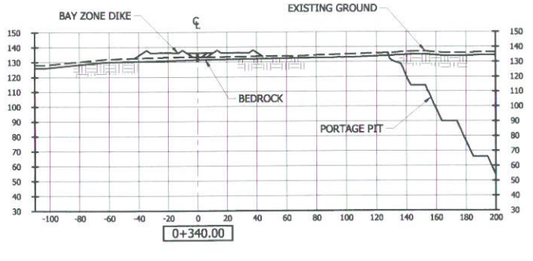

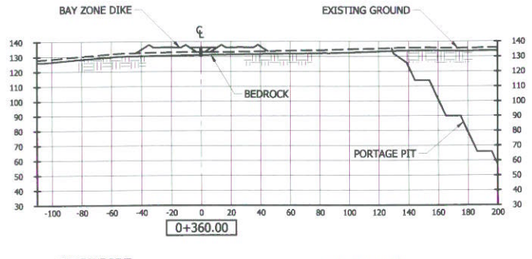

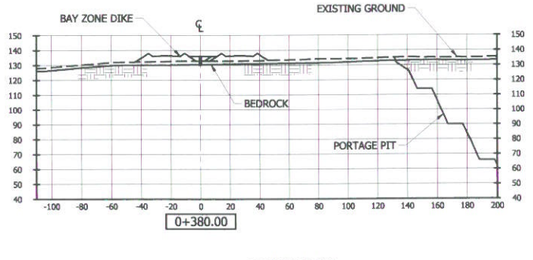

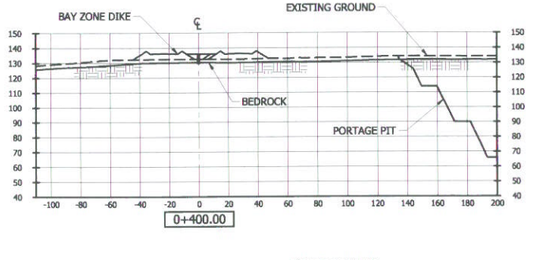

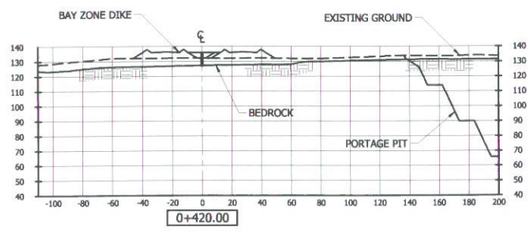

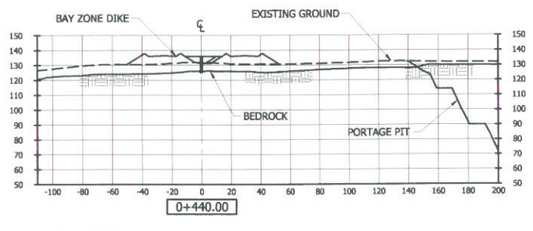

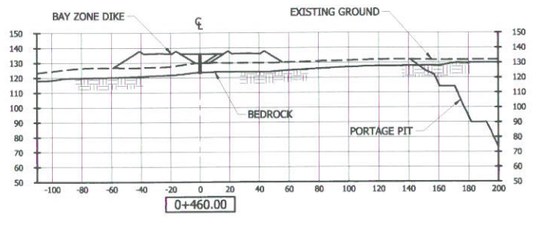

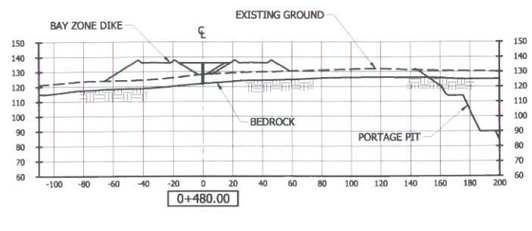

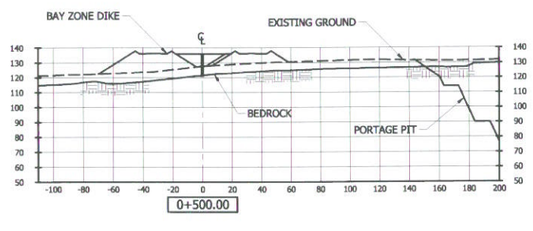

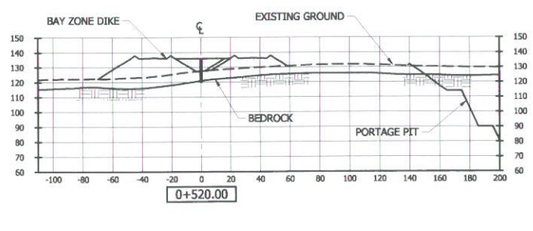

0 20 40 60 80 100
Scale in Meters

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
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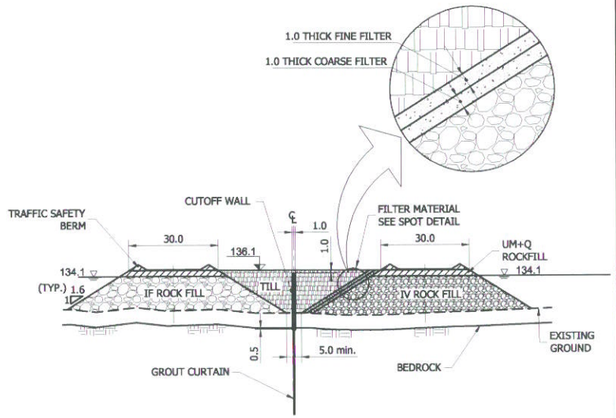
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M



A - **TYPICAL SECTION**

0 10 20 30 40 50
Scale in Meters

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
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A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP

PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT PROPOSED SECTIONS (2 OF 4) BAY ZONE DIKE & TYPICAL SECTION**

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_25	
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CADD	EA	27NOV06	6000-25		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

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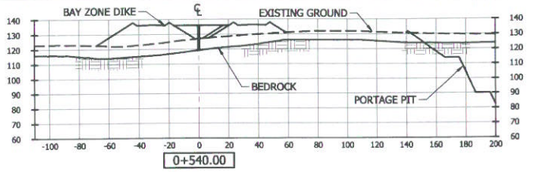

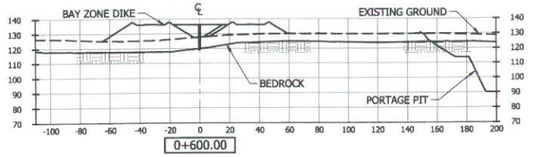

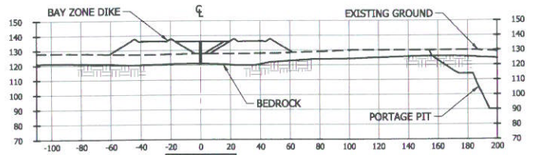

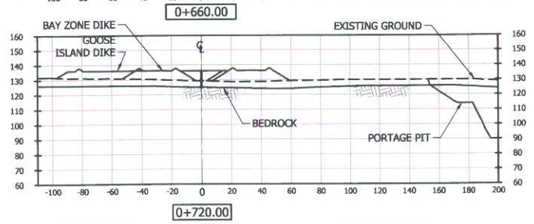

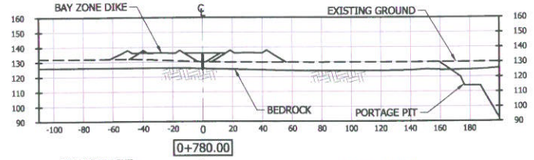

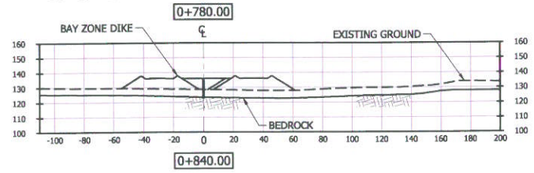

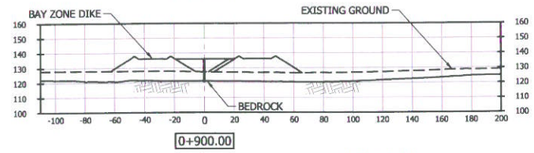

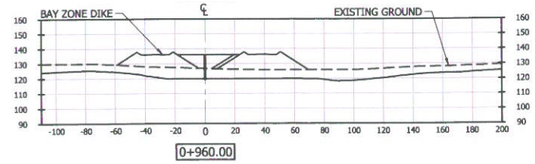

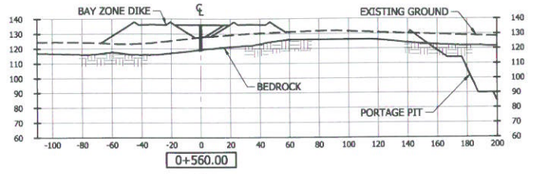

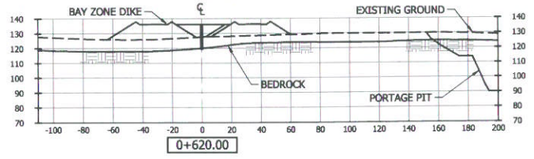

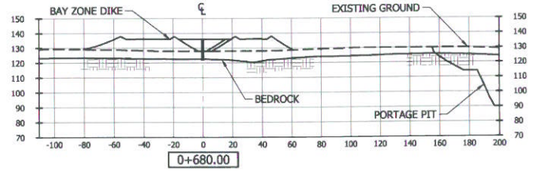

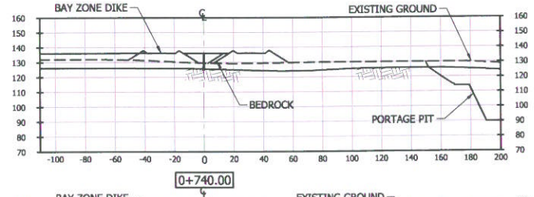

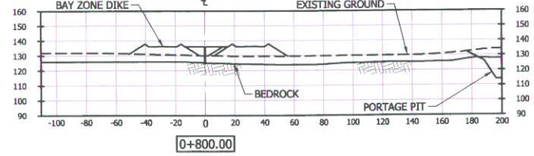

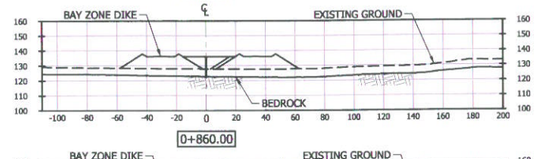

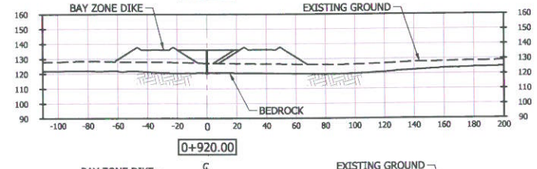

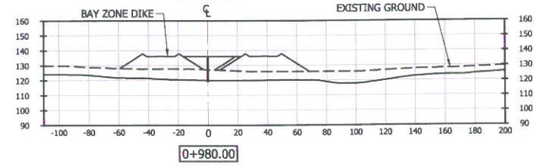

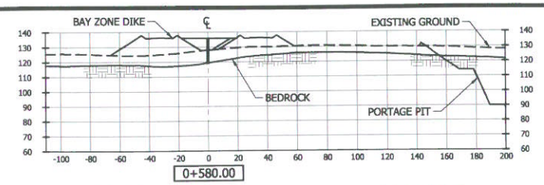

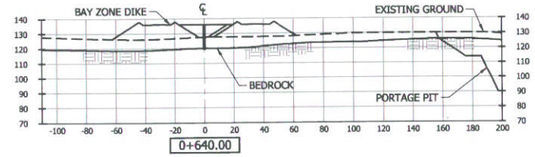

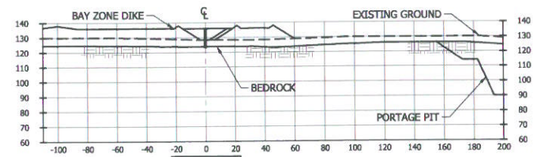

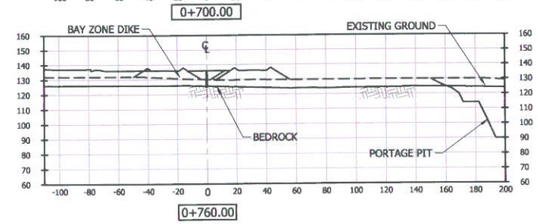

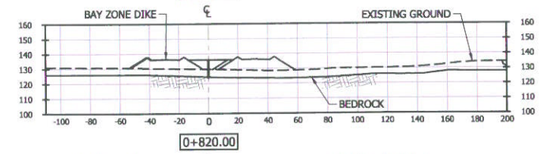

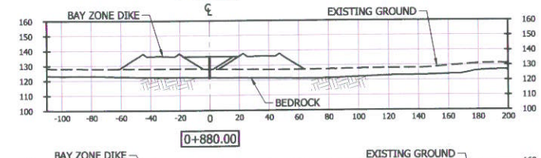

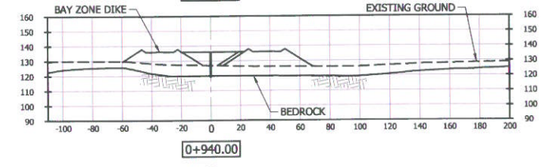

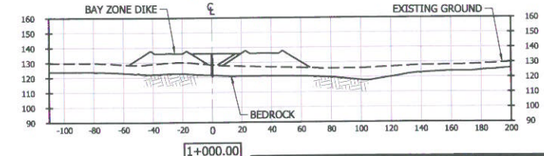

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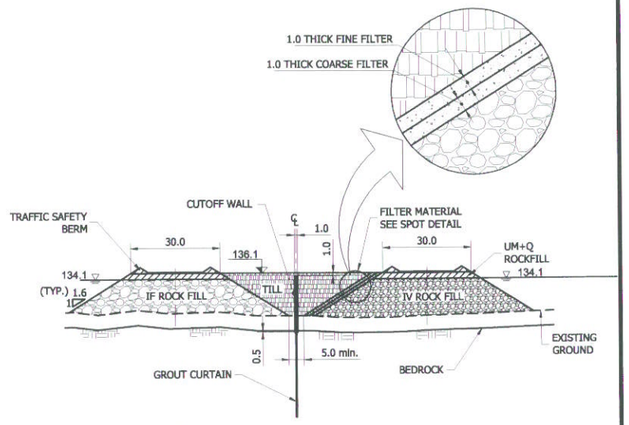

A
-

TYPICAL SECTION

0 10 20 30 40 50
Scale in Meters

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA		-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP

PROJECT
MEADOWBANK
MINING CORPORATION

TITLE
MEADOWBANK GOLD PROJECT
PROPOSED SECTIONS (3 OF 4)
BAY ZONE DIKE & TYPICAL SECTION

Golder Associates

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CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

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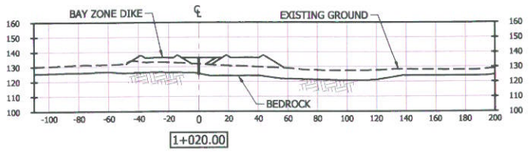
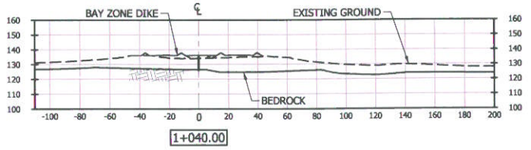
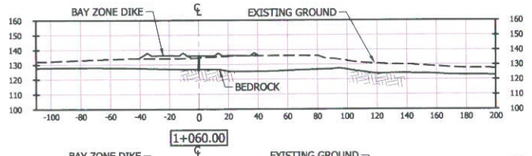
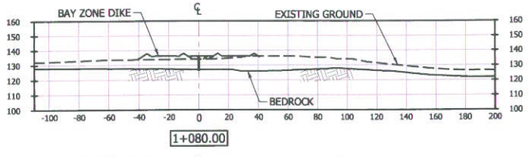
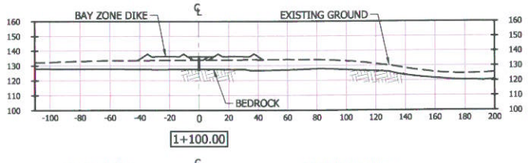
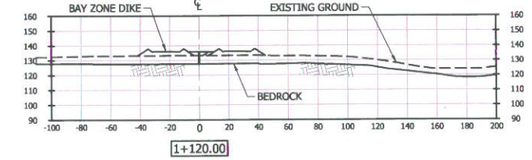


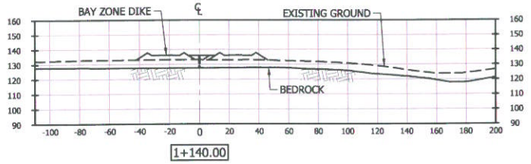


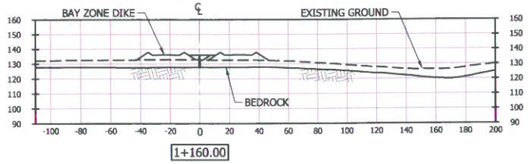


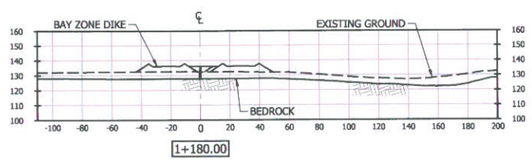


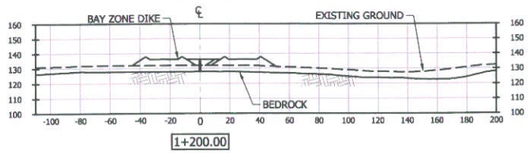


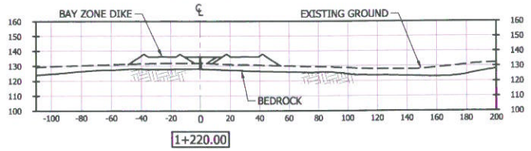


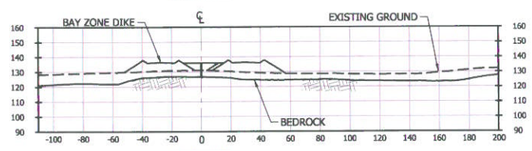


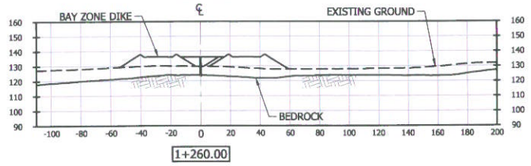


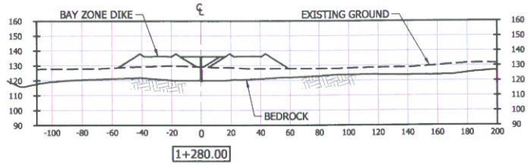


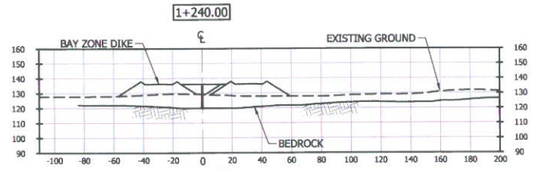


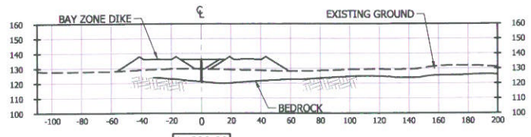


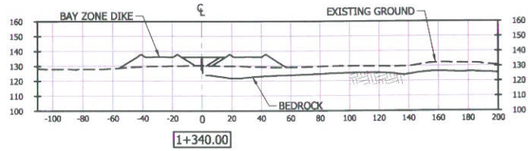


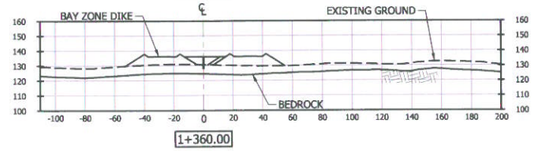


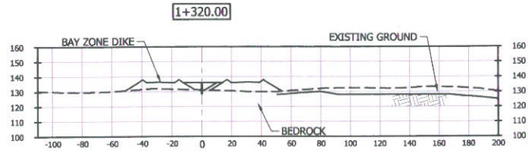


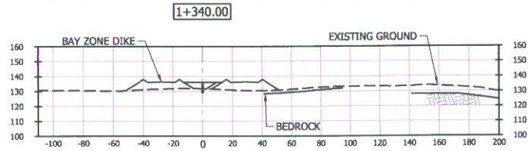


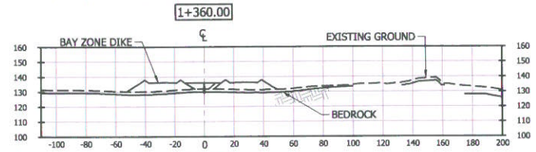


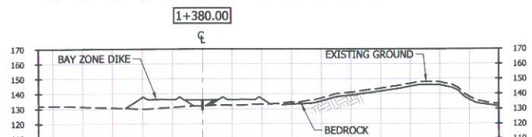


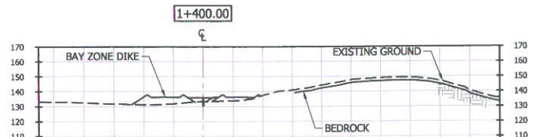








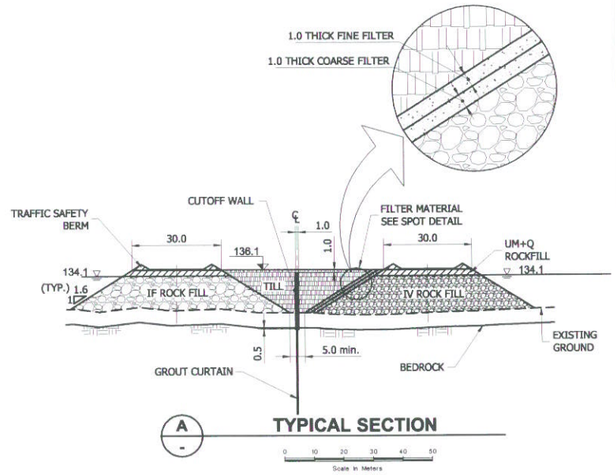




Scale in Meters

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M



NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER — LICENSEE — July 17/07

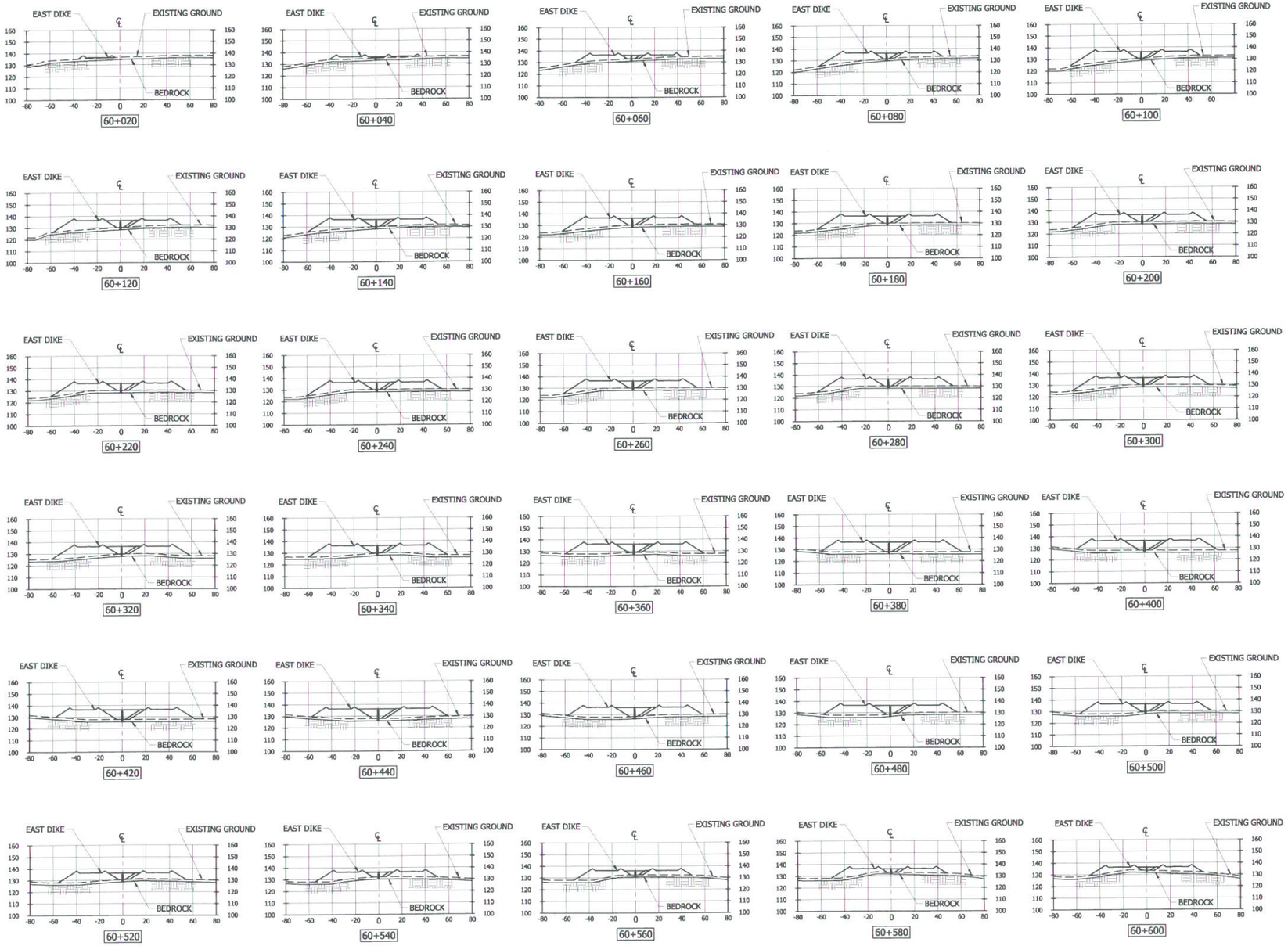
PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT PROPOSED SECTIONS (4 OF 4) BAY ZONE DIKE & TYPICAL SECTION**

Golder Associates

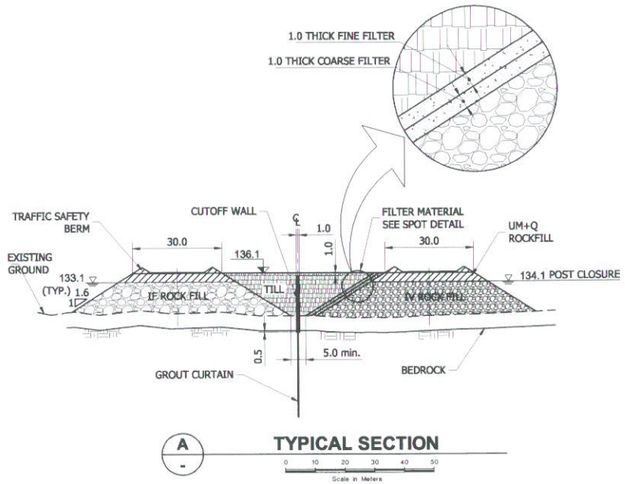
PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_27	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-27		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_27.dwg
REVISION DATE: 07/07/06 04:54PM By: ASalvador



NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M



A
-
TYPICAL SECTION

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	EA	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA		-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER, NORTHWEST TERRITORIES, LICENSEE, July 17/07

PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT PROPOSED SECTIONS (1 OF 2) EAST DIKE & TYPICAL SECTION**

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_28	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-28		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

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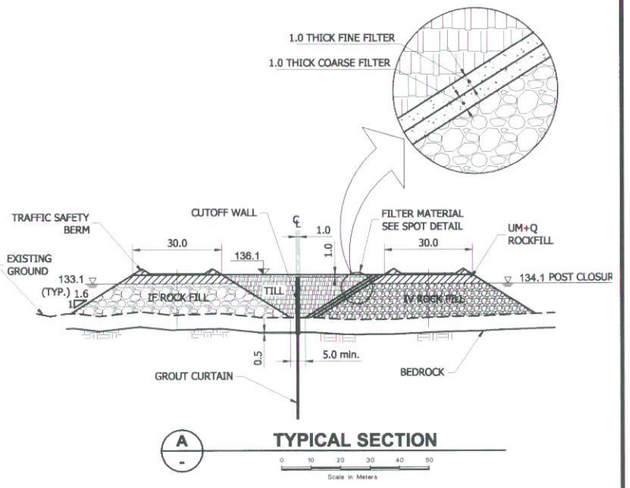
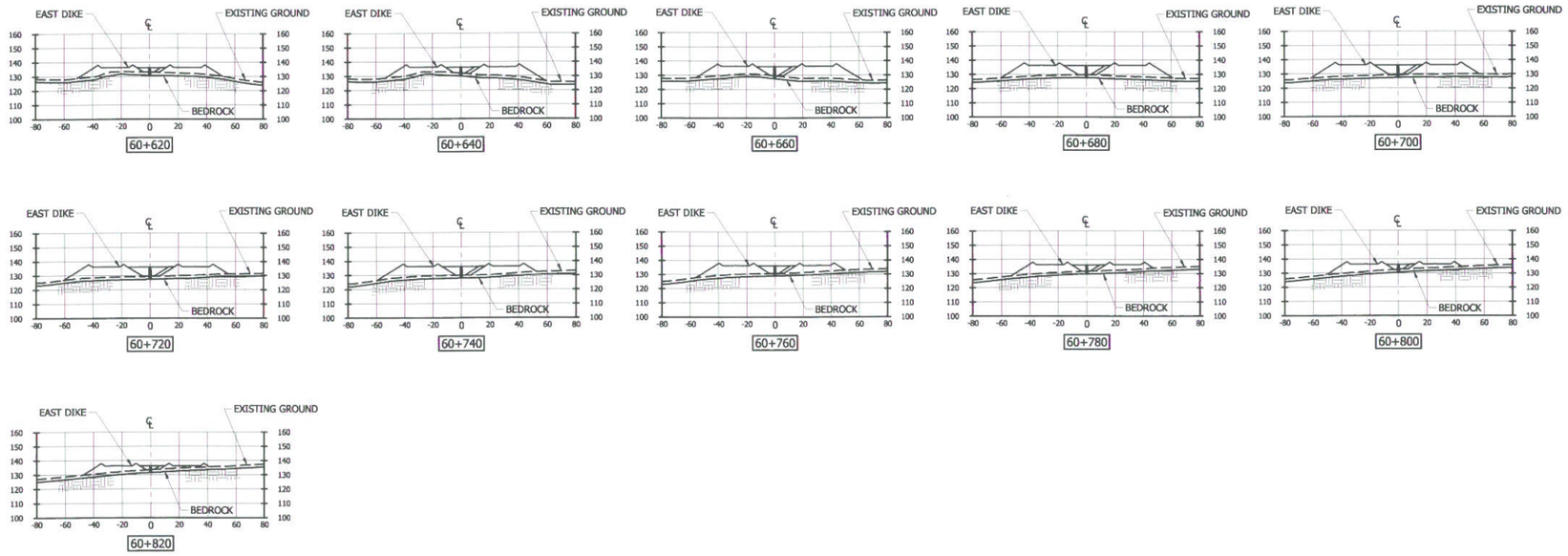
REVISION DATE: 07/07/16 04:57PM By: ASalvador

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M





NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: R.L. ELDRIDGE LICENSEE N.W.T.

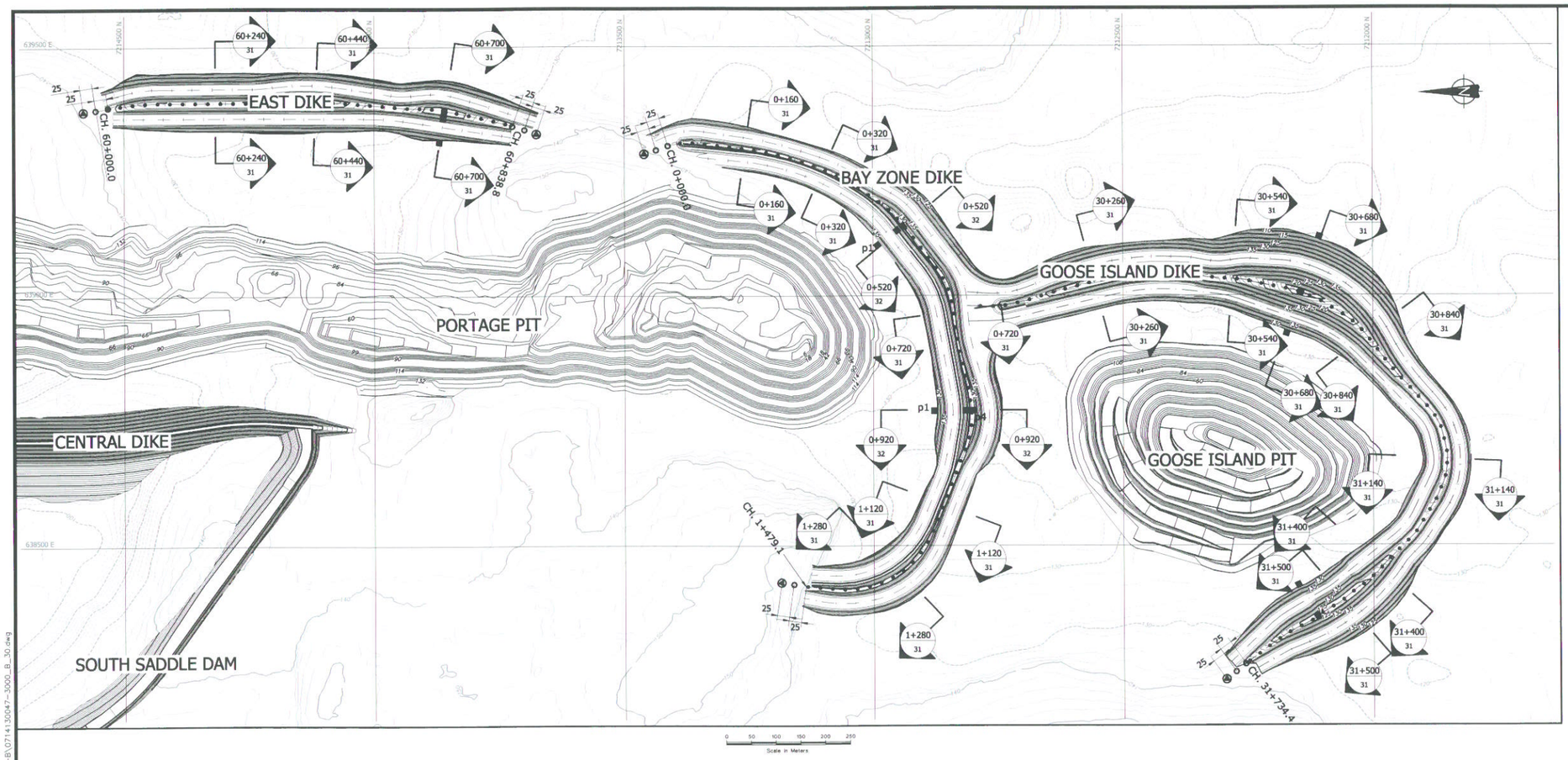
PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
PROPOSED SECTIONS (2 OF 2)
EAST DIKE & TYPICAL SECTION

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_29	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-29		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

REVISION DATE: 07/07/06 01:49PM By: ASalvador CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_29.dwg



NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M
7) SEISMOGRAPH LOCATIONS ARE 1MX1M CONCRETE PADS
8) SURVEY MONUMENTS ARE SPACED 25M ALONG CREST CENTRELINE.
9) SURVEY CONTROL MONUMENTS SHALL BE CONSTRUCTED ON LAND AS TYPE D GIVEN IN U.S. ARMY CORPS OF ENGINEERS EM1110-1-1002.

LEGEND:

- T1 : THERMISTOR.
- : SURVEY MONUMENT.
- : SEISMOGRAPH LOCATION.
- : SURVEY CONTROL MONUMENTS.

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: LICENSEE July 17/07

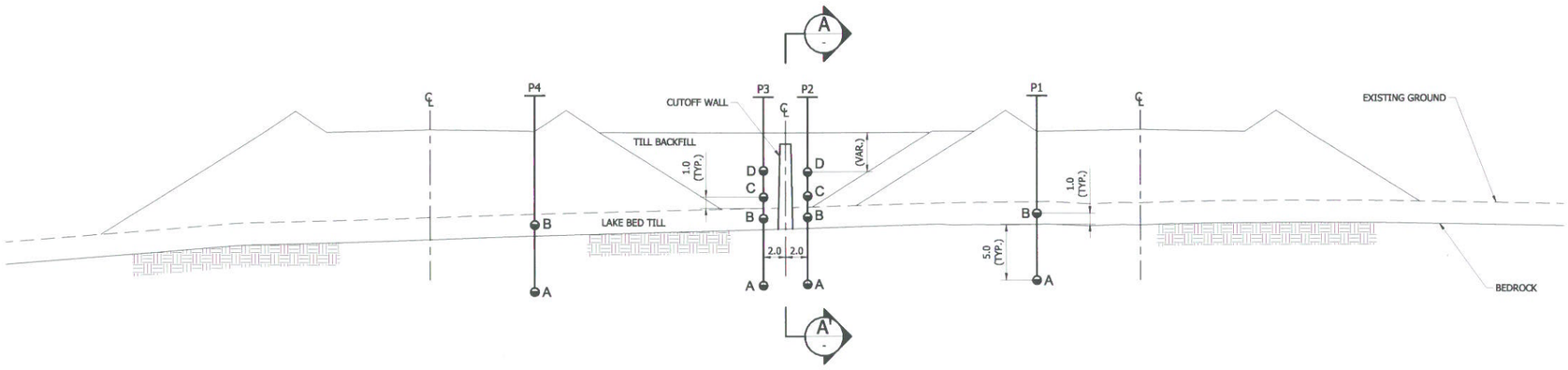
PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
DEWATERING DIKE INSTRUMENTATION PLAN LOCATIONS

Golder Associates

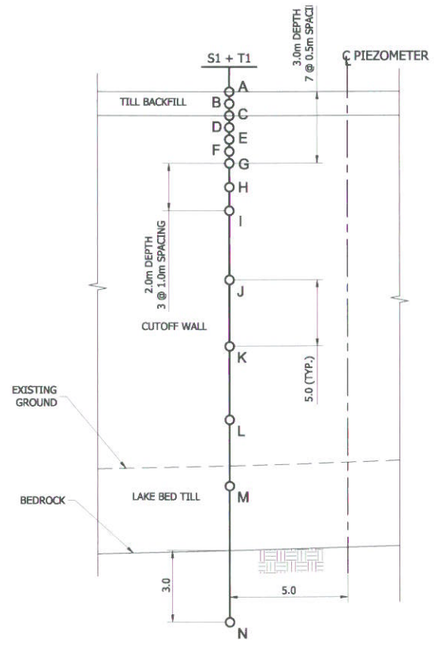
PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_30	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-30		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

REVISION DATE: 07/07/06 01:39PM By: ASalvador CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_30.dwg



TYPICAL SECTION - PIEZOMETER

Scale in Meters

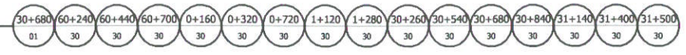


TYPICAL SECTION A

Scale 1: 125

THERMISTOR AND INCLINOMETER

Scale in Meters



NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M
7) THERMISTOR STRINGS SHALL BE INSTALLED ALONG SLOPE INCLINOMETER CASING.
8) THERMISTOR STRINGS IN CUTOFF WALL TO BE DESIGNED AFTER DEPTH TO BEDROCK DETERMINED AT INSTRUMENT LOCATION. THERMISTOR BEADS TO BE SPACED AT 0.5m TO 3.0m DEPTH, SPACED AT 1.0m FROM 3.0m TO 5.0m DEPTH AND AT 5.0m SPACING TO MINIMUM OF 3.0m INTO BEDROCK.

LEGEND:

- ● P1 : PIEZOMETER.
- ○ T1 : THERMISTOR.

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO LICENSEE July 17/07

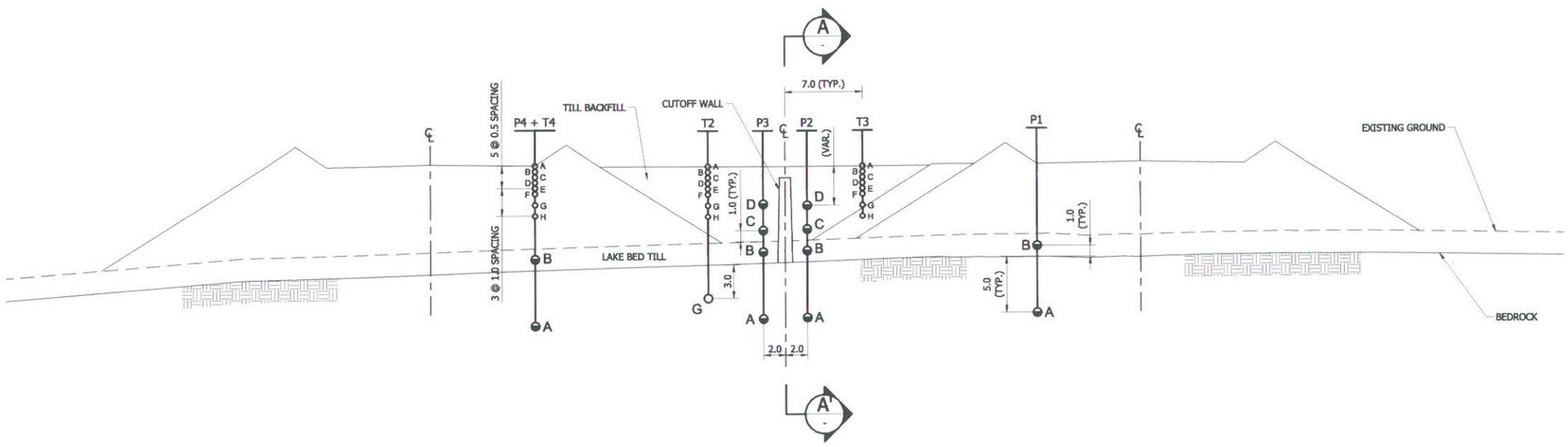
PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT DEWATERING DIKE INSTRUMENTATION TYPICAL SECTION (1 OF 2)**

Golder Associates

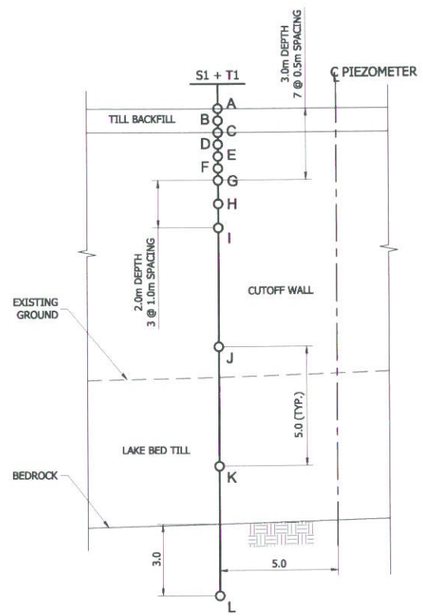
PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_31	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-31		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			

CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_31.dwg
REVISION DATE: 07/07/06 01:38PM By: ASalvador



TYPICAL SECTION - PIEZOMETER 0+520 30 0+920 30

Scale in Metres
Scale 1: 250



TYPICAL SECTION A -
Scale 1: 125

TYPICAL SECTION
THERMISTOR AND INCLINOMETERS 0+520 30 0+920 30
Scale 1: 125

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M
7) SHALLOW THERMISTOR STRINGS (5m) SHALL BE INSTALLED IN SAME BOREHOLE AS PIEZOMETERS.
8) CUTOFF WALL THERMISTOR STRING SHALL BE INSTALLED ALONG SLOPE INCLINOMETER CASING.
9) THERMISTOR STRINGS IN CUTOFF WALL TO BE DESIGNED AFTER DEPTH TO BEDROCK DETERMINED AT INSTRUMENT LOCATION. THERMISTOR BEADS TO BE SPACED AT 0.5m TO 3.0m DEPTH, SPACED AT 1.0m FROM 3.0m TO 5.0m DEPTH AND AT 5.0m SPACING TO MINIMUM OF 3.0m INTO BEDROCK.

LEGEND:

- P1 : PIEZOMETER.
- T1 : THERMISTOR.

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	EA	BW	TLE
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	TLE
A	09MAR07	-	ISSUED FOR TENDER	EA	BW	TLE
				CADD	CHK	RVW

DRAWING NO. | REFERENCES

STAMP: T. E. ELDRIDGE LICENSEE 14913 NWT. REGISTERED PROFESSIONAL ENGINEER

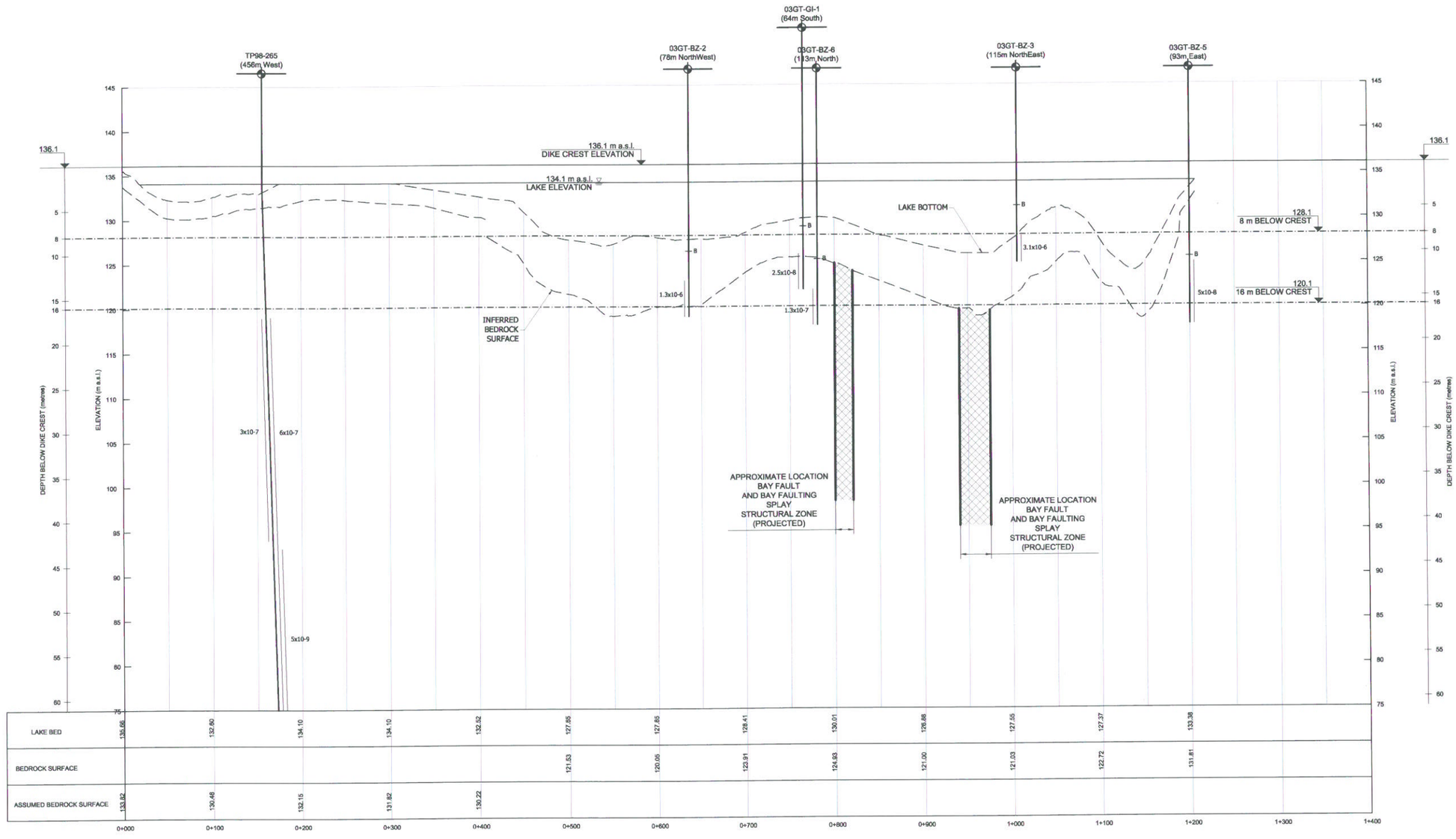
PROJECT: MEADOWBANK MINING CORPORATION

TITLE: MEADOWBANK GOLD PROJECT
DEWATERING DIKE INSTRUMENTATION
TYPICAL SECTION (2 OF 2)

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_32	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-32		
CHECK	BW	13MAR07			
REVIEW	TLE	13MAR07			

REVISION DATE: 07/07/17 09:09AM By: ASalvador CADD FILE: N:\Bur-Graphics\Projects\2007\1413\07-1413-0047\Drafting\6000\REV-B\0714130047-3000_B_32.dwg



LEGEND:

2x10-5 — HYDRAULIC CONDUCTIVITY TEST INTERVAL WITH RESULTS IN m/s

03GT-SE-2 (150m East) — THE NUMBER BETWEEN PARENTHESIS (BELOW THE NAME BH COLLAR) IS THE OFFSET BETWEEN BH COLLAR AND DIKE CUTOFF CENTRELINE.

B — BEDROCK

NOTES:

1. COLLAR ELEVATION ADJUSTED FOR CLARITY.
2. ALL BOREHOLES DRILLED FROM ICE SURFACE.
3. DIMENSION IN METRES.
4. ELEVATION IN METRES (a.s.l.).
5. SUPERFICIAL GEOLOGY INFERRED FROM SEISMIC SURVEY GOLDER 2007 REPORT "SUB-BOTTOM PROFILINGS SURVEYS".
6. CUT-OFF WALL
   - A. SOIL BENTONITE FOR BEDROCK SURFACE ELEVATIONS GREATER THAN 128.1.
   - B. SOIL CEMENT BENTONITE FOR BEDROCK SURFACE ELEVATIONS GREATER THAN 120.1.
   - C. JET GROUTING FOR BEDROCK SURFACE ELEVATIONS LESS THAN 120.1.

0 20 40 60 80 100
Scale 1:2500

VERT EXAGGERATION = 10x

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
A	09MAR07	-	ISSUED FOR TENDER	EA	BW	-

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER — LICENSEE — N.W.T.

PROJECT: **MEADOWBANK**
MINING CORPORATION

TITLE: **MEADOWBANK GOLD PROJECT**
GEOLOGY PROFILE (1 OF 3)
BAY ZONE DIKE

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_A_40	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. A
CADD	EA	27NOV06	6000-40		
CHECK	-	-			
REVIEW	-	-			

LEGEND:

2x10-5 — HYDRAULIC CONDUCTIVITY TEST INTERVAL WITH RESULTS IN m/s

03GT-SE-2 (150m East) — THE NUMBER BETWEEN PARENTHESIS (BELOW THE NAME BH COLLAR) IS THE OFFSET BETWEEN BH COLLAR FROM DIKE CUTOFF CENTRELINE.

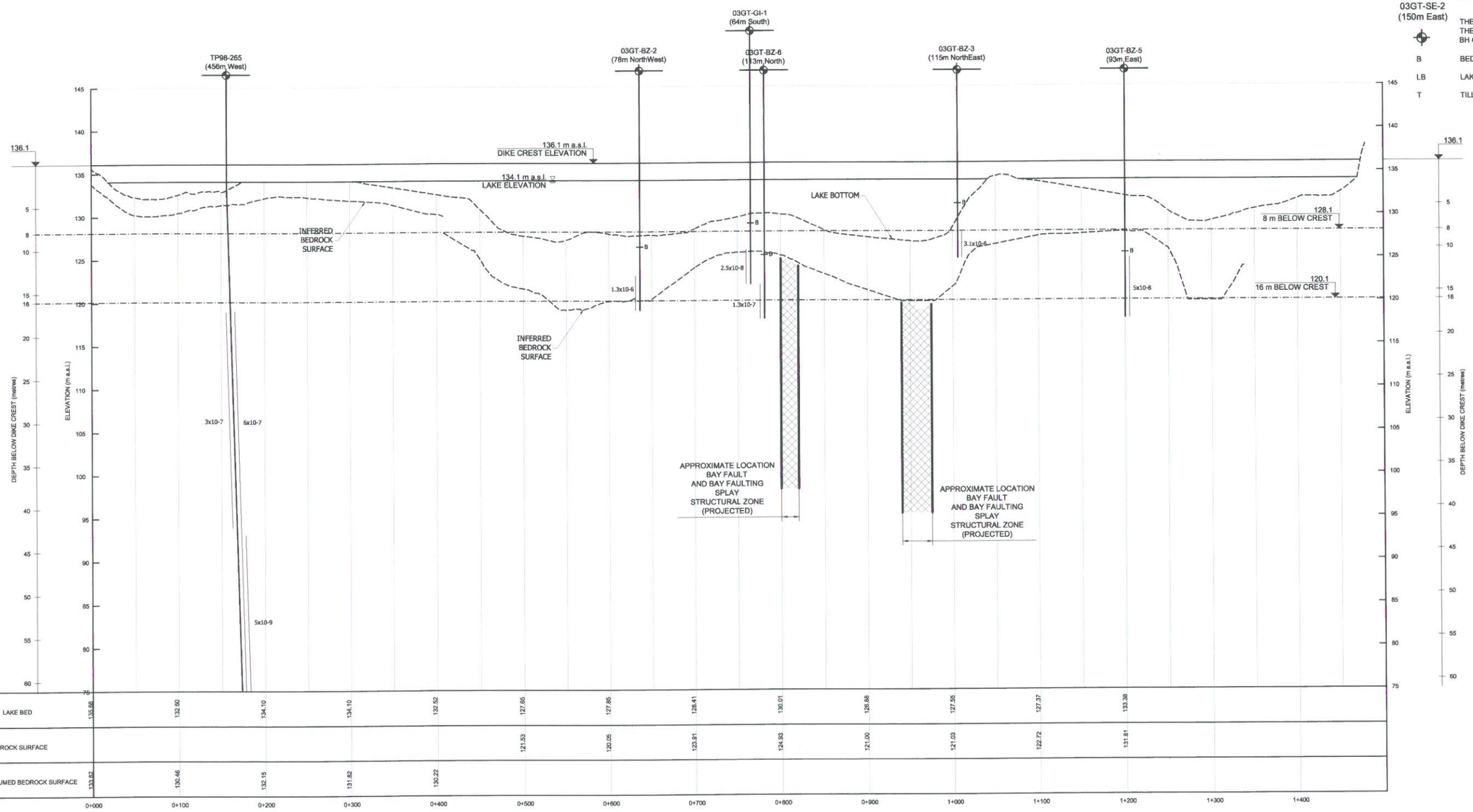
B — BEDROCK

LB — LAKEBED

T — TILL

NOTE:

OVERBURDEN SEDIMENTS AND TILL ASSUMED TO BE 2m THICK FROM STA 0+000 TO STA 0+400. BASED ON SEISMIC SURVEY. ACTUAL THICKNESS SHOULD BE CONFIRMED.



Scale 1:2500

VERT EXAGGERATION = 10x

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO.

REFERENCES

STAMP

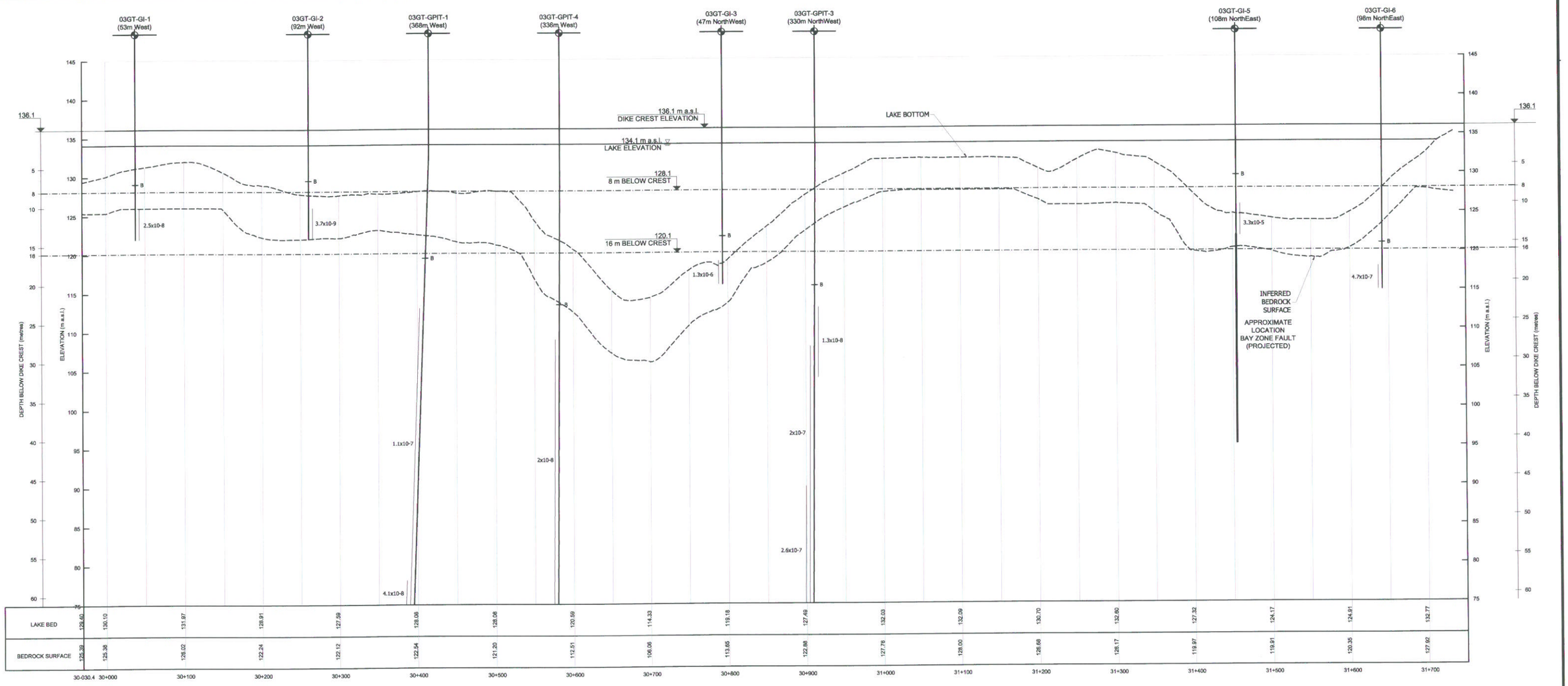
REGISTERED PROFESSIONAL ENGINEER NWT LICENSEE July 17/07

PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT GEOLOGY PROFILE (2 OF 3) BAY ZONE DIKE**

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_41	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-41		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			



LEGEND:

2x10-5 — HYDRAULIC CONDUCTIVITY TEST INTERVAL WITH RESULTS IN m/s

03GT-SE-2 (150m East) — THE NUMBER BETWEEN PARENTHESIS (BELOW THE NAME BH COLLAR) IS THE OFFSET BETWEEN BH COLLAR AND DIKE CUTOFF CENTRELINE.

B — BEDROCK

NOTES:

1. COLLAR ELEVATION ADJUSTED FOR CLARITY.
2. ALL BOREHOLES DRILLED FROM ICE SURFACE.
3. DIMENSION IN METRES.
4. ELEVATION IN METRES (a.s.l.).
5. SUPERFICIAL GEOLOGY INFERRED FROM SEISMIC SURVEY, GOLDER 2007 REPORT "SUB-BOTTOM PROFILINGS SURVEYS".
6. CUT-OFF WALL
   - A. SOIL BENTONITE FOR BEDROCK SURFACE ELEVATIONS GREATER THAN 128.1.
   - B. SOIL CEMENT BENTONITE FOR BEDROCK SURFACE ELEVATIONS GREATER THAN 120.1.
   - C. JET GROUTING FOR BEDROCK SURFACE ELEVATIONS LESS THAN 120.1.

0 20 40 60 80 100
Scale 1 :2500
VERT EXAGGERATION = 10x

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
B	06JUL07	-	ISSUED FOR TENDER - BAYZONE DIKE RE-ALIGNED, WEST ABUTMENT	EA	BW	-
A	09MAR07	-	ISSUED FOR TENDER	EA	AS	BW

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER — LICENSEE — N.W.T.

PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT GEOLOGY PROFILE (3 OF 3) GOOSE ISLAND DIKE**

Golder Associates

PROJECT No.		06-1413-081	FILE No.	0714130047-3000_B_42	
DESIGN	SA	27NOV06	SCALE	AS SHOWN	REV. B
CADD	EA	27NOV06	6000-42		
CHECK	AS	13MAR07			
REVIEW	BW	13MAR07			