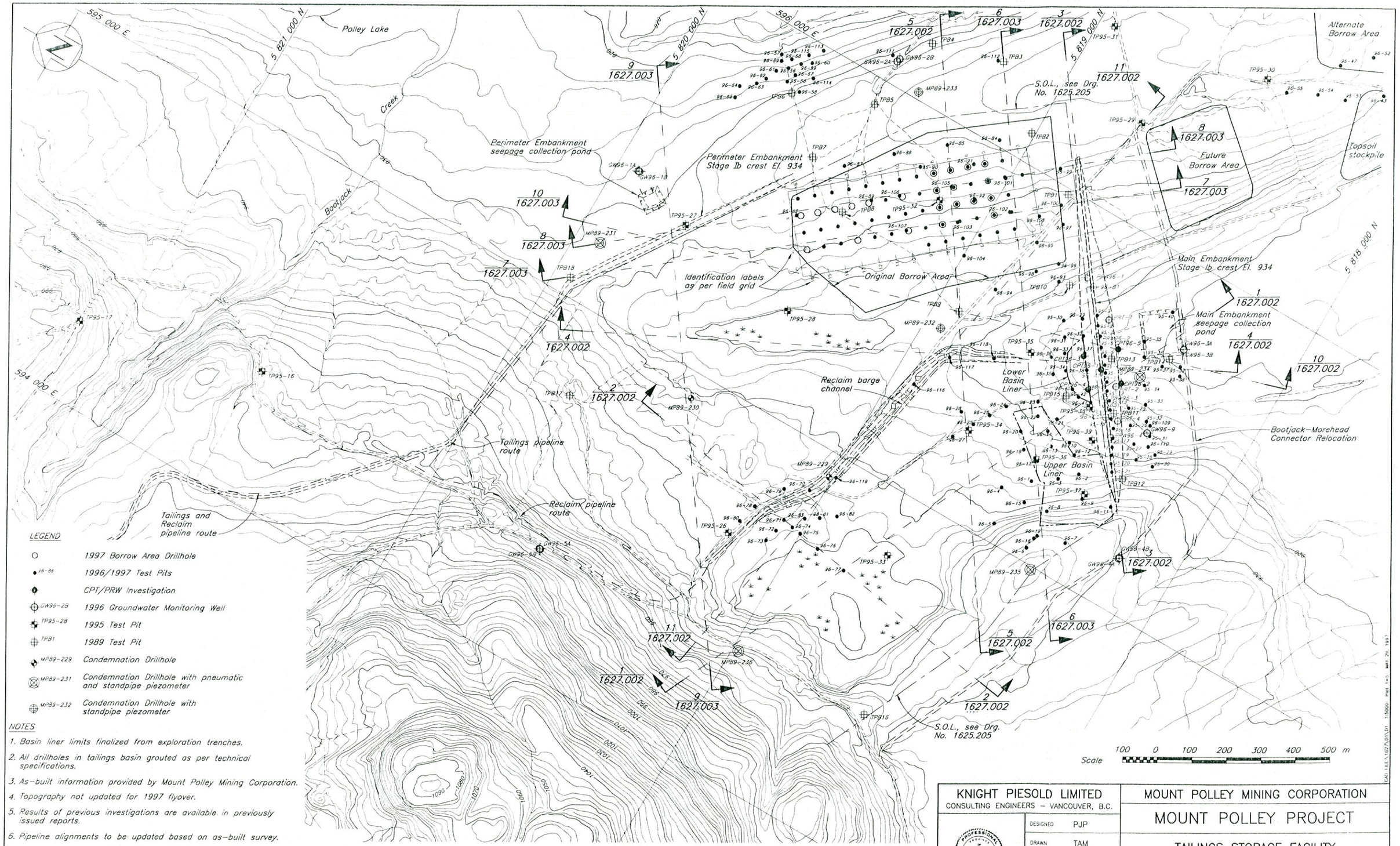

LEGEND

- 1997 Borrow Area Drillhole
- 96-86 1996/1997 Test Pits
- CPT/PRW Investigation
- GW96-2B 1996 Groundwater Monitoring Well
- TP95-28 1995 Test Pit
- TPB1 1989 Test Pit
- MP89-229 Condemnation Drillhole
- MP89-231 Condemnation Drillhole with pneumatic and standpipe piezometer
- MP89-232 Condemnation Drillhole with standpipe piezometer

NOTES

1. Basin liner limits finalized from exploration trenches.
2. All drillholes in tailings basin grouted as per technical specifications.
3. As-built information provided by Mount Polley Mining Corporation.
4. Topography not updated for 1997 flyover.
5. Results of previous investigations are available in previously issued reports.
6. Pipeline alignments to be updated based on as-built survey.

DRG. NO	DESCRIPTION	REV.	DATE	DESCRIPTION	APPROVED	REV.	DATE	DESCRIPTION	APPROVED
REFERENCE DRAWINGS		REVISIONS				REVISIONS			
						0	MAY 30/97	ISSUED FOR UPDATED DESIGN REPORT	KJB

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PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA N. D. K. EMBREE

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DRAWN	TAM
CHECKED	KDE
APPROVED	KJB

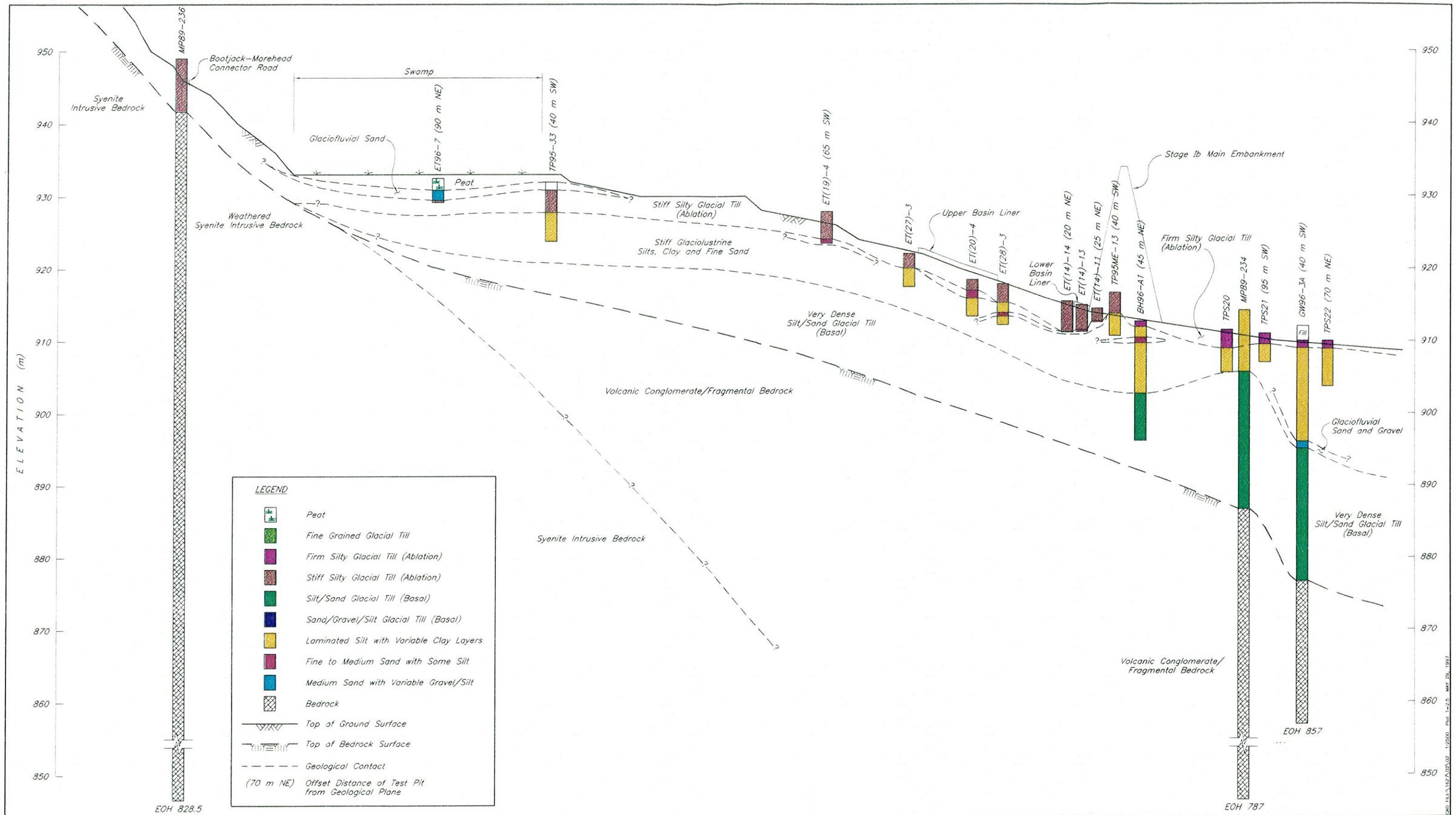
MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
LOCATION PLAN

DATE	SCALE	DRG. NO.	REV.
MAY 16, 1997	AS SHOWN	1627.001	0

CAD FILE: \1627\01\01 1:5000 Plot 1=5 MAY 29, 1997



Vert. Scale 10 5 0 10 20 Metres

Horiz. Scale 100 50 0 100 200 Metres

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REV.	DATE	DESCRIPTION	APPROVED
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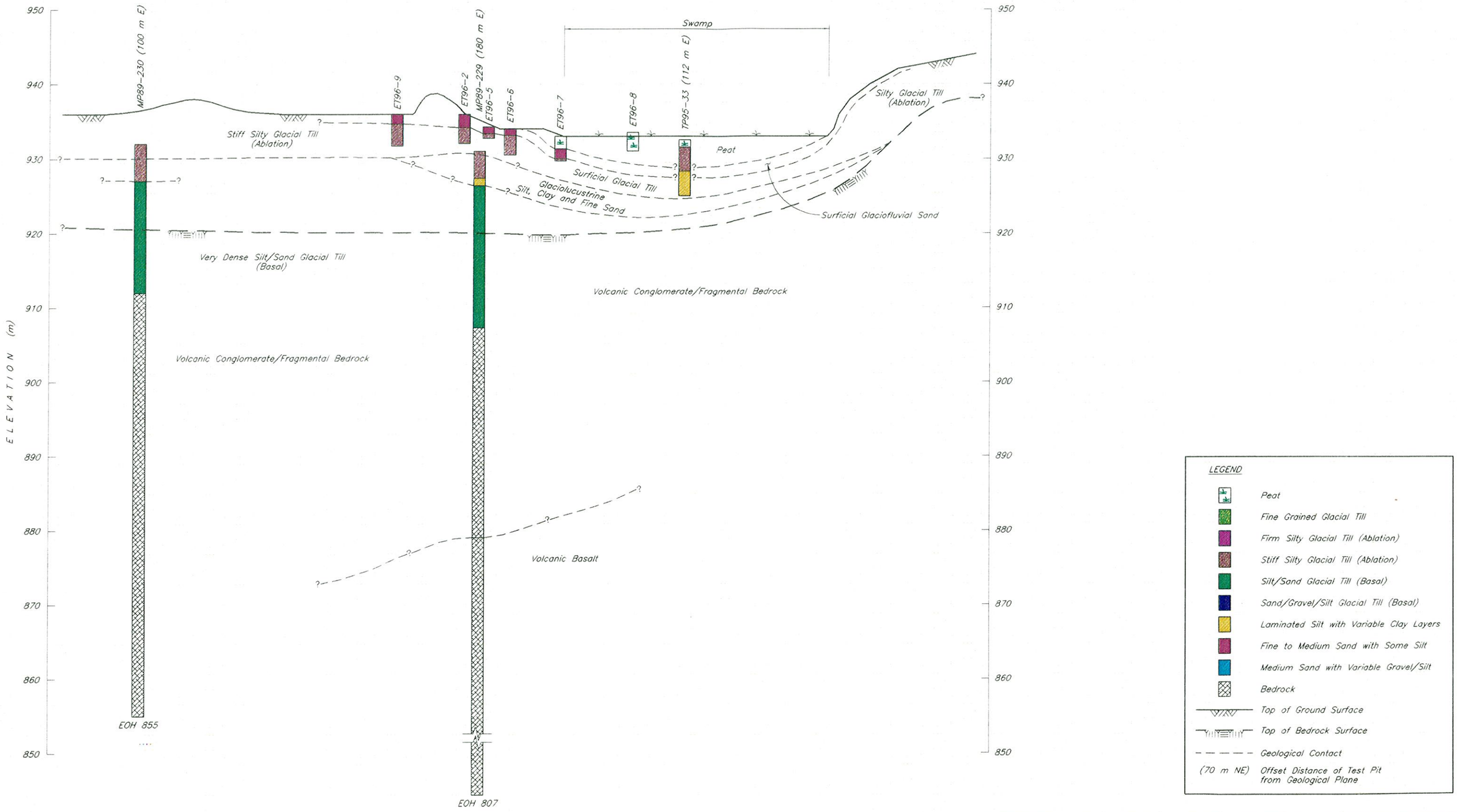
CHECKED	KDE
APPROVED	KJB

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 1

DATE MAY 16, 1997 | SCALE AS SHOWN | DRG. NO. 1627.002 | REV. 0



Vert. Scale 10 5 0 10 20 Metres

Horiz. Scale 100 50 0 100 200 Metres

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REV.	DATE	DESCRIPTION	APPROVED
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CHECKED	KDE
APPROVED	KJB

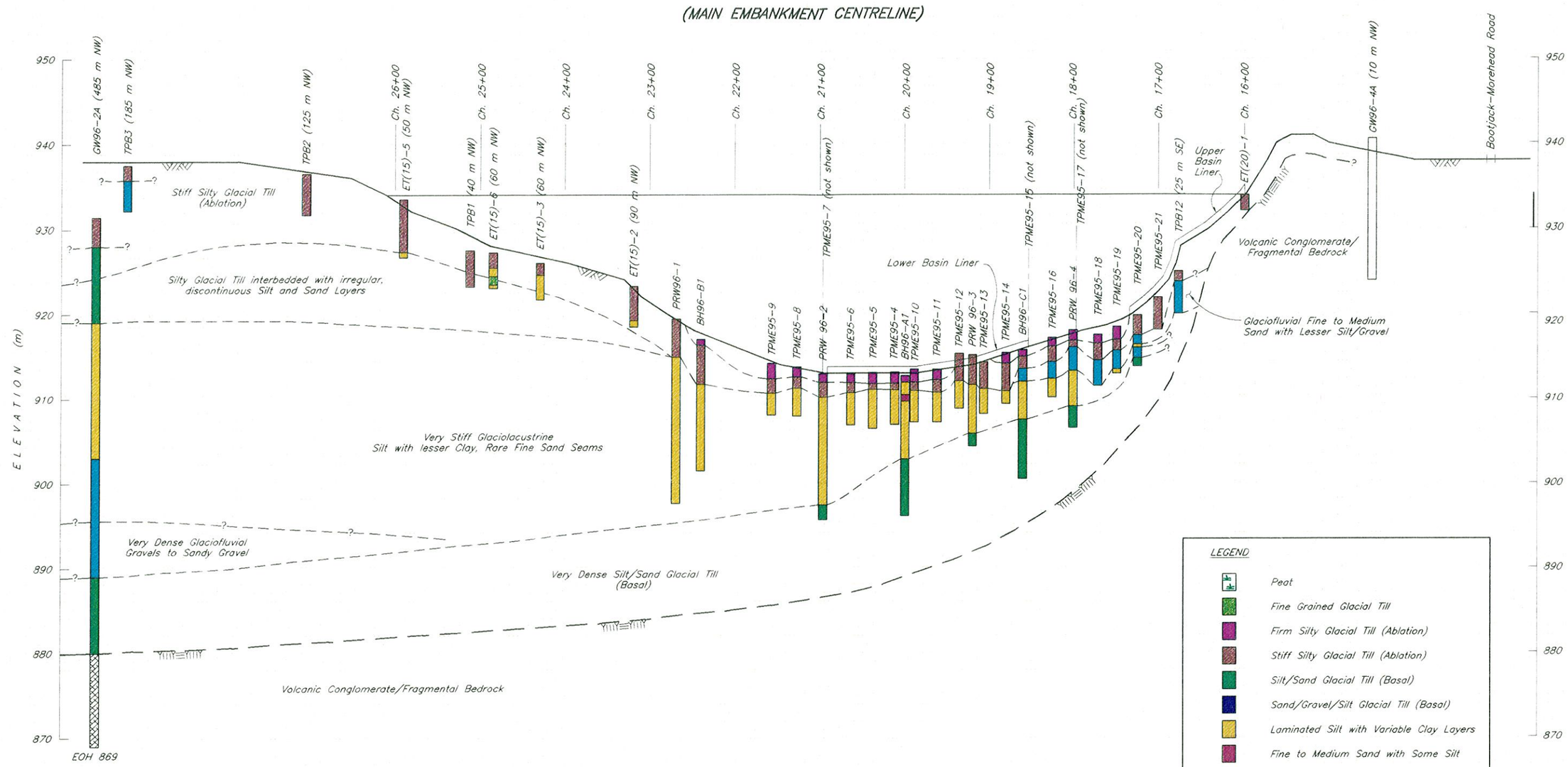
MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 2

DATE MAY 16, 1997 | SCALE AS SHOWN | DRG. NO. 1627.003 | REV. 0

CAD FILE\1627\013\13 12500 Plot 1:2.5 MAY 29, 1997



NOTE: Not all investigations are shown on this section, but the results have been used in the interpretation of the geological conditions.

LEGEND

- Peat
- Fine Grained Glacial Till
- Firm Silty Glacial Till (Ablation)
- Stiff Silty Glacial Till (Ablation)
- Silt/Sand Glacial Till (Basal)
- Sand/Gravel/Silt Glacial Till (Basal)
- Laminated Silt with Variable Clay Layers
- Fine to Medium Sand with Some Silt
- Medium Sand with Variable Gravel/Silt
- Bedrock
- Top of Ground Surface
- Top of Bedrock Surface
- Geological Contact
- (70 m NE) Offset Distance of Test Pit from Geological Plane

Vert. Scale 10 5 0 10 20 Metres

Horiz. Scale 100 50 0 100 200 Metres

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DRAWN	NAR
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APPROVED	KJB

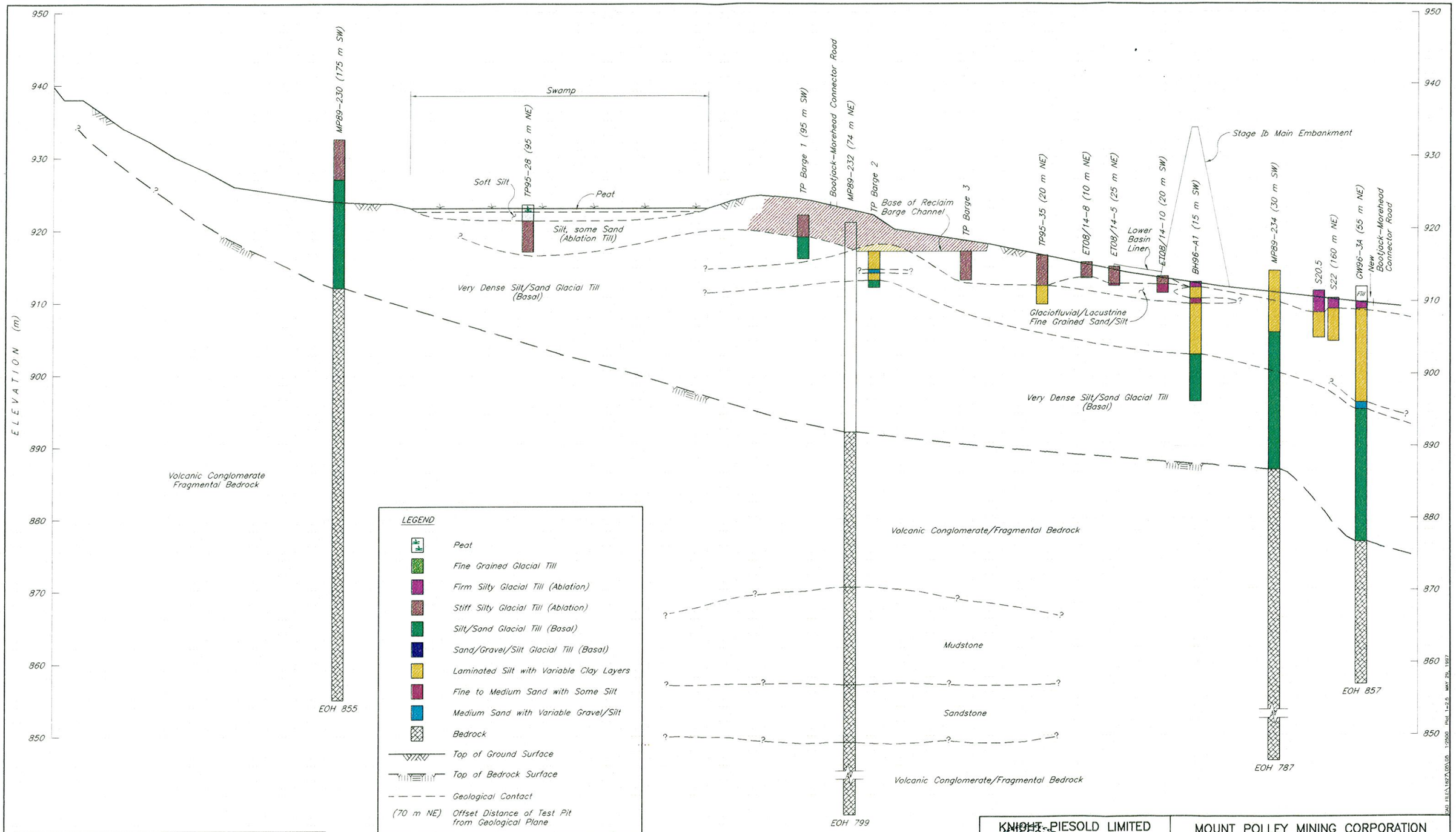
MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 3

DATE	SCALE	DRG. NO.	REV.
MAY 16, 1997	AS SHOWN	1627.004	0

200 FILE\1627\04\04 1:2000 Plot 1-2/3 MAY 29, 1997



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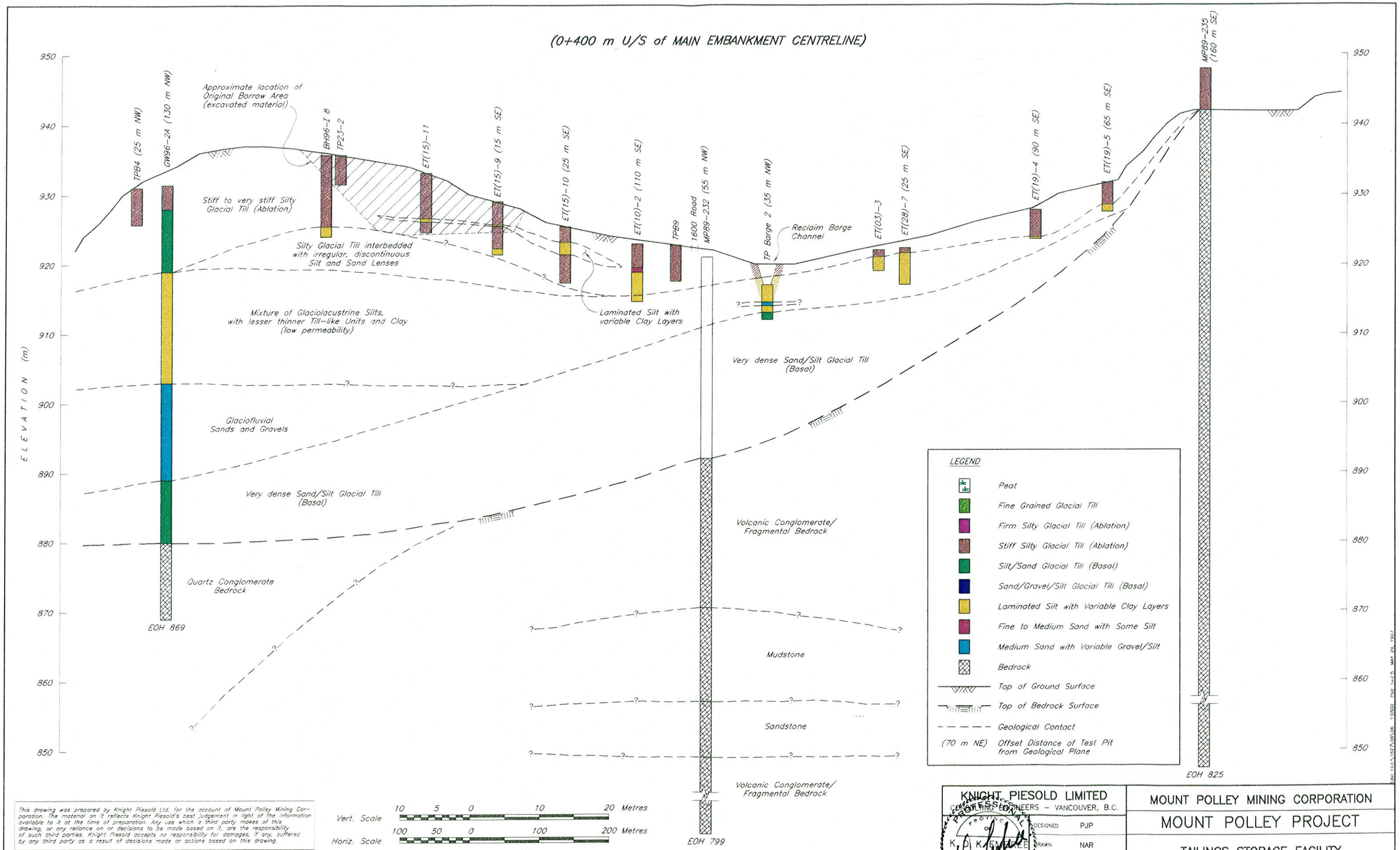
CHECKED	KDE
APPROVED	KJB

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 4

DATE	SCALE	DRG. NO.	REV.
MAY 16, 1997	AS SHOWN	1627.005	0



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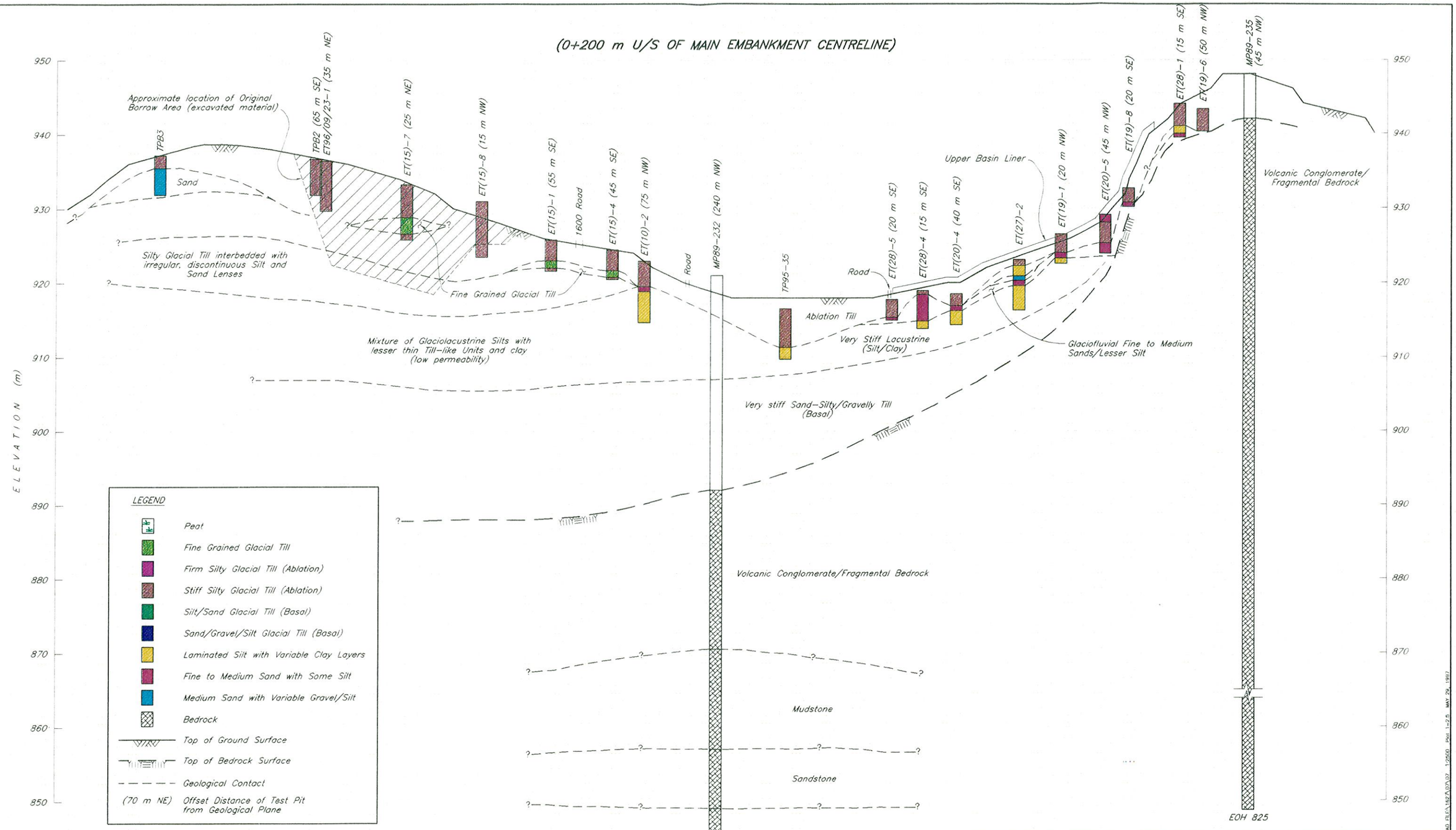
DRAWN	NAR
CHECKED	KOE
APPROVED	KJB

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 5

DATE	SCALE	DRG. NO.	REV.
MAY 16, 1997	AS SHOWN	1627.006	0



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REVISIONS			

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PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — K. D. K. EMERSON

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APPROVED	KJB

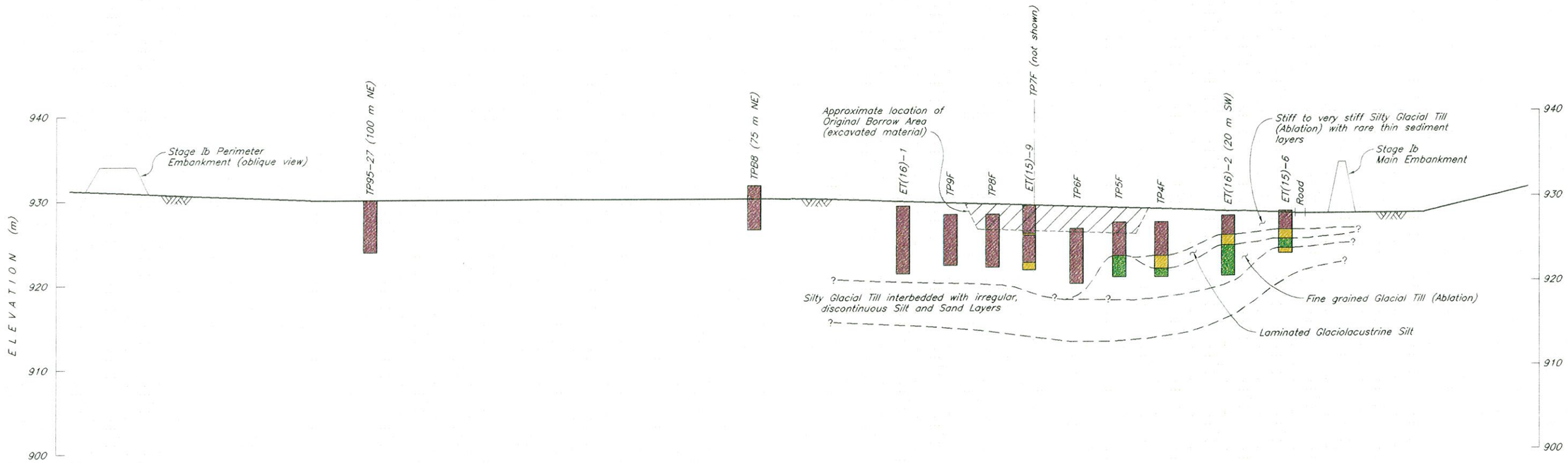
MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 6

DATE MAY 16, 1997 | SCALE AS SHOWN | DRG. NO. 1627.007 | REV. 0

CAD FILE:\162\007\07 1:2500 Plot 1=2.5 MAY 29, 1997



LEGEND

- Peat
- Fine Grained Glacial Till
- Firm Silty Glacial Till (Ablation)
- Stiff Silty Glacial Till (Ablation)
- Silt/Sand Glacial Till (Basal)
- Sand/Gravel/Silt Glacial Till (Basal)
- Laminated Silt with Variable Clay Layers
- Fine to Medium Sand with Some Silt
- Medium Sand with Variable Gravel/Silt
- Bedrock
- Top of Ground Surface
- Top of Bedrock Surface
- Geological Contact
- (70 m NE) Offset Distance of Test Pit from Geological Plane

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Vert. Scale 10 5 0 10 20 Metres

Horiz. Scale 100 50 0 100 200 Metres

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APPROVED	KJB

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 7

DATE	SCALE	DRG. NO.	REV.
MAY 16, 1997	AS SHOWN	1627.008	0

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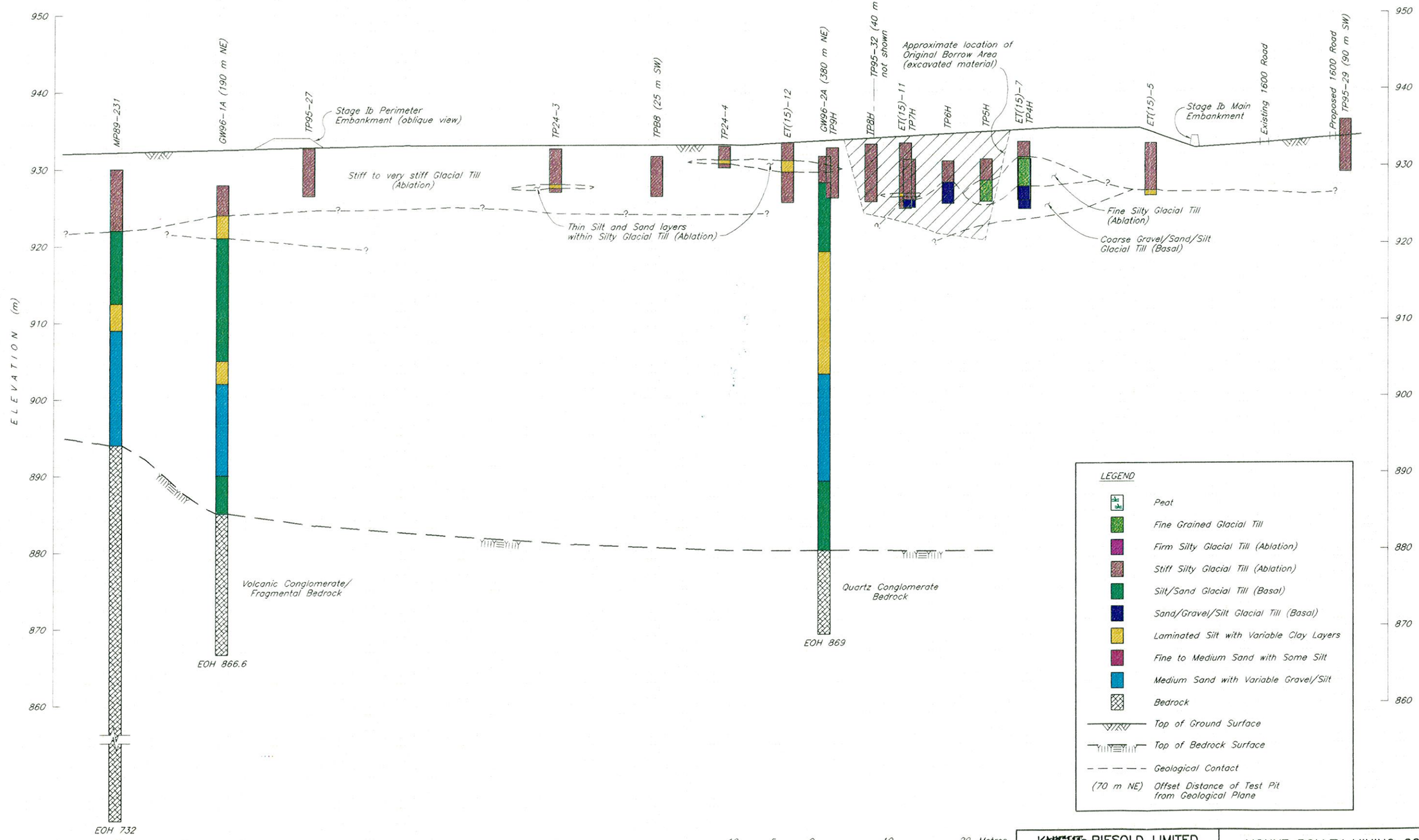

Vert. Scale 10 5 0 10 20 Metres

Horiz. Scale 100 50 0 100 200 Metres

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DRAWN	NAR
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APPROVED	KJB

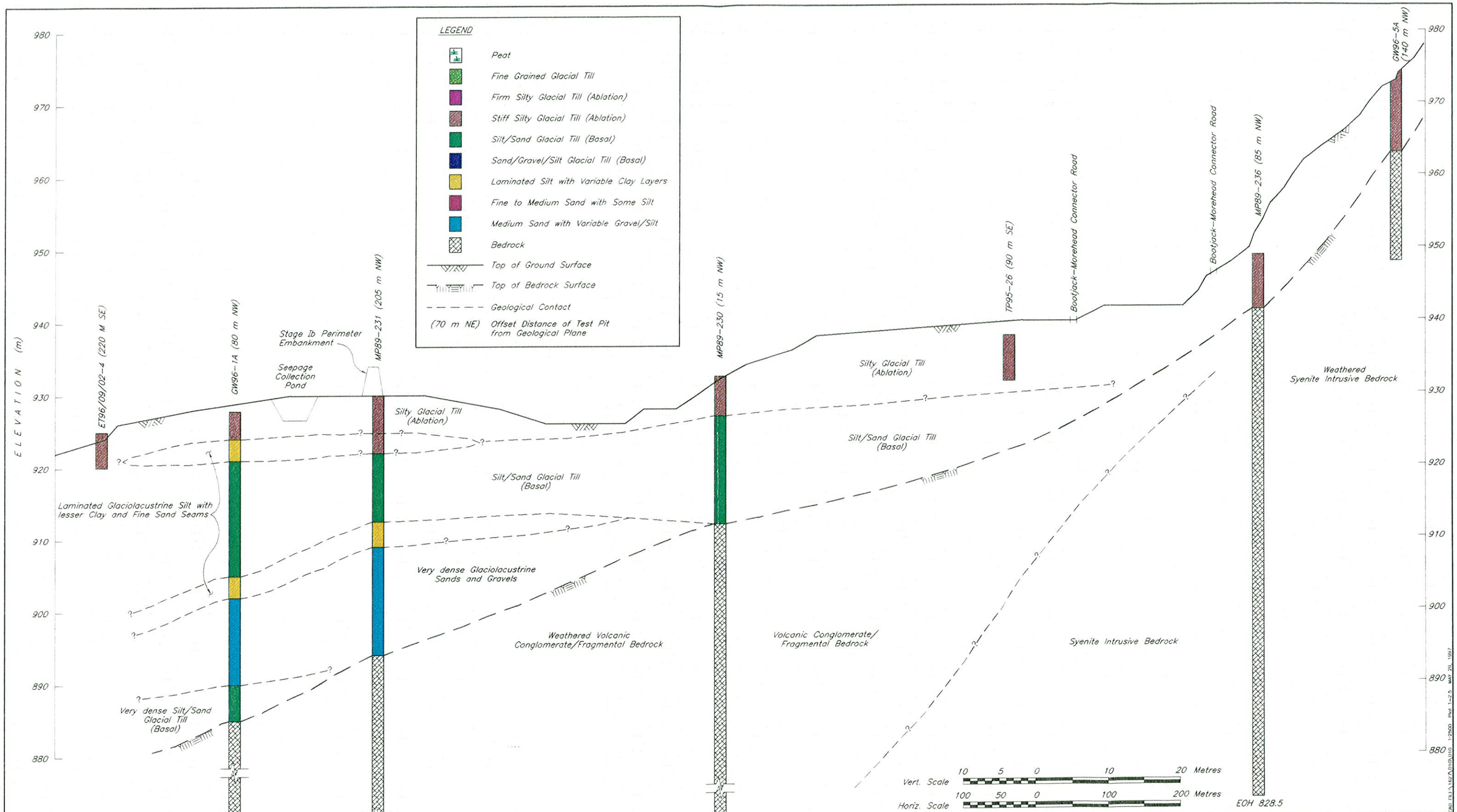
MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 8

DATE MAY 16, 1997 | SCALE AS SHOWN | DRG. NO. 1627.009 | REV. 0

CAD FILE: \1627\109\109 1/25/00 Plot 1=2.5 MAY 29, 1997



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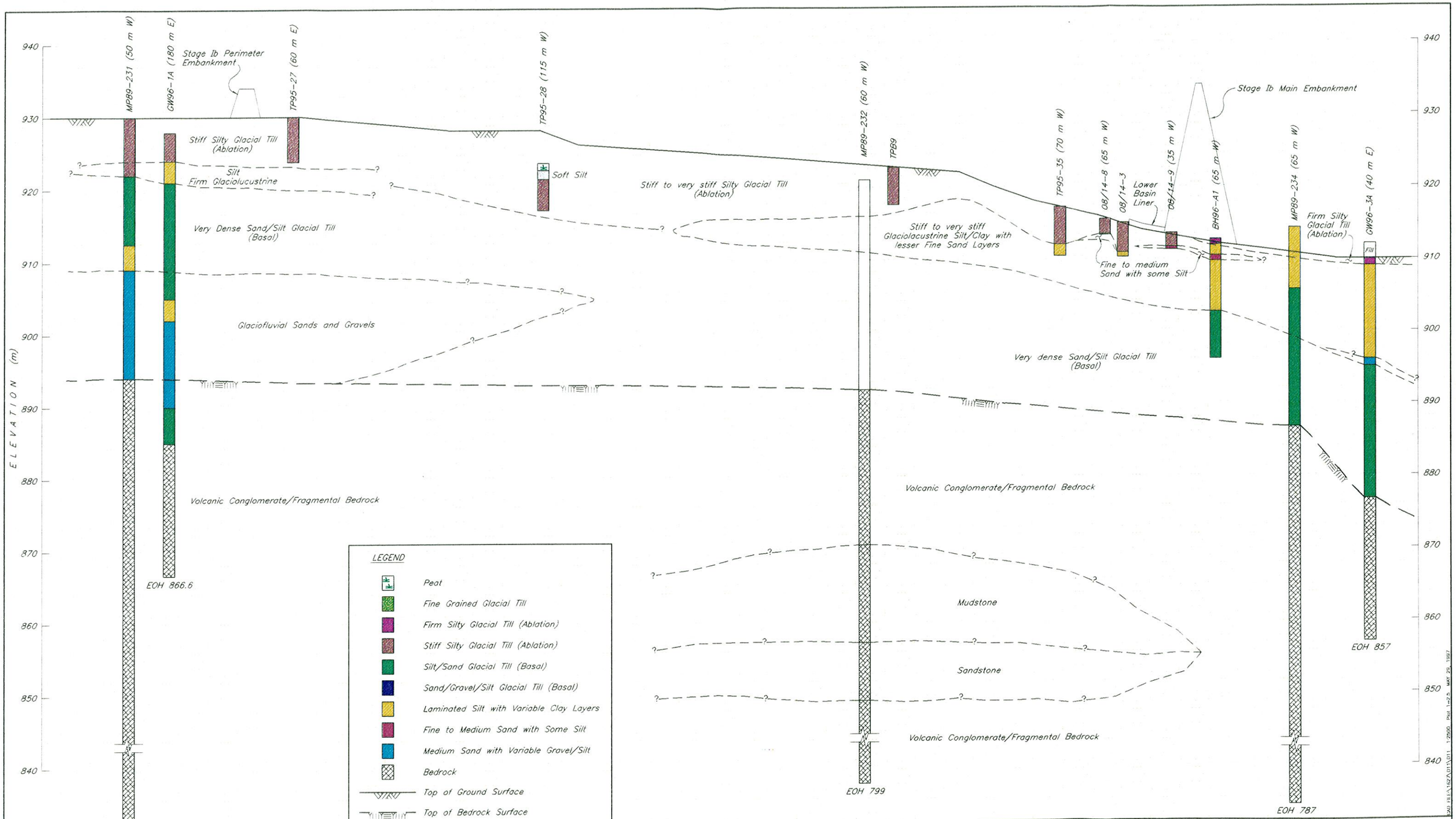
MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 9

DATE	SCALE	DRG. NO.	REV.
MAY 16, 1997	AS SHOWN	1627.010	0



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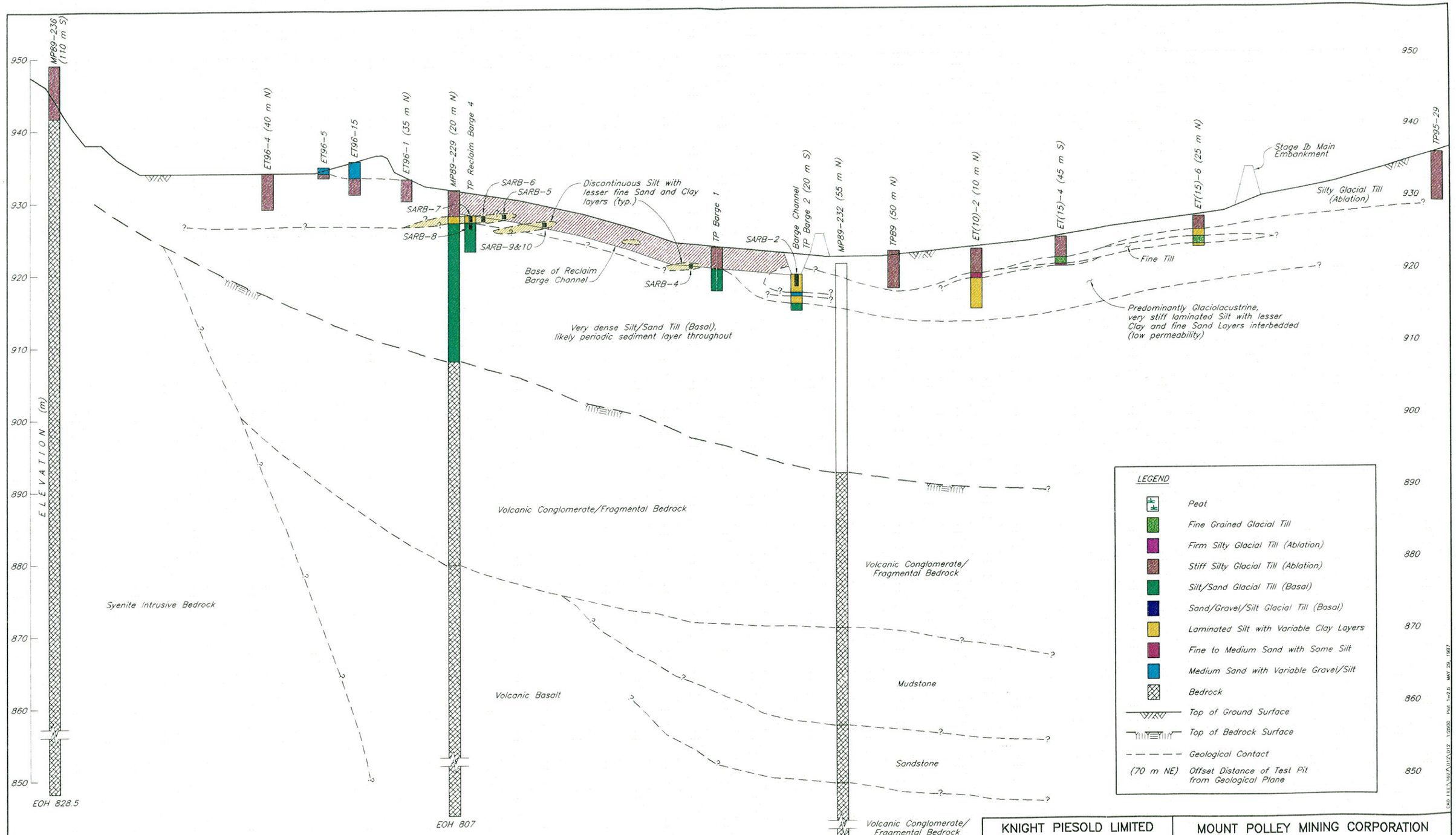
APPROVED	KJB

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 10

DATE MAY 16, 1997 | SCALE AS SHOWN | DRG. NO. 1627.011 | REV. 0



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APPROVED	KJB

MOUNT POLLEY MINING CORPORATION

MOUNT POLLEY PROJECT

TAILINGS STORAGE FACILITY
GEOLOGICAL INVESTIGATIONS
SECTION 11

DATE	SCALE	DRG. NO.	REV.
MAY 16, 1997	AS SHOWN	1627.012	0

CAD FILE: \1627\012\012 1:2500 Plot 1=2.5 MAY 29, 1997