27709

REPORT ON DIAMOND DRILLING
ON
MOUNT MILLIGAN PROPERTY, NORTH-CENTRAL BRITISH COLUMBIA
(NTS 93N/01, 93O/04)
124°04' W LONGITUDE / 55°08' N LATITUDE

DECEMBER, 2004

WORK PERFORMED IN CLAIMS:
HEIDI #1 (238778)
HEIDI #2 (238777)

FIELD PROGRAM CONDUCTED
JULY 15 TO SEPTEMBER 13, 2004

ASSESSMENT REPORT
PREPARED FOR PLACER DOME INC.

BY

A. FONSECA

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INTRODUCTION

Diamond drilling carried out in the Mt. Milligan deposit during the 2004 field season consisted of 2,184.4 metres in 14 NQ-2 diameter drill holes. Nine holes (1,383.5 m) were drilled in the MBX Zone, two (447.9 m) in the 66 Zone, and three (352.9 m) in the Southern Star deposit.

Fieldwork was carried out between July 15th and September 13th, 2004 by a crew consisting of Anna Fonseca (on-site geologist), Dwight Prince, and Marvin Martin (field assistants). The field crew and diamond drillers used Philip Logging Camp as a base. Project Geologist Gary Lustig planned drill hole locations, supervised preparation of access roads and drill pads, and spotted drill hole collars. Diamond drilling was contracted to Aggressive Drilling of Kelowna, BC, and performed using Boyles 56 drill. Preparation of access roads to drill sites, clearing of drill pads and upgrading the main access road was contracted to Pablo Creek Logging, and done with a Dresser TD-12. McElhanney Surveyors of Prince George surveyed drill hole collars. Downhole surveys were done with an Icefield Instruments Inclinometer tool. Drill hole logging data was entered directly into an acQuire database. Five small core samples were sent to Vancouver Petrographics to be made into thin section. Samples were sent to EcoTech Laboratory of Kamloops, for crushing, gold fire assay and 32 element ICP analyses. Crushed samples were bagged and sealed, and sent to GNT Metallurgical Laboratory, where they are stored in freezers.

SCOPE OF WORK

The principal purpose of the drill program was to obtain unoxidized bulk samples for metallurgical testwork in which gold-rich, copper-poor ore from the 66 Zone will be treated separately from MBX Zone. Metallurgical testwork requirements included:

- 8 tons of MBX Zone ore for flotation tests
- 2 tons of 66 Zone ore for flotation tests
- 2 tons of Southern Star ore for flotation tests
- 600 kg of MBX Zone ore for high pressure crush rolls testing.

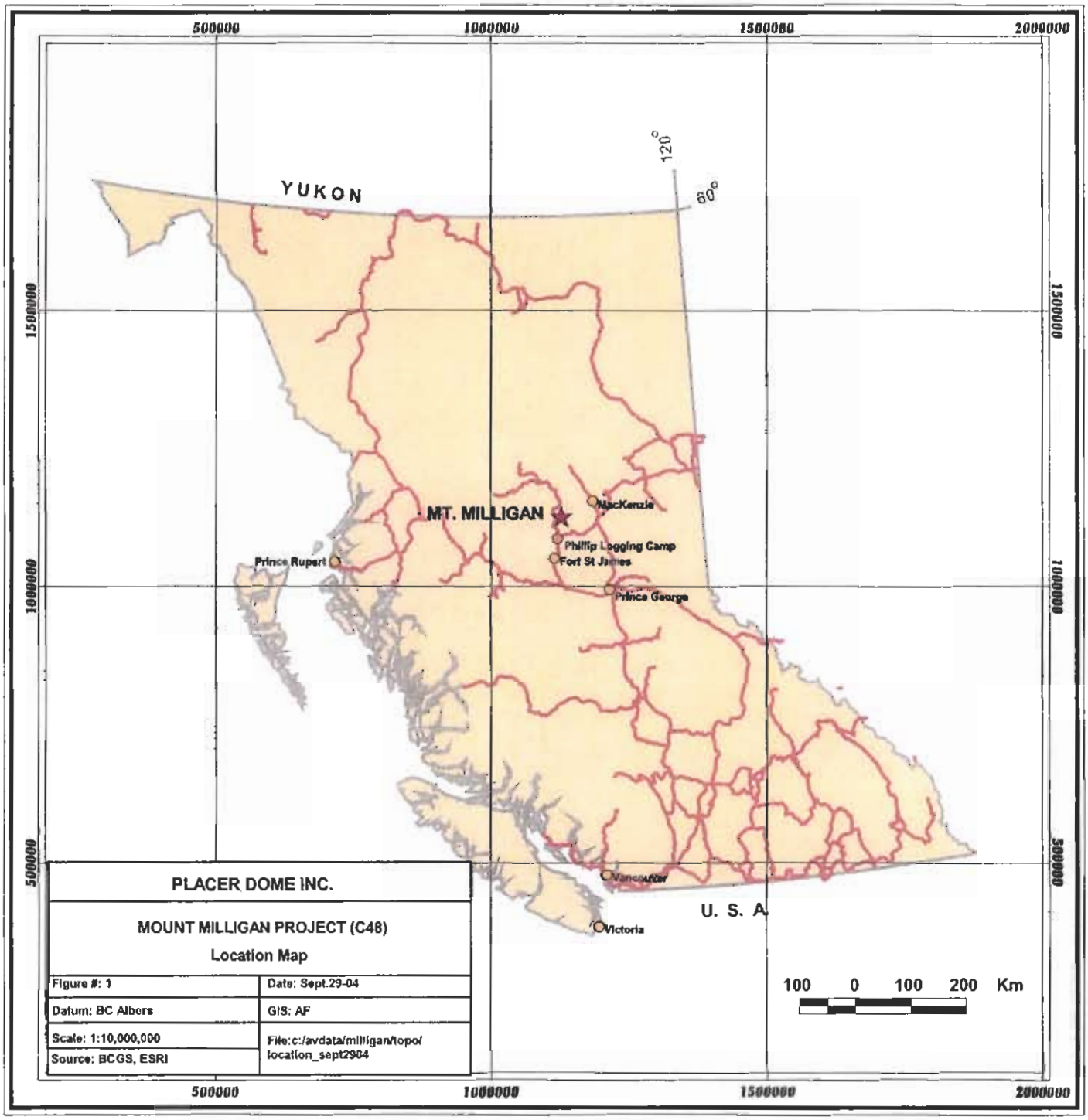
All drill holes twinned or were drilled close to existing drill holes. Holes to be twinned were selected based on the following criteria:

- minimize overburden intercept;
- Cu:Au ratio consistent with the overall ratio in each zone;
- Minimize need for opening access roads;
- Within each zone, holes were spread out to maximize representativity.

It was intended that drill core logging and interpretation of structural and alteration patterns in drill sections would help refine the existing geological model for the deposit. Focus was set on identifying structural or mineral characteristics defining the different ore type in 66 Zone. To gain further structural information, a Ballmark oriented core tool was employed during drilling in the MBX zone. Oriented core drilling with the Ballmark method proved inefficient because of blocky ground conditions.

PROPERTY LOCATION, ACCESS AND HISTORY

The Mt. Milligan deposit is located in north-central British Columbia, approximately 155 km northwest of Prince George, 86 km north of Fort St. James, 95 km west of Mackenzie, and 38 km west of Phillip Logging Camp (Figure 1). The town of Mackenzie is the closest supply center. Government officials from the Ft. St. James town expressed interest in expanding the Rainbow Road, which would provide direct access from the town to Mt. Milligan.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PLACER DOME INC.
MOUNT MILLIGAN PROJECT (C48)
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Date: Sept.29-04
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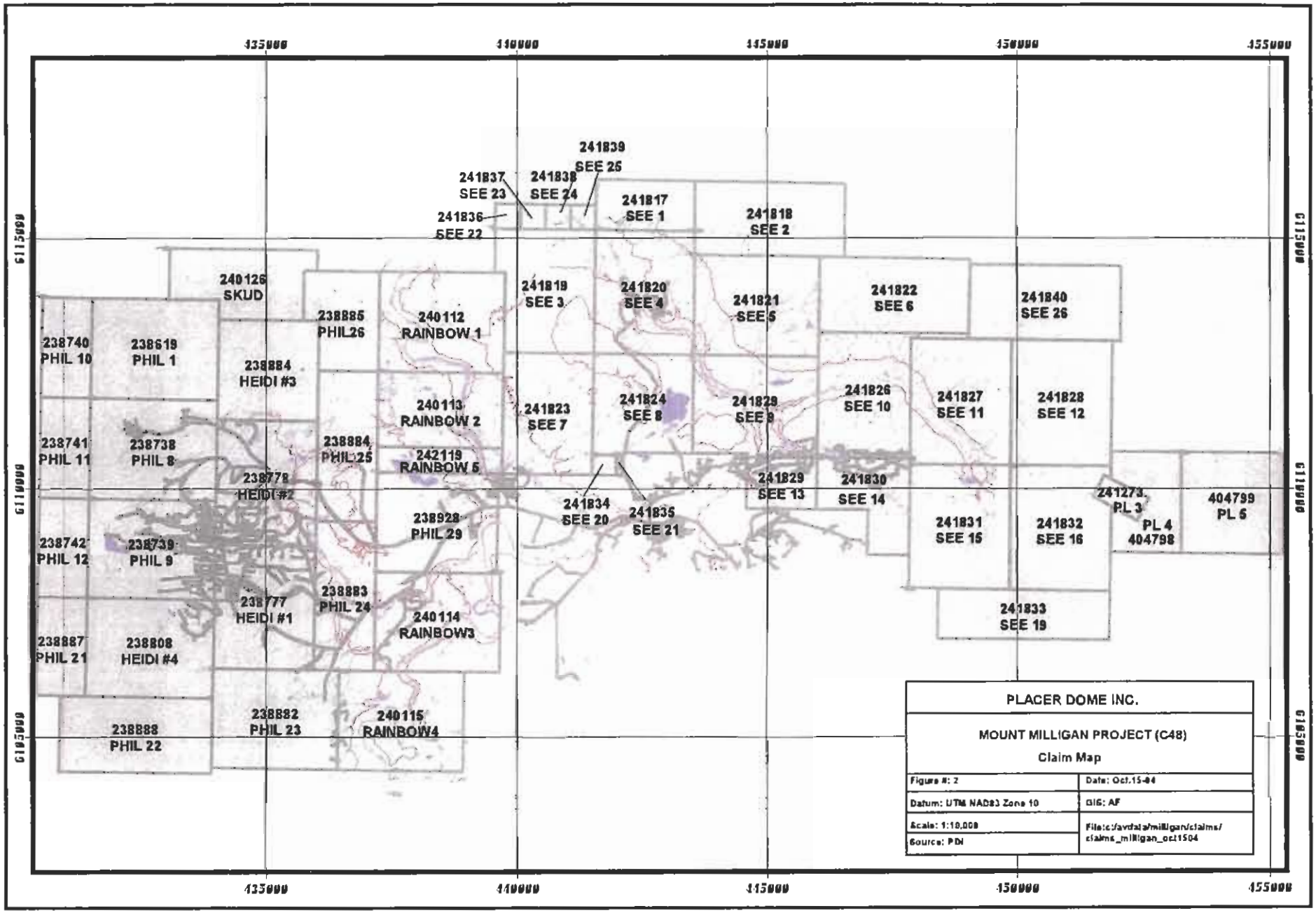
The deposit is located in the Traditional Territory of Nak'azdli Band of Fort St. James area.

Mt. Milligan Main deposit was discovered in 1987. Initial regional exploration work was carried out by Selco Inc. and BP Resources Canada Limited. Lincoln Resources carried out subsequent exploration work and intersected significant copper-gold mineralization in the Main deposit. Additional work by United Lincoln and Continental Gold Corp led to the discovery of Southern Star deposit in 1989. This work also identified low-grade porphyry gold and copper-gold mineralization in Goldmark and North Slope zones. Placer Dome Inc. purchased BP's interest in the mineral claims and acquired Continental Gold in 1990, and completed a pre-feasibility study in 1991.

MINERAL CLAIMS

The property consists of 50 surveyed claims. Placer Dome Inc. owns all 50 claims. Figure 2 shows the location of mineral claims. Table 1 lists claim information.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RAINBOW 1
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240115
RAINBOW4
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Table 1. Tabulated drill hole collar information.

Number	Name	Expiry	Hectares
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238778	HEIDI #2		496.0
238884	HEIDI #3		397.7
238808	HEIDI #4		503.9
238619	PHIL 1		504.1
238740	PHIL 10		197.2
238741	PHIL 11		197.1
238742	PHIL 12		195.7
238887	PHIL 21		196.7
238888	PHIL 22		453.6
238882	PHIL 23		497.7
238883	PHIL 24		361.4
238884	PHIL 25		357.4
238928	PHIL 29		484.0
238738	PHIL 8		501.3
238739	PHIL 9		500.2
238885	PHIL26		269.3
241273	PL 3		49.0
404798	PL 4		245.1
404799	PL 5		409.5
240112	RAINBOW 1		501.5
240113	RAINBOW 2		371.7
242119	RAINBOW 5		127.2
240114	RAINBOW3		498.3
240115	RAINBOW4		497.8
241817	SEE 1		201.5
241826	SEE 10		465.6
241827	SEE 11		502.8
241828	SEE 12		500.0
241829	SEE 13		144.4
241830	SEE 14		268.1
241831	SEE 15		499.0
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241833	SEE 19		342.4
241818	SEE 2		446.8
241834	SEE 20		19.4
241835	SEE 21		5.6
241836	SEE 22		25.4
241837	SEE 23		24.7
241838	SEE 24		25.1
241839	SEE 25		24.7
241840	SEE 26		452.2
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240126	SKUD		351.6

REGIONAL GEOLOGICAL SETTING

The Mt. Milligan deposit is located in Quesnellia, which is part of the Intermontane Belt, a composite of low metamorphic grade magmatic arc segments of mixed oceanic and continental affinities, and oceanic plates, which amalgamated with North America in Early Jurassic Period.

Quesnellia is characterized by widespread Late Triassic to Early Jurassic arc rocks comprising:

- Volcanic rocks: mainly volcaniclastics, with subordinate coherent volcanics of basaltic to dacitic compositions. Augite-porphyry is particularly characteristic of Quesnellia, and forms an eastern facies of alkaline to sub-alkaline augite-phyric basaltic andesite;
- Coeval and partly comagmatic plutons ranging from calcalkaline (in the west) to alkaline (in the east);
- Sedimentary rocks including shale, limestone, and epiclastic deposits.

Figure 3 shows regional geology and porphyry Cu-Au prospects in the Mt. Milligan area.

In the Mt. Milligan area, Quesnellia rocks consist of Triassic to Lower Jurassic volcanic and subordinate sedimentary rocks of Takla Group, and Hogem intrusive suite, which is interpreted as Takla Group's deep-seated equivalent. Many Cu-Au mineral showings are associated with Hogem Batholith and smaller coeval intrusions. Takla Group in the Mt. Milligan area is informally subdivided into a lower, predominantly sedimentary Inzana Lake Succession, and an upper, predominantly volcaniclastic Witch Lake Succession.

Witch Lake Succession hosts the Mt. Milligan deposit, and is characterized by augite-phyric volcaniclastic and coherent basaltic andesites, with subordinate epiclastic beds. The Geological Survey Branch of BC Government carried out regional mapping and petrographic studies in the Mt. Milligan area. Those studies demonstrated that Witch Lake basaltic andesites are affected by strong potassic alteration as far as 4 km from Mt. Milligan, and the alteration makes them resemble latites and trachites.

PROPERTY GEOLOGY

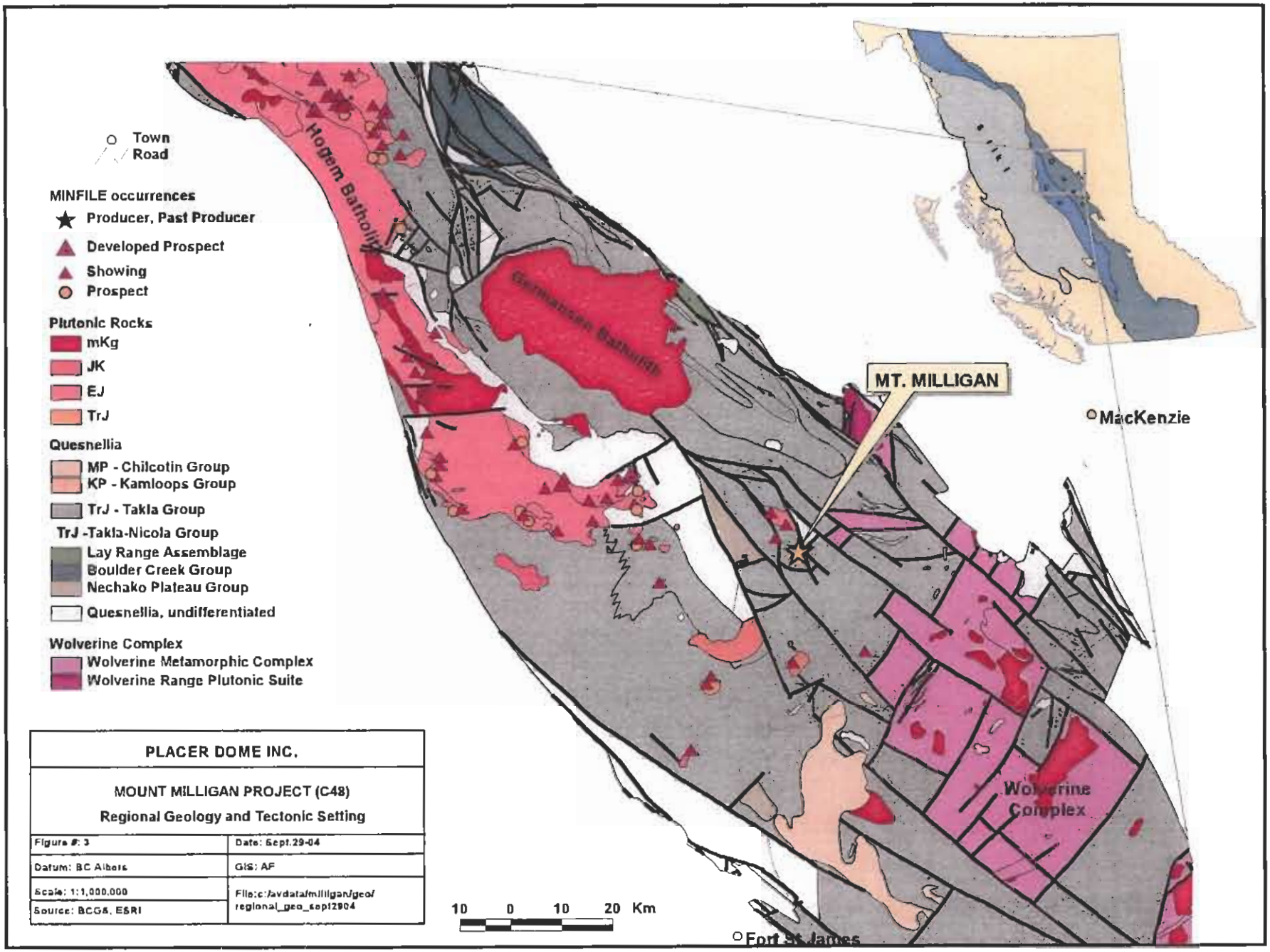
The Mt. Milligan property includes Mt. Milligan Main and Southern Star deposits. Figure 4 shows the geology of Mt. Milligan property at the 1040 m level.

MT. MILLIGAN MAIN – SUMMARY GEOLOGY

Mt. Milligan Main deposit is hosted mainly in volcanic and volcaniclastic rocks of Witch Lake succession. The deposit is divided into Au and Cu rich MBX, WBX, and DWBX zones, and Au-rich, Cu-poor 66 Zone. Mineralization extends east from the eastern contact of the MBX stock to Great Eastern Fault, and is centered around the northeasterly dipping Rainbow Dike. Cu- and Au-rich mineralization of MBX zone appears to grade laterally into the Cu-poor, Au-rich 66 Zone. Mineralization is bounded to the south by Caira Faults A and B, and to the north by Oliver Fault. A swarm of narrow post-mineral dikes intrudes the eastern part of MBX and 66 zones. The cross-cutting relationships between post-mineral dikes and post-mineral faults is unclear.

SOUTHERN STAR – SUMMARY GEOLOGY

Mineralization in the Southern Star deposit is hosted in the Southern Star Stock and adjacent Witch Lake volcanic succession. A potassic-feldspar matrix breccia/stockwork with strongly carbonate altered monzonite clasts forms the center of mineralization.


Town
Road
MINFILE occurrences
Producer, Past Producer
Developed Prospect
Showing
Prospect
Plutonic Rocks
mKg
JK
EJ
TrJ
Quesnellia
MP - Chilcotin Group
KP - Kamloops Group
TrJ - Takla Group
TrJ -Takla-Nicola Group
Lay Range Assemblage
Boulder Creek Group
Nechako Plateau Group
Quesnellia, undifferentiated
Wolverine Complex
Wolverine Metamorphic Complex
Wolverine Range Plutonic Suite
Hogem Batholith
Germansen Batholith
MT. MILLIGAN
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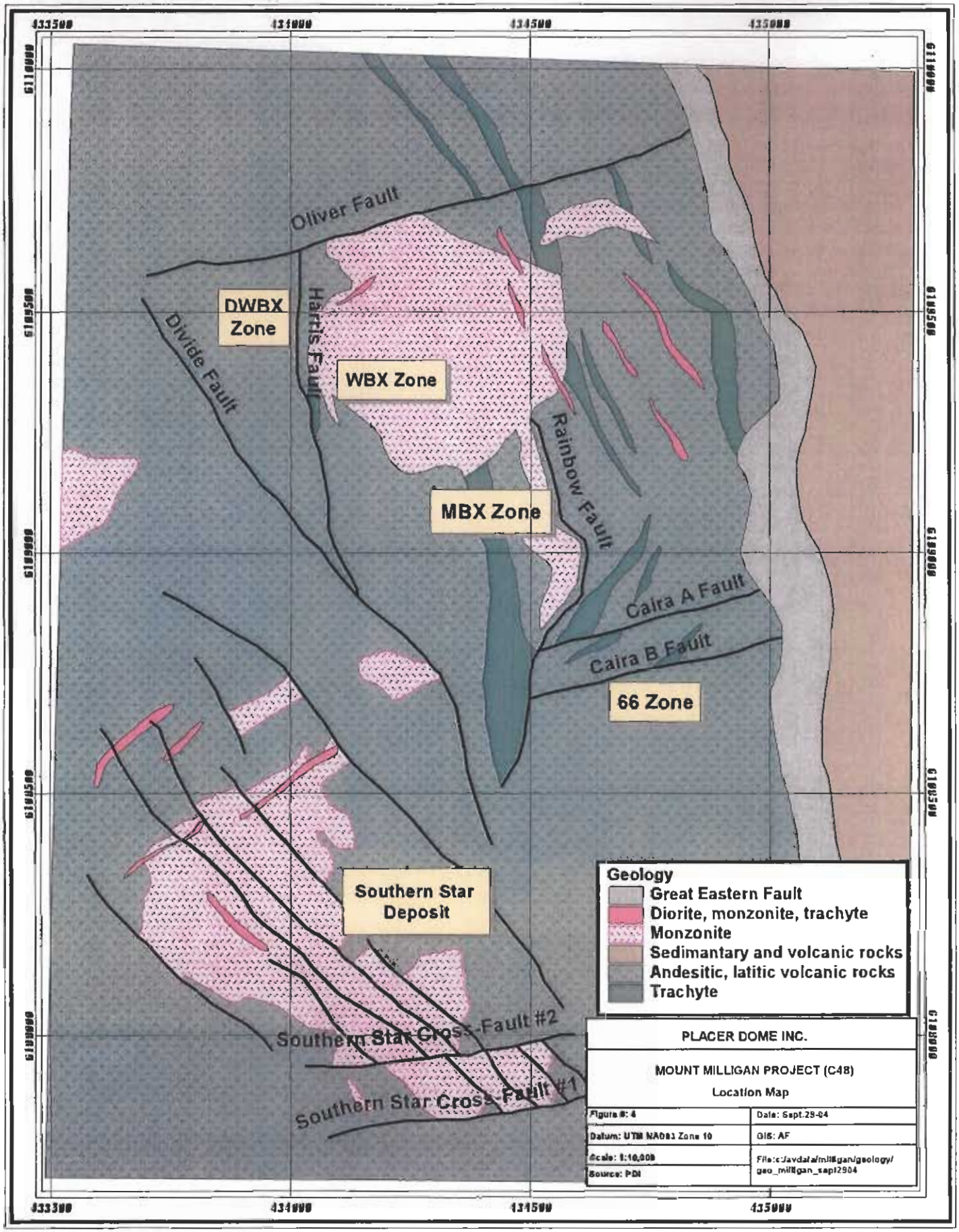
Oliver Fault
DWBX Zone
Harris Fault
Divide Fault
WBX Zone
Rainbow Fault
MBX Zone
Caira A Fault
Caira B Fault
66 Zone
Southern Star Deposit
Southern Star Cross-Fault #2
Southern Star Cross-Fault #1
Geology
Great Eastern Fault
Diorite, monzonite, trachyte
Monzonite
Sedimantary and volcanic rocks
Andesitic, latitic volcanic rocks
Trachyte
PLACER DOME INC.
MOUNT MILLIGAN PROJECT (C48)
Location Map
Figure #: 4
Date: Sept.29-04
Datum: UTM NAD83 Zone 10
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LITHOLOGY

VOLCANICLASTIC ROCKS

1) Augite-phyric lapilli to crystal tuff (AFXT, ANLT, ANTF, APXT, LPXT, TRTF, TRXT)
Dark gray, porphyritic, augite-phyric crystal tuff (Plates 1 to 3) and lapilli tuff form the most common lithologies at Mt. Milligan Main deposit. Calcite and actinolite form pseudomorphs after augite, and are in turn replaced by pyrite. Lapilli are typically angular, altered andesitic rock fragments up to 3 cm. Locally, bedding is discerneable as intercalations of light and dark lapilli to ash tuff. Fine-grained augite-phyric crystal tuff resembles porphyritic flows. Local pervasive potassic (biotite-K-feldspar + chlorite after augite) alteration in southern MBX and in 66 zones makes augite-phyric tuffs resemble altered monzonite, but thin-section inspection revealed the volcaniclastic nature of the rocks. Continuous trachitic units mapped by Continental Gold Deposits are only distinguishable on the basis of K-feldspar staining. It is unclear if the trachitic nature is primary or results from preferential K-feldspar alteration of permeable horizons.

3) Lapilli to block and ash deposits (HTDF)
Gray and white, moderately to strongly altered, polymict (Plate 4) coarse lapilli to block and ash deposits predominate in the lower part of the MBX volcaniclastic sequence. The apparently heterolithic nature of lapilli and blocks may result from intense preferential alteration of andesitic clasts (Plates 5 to 6).

2) Bedded ash-tuff (TRBT)
Laminated brown and white ash tuff with abundant syngenetic pyrite (Plate 7) forms continuous beds that serve as a good markers in the MBX and 66 Zones. Compositional bands are typically up to 3 cm thick.

ANDESITIC FLOW (ANDS, LAFW, LPFW, PTRF, PPRF, TPFW, TRFW)
Black porphyritic, augite-phyric massive andesite is a common lithology. Flow banding is rarely recognizeable. Augite phenocrysts form up to 25% of the rock, are strongly to pervasively replaced by calcite+/-actinolite pseudomorphs (Plate 8), which are in turn replaced by calcite.

On close inspection of phenocrysts, some drill core intervals logged as andesitic to trachitic flow have fragmental augite crystals, suggesting volcaniclastic deposition.

PLUTONIC ROCKS

1) MBX and Rainbow Dike (FGMZ, HMZP, MONZ, MVHD, MZPP, XNMZ)
MBX Stock and Rainbow Dike consist of light gray-white, medium-grained, plagioclase-monzonite, with up to 3% biotite +/- hornblende, and trace magnetite. Intrusive contacts are irregular (Plate 9). Plagioclase phenocrysts form >60% of the intrusions, producing a characteristic crowded texture (Plate 10). Locally, a weak foliation is defined by the alignment of pyrite.

2) Southern Star Stock (FGMZ, HMZP, MONZ, MVHD, MZPP, XNMZ)
Southern Star Stock consists of red to red-gray, strongly to moderately brecciated, crowded biotite-plagioclase-monzonite (Plate 11) with common disseminated magnetite <3%. Clasts vary in size, and consist of angular, strongly calcite altered monzonite (Plate 12), whereas the matrix is formed by a stockwork of red K-feldspar veinlets.

3) Post-mineral intrusions (APD, DRPD, HPDR, MPHD, MZPD, PDRP, PHDD, PPMZ)
Dikes of varying mineralogy intrude the Mt. Milligan Main and Southern Star deposits (Plates 13 to 16). Post-mineral dikes are light green-gray, medium to coarse grained to aphanitic, commonly crowded sericite-altered plagioclase-hornblende porphyry monzonite to diorite. Contacts are recessive. Rare chalcopyrite occurs locally. Cross-cutting relationships between post-mineral dikes and post-mineral faults remain uncertain.

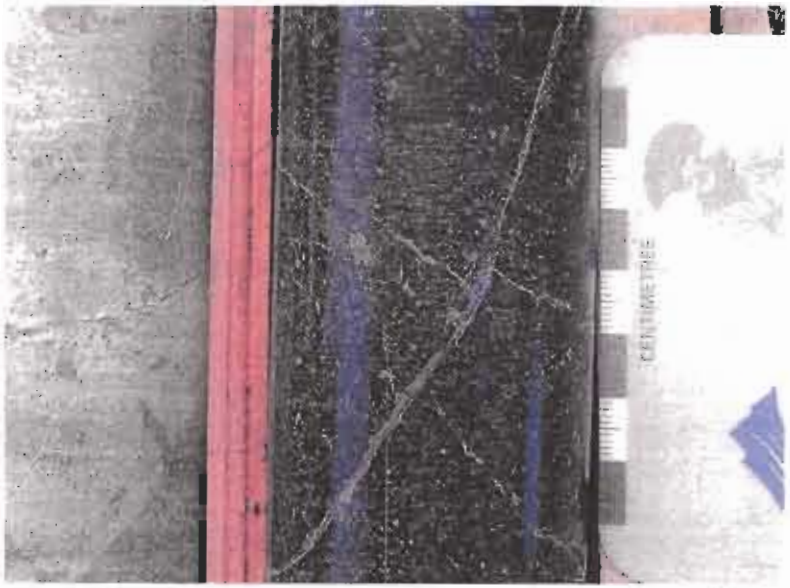


Plate 1. Crystal tuff with pyrite veinlets cross-cut by calcite veinlet. Sample B093009.

Plate 2. Photomicrograph of augite fragments and phenocrysts in crystal tuff. Field of view: 7.2 mm. Crossed-polars. Sample B093847.

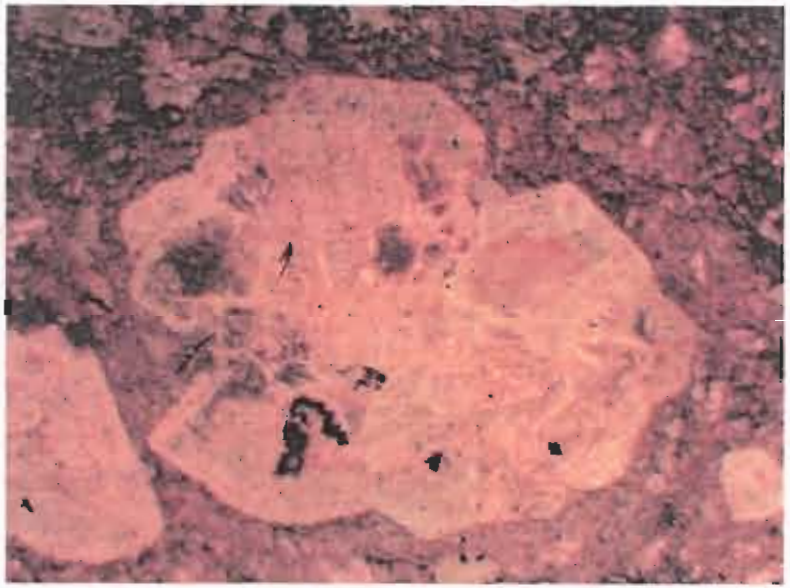


Plate 3. Photomicrograph of glomerophyric texture in augite-phyric crystal tuff. Field of view: 7.2 mm. Plane polarized light. Drill hole 90-617 at 215 m.

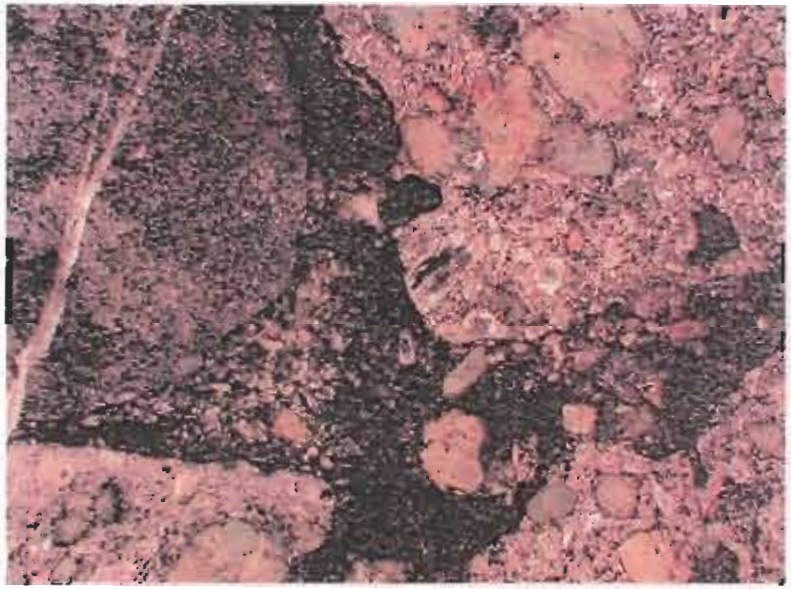


Plate 4. Photomicrograph of lithic clasts in polymictl tuff. Field of view: 7.2 mm. Plane polarized light. Sample B093847.

Plate 5. Pyrite preferentially replacing lapilli tuff matrix. Sample B093035.

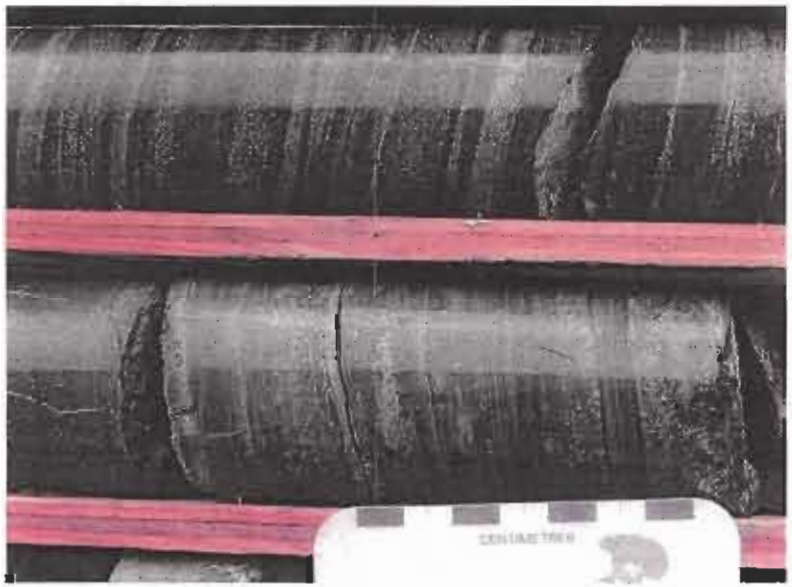


Plate 7. Syngenetic(?) pyrite in banded ash-tuff. Sample B093840.

Plate 6. Pyrite preferentially replacing leucocratic lithic clast. Sample B093209.

Plate 8. Photomicrograph showing augite phenocrysts partially replaced by calcite-pyrite. Field of view: 7.2 mm. Plane polarized light. Drill hole 90-617 at 107 m.

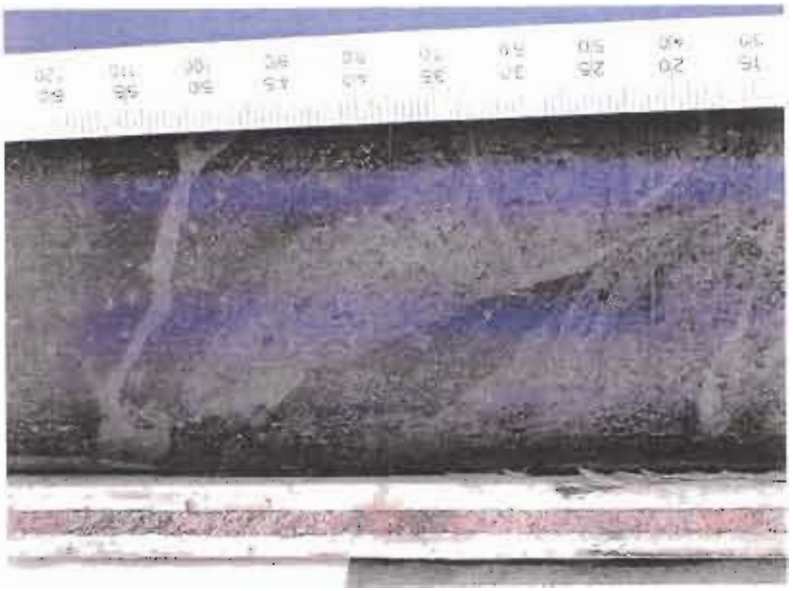


Plate 9. Irregular contact between intrusion (light) and tuff (dark). Sample B093426.

Plate 11. Southern Star brecciated stock. White clasts are calcite-altered monzonite, and red matrix is K-spar. Sample B094118.

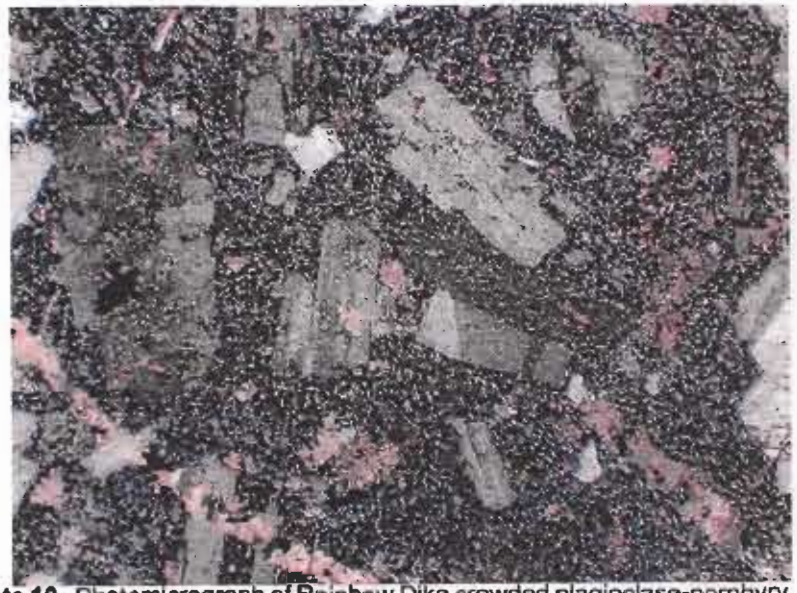


Plate 10. Photomicrograph of Rainbow Dike crowded plagioclase-porphyry. Plagioclase phenocrysts are altered to calcite and cross-cut by calcite veinlets. Field of view: 7.2 mm. Crossed polars. Sample B093692.

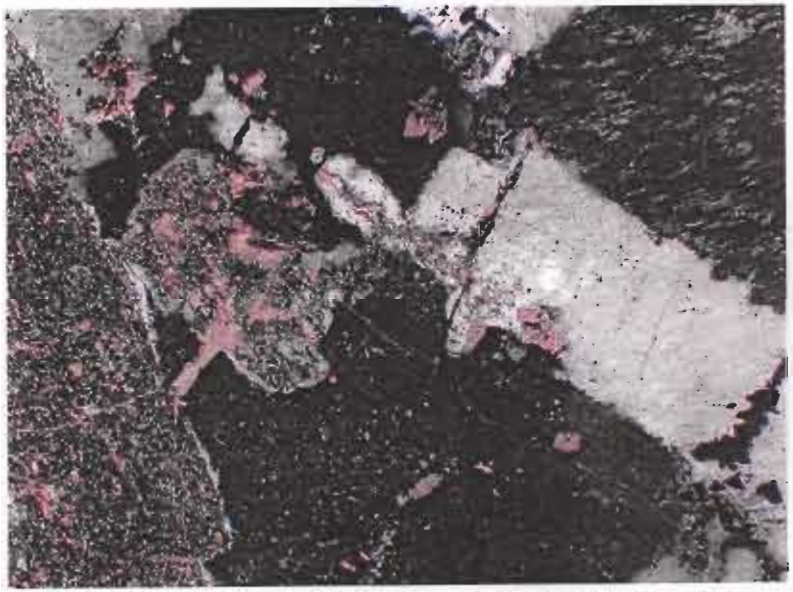


Plate 12. Photomicrograph of Southern Star brecciated monzonite. Plagioclase phenocrysts are strongly altered to calcite. Field of view: 1.75 mm. Crossed polars. Sample B094110.

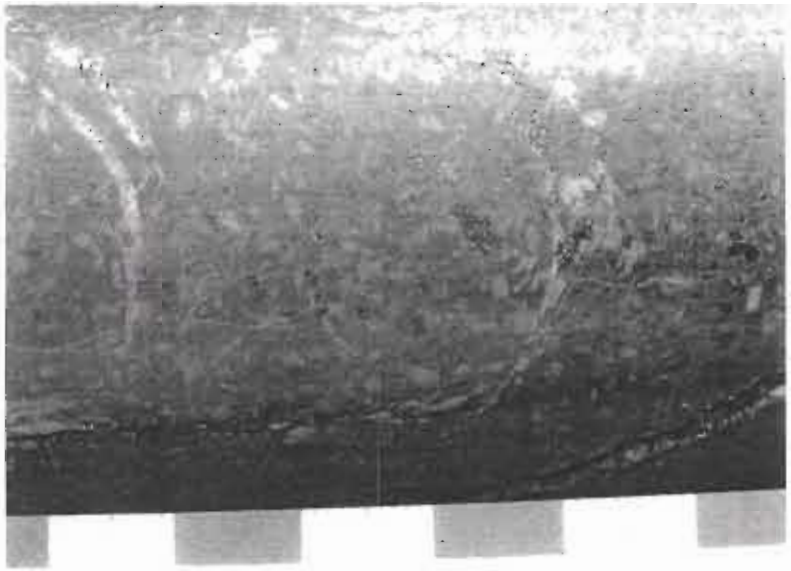


Plate 13. Crowded augite-plagioclase porphyry post-mineral dike in 66 Zone. Sample B093863.

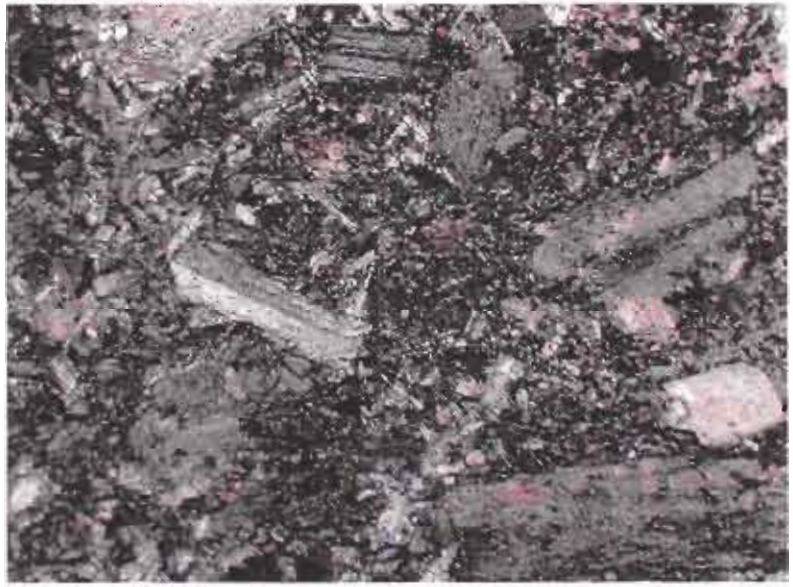


Plate 15. Photomicrograph of crowded plagioclase-porphyry post-mineral dike. Field of view: 7.2 mm. Crossed polars. Drill hole 90-617 at 48 m.

Plate 14. Coarse-grained post-mineral dike in Southern Star deposit. Sample B094125.

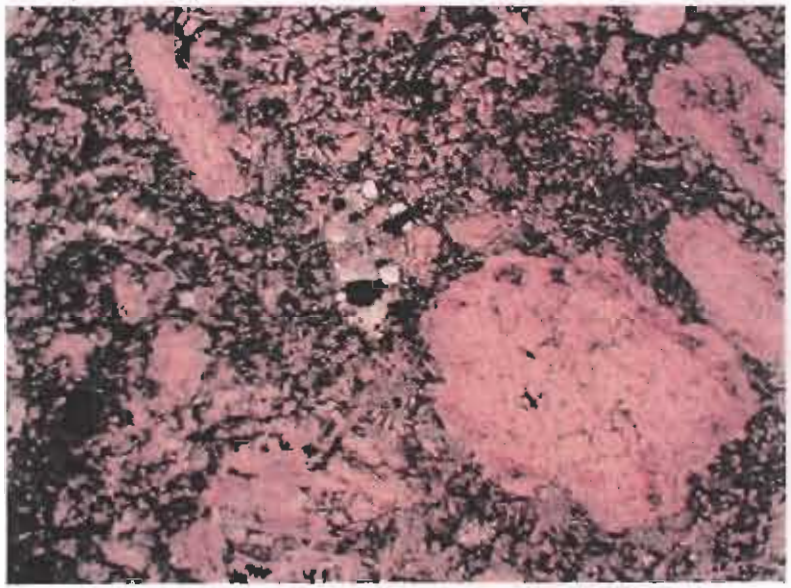


Plate 16. Photomicrograph showing quartz and pyrite (centre) in post-mineral dike. Field of view: 7.2 mm. Crossed polars. Drill hole 90-617 at 187 m.

ALTERATION

POTASSIC

Potassic feldspar alteration is widespread, and occurs principally as massive replacement of fine-grained matrix in porphyritic tuffs (Plate 17) and flows, or as diffuse zones adjacent to quartz-calcite+/-sulphide veins. Potassic feldspar is the principal alteration mineral in intrusive rocks hosting mineralization. A stockwork of potassic feldspar veins along the eastern contact of MBX Stock is described in drill logs.

In the Southern Star deposit, K-feldspar occurs as a brecciating stockwork, and as massive replacement of dioritic clasts. Stockwork veins are a few mm to 1 cm wide.

Biotite is common as fine-grained replacement in tuff (Plate 18) or flow, and rarely occurs as coarser books.
In the MBX and 66 Zones, potassic alteration is well developed in volcanic and volcaniclastic rocks, but poorly developed in the MBX Stock and Rainbow Dike.

MAGNETITE

Magnetite occurs as fine-grained disseminations, small patches, and veinlets < 0.5 cm, throughout the Main and Southern Star deposits.

PROPYLITIC

Calcite-actinolite replacing augite phenocrysts (Plate 19) in tuffs and flows is ubiquitous. Calcite-actinolite is commonly subsequently replaced by pyrite (Plates 20 to 22). This type of alteration produces a salt and pepper texture that is cross-cut by propylitic alteration, and locally by potassic alteration.

Incipient epidote alteration consists of fine veinlets, and gives way to patchy (Plate 23) and pervasive (Plate 24) green-white alteration. Large clots and diffuse vein-like zones of epidote-calcite+/-pyrite-albite-chlorite are best developed in drill holes in the 66 Zone and occur locally in MBX Zone. Pervasive epidote-calcite alteration produces a characteristic light green and white colour that obliterates primary volcanic features. Locally, augite is preserved in zones of strong to pervasive epidote-calcite-pyrite alteration.

Calcite also occurs as pervasive massive replacement of fine-grained tuff or flow. Albite patches <12 cm occur in association with epidote-pyrite, and in places albite occurs preferentially replacing lithic fragments. The propylitic assemblage cross-cuts potassic and calcite+/-actinolite alteration.

Chlorite was observed in thin-section, forming rims around pyrite crystals, and replacing augite phenocrysts.

Plate 17. Strong K-feldspar alteration with abundant disseminated pyrite. Sample B093754.

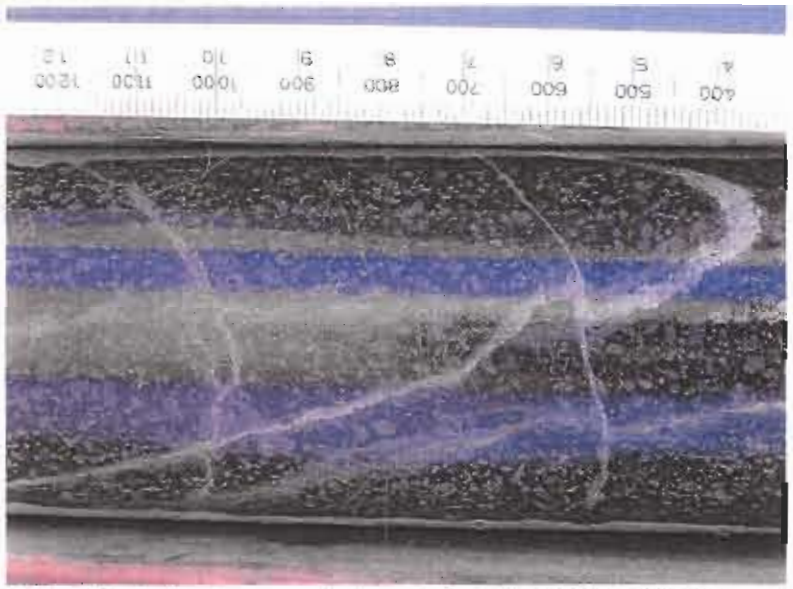


Plate 19. Salt-and-pepper texture produced by calcite-actinolite-pyrite pseudomorphs after augite. Calcite-pyrite veinlets cross-cut the texture. Sample B093301.

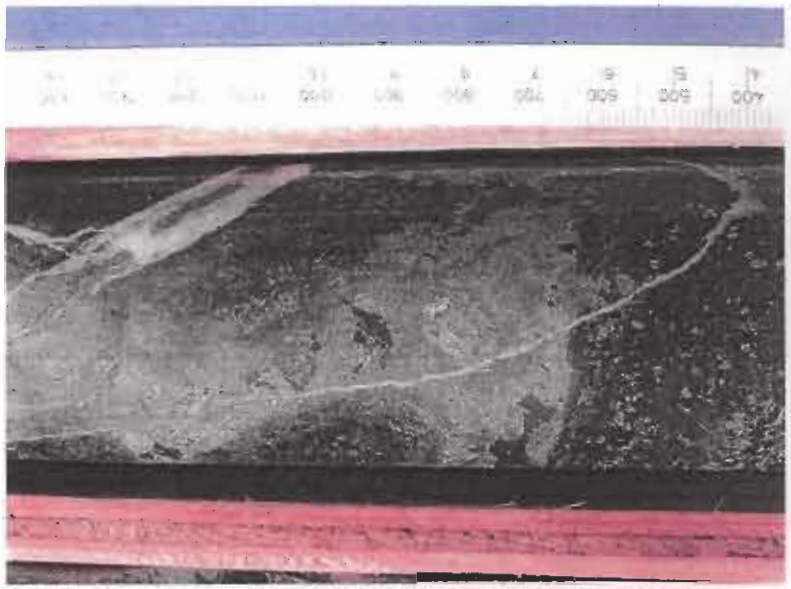


Plate 18. Strong biotite alteration (black) and pyrite-magnetite-chalcopyrite irregular veins and disseminations. Sample B093442.

Plate 20. Photomicrograph of augite phenocryst partially replaced by calcite (yellow core),-actinolite (light acicular crystals) and pyrite (black, centre). Field of view: 1.75 mm. Plane polarized light. Drill hole 90-617 at 215 m.

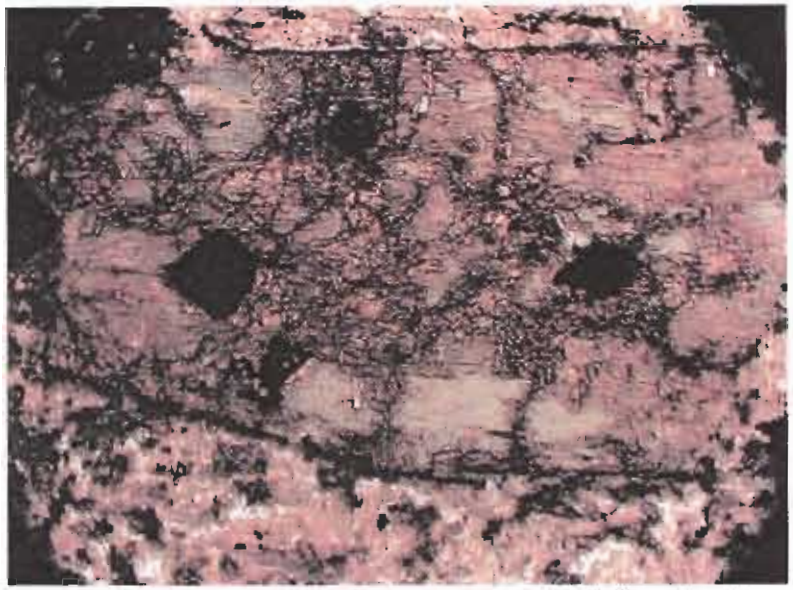


Plate 21. Photomicrograph of augite phenocryst partially replaced by calcite (yellow core) and pyrite. Field of view: 1.75 mm. Plane polarized light. Drill hole 90-617 at 107 m.

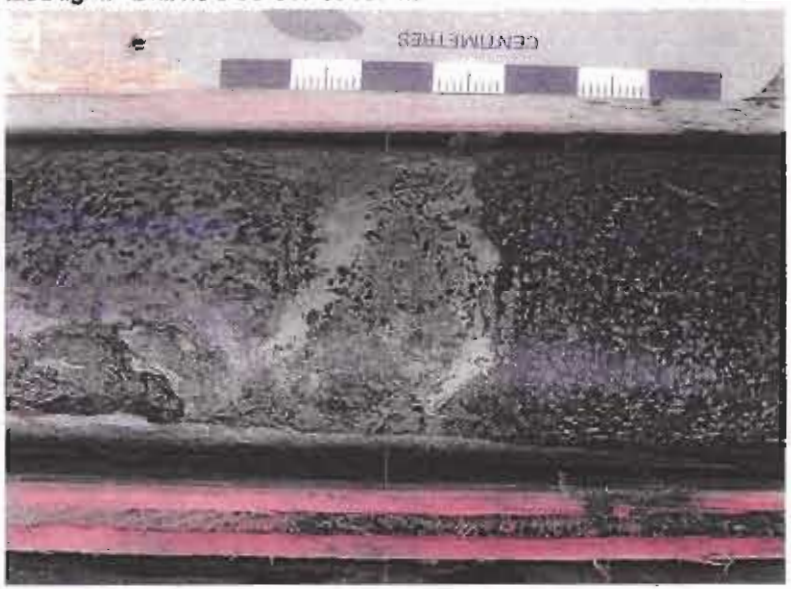


Plate 23. Yellow albite surrounding patchy epidote-pyrite alteration. Sample B093744.

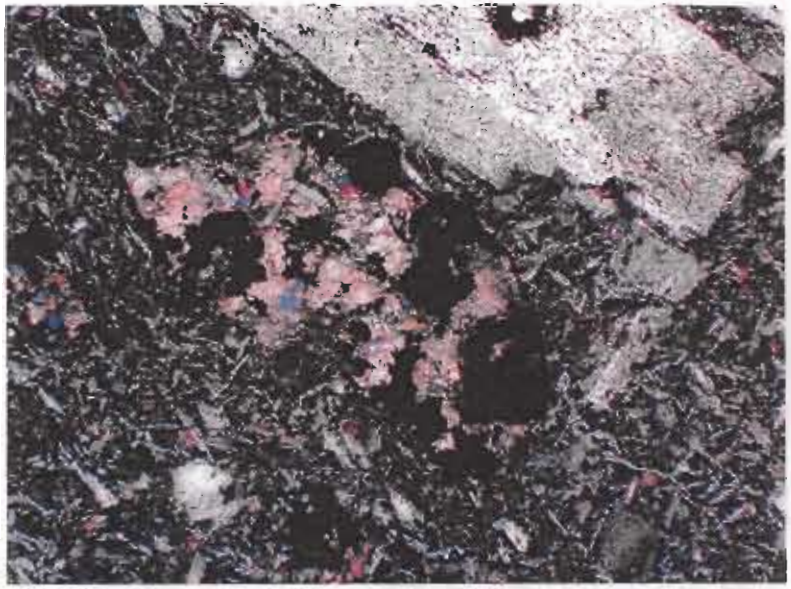


Plate 22. Photomicrograph of augite phenocryst completely replaced by calcite and pyrite. Field of view: 7.2 mm. Crossed polars. Drill hole 90-617 at 107 m.

Plate 24. White, pervasive calcite-epidote-pyrite-albite altered tuff in 66 Zone. Sample B093804.

VEINS

SULPHIDE-BEARING VEINS consist of thin veinlets to <1 cm discrete veins of: calcite-pyrite+/-chalcopyrite; quartz-pyrite+/-chalcopyrite; pyrite-chalcopyrite; and epidote-pyrite.

Pyrite-chalcopyrite veins are common in the southern part of MBX deposit, and form discontinuous veinlets < 0.5 cm wide (Plates 25 to 27). Quartz-pyrite+/-chalcopyrite veins are rare, continuous discrete veins < 1 cm wide.

Veinlets <3 mm wide of calcite-pyrite with rare chalcopyrite are common throughout MBX Zone. Epidote-pyrite veinlets <2 mm are common in the 66 Zone and locally in areas of moderate propylitic alteration in MBX Zone.

Limited measurements of vein attitudes from oriented core (Figure 5) show that quartz-sulphide veins, and pyrite-chalcopyrite veins were emplaced preferentially along shallowly- to moderately-northeast-dipping structures, whereas calcite-sulphide veins were emplaced along northwest- to southeast-dipping structures. Epidote-pyrite veinlets were emplaced along northeast- to southeast-dipping structures.

MAGNETITE VEINS are widespread throughout MBX Zone and are common in the deeper parts of 66 Zone. Magnetite commonly occurs as veins <1 cm wide, associated with quartz and locally with pyrite and chalcopyrite. Limited measurements of vein attitudes from oriented core (Figure 6) show that magnetite veins are emplaced preferentially along shallowly- to steeply-northeast-dipping structures.

STOCKWORK ZONES: Potassic-feldspar stockwork is described along the eastern contact of MBX Stock, and forms the main mineralized body of Southern Star deposit. Magnetite stockwork (Plate 28)zones occur in MBX Zone. Calcite stockwork is described on the upper-eastern and central parts of MBX Zone. Relationships between calcite stockwork and mineralization is unclear.

BARREN VEINS consist of quartz-calcite, quartz, calcite, epidote, and potassic feldspar.
Quartz-calcite and quartz veins are typically <3 mm, but can reach 5 cm in width. Calcite veins are rarely >1 cm wide, and are observed cross-cutting and cross-cut by the various alteration assemblages (Plates 29 to 31).
Barren epidote veinlets <2 mm (Plate 32) occur peripheral to areas of patchy to pervasive epidote-calcite-pyrite alteration. Epidote veinlets are observed cross-cutting and cross-cut by the sulphide-bearing veins.

Quartz-hematite and calcite-hematite veinlets < 2 mm wide are common in 66 Zone.
Limited measurements of vein attitudes from oriented core (Figure 7) show that quartz-calcite and quartz veins are preferentially emplaced along shallowly- to steeply-northeast-dipping structures, whereas calcite veins occur in various attitudes.

RELATIONSHIPS BETWEEN VEIN TYPES AND MINERALIZATION

Overall, sulphide-bearing veins are a small portion of the sulphide content in Main and Southern Star deposits. Most sulphide occurs as disseminations and patches. Sulphide veins are most abundant in the southern portions of MBX Zone.
Three groups of veins can be discerned based on their attitude and observations of cross-cutting relationships and paragenetic associations (Figure 8):

- Syn-mineralization veins (generally northeast-dipping): quartz-sulphide, pyrite-chalcopyrite, magnetite veins;
- Syn-mineralization stockwork: potassic feldspar stockwork, magnetite "breccia", possibly calcite stockwork;
- Late-stage (generally southeast-dipping): calcite-pyrite and epidote-pyrite veins;
- Post-mineralization (variable attitudes): calcite, calcite-pyrite, possibly calcite stockwork.

Plate 25. Quartz-pyrite veinlets cross-cutting and cross-cut by quartz-calcite veins. Sample B094073.

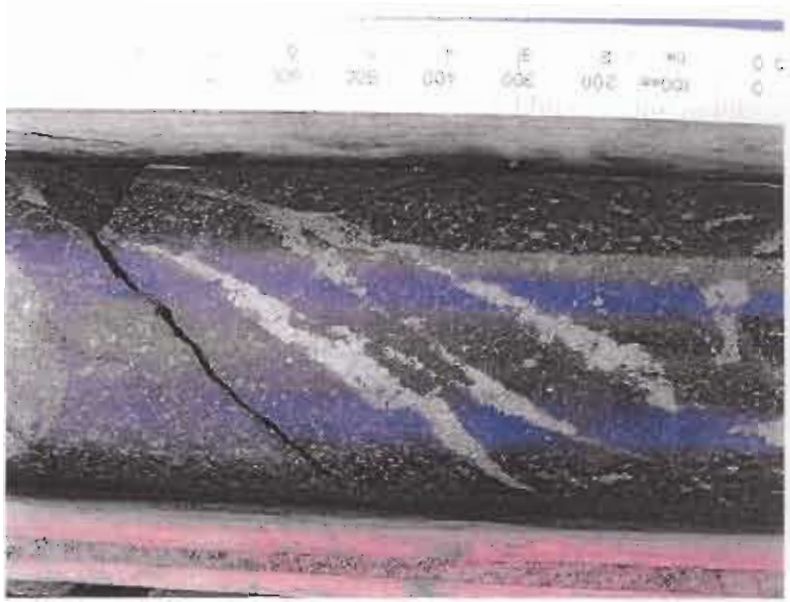


Plate 26. Discontinuous pyrite veinlets. Sample B093329.

Plate 27. Pyrite-chalcopyrite veinlet cross-cutting Southern Star monzonite breccia. Sample B094093.

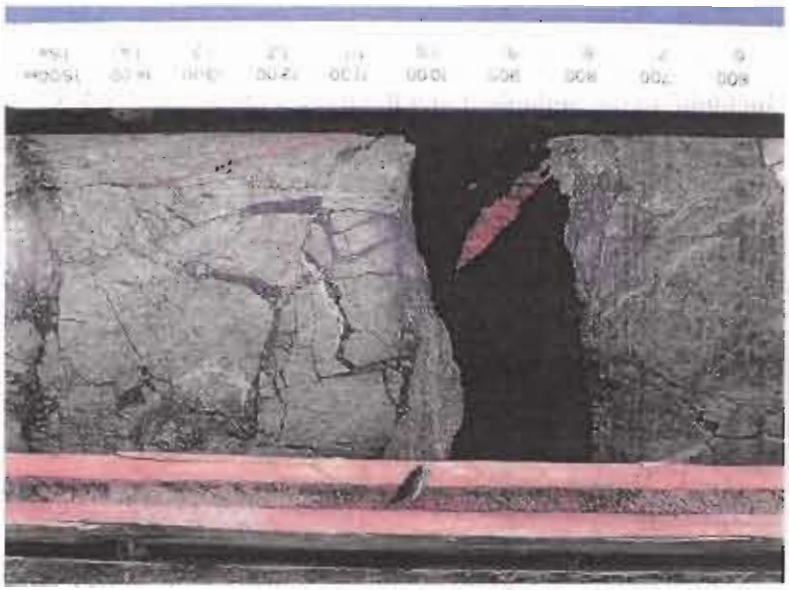


Plate 28. Local magnetite stockwork in MBX Zone. Sample B093549.

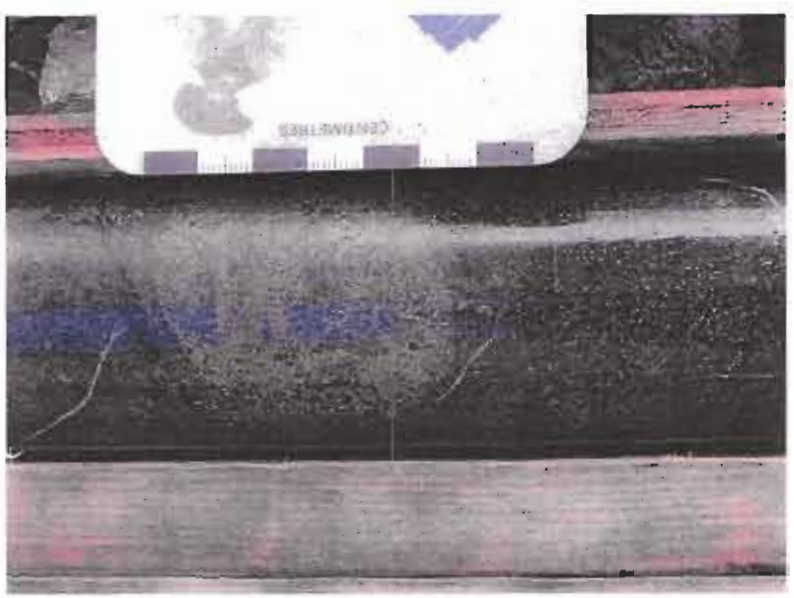


Plate 29. Epidote altered lithic clast. Epidote alteration cross-cuts calcite veinlet. Sample B093857.

Plate 30. Epidote-pyrite-calcite patches cross-cut by calcite veinlet. Sample B093081.

Plate 31. Brecciating, barren quartz-calcite veins cross-cutting pervasive K-feldpar alteration. Sample B093032.

Plate 32. Black (biotite altered) crystal tuff cross-cut by epidote veinlet, which is in turn cross-cut by pyrite veinlet. Sample B093778.

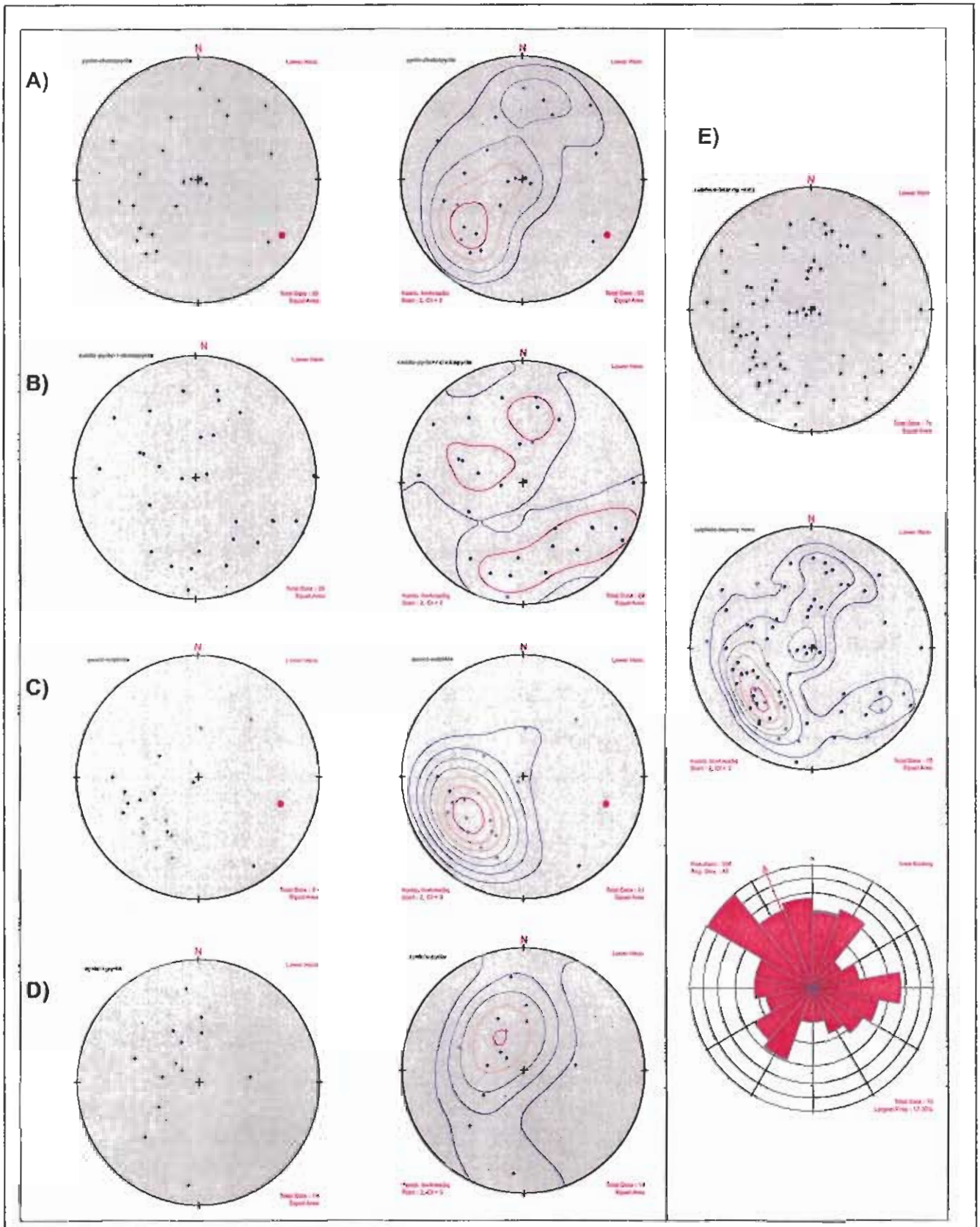


Figure 5. Lower hemisphere stereoplots of poles to planes of veins: A) pyrite-chalcopyrite; B) calcite-pyrite+/-chalcopyrite; C) quartz-pyrite+/-chalcopyrite; D) epidote-pyrite; E) all sulphide-bearing veins - rose diagram shows vein trends.

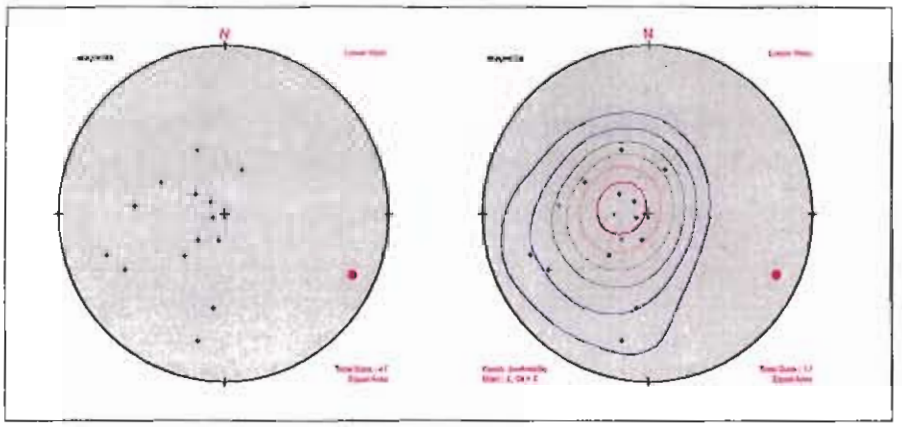


Figure 6. Lower hemisphere stereoplots of poles to planes of magnetite veins.

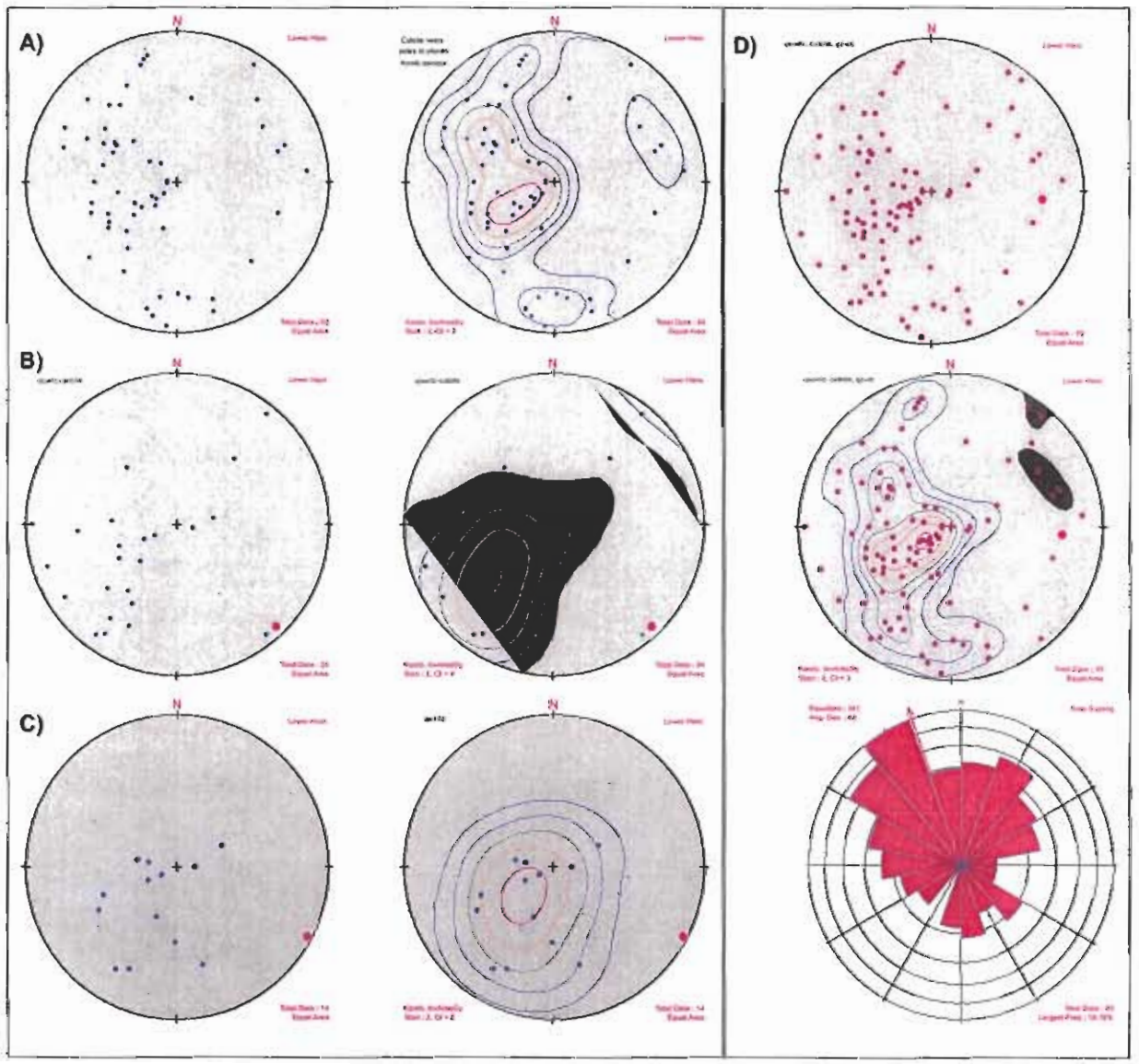


Figure 7. Lower hemisphere stereoplots of poles to planes of veins: A) calcite veins; B) quartz-calcite veins; C) quartz veins; D) all barren veins - rose diagram shows vein trends.

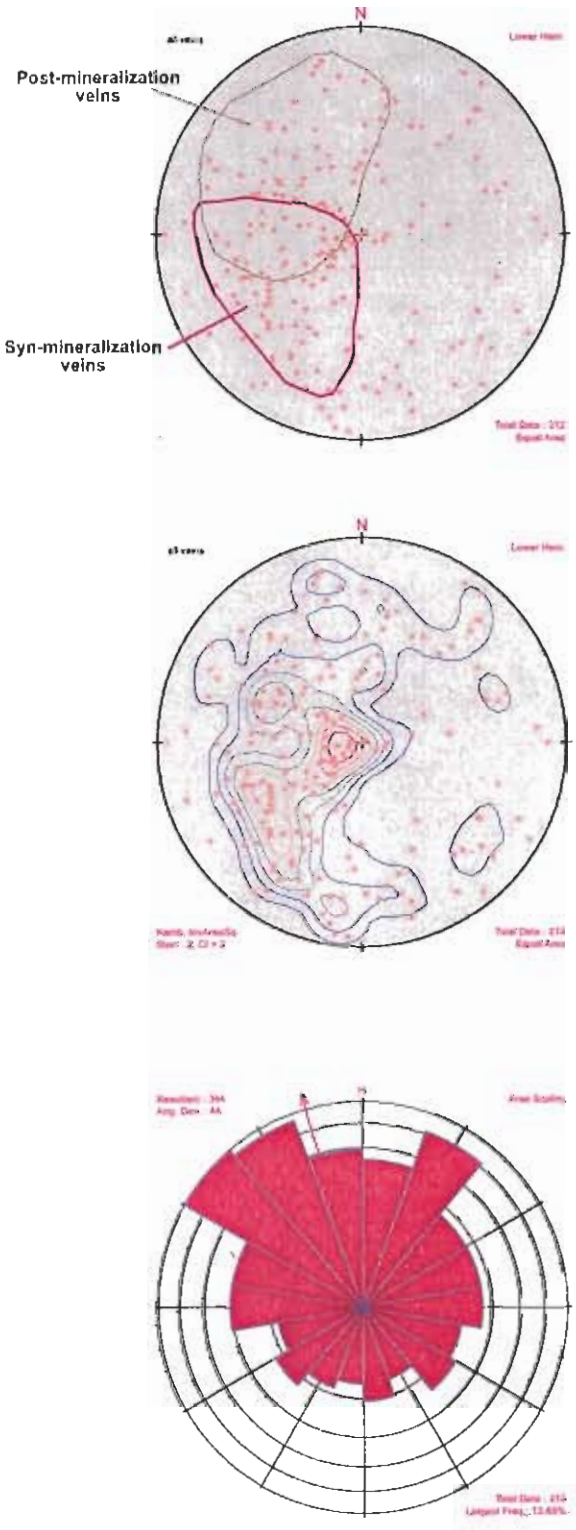


Figure 8. Lower hemisphere stereoplot of poles to planes and rose diagram of trend of sulphide-bearing, magnetite, and barren veins. Rose diagram shows vein trends.

DRILL SECTIONS

Interpretations of alteration patterns and structural relationships from drill sections remain inconclusive, in spite of the drill hole density. Inconsistencies in past core logging methodologies led to gaps in the recording of alteration and structure. Additionally, the current Mt. Milligan database records only presence or absence of alteration minerals, without abundance quatification. Interpretations in the cross-sections below (Figures 9 to 14) include quantification of alteration mineral abundance from original drill logs, mineral abundances recorded in the 2004 digital logs, and information on presence/absence of alteration minerals.

GEOCHEMICALQA/QC PROCEDURES

Analyses of one blank, one pulp duplicate, and one company standard were requested for every 37core samples sent for geochemical analyses at Eco-Tech Laboratories of Kamloops.

Company standard – CGS-1
Eco Tech received a flask labeled "Standard A", which was used as the company standard. "Standard A" consisted of CGS-1 from CDN Resource Laboratories Ltd. of Delta, BC. CGS-1 was prepared from ore supplied by B.C. Metals Corporation from the Red Chris porphyry deposit in B.C. Results from round-robin assays involving 9 commercial analytical laboratories (Table 2) yielded average grades of 0.596+/-0.029% Cu and 0.53+/-0.068 g/t Au. Eco-Tech participated in the round-robin.

Table 2. CGS-1 standard.

Lab1 Au(gpt)	Lab2 Au(gpt)	Lab3 Au(gpt)	Lab4 Au(gpt)	Lab5 Au(gpt)	Lab6 Au(gpt)	Lab7 Au(gpt)	Lab8 Au(gpt)	Lab9 Au(gpt)
0.52	0.49	0.5	0.55	0.58	0.51	0.57	0.48	0.63
0.53	0.52	0.47	0.54	0.49	0.52	0.57	0.5	0.57
0.52	0.5	0.56	0.55	0.56	0.48	0.58	0.51	0.61
0.49	0.51	0.53	0.54	0.53	0.52	0.59	0.5	0.58
0.52	0.5	0.52	0.55	0.57	0.48	0.56	0.53	0.59
0.49	0.49	0.54	0.53	0.54	0.5	0.54	0.48	0.6
0.49	0.51	0.54	0.55	0.53	0.56	0.57	0.43	0.61
0.54	0.48	0.56	0.54	0.56	0.48	0.58	0.49	0.6
0.52	0.5	0.55	0.51	0.53	0.51	0.57	0.51	0.55
0.55	0.52	0.52	0.54	0.54	0.48	0.57	0.42	0.57
Cu(%)	**Cu(%)**	**Cu(%)**	**Cu(%)**	**Cu(%)**	**Cu(%)**	**Cu(%)**	**Cu(%)**	**Cu(%)**
0.617	0.605	0.591	0.612	0.596	0.576	0.63	0.59	0.58
0.613	0.6	0.59	0.605	0.599	0.574	0.63	0.59	0.559
0.611	0.6	0.574	0.6	0.605	0.578	0.637	0.59	0.58
0.615	0.6	0.582	0.604	0.601	0.574	0.636	0.59	0.58
0.619	0.598	0.587	0.604	0.6	0.582	0.636	0.59	0.58
0.619	0.608	0.58	0.603	0.593	0.574	0.626	0.58	0.59
0.611	0.604	0.593	0.605	0.598	0.584	0.634	0.59	0.58
0.615	0.6	0.587	0.601	0.599	0.579	0.634	0.58	0.58
0.614	0.606	0.588	0.605	0.605	0.58	0.634	0.58	0.58
0.61	0.583	0.576	0.601	0.593	0.586	0.63	0.59	0.58

Figure 16 compares gold (a) and copper (b) analyses of CGS-1 performed during the 2004 drilling analyses to the original round-robin analyses used to characterize the standard. Appendix VI shows QA/QC charts of standards and duplicates for each analytical batch.

ICP copper analyses of standard CGS-1 performed by Eco-Tech Laboratories are consistently higher than the recommended value from the round robin analyses, and straddle the acceptable upper limits of analyses. Characterization analyses plotted in black in figure 14b shows that one of the round-robin laboratories yielded consistently high copper analyses. It is possible that Eco-Tech Labs may be the round-robin laboratory with high copper analyses. Samples that yielded >7,000 ppm Cu were assayed. A comparison of copper ICP versus assay analyses (Figure 17) shows good correlation.

Analyses of pulp duplicates (Appendix VI) yielded generally excellent correlation for copper and fair to poor correlation for gold. All blanks produced null to low gold and copper values.

DISCUSSION

Many uncertainties remain regarding structural relationships and alteration zoning in the Mt. Milligan Main deposit.

An alteration model for Mt. Milligan Main deposit is encumbered by the paucity of detailed alteration descriptions in the digital database, and inconsistencies in original paper logs. Original logs contain some quantified information on alteration mineral abundances, whereas the digital database records only presence or absence of minerals.

The lateral transition from MBX-type to 66-type ore appears to be gradual, whereas downdip transitions are sharp, and correspond to northeast-dipping faults parallel to Rainbow Fault. The most striking lateral variation in alteration is from local patchy propylitic alteration in MBX to pervasive to strong propylitic alteration in 66 Zone. Juxtaposition of coarse lapilli tuffs to flows along steep southwesterly-dipping faults may also control the lateral transition in metal ratios.

Calcite+/-pyrite alteration appears to occur as pre-, syn, and post-mineral alteration assemblages. Consequently, quantification of disseminated and vein pyrite may be biased by varying amounts of pre- and post-mineral pyrite associated with calcite. Calcite-actinolite+/-pyrite replacing augite phenocrysts in flows and crystal tuffs is the most widespread form of alteration throughout MBX Zone, and also occurs in 66 Zone and Southern Star deposit. This type of alteration is cross-cut by potassic and propylitic alteration, therefore appearing to be the earliest form of alteration. It is unclear if the disseminated pyrite replacing calcite-actinolite pseudomorphs after augite is auriferous. On the other hand, zones of pervasive epidote-calcite-pyrite in 66 Zone commonly have fresh augite crystals, suggesting that the early calcite-actinolite alteration either did not affect entirely, or was less intense in 66.

Quesnellia has examples of alkalic Cu-Au porphyry deposits in which the mineralizing event was accompanied by or immediately preceded by alteration assemblages typical of propylitic alteration. At Red Chris deposit gold to copper ratios vary from 1:1 in potassic altered zones, to 0.5:1 in quartz-sericite-carbonate altered zones, and range from 2:1 to 3.5:1 in chlorite-carbonate altered zones. At Copper Mountain, silver-rich bornite-chalcopyrite veins forming the core of the deposit in an area pervasively altered by an early (pre-mineral) sodic alteration assemblage consisting of albite, epidote, diopside, and calcite.

Drill holes from the 2004 program provide a suite of representative samples of geology and alteration in the MBX and 66 zones. The drill program yielded significantly less structural information from oriented core drilling than anticipated, because blocky ground conditions often prevented drillers from breaking the core to produce a proper orientation mark.

RECOMMENDATIONS

- **UPGRADE DIGITAL DATABASE**
  - Quantified alteration data from paper logs should be entered into the digital database and used in alteration modeling of MBX and 66 Zones, if deadlines for alteration model completion permit.
  - The digital database should be imported into acQuire, and ODBC connections set up so that users can access the most up-to-date version of the database.

- **ALTERATION MODELING**
  - Selected pulps from the 2004 drill program can be re-analyzed by ICP-MS and the analyses be used to vector mineralizing fluid paths, and assist in the interpretation of ADS data modeling.
  - Examination of zones of pervasive propylitic alteration to the northwest of MBX Zone is necessary to establish whether there is a correlation between propylitic alteration and change in metal ratios.
- **FUTURE FIELD WORK**
  - Future drill programs should employ a drill core orientation tool that is more efficient in blocky ground.
  - Re-logging selected holes stored in the core shack area is recommended in order to refine cross-cutting relationships between different sets of structures, identify possible controls over lateral zoning of metal ratios, and to better understand the sequence of alteration events affecting the different zones. This work should target reorganizing the chaotic core shack area.
- **POSSIBLE RESEARCH PROJECTS**
  - Attempt to discern generations/events of pyrite-carbonate alteration with the aim of identifying an optimal method to quantify syn-mineralization pyrite. This could involve petrographic, geochemical, SEM/microprobe, fluid inclusions, pyrite lead isotopes, cathodoluminescence studies, or other methods.
  - Examination of propylitic alteration in 66 Zone and comparison to other zones of intense propylitic alteration, aiming at establishing whether propylitic alteration constitutes a control over metal zonation, or whether propylitic alteration masks more subtle controlling factors. This should involve re-logging old drill core, and could make use of petrographic, geochemical, SEM/microprobe, fluid inclusions studies, or other research methods.

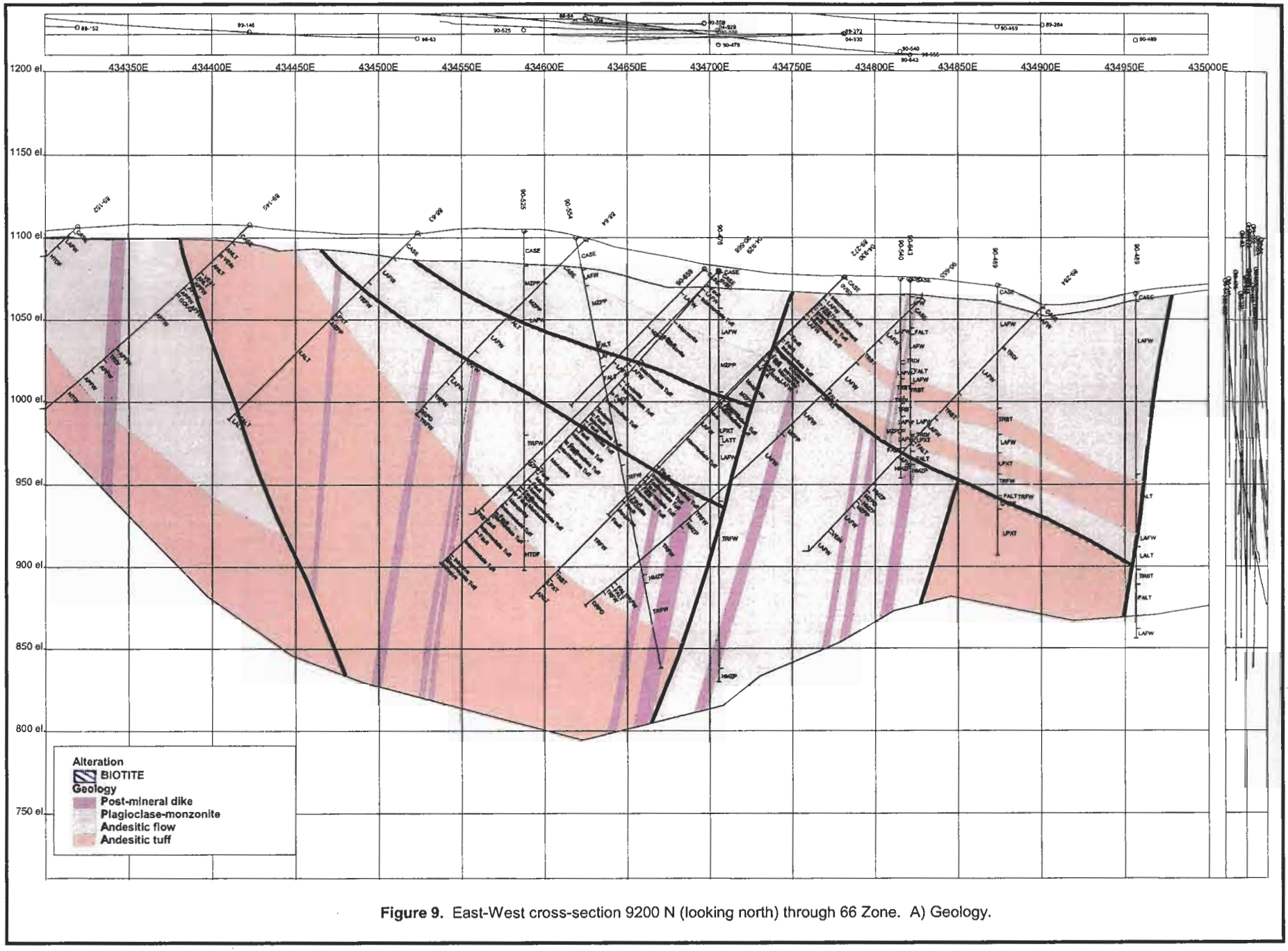


Figure 9. East-West cross-section 9200 N (looking north) through 66 Zone. A) Geology.

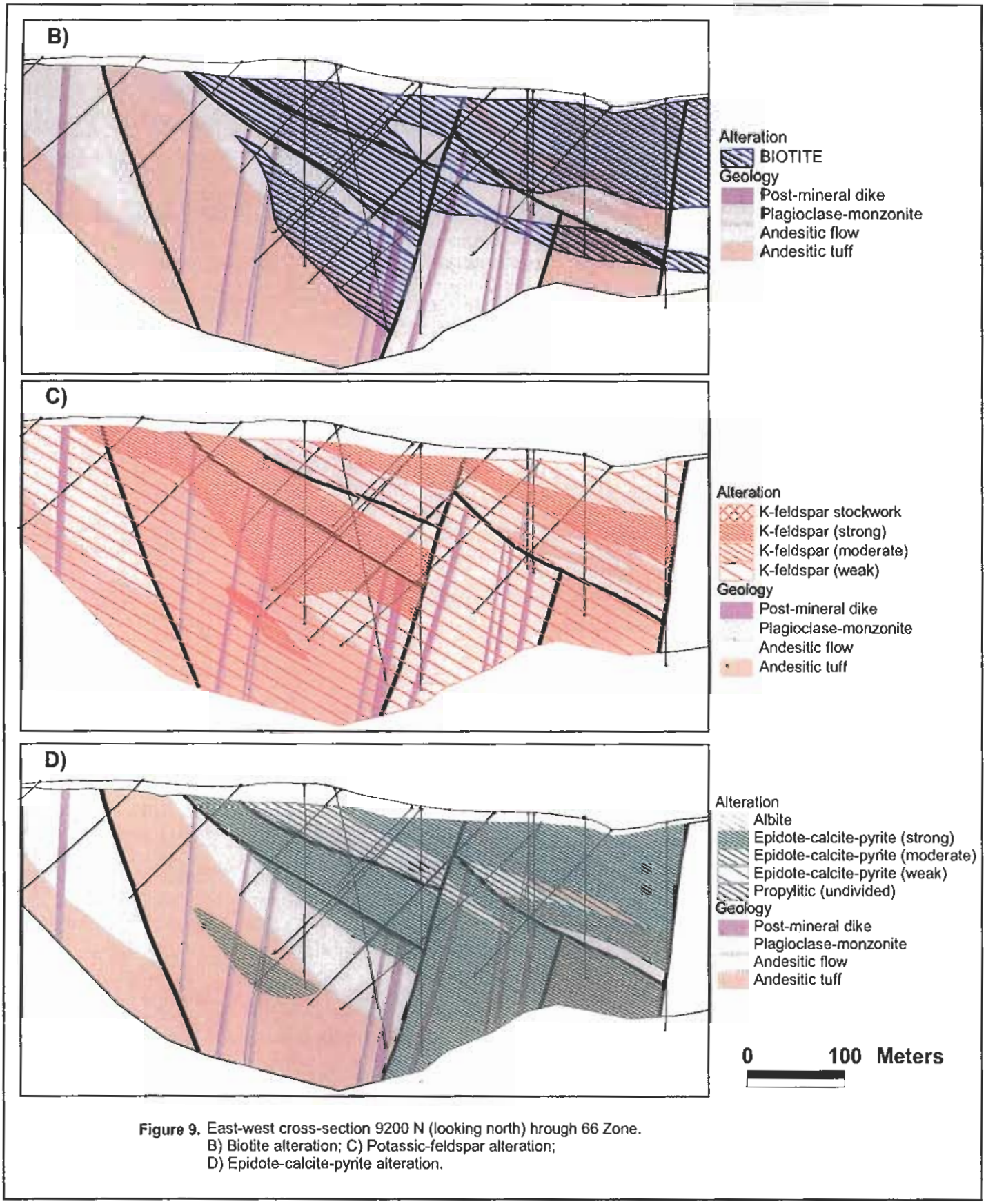


Figure 9. East-west cross-section 9200 N (looking north) hrough 66 Zone.
B) Biotite alteration; C) Potassic-feldspar alteration;
D) Epidote-calcite-pyrite alteration.

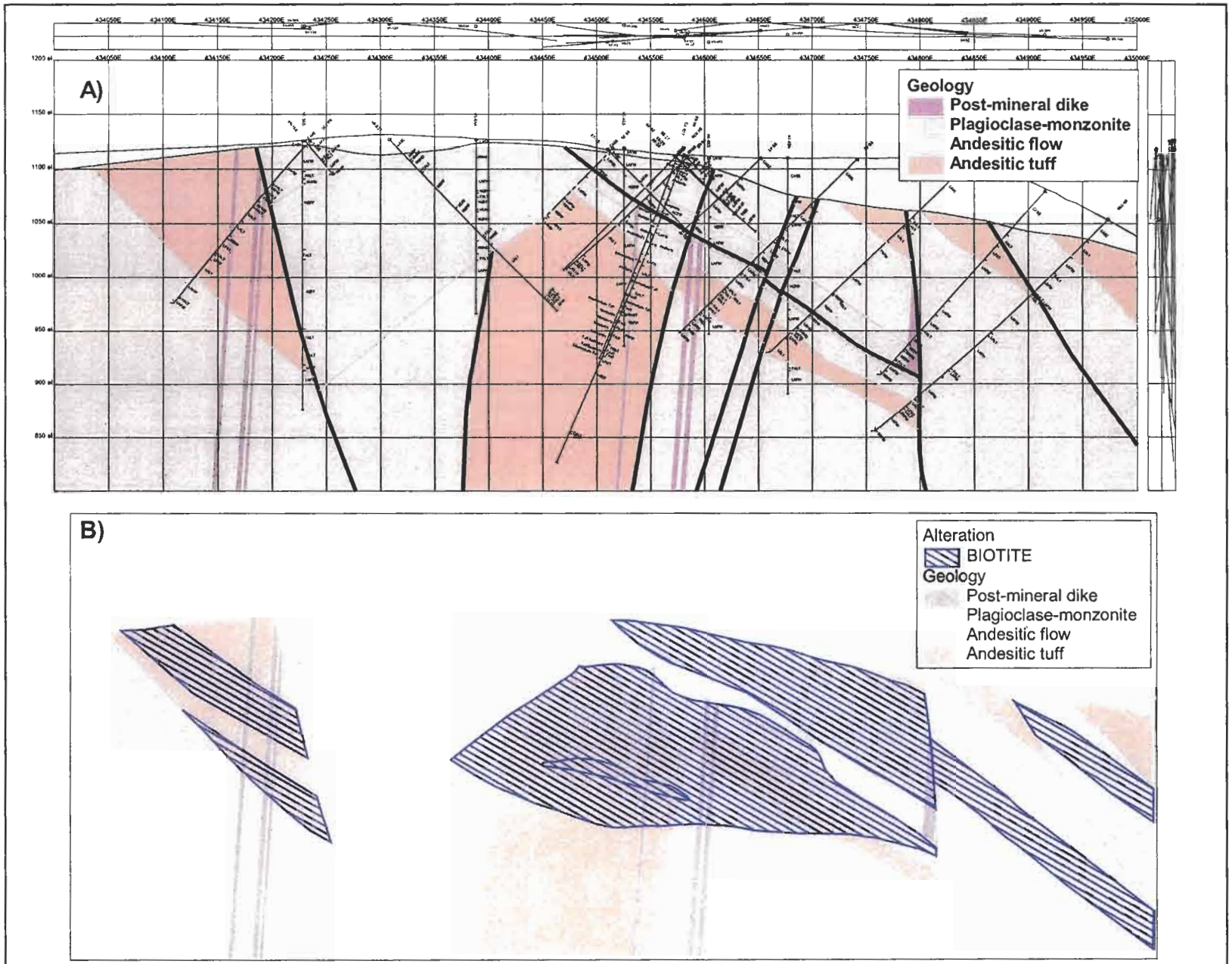


Figure 10. East-west cross-section 9400 N (looking north). through MBX Zone.
A) Geology; B) Biotite alteration.

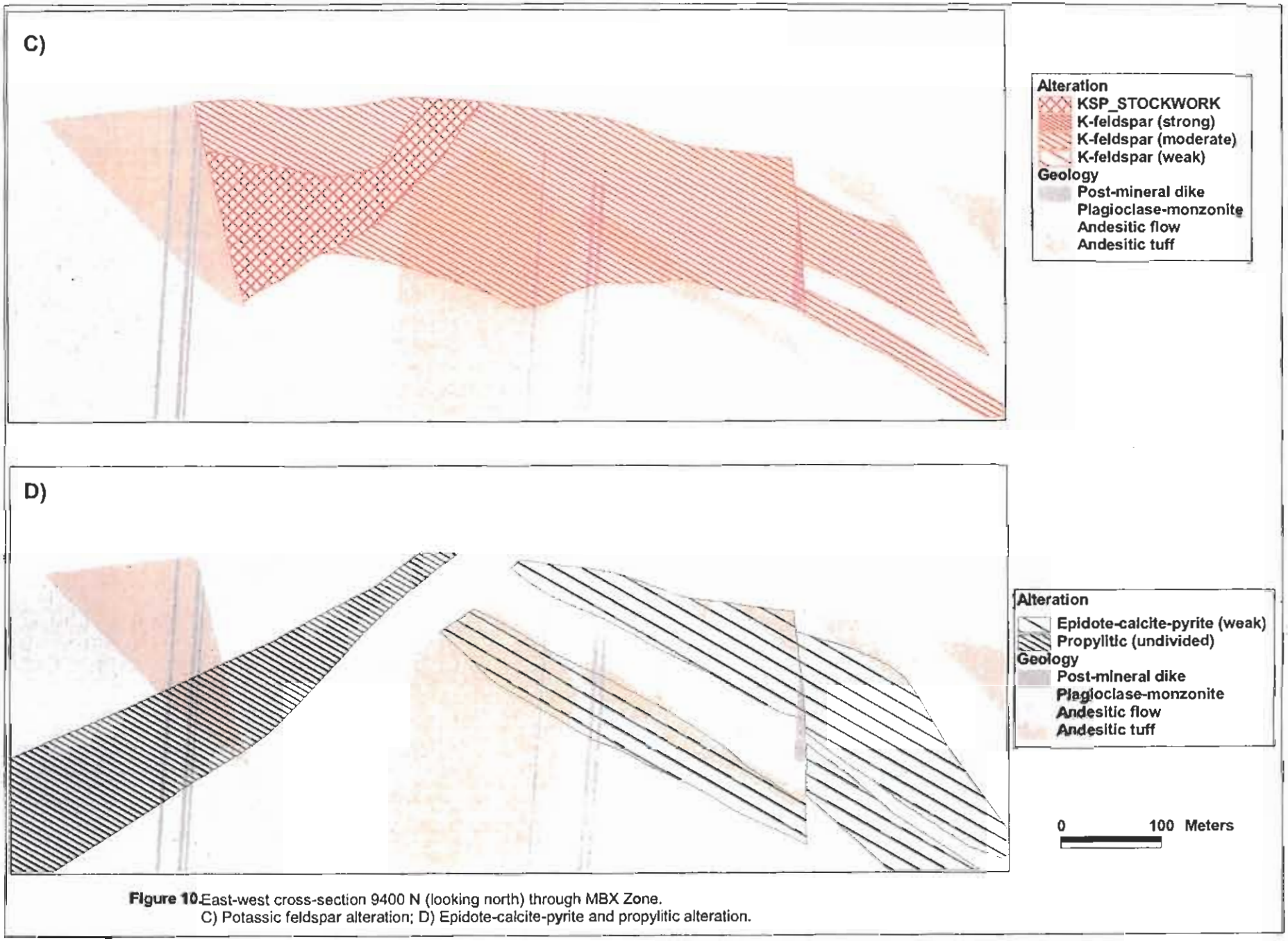


Figure 10. East-west cross-section 9400 N (looking north) through MBX Zone.
C) Potassic feldspar alteration; D) Epidote-calcite-pyrite and propylitic alteration.

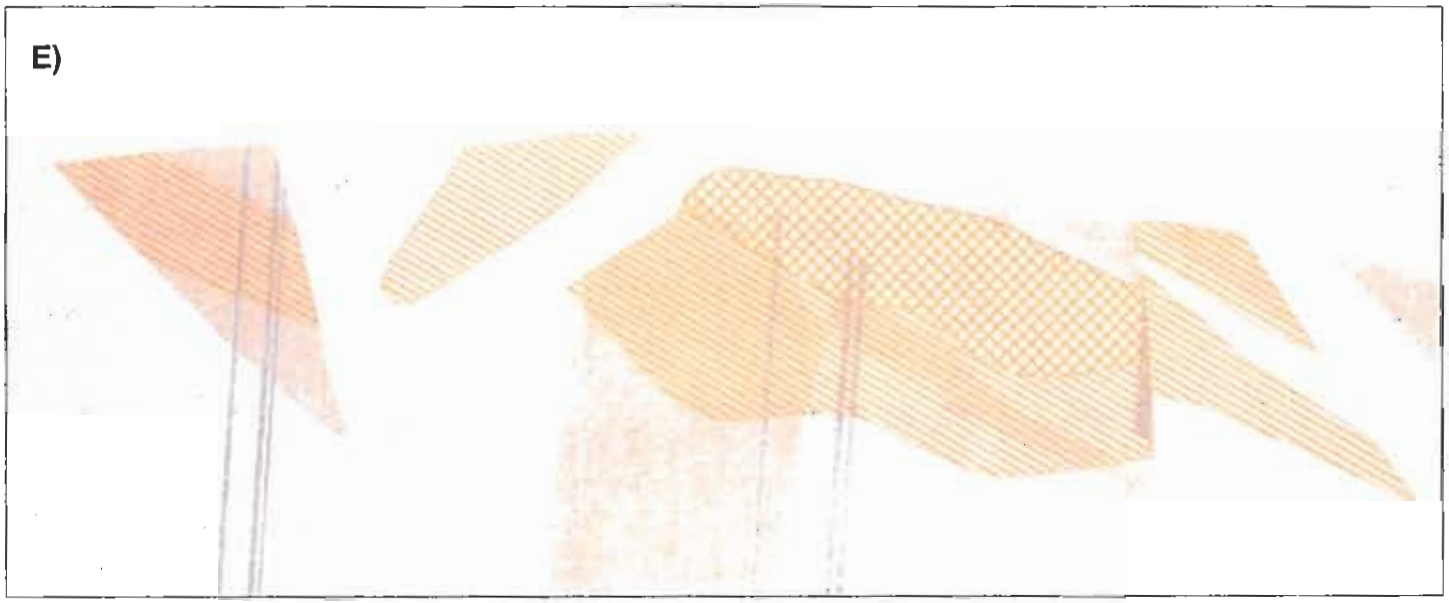


Figure 10. East-west cross-section 9400 N (looking north) through MBX Zone. E) Calcite alteration.

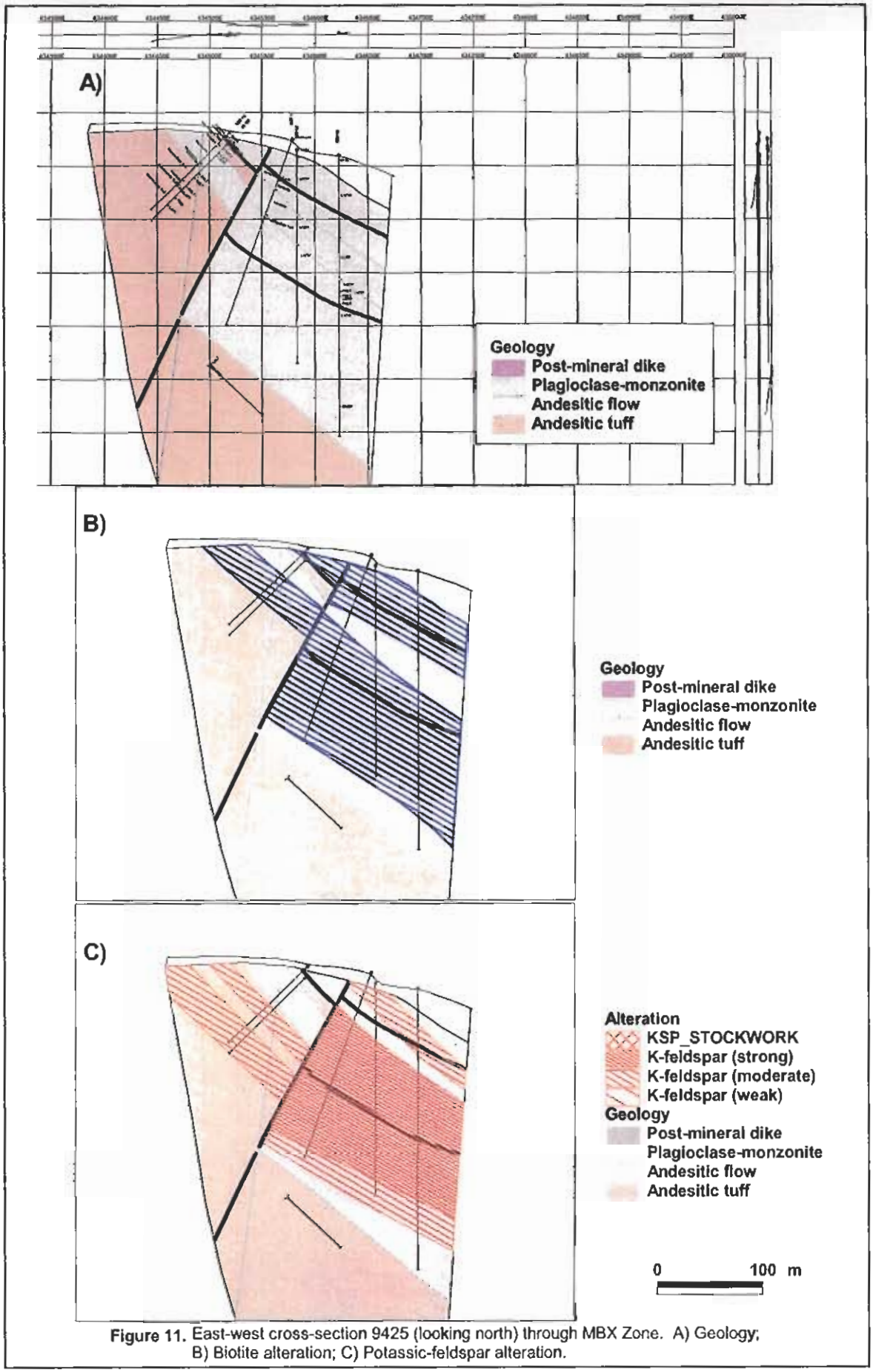
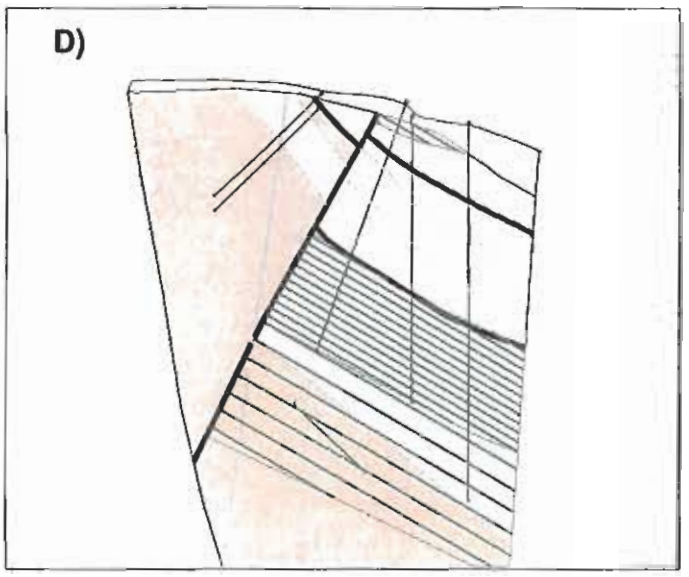
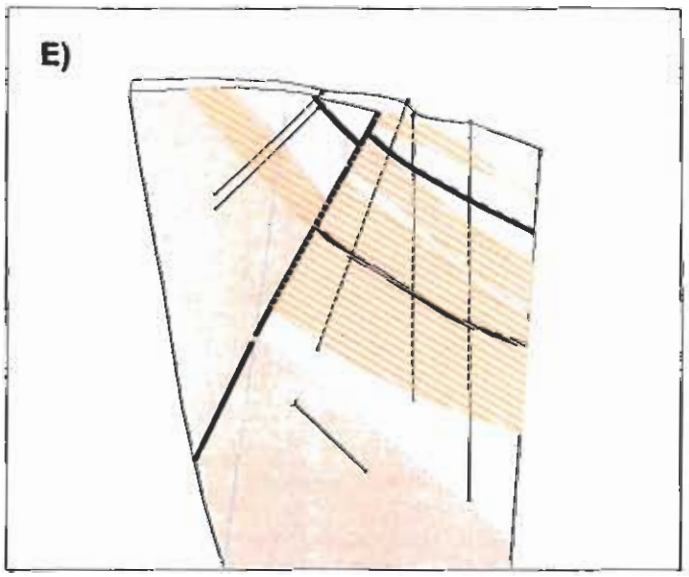


Figure 11. East-west cross-section 9425 (looking north) through MBX Zone. A) Geology; B) Biotite alteration; C) Potassic-feldspar alteration.





Alteration
Albite
Epidote-calcite-pyrite (strong)
Epidote-calcite-pyrite (moderate)
Epidote-calcite-pyrite (weak)
Propylitic (undivided)
Geology
Post-mineral dike
Plagioclase-monzonite
Andesitic flow
Andesitic tuff

Alteration
Calcite
Calcite stockwork
Geology
Post-mineral dike
Plagioclase-monzonite
Andesitic flow
Andesitic tuff

0 100 m

Figure 11. East-west cross-section 9425 N (looking north) through MBX Zone.
D) Epidote-calcite-pyrite alteration; E) Calcite alteration.

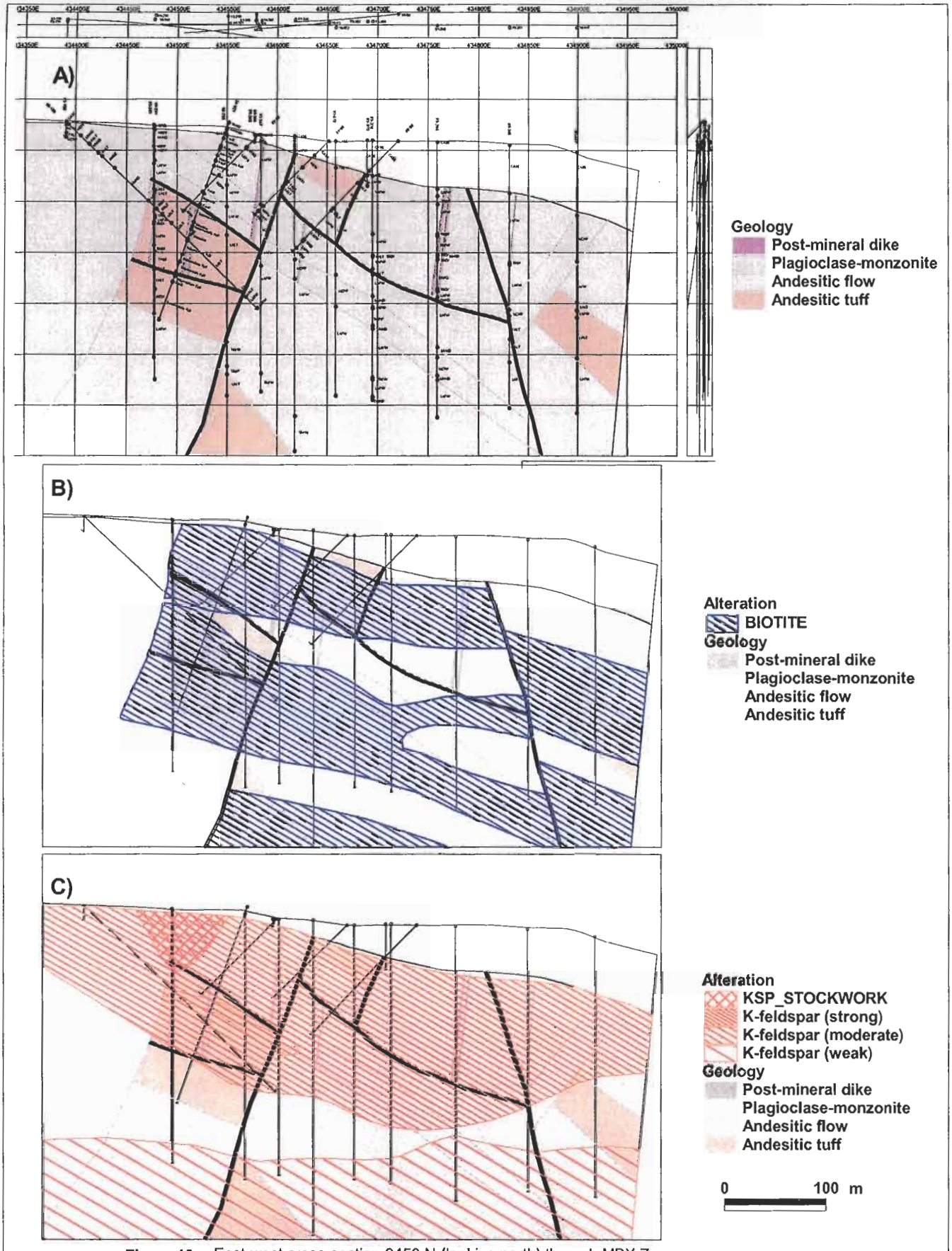


Figure 12. East-west cross-section 9450 N (looking north) through MBX Zone. A) Geology; B) Biotite alteration; C) Potassic-feldspar alteration.

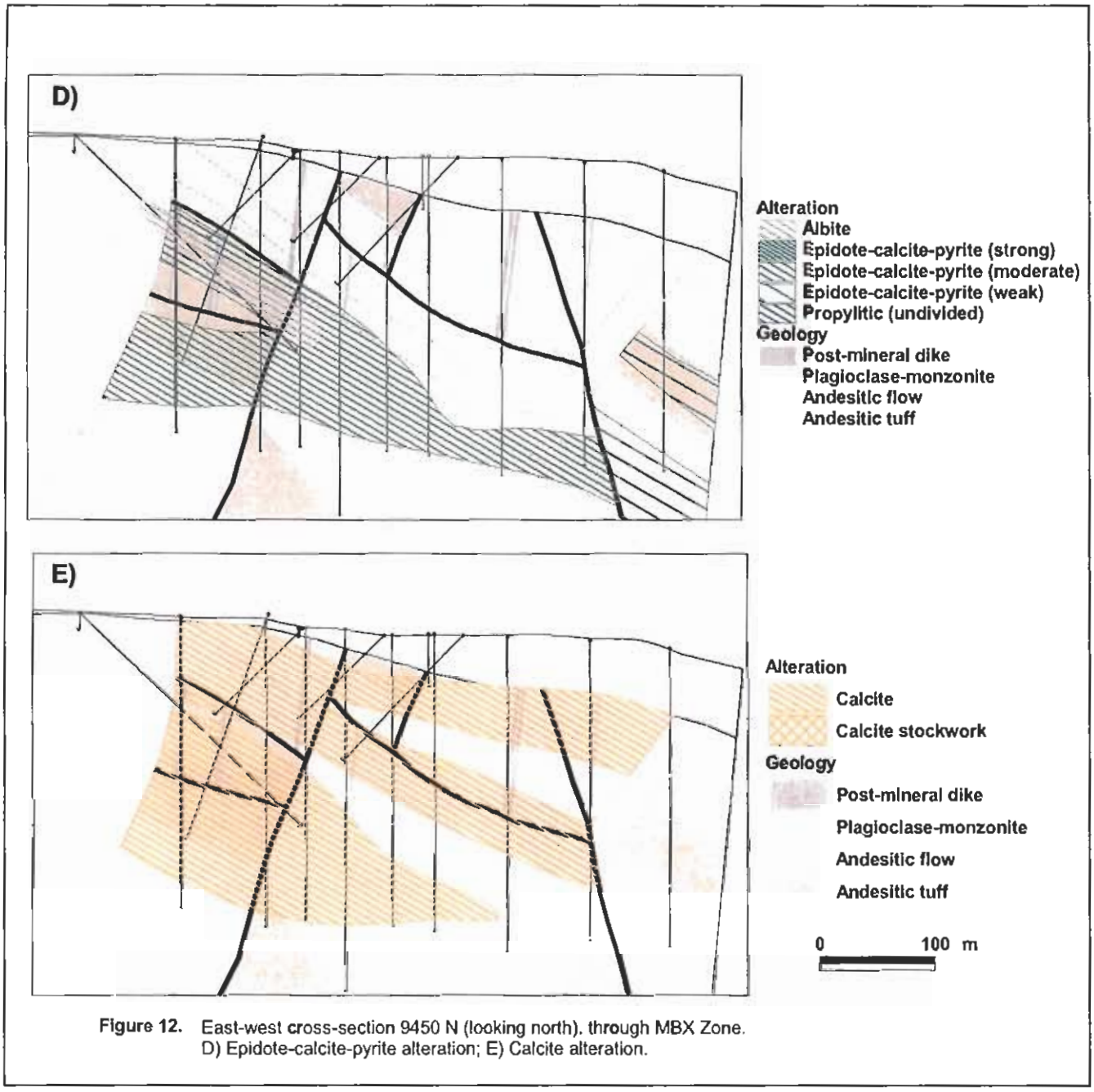


Figure 12. East-west cross-section 9450 N (looking north), through MBX Zone. D) Epidote-calcite-pyrite alteration; E) Calcite alteration.

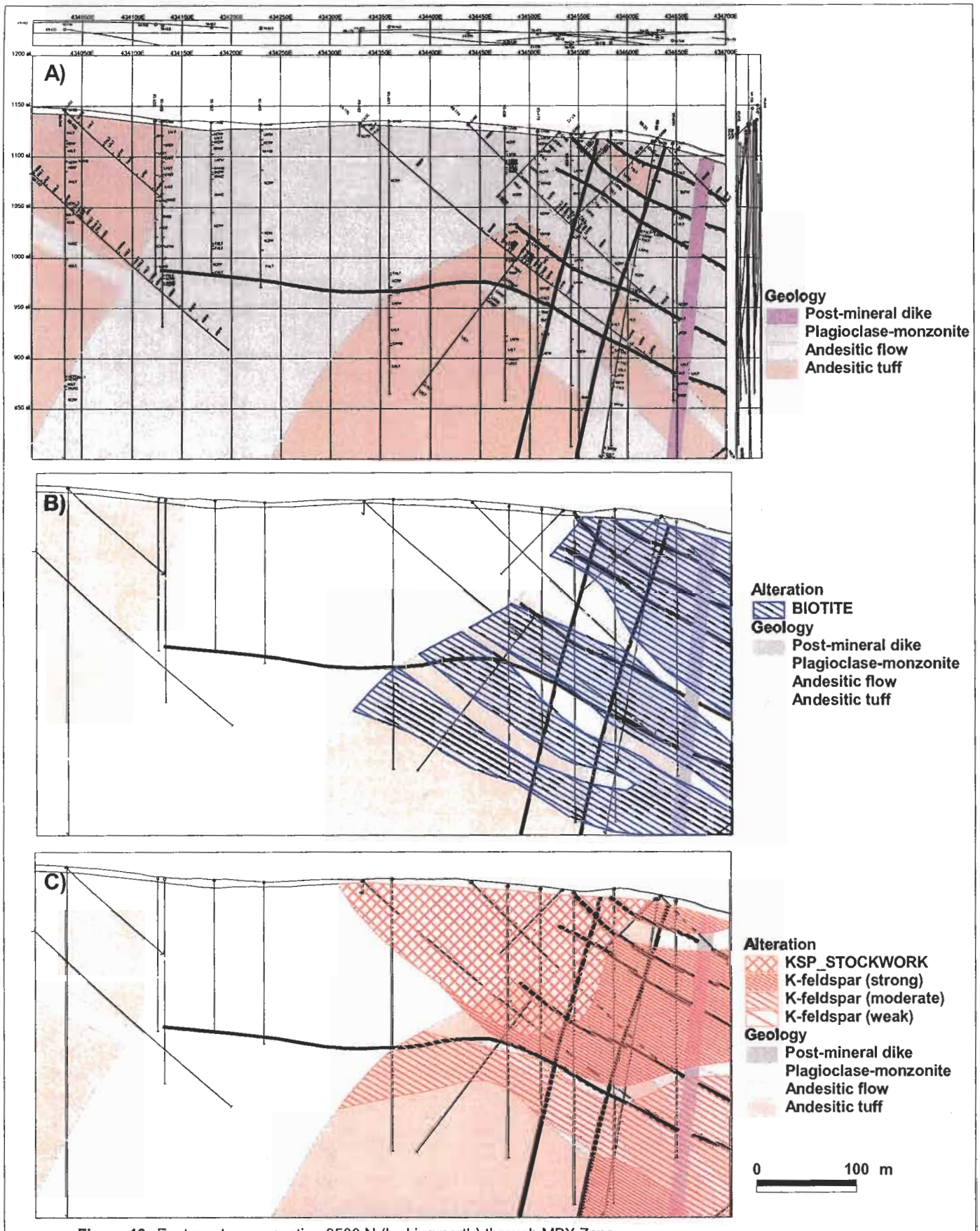


Figure 13. East-west cross-section 9500 N (looking north) through MBX Zone.
A) Geology; B) Biotite alteration; C) Potassic-feldspar alteration.

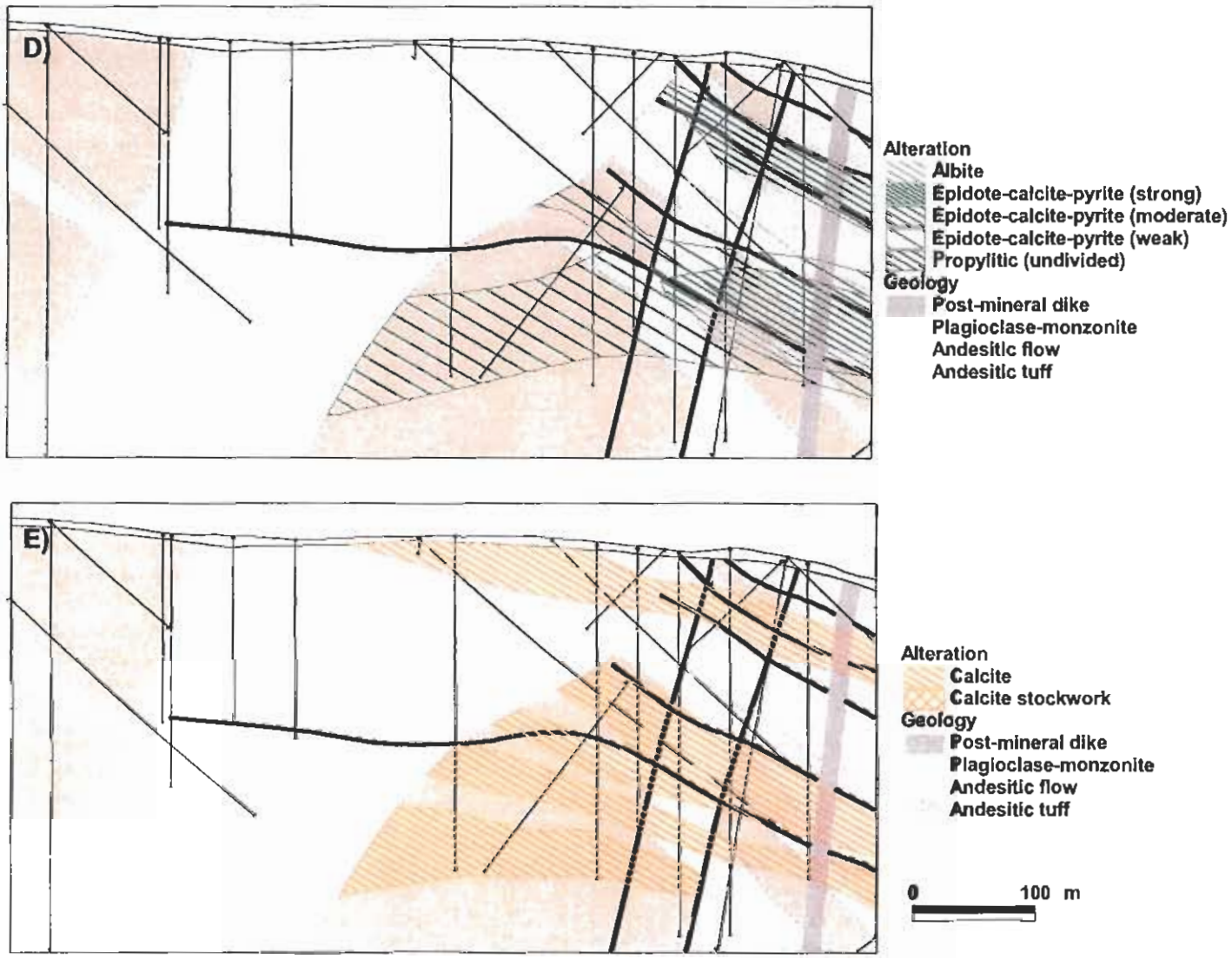


Figure 13. East-west cross-section 9500 N (looking north) through MBX Zone.
D) Epidote-calcite-pyrite alteration; E) Calcite alteration.

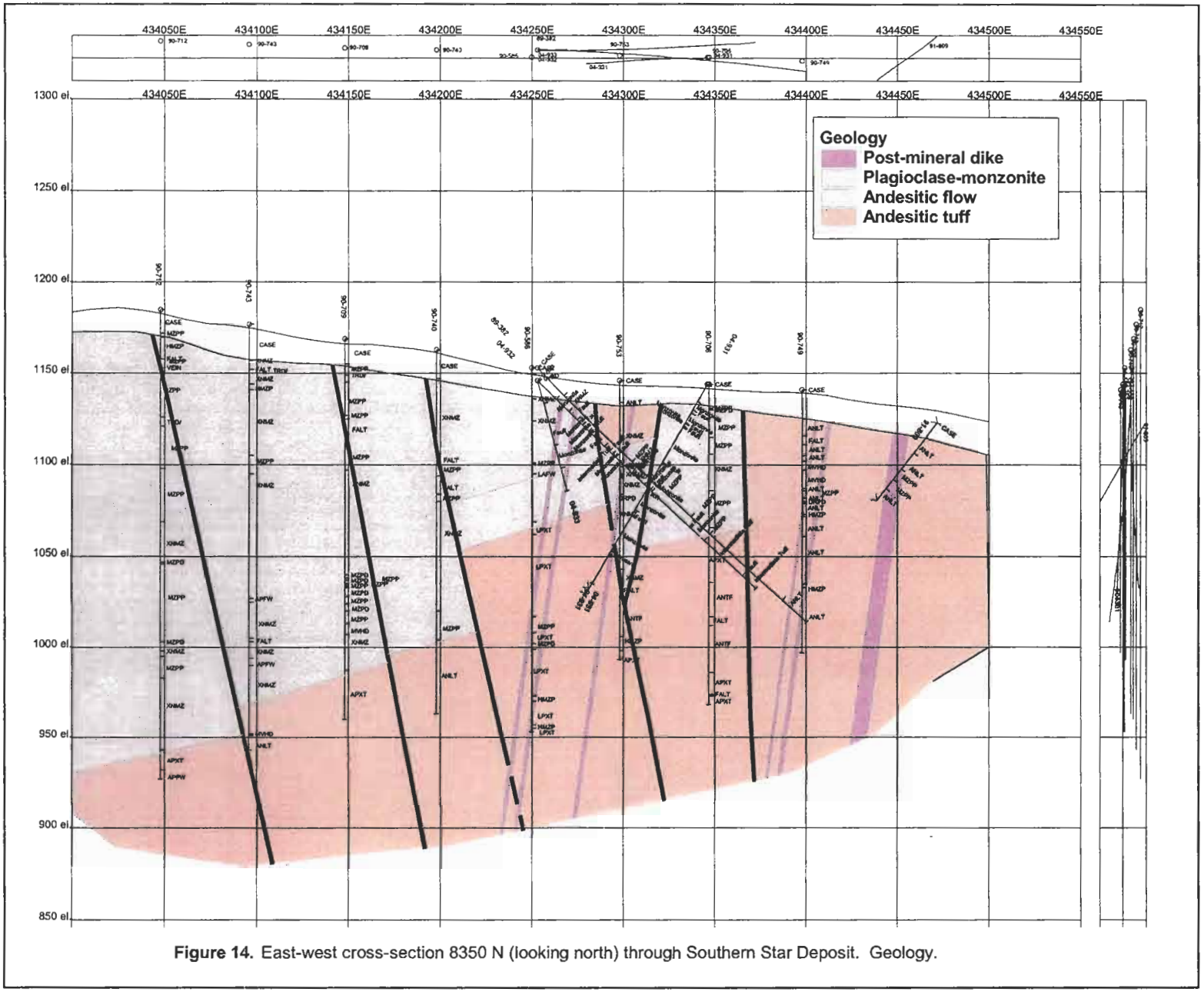
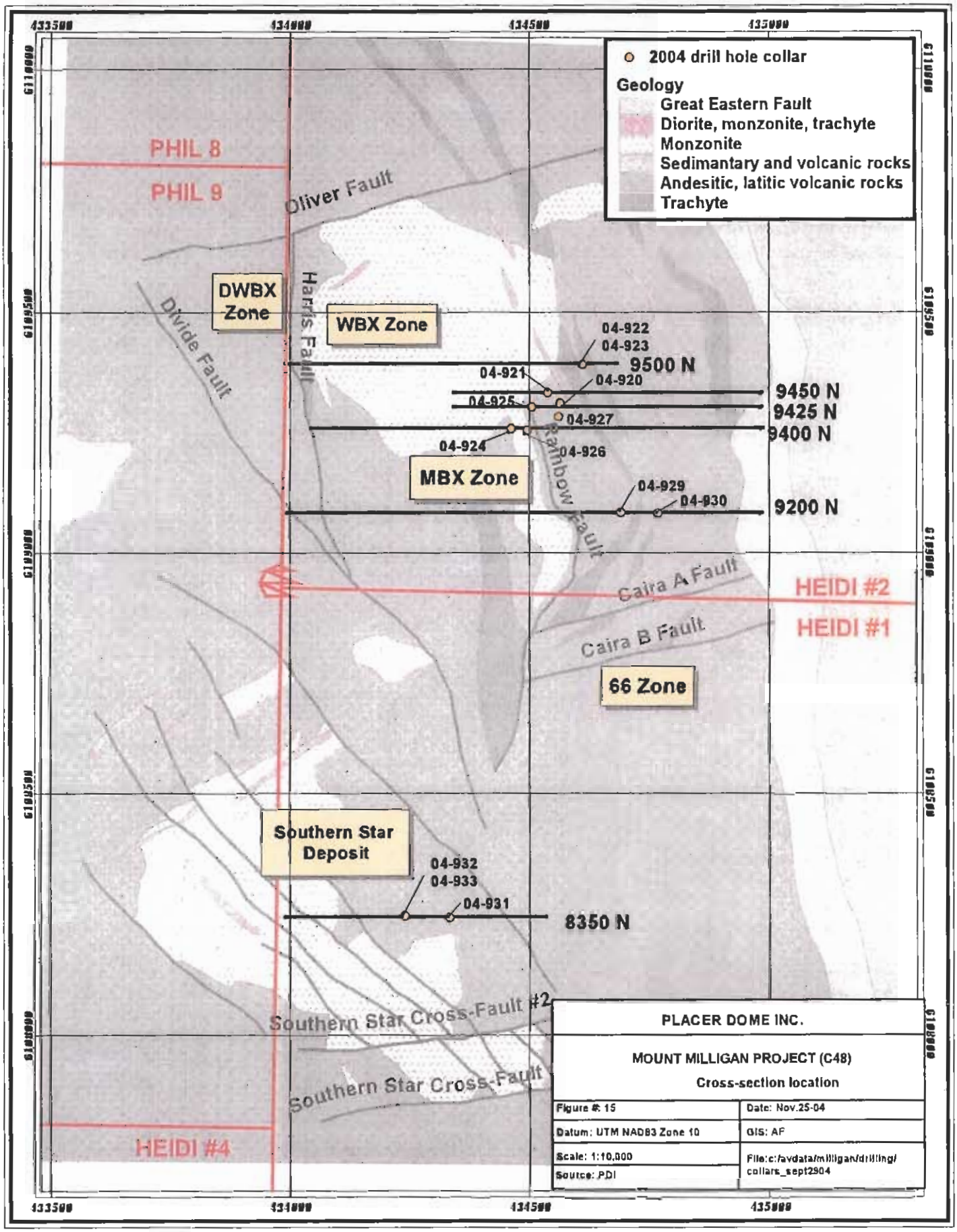
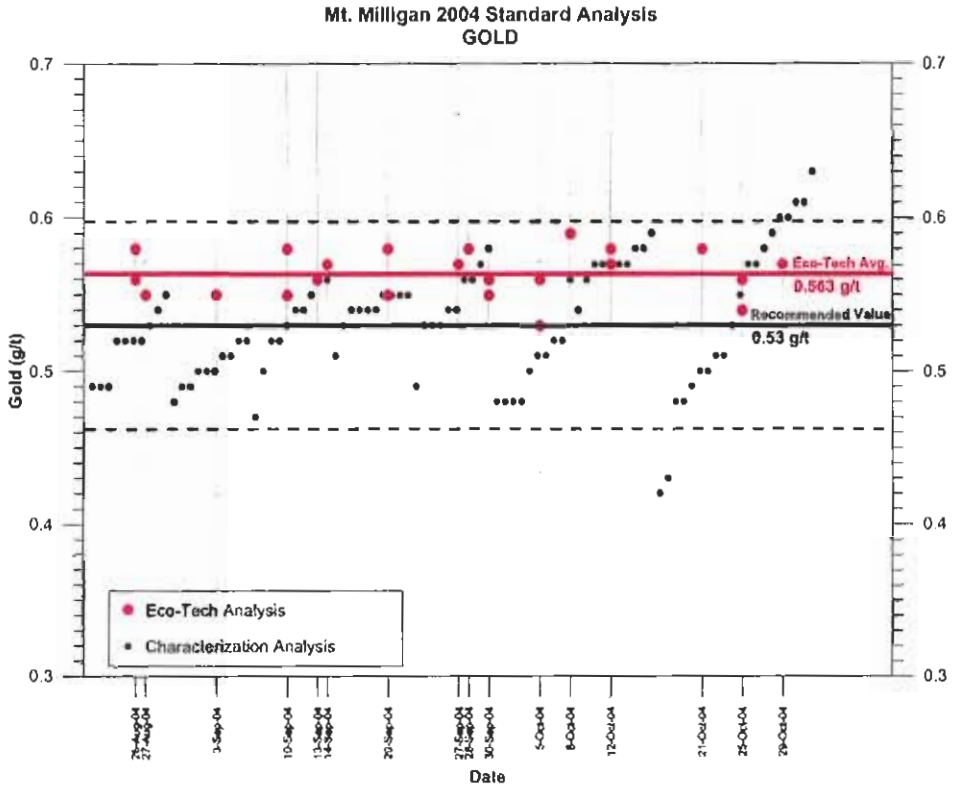


Figure 14. East-west cross-section 8350 N (looking north) through Southern Star Deposit. Geology.


2004 drill hole collar
Geology
Great Eastern Fault
Diorite, monzonite, trachyte
Monzonite
Sedimantary and volcanic rocks
Andesitic, latitic volcanic rocks
Trachyte
PHIL 8
PHIL 9
Oliver Fault
DWBX Zone
Harris Fault
Divide Fault
WBX Zone
04-922
04-923
9500 N
04-921
04-920
9450 N
04-925
9425 N
04-927
9400 N
04-924
04-926
Rainbow Fault
MBX Zone
04-929
04-930
9200 N
Caira A Fault
HEIDI #2
HEIDI #1
Caira B Fault
66 Zone
Southern Star Deposit
04-932
04-933
04-931
8350 N
Southern Star Cross-Fault #2
Southern Star Cross-Fault
HEIDI #4
PLACER DOME INC.
MOUNT MILLIGAN PROJECT (C48)
Cross-section location
Figure #: 15
Date: Nov.25-04
Datum: UTM NAD83 Zone 10
GIS: AF
Scale: 1:10,000
File:c:/avdata/milligan/drilling/collars_sept2904
Source: PDI



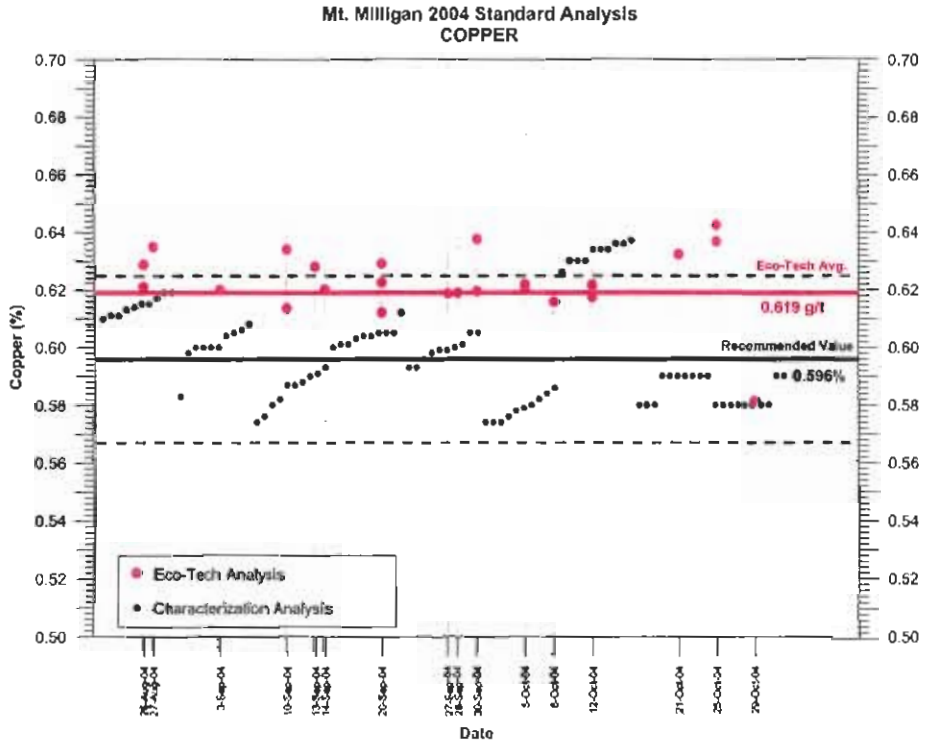


Figure 16. a) Gold fire assay analyses of standard CGS-1; b) Copper ICP analyses of standard CGS-1. Analyses from the 9 laboratory round-robin used to characterize the standard are plotted in black. Analyses from the 2004 Mt. Milligan drill program are plotted in red.

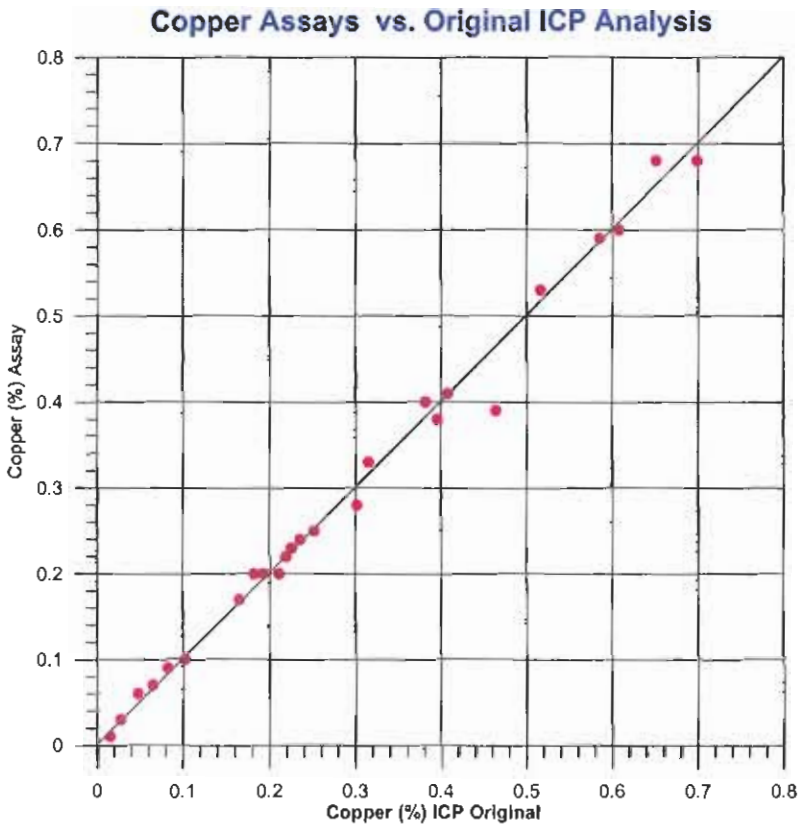


Figure 17. Comparisson of copper ICP versus assay analyses in samples that yielded >7,000 ppm in ICP.

Statement of Expenditures

Drilling			
02	Contract Labour	$29,010	
03	Consultants	$66,017	
09	Drilling	$268,781	
16	Equip. Rental & Storage	$2,695	
31	Accommodation	$113	
33	Vehicle Expense	$8,839	
35	Communications	$2,318	
36	Postage	$478	
46	Field Supplies	$6,495	
	Sub total		$384,746
Sampling/Assaying			
12	Freight	$7,948	
14	Lab Work	$36,637	
30	Food/Meals/Entertain	$21	
	Sub total		$44,606
Preparatory/Physical			
09	Dozing	$9,690	
04	Legal survey	$5,381	
	Sub total		$15,071
	Total		**$444,423**

STATEMENT OF QUALIFICATIONS

I, Anna Fonseca, certify that:

1. I have been involved in geological mapping and mineral exploration in British Columbia, Yukon, Alaska, Russia, and Mexico since 1994.

2. I am a graduate of the University of Alaska Fairbanks with a Degree in Geology (B.Sc., 1993) and I obtained a Masters of Science degree from the University of British Columbia in mineral exploration (M.Sc., 1998).

3. I have been working as a Geological Consultant for Placer Dome Inc. since May 2004.

4. I am the author of all sections of this report on Placer Dome Inc.'s Mount Milligan Property.

5. I was directly involved in the 2004 diamond drilling program in Mount Milligan.

6. I have no direct or indirect interest in the properties or securities of Placer Dome Inc., or affiliated companies, nor do I expect to acquire such interest.

APPENDICES

APPENDIX I – TABULATED DRILL HOLE COLLAR INFORMATION

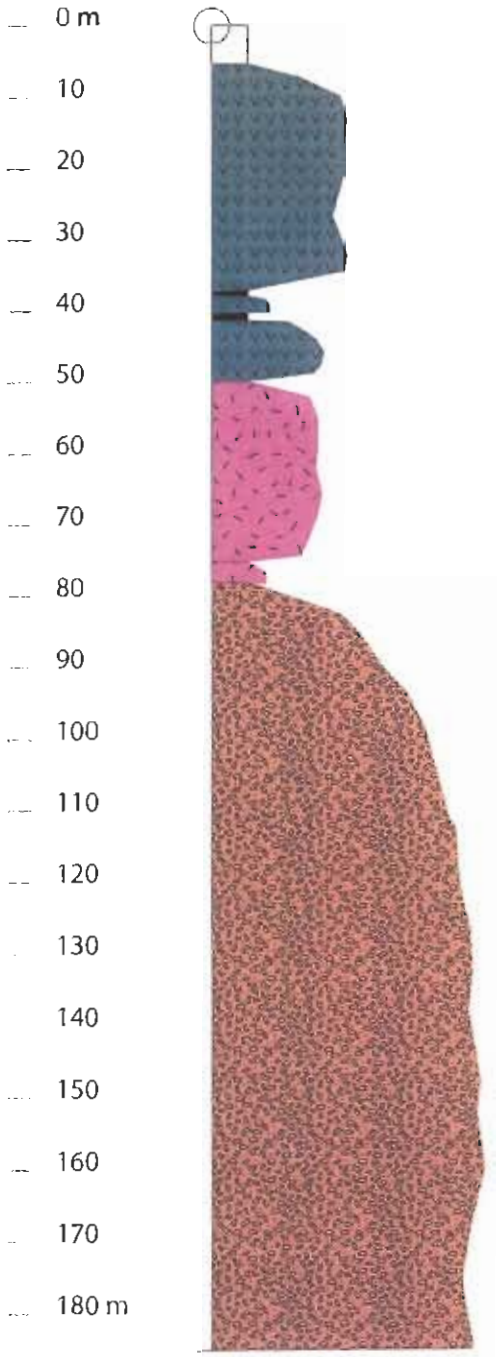
Drill Hole	UTM East	UTM North	Elevation	Depth	Azimuth	Dip	Core diameter
04-920	434580.0	6109276.3	1116.8	185	270	-70	NQ-2
04-921	434544.6	6109303.5	1121.6	205	270	-70	NQ-2
04-922	434623.1	6109361.6	1117.0	124	270	-45	NQ-2
04-923	434623.1	6109361.6	1117.0	221	270	-80	NQ-2
04-924	434473.6	6109227.0	1120.9	92	270	-70	NQ-2
04-925	434519.8	6109257.1	1120.5	104	270	-45	NQ-2
04-926	434515.3	6109241.8	1121.0	98	270	-45	NQ-2
04-927	434577.8	6109249.1	1113.2	202	270	-70	NQ-2
04-928	434577.8	6109249.1	1113.2	153	270	-45	NQ-2
04-929	434690.8	6109048.3	1083.4	245	270	-50	NQ-2
04-930	434783.0	6109041.8	1078.2	203	270	-50	NQ-2
04-931	434366.7	6108207.7	1144.1	126	270	-60	NQ-2
04-932	434245.8	6108211.1	1155.3	165	90	-45	NQ-2
04-933	434245.8	6108211.1	1155.3	62	90	-75	NQ-2

APPENDIX II – DRILL HOLE GRAPHIC AND DESCRIPTIVE LOGS

DD 04-920

Project: Mt. Milligan (C48)
Zone: MBX9425
Start Drill: July 25-04
End Drill: July 30-04
Drilled by: Agressive
Depth: 185.01 **Azimuth:** 270 **Dip:** -70 **E:** 434579.98 **N:** 6109276.32 **RL:** 1116.8
Sample Sequence: B093001 to B093101

Site #: 9 **Twinning:** 90-639
Section N:
Start Log: July 26-04
End Log: Aug.1-04
Logged by: AF



Placer Dome Inc.

Mt. Milligan Project

From	To	Struct	Int

04-920

LAFW **From (m)** 7.01 **To (m)** 49.7 **Litho1** V2J **Colour1** N **Int1** 4 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** vfg

Comments Blk, pv cc altered, md-st ksp altered, porphyritic augite-phyric andesite. Cc-sc+/-chl-py replacing augite phenocrysts. Local py+/-ep replacing phenocrysts. Groundmass is black, aphanitic to very fine grained, and contains mt. Md-st magnetic.

From	To	Struct	Int
13.91	14.52	fa	3
37.03	38.02	fa	3

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Min1	How	Ks Int	How
B093001	7.01	9					7	di	4	fg	HM	di	5	by
B093002	9	11			1	di	10	di	5	fg	HM	di	2	by
B093003	11	13			1	di	10	di	5	fg	HM	di	3	vn
B093004	13	13.91				di	5	di	4	fg	HM	di	1	
B093005	13.91	14.52					10	di	4	fg	HM	di	3	by
B093006	14.52	16					7	di	3	fg	HM	di	3	by
B093007	16	18					5	di	3	fg	HM	di	3	by
B093008	18	20					7	di	4	fg	HM	di	3	by
B093009	20	22					7	di	4	fg	HM	di	3	by
B093010	22	24												
B093011	24	26												
B093012	26	28												
B093013	28	30			1	by	20	by	1				3	ma
B093014	30	32			1	by	20	by	1				3	ma
B093015	32	34			1	by	20	by	1				3	ma
B093016	34	36			1	by	20	by	1				3	ma
B093017	36	37.03			1	by	20	by	1				3	ma
B093018	37.03	38.02			1	by	20	by	1				3	ma
B093021	38.02	40			1	by	20	by	1				3	ma
B093022	40	42			1	by	20	by	1				3	ma
B093023	42	44			1	by	20	by	1				3	ma
B093024	44	46			1	by	20	by	1				3	ma
B093025	46	48			1	by	10	di	4	fg	HM	di	2	ma
B093026	48	49.27			1	by	20	by	1				3	ma

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
vn	2	ve		4	by					2	by			
				4	by					2	by			
	2	ve		5	by					4	by			
	3	ve		5	by					4	by			
	2	by		5	by					3	by			Ksp-chl-cc bx surrouning ft zones.
	2	by		5	by					2	by			
	2	by		5	by					2	by			
	2	by		5	by					4	by			
	2	by		5	by					2	by		1109	
	4	by					5	ma						
	4	by					5	ma						
	4	by					5	ma						
	4	by					5	ma						
	4	by					5	ma						
	4	by					5	ma						
	4	by					5	ma						
	4	by					5	ma						
	4	by					5	ma						
	4	by					5	ma						
	4	by					5	ma						
	3	by		5	by					1	by		1110	Local small scale dextral displacement indicators.
	4	by					5	ma						

From	To	Struct	Int
40	41.98		3
49.72	49.72	cn	4

HMZP From (m) 49.72 To (m) 75 Litho1 I2F Colour1 A Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Rainbow Dike. Lt-md gray, md-grained bt-plag-monzonite. 15-20% bt. Ksp altered zones surrounding fractures. Sx replaces 1mary bt. Groundmass varies from lt gr to pk-gr, depending on Ksp amount.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks Int	How
B093028	51	53			3	di	5	di					3	vn
B093029	53	55			1	di	3	di					3	ma
B093031	55	57			3	di	5	di					4	ma
B093032	57	59			3	di	5	di					5	ma
B093033	59	61			3	di	1	di					5	ma
B093034	61	63			5	di	3	di					5	ma
B093035	63	65			3	di	5	di					5	ma
B093036	65	67			5	di	3	di					5	ma
B093037	67	69			3	di	3	di					5	ma
B093038	69	71			5	di	3	di					3	ma
B093039	71	73			3	di	1	di					2	ma
B093040	73	75			1	di	1	di					5	ma

From	To	Struct	Int
49.72	49.72	cn	4

MVHD From (m) 75 To (m) 78.0 Litho1 V2J Colour1 N Int1 4 % Mix 50 Litho2 I2F Colour2 A Int2 2 Grain Size vfg

Comments Contact zone between plag porph dike and andesitic flow. Lithologies are unclear.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks Int	How
B093041	75	77			1	di	5	di					3	ma

HTDF From (m) 78.03 To (m) 185 Litho1 X2D Colour1 N Int1 4 % Mix 95 Litho2 V2J Colour2 S Int2 4 Grain Size vfg

Comments Dark grey to salt and pepper coloured, coarse grained lapilli-to block and ash-tuff, with local porphyritic augite-phyric flow intervals <1 m. Unclear contact with overlying Rainbow Dike.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks Int	How
B093043	79	81			7	di	15	di	2	di			5	ma
B093044	81	83			5	di	15	di	2	di			4	ve
B093045	83	85			3	di	10	di	2	di			4	ve
B093046	85	87			3	di	25	di	1	di			2	ve

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
ma	2	di		2	ve									
	2	di		2	ve									
				2	ve									Strong kps+silica alteration (flooding and stringer stockwork)
	3	fg		2	ve		4	ma					1115	Pv ksp+silica flooding and local bx
	3	fg		2	ve		4	ma						
				2	ve		4	ma						
				2	ve									Blk stubby prismatic mineral agglomerates assoc w/ cpy.
				1	ve									Qz vn brecciating dike.
														Recrystallized zones with polygonal qz surrounding chl strgrs.
	2	ve		2	ve		3	ma						
				2	ve		3	ma						
	4	fg		2	ve		3	ma					1126	Py-rich interval.
ma	4	fg		2	ve		3	ma						Local st chl-ksp-bt zones of intense qz-ksp stockwork.
	3	fg		2	ve									
	3	fg		4	ve									

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Min1	How	Ks	Int	How
				B093047	87	89			5	di	15	di	1	di			2		ve
				B093048	89	91			5	di	30	by	1	di					
				B093049	91	93			25	di	30	by	1	di			3		ma
				B093050	93	95					7	di	1	di			4		ma
				B093051	95	97			7	di	5	di	1	di			4		ma
				B093052	97	99			5	di	5	di	1	di			4		ma
				B093053	99	101			1	di	3	di	1	di			5		ma
				B093054	101	103			1	di	10	di	1	di			4		ma
				B093055	103	105			1	di	7	di	1	di			4		ma
				B093056	105	107				di	3	di	1	di			4		ma
				B093057	107	109			1	di	3	di	1	di			4		ma
				B093058	109	111			3	di	10	di	1	di			4		ma
				B093061	111	113			1	di	2	di	1	di			3		ma
				B093062	113	115			1	di	7	di	1	di			3		ma
				B093063	115	117			1	di	1	di	1	di			3		ma
				B093064	117	119			1	di	1	di	1	di			5		ma
				B093065	119	121			3	by	5	by	1	di			5		ma
				B093066	121	123			1	by	1	by	1	di			5		ma
				B093067	123	125			1	by	1	by	1	di			5		ma
				B093068	125	127			1	di		di	1	di			5		ma
				B093069	127	129			5	di	10	di	1	by			5		ma
				B093071	129	130			1	di			1	by			5		ma
				B093072	130	132							1	by			5		ma
				B093073	132	134					1	di	1	di			5		ma
				B093074	134	136			5	di	7	di					5		ma
				B093075	136	138			3	di	7	di					4		ma
				B093076	138	140			1	di	10	di	1	di			3		ma
				B093077	140	142					1	di	1	by			2		ma
				B093078	142	144			1	by	3	di	1	by			3		ma
				B093079	144	146			3	di	7	di	1	by			3		ma
				B093080	146	148			1	di	10	di	1	di			3		vn
				B093081	148	150			3	by	10	by	1	di			3		vn
				B093082	150	152			5	by	15	by	1	di			4		vn
				B093083	152	154			5	by	15	by	1	di			4		ma

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	2	fg		4	ve									
	2	fg		4	ve									
	3	fg		4	ve								1127	
	2	fg		3	ve									Intvls of v. broken core <20 cm.
	3	fg		3	ve									broken core intvls <20 cm.
	3	fg		2	ve									Local wk bx'd by cc-qz
	3	fg		2	ve									
	2	fg		4	by									
	4	fg		4	by									
	1	fg		4	ve									
	2	fg		3	by									
	3	by		3	by									
	3	by		4	by									
	3	by		4	by									
	2	by		4	by					1				Flt w/ clay at 116.4m.
	1	by		4	by								1128	
	2	by		4	by									
	2	by		4	by									
	2	by		4	by									
	2	by		4	by									
	3	by		4	by									Sx-rich section @127.29-127.72.
	4	by		4	by									
	5	by		3	ve									
	5	by		3	ve									Bk core: 132.9-133.6m.
	5	by		3	ve					4	by		1129	
	5	by		3	by					4	by			Bk core: 137.18-138.37
	3	by		3	by					4	by			
	2	by		3	by					2	by			Flow horizon approx 1.3 m thick.
	3	by		4	by					4	by			
	3	by		4	by					4	by			
	2	by		4	by					4	by			
	2	by		4	by					4	by		1130	
	3	by		4	by					4	by			
	3	by		4	by					1	by			

From	To	Struct	Int
107.5	107.8	fa	4
109.65	109.8	fa	4
116.4	116.4	fa	4
119.81	120.0	fa	3
132.9	133.6	fa	3
137.18	138.3	fa	3
81.8	82.61	fa	3
94.95	95	fa	4

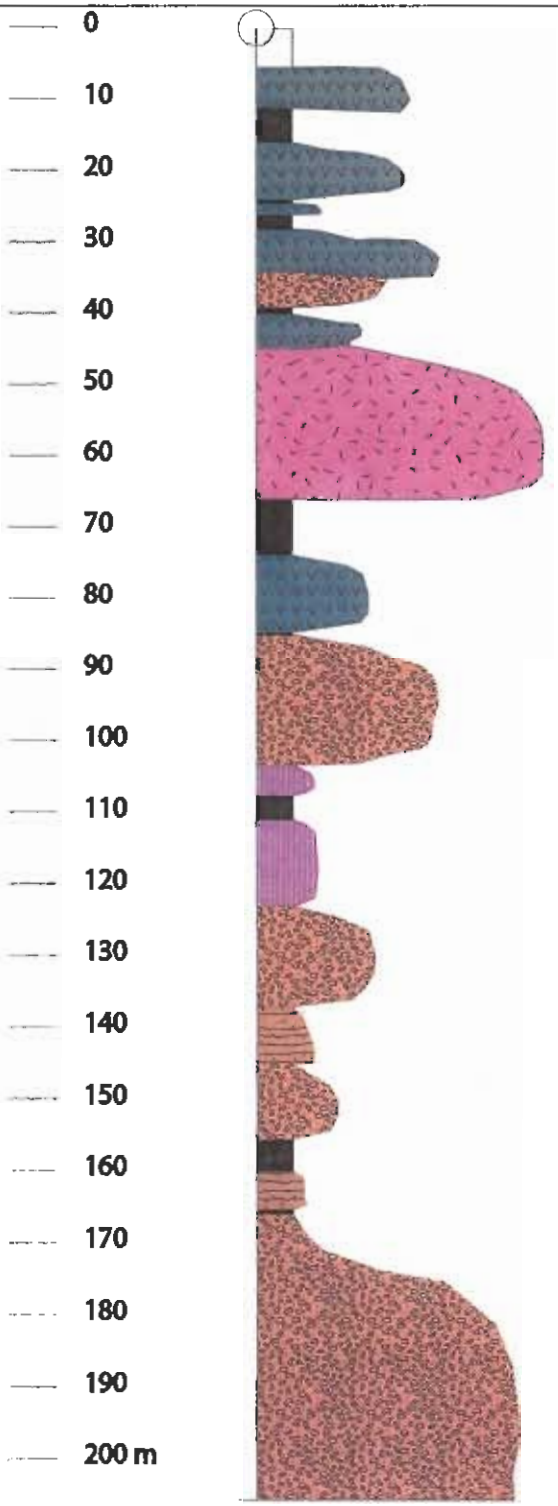
Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mtn1	How	Ks	Int	How
B093084	154	156			5	by	10	by	1	di			4		ma
B093085	156	158			7	by	10	by	2	di			3		ma
B093086	158	160			3	di	5	di	2	by			3		ma
B093087	160	162			3	di	7	di	1	by			3		ma
B093088	162	164					3	di	1	by			3		ma
B093089	164	166			3	di	7	di	2	by			3		ma
B093090	166	168			7	di	15	di	2	by			4		ma
B093091	168	170			5	by	7	by	1	by			4		ma
B093092	170	172			7	ve	15	ve	1	by			3		ma
B093093	172	174			10	ve	15	ve	1	by			4		ma
B093094	174	176			7	ve	15	ve	1	by			4		ma
B093095	176	178			7	ve	15	ve	1	by			4		ma
B093096	178	180			7	ve	20	ve	1	by			2		ma
B093097	180	182			5	ve	20	ve	1	by			2		ma
B093098	182	184			3	by	25	by	1				2		ma
B093101	184	185.01			1	by	20	by	1				3		ma

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	by		4	by									
	4	by		4	by									
	4	by		4	by					2	by			
	4	by		4	by					2	by			
	3	by		4	by					1	by			
	4	by		2	by					1	by			
	4	by		2	by		4	ma		1	by			
	3	by		2	by		4	ma		1	by			
	3	by		1	by		4	ma		1	by		1136	
	4	by					4	ma		1	by			
	4	by					5	ma		1	by			
	4	by					5	ma		1	by			
	4	by					5	ma						White, sil-flooded core
	4	by					5	ma						White, sil-flooded core
	5	by					5	ma					1137	White, sil-flooded core
	4	by					5	ma						Pv sil flooding

DD 04-921

Project: Mt. Milligan (C48)
Zone: MBX9450
Start Drill: Jul.31-04
End Drill: Aug.3-04
Drilled by: Agressive
Depth: 205.42 **Azimuth:** 270 **Dip:** -70 **E:** 434544.6 **N:** 6109303.47 **RL:** 1121.56
Sample Sequence: B093102 to B093210

Site #: 4 **Twinning:** 89-295
Section N:
Start Log: Aug.1-04
End Log: Aug.3-04
Logged by: AF



From	To	Struct	Int
11.2	11.41	fa	5
16	22		
24.01	24.52	fa	3
26.1	28.09	fa	5
5.48	22		

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks Int	How
04-921														
B093103	7	9	S		7	di	10	di	3	fg			1	
B093104	9	11	S		7	di	10	di	3	fg			1	
B093105	11	13	B	S	0	di	3	di		fg			1	
B093106	13	15	S		7	di	10	di	2	fg			3	ma
B093107	15	17	S		3	di	15	di	1	fg			3	ma
B093108	17	19	S		3	di	10	di	1	fg			4	ma
B093109	19	21	S		7	di	10	di	2	fg			3	ma
B093111	21	23	S		7	di	3	di	2	fg			3	by
B093112	23	25	S		7	di	3	di	2	fg			3	by
B093113	25	27	A		3	di	10	di	3	ve			1	
B093114	27	28	G	s	3	di	7	di	2	fg				
B093115	28	30	S		7	di	5	di	1	fg			2	by
B093116	30	32	N	s	1	di	7	di	3	ve			1	
B093117	32	34.14	S		3	di	10	di	3	ve			1	

LAFW From (m) 5.48 To (m) 34.1 Litho1 V2J Colour1 A Int1 4 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Dark grey, locally strongly to pervasively Ksp-altered; locally md silicified; massive porphyritic augite-phyric andesite (latite?)

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks Int	How
B093118	34.14	36	N	a	10	sp	15	sp	3	ve			1	
B093119	36	38	N	a	10	sp	15	sp	4	ve			1	

ANLT From (m) 34.14 To (m) 39.0 Litho1 X2D Colour1 A Int1 4 % Mix 90 Litho2 V2J Colour2 A Int2 4 Grain Size vgc

Comments Dark to light grey, locally strongly to pervasively Ksp-altered, heterolithic(?) lapilli to block and ash tuff. Clasts vary in size and colour, ranging from few mm to >20 cm, and from leucocratic (intrusive?) to melanocratic.

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	ma		4	by									
	3	ma		4	by									
	2	ma		4	ve									
	2	ma		4	ve									
vn	1	ma		4	by									
vn	1	ma		4	by									
vn	1	ma		4	by									
vn	1	ma		4	by									Ksp and calcite replacing augite sites
vn	1	ma		4	by									broken rock interval (fault) @ 24.01-24.5
	3	fg		4	by									glomeroporphyritic flow; bt = alteration or primary?
	2	fg		4	by									fault zone: crushed rock and gouge; chlorite in fault surfaces have well d
vn	3	fg		4	by									abundant quartz veining and local brecciation in fault (sample B093114)
	3	fg		4	by									mt-qz+/-cc veinlets <1 cm, cross-cut by cc stringers
	3	fg		4	by									mt-cc stringers and veinlets <2 mm + chl stringers <2 mm
	3	fg		2	by									unclear contact between coherent and volcaniclastic members
	4	fg		3	by	ve								

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
LAFW	**From (m)** 39.01	**To (m)** 44.9	**Litho1** V2J	**Colour1** A	**Int1** 4	**% Mix** 100	**Litho2**	**Colour2**		**Int2**		**Grain Size** vfg						
	Comments Dark grey, massive, porphyritic augite-phyric andesite. Augite phenocrysts replaced by calcite.																	
				B093121	40	42	S	n	10	sp	15	ve	4	ve				
				B093122	42	44	S		7	di	7	di	3	ve				
				B093123	44	44.92	S	A	1	di	3	di	3	ve				
39.03	40.01	fa	5															
40.1	40.2																	
40.12	40.2	fa	5															
40.4	40.6																	
HMZP	**From (m)** 44.92	**To (m)** 66	**Litho1** I2F	**Colour1** A	**Int1** 2	**% Mix** 100	**Litho2**	**Colour2**		**Int2**		**Grain Size** mg						
	Comments Rainbow dyke																	
				B093124	*44.92*	47	*a*		*5*	*di*	3	*di*					2	*ma*
				B093125	47	49	a		3	di	1	di					2	vn
				B093128	53	55	a	P	7	di	1	di					5	ma
				B093129	55	57	a		10	di	1	di					5	ma
				B093130	57	59	a		10	di	1	di					4	ma
				B093131	59	61	a		7	di	5	di					5	ma
				B093132	61	63	a		5	di	3	di					4	ma
				B093133	63	65	a	T	5	di	3	di					4	ve
				B093134	65	65.98	n	s	3	di	15	ve	3	ve			3	ve
LAFW	**From (m)** 65.98	**To (m)** 85	**Litho1** V2J	**Colour1** s	**Int1** 4	**% Mix** 100	**Litho2**	**Colour2**		**Int2**		**Grain Size** mg						
	Comments Porphyrytic, augite-phyric andesite flow.																	
				B093135	65.98	68	n	s	3	di	15	ve	3	ve			3	ve
				B093136	68	70	n	s	7	di	3	ve	3	ve			3	ve
				B093137	70	72	n	s	5	di	3	di	3	ve			3	ve
				B093138	72	74	n	s	5	di	10	di	3	ve			3	ma

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	4	fg		3	by	ve								mt-cc veinlets <5 mm, with irregular contacts; local massive chlorite-clay
	4	fg		3	by	ve								
	5	fg		3	by	ve								approaching dike contact, volcanic rock is altered to finer grained, lighter
				1			1	ma						fine- to medium-grained minerals; local melanocratic zones <3 cm
				1			1	ma						
vn				2	ve		3	ma						light pink-gray, st/pv ksp altered; wk qz stockwork/bx
vn	1	fg		2	ve		3	ma						
	1	fg		1	ve		2	ma						
	1	fg		1	ve		2	ma						
				1	ve		2	ma						
vn				1	ve		2	ma					1158	st-pv ksp alteration halos around cc-ksp stringer stockwork zones
vn				3	by		2	ma						st-pv ksp alteration halos around cc-ksp stringer stockwork zones
vn				3	by									
vn				3	by		3	ve						
vn	3	fg		3	by		3	ve						
	3	fg		3	by		3	ve						

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093141	74	76	n	s	3	di	10	di	3	ve			2		ma
				B093142	76	78	n	s	3	di	15	ve	3	ve			2		ma
				B093143	78	80	n	s	3	di	15	ve	3	ve			2		ma
				B093144	80	82	n	s	1	di	3	di	2	fg			2		ma
				B093145	82	84	n	s	7	di	3	di	2	fg			2		ma
69.31	69.5	fa	4																
70.28	70.45	fa	4																
71.01	73.8	fa	4																
84.7	84.95	fa	4																

ANLT From (m) 84.95 To (m) 103 Litho1 X2D Colour1 N Int1 4 % Mix 100 Litho2 Colour2 Int2 Grain Size vgc

Comments Dark grey to black, polymict(?) ash-and-block-tuff to lapilli-crystal tuff.

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093147	86	88	n	s	5	di	7	ve	2	fg			2		ma
				B093148	88	90	n	a	5	di	5	ve	2	fg			2		ma
				B093149	90	92	n	a	7	by	3	di	2	fg			2		ma
				B093151	92	94	n	a	7	by	3	di	2	ve			2		ma
				B093152	94	96	n	a	5	by	10	ve	2	ve			2		ma
				B093153	96	98	n	a	7	by	15	di	2	di			2		ma
102	102.7	fa	4																
93	100																		

DRPD From (m) 103.4 To (m) 107 Litho1 I2 Colour1 G Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size cry

Comments Light green-gray, highly fractured, aphanitic intrusive rock (post-mineral dike?).

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093158	105.5	107.48	G	A	7	by	15	di	2	di			2		ma
105	107.2	fa	4																

ANLT From (m) 107.5 To (m) 111 Litho1 X2I Colour1 G Int1 4 % Mix 100 Litho2 Colour2 Int2 Grain Size vfg

Comments Dark green to black and grey, ksp altered, polymict lapilli- to block-and-ash-tuff.

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093159	107.48	109	G	A			1	di					2		ma

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		3	by		3	ve						
	3	fg		3	by		3	ve						
	3	fg		3	by		3	ve						
	3	fg		3	by		3	ve						
	3	fg		3	by		3	ve						
	3	fg		3	by		3	ve						
	3	fg		3	by		3	ve						
	3	fg		2	by		5	ve						
	3	fg		2	by		5	ve		4	by			
	3	fg		2	by		5	ve		5	by			
	4	fg		2	by		2	ve		5	by			
	5	fg		5	ve		2	ve		5	by			locally bx'd and cc-healed
	3	cg		3	by		4	ma	ve				1163	

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
DRPD	From (m) 110.9	To (m) 117	Litho1 I2	Colour1 A	Int1 3	% Mix 100	Litho2	Colour2	Int2	Grain Size vfg									
	Comments	Fine-grained to aphanitic, medium gray, intrusive (post-mineral dike?) rock lacking sulphide mineralization.																	
				B093161	111	113	G	A	1	di	1	di	3	by			2	ma	
				B093162	113	115	G	A	1	di	1	di	3	by			2	ma	
				B093163	115	117	G	A			1	di	3	by			2	ma	
ANLT	From (m) 117.2	To (m) 137	Litho1 X2D	Colour1 G	Int1 4	% Mix 100	Litho2	Colour2	Int2	Grain Size cg									
	Comments	Dark green to black, strongly to pervasively ksp-chlorite altered, with local st/pv patchy epidote-py alteration. Locally pyrite is preferentially developed in lapilli matrix and in leucocratic lithic clasts.																	
				B093165	119	121	G	A			5	ve	3	by			2	ma	
				B093166	121	123	G	Y			5	ve	3	by	FP	sp	2	ma	
				B093167	123	125	G	Y	3	by	3	di	1	by	FP	sp	2	ma	
				B093168	125	127	G	Y	5	by	10	di	1	by	FP	sp	2	ma	
				B093169	127	129	G	A	5	by	10	di	3	by	FP	sp	2	ma	
				B093170	129	131	G	A	5	by	10	di	3	by			2	ma	
				B093171	131	133	G	A	5	by	10	di	3	by			2	ma	
				B093172	133	135	G	N	1	by	5	di	4	ve			2	ma	
				B093173	135	137	G	N	1	by	10	di	4	ve			2	ma	
TRBT	From (m) 137.1	To (m) 145	Litho1 X2E	Colour1 A	Int1 3	% Mix 100	Litho2	Colour2	Int2	Grain Size vfg									
	Comments	Bedded ash- to lapilli-tuff. Intercalated light to dark grey beds <5 cm thick. Syngenetic py well developed in leucocratic beds.																	
				B093175	139	141	A		1	by	7	bd							
				B093176	141	143	A		5	di	10	bd							
				B093177	143	145	A		7	di	10	di	3	ve			3	vn	
ANLT	From (m) 145	To (m) 155	Litho1 X2E	Colour1 G	Int1 4	% Mix 100	Litho2	Colour2	Int2	Grain Size vgc									
	Comments	Dark grey to green, chlorite altered lapilli-tuff.																	

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	2	cg		3	by	ve	2	ma	ve					
	2	cg		3	by	ve	2	ma	ve					Post mineral dike???
	2	cg		3	by	ve	2	ma	ve					Post mineral dike???
	2	cg		3	by		2	ma	ve	4	by			Py assoc w/ chl vnlets
	2	cg		3	by		2	ma	ve	4	by		1164	Local pv albitized zones
				3	by		2	ma		5	by			Local md albitized zones
				3	by		2	ma		5	by			Ep+py patches <8 cm.
				3	by		2	ma		5	by			Ep+py+mt patches <8 cm.
	3	fg		3	by		2	ma		5	by			Ep+py+mt patches <8 cm.
	3	fg		3	by		2	ma		5	by		1165	Ep+py+mt patches <8 cm.
	3	fg		3	by		2	ma		4	by			Ep+py+mt patches <8 cm.
	3	fg		3	by		2	ma		5	by			Ep+py+mt patches <8 cm.
	2	fg		4	by									Syngenetic(?) py along ash-tuff bands.
	2	fg		4	by	ve								
	3	fg		4	by	ve								

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093178	145	147	A		10	sp	7	di	3	ve			3	vn	
				B093181	147	149	A	w	7	ve	10	ve			FP	ma	3	ma	
				B093182	149	151	A	w	5	di	7	di					4	ma	
				B093183	151	153	A	P	10	by	5	di	3	by			6	ma	
				B093184	153	155	A	N	10	by	5	ve	4	by			6	ma	

TRBT From (m) 155.4 To (m) 166 Litho1 X2E Colour1 A Int1 3 % Mix 100 Litho2 Colour2 Int2 Grain Size vfg

Comments Well bedded, dark and medium grey lapilli- to ash-tuff +/-epiclastic (?) beds < 5 cm thick. Syngenetic py abundant in leucocratic beds.

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093186	157	159	n	A	7	by	7	di	4	fg			4	ma	
				B093187	159	161	n	A	1	di	3	di	1	fg			4	ma	
				B093188	161	163	T		1	di	5	di	1	fg			5	ma	
				B093189	163	165	A	s	1	di	15	bd	1	fg			2	ma	
155.42	159.9	fz	3																
165.25	165.8																		
165.25	165.8	fa	4																

HTDF From (m) 165.8 To (m) 205 Litho1 X2D Colour1 G Int1 4 % Mix 100 Litho2 Colour2 Int2 Grain Size vgc

Comments Dark green to black, strongly to pervasively chl-ksp+/-ep-mt altered, coarse polymict lapilli- to block-and-ash-tuff.

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093192	167	169	A	N	1	di	15	ve	4	bd			2	ma	
				B093193	169	171	G	N	1	di	15	di	4	bd					
				B093194	171	173	G	N	1	di	10	di	2	bd			3	ma	
				B093195	173	175	G	N	1	di	10	di	2	bd			3	ma	
				B093196	175	177	G	N	3	di	3	di	2	by			3	ma	
				B093197	177	179	G	N	1	di	3	di	1	di			4	ma	
				B093198	179	181	G	N	1	di	3	di	1	di			4	ma	
				B093199	181	183	G	N	1	di	7	di	1	di			4	ma	
				B093200	183	185	G	N	1	di	10	di	3	di			4	ma	
				B093201	185	187	G	N			5	di	3	di			2	ma	
				B093202	187	189	G	N	1	di	7	di	3	di			2	ma	
				B093203	189	191	G	A	1	di	10	di	3	di			3	ma	
				B093204	191	193	G	A	1	di	10	di	3	di			3	ma	

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
ma	3	fg		4	by	ve	3	ma						
	4	sp		2	ve		4	ma						Local pv. albitized patches <3 cm.
vn	4	sp		2	ve		4	ma						
vn	3	sp		2	ve		4	ma						Bt assoc with cpy.
vn	3	sp		2	ve		4	ma						
	4	fg		3	by		3	ma						
	4	fg		3	by		3	ma						
	4	fg		3	by		3	ma					1174	
	4	fg		3	by		1	ma					1176	
	4	fg		3	by									
	4	fg		3	by									
	4	fg		3	by									
	4	fg		3	by					2	bd			
	4	fg		3	by					2	bd			
				3	ve		3	ma						
				3	ve		3	ma						
				3	ve		2	ma						
				3	ve		2	ma						
				3	ve		2	ma					1177	
				3	ve		2	ma						
				3	ve		2	ma						
				3	ve		2	ma						Py in stringers and locally replacing clasts or matrix.

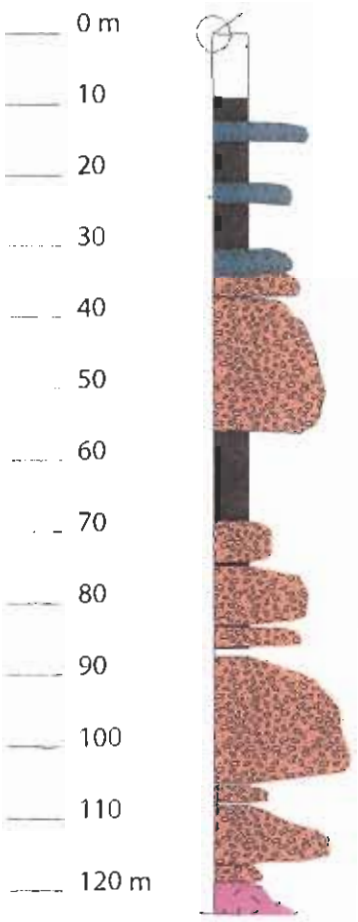
From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093205	193	195	G	A	1	di	10	di	3	di			4		ma
				B093206	195	197	G	T	1	di	5	di	3	di			4		ma
				B093208	199	201	G	A	1	di	10	di	3	ve			4		ma
				B093209	201	203	G	T	1	di	10	di	3	di			4		ma
				B093210	203	205.13	G	A	1	di	10	di	3	ve			4		ma
166	205.1																		
202	205.1																		

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	4	fg		3	ve		2	ma						
vn	4	fg		3	ve									
vn	4	fg		3	ve					3	by			
vn	4	fg		3	ve					3	by		1178	
vn	4	fg		3	ve					3	by			

DD 04-922

Project: Mt. Milligan (C48)
Zone: MBX9500
Start Drill: Aug.3-04
End Drill: Aug.7-04
Drilled by: Agressive
Depth: 123.74 **Azimuth:** 270 **Dip:** -45 **E:** 434245.82 **N:** 6108211.09 **RL:** 1155.34
Sample Sequence: B093211 to B093272

Site #: 3 **Twinning:** 88-68
Section N:
Start Log: Aug.5-04
End Log: Aug.6-04
Logged by: AF



From	To	Struct	Int
13.3	34		
15	20.86	fa	4
23.6	30.2	fa	4
25.2	31.4		
8.96	12.3	fa	4

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Min1	How	Ks Int	How
04-922														
B093211	9	11	A	G			5	di			MC	di		
B093212	11	13	A	G	3	di	3	di	2	ve	MC	di	2	
B093213	13	15	A		3	di	7	di	2	ve	MC	di	4	vn
B093214	15	17	A	s	3	di	15	di	2	ve	MC	di	4	vn
B093215	17	19	N	s	1	di	7	di	1	ve	MC	di	2	ma
B093216	19	21	N	s	7	di	10	di	1	ve			2	ma
B093217	21	23	N	s	7	di	10	di	1	ve			2	ma
B093222	27	29	N	s	3	ve	5	di					4	ma
B093223	29	31	A	g	3	ve	5	di					4	ma
B093224	31	33	S	g			1	di					1	ma

LAFW From (m) 8.96 To (m) 34.0 Litho1 V2J Colour1 n Int1 4 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Black, porphyritic augite-phyric andesite. Strongly faulted from 9.0 to 30.20. Abundant malachite from 8.96 to 12.3. Calcite replacing augite phenocrysts.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Min1	How	Ks Int	How
B093231	45	47	N	S	7	di	10	di	2	fg			1	ma
B093232	47	49	N	S	7	vn	5	di	2	fg				
B093233	49	51	N	S	7	di	10	di	2	fg				
B093237	57	59	N	S	1	di	3	di	2	fg			3	ma
B093238	59	61	N	S	7	di	3	di					2	ma
B093239	61	63	N	S			1	di	3	fg				
B093240	63	65	N	S	5	di	10	di	3	fg			3	ve
B093241	65	67	N	S	3	di	10	di	1	fg				

ANLT From (m) 34.01 To (m) 85.9 Litho1 X2H Colour1 A Int1 3 % Mix 90 Litho2 V2J Colour2 n Int2 4 Grain Size cg

Comments Dark grey to green-grey, moderately to strongly ksp altered, intermediate crystal-lithic lapilli tuff with lithic fragments recognizeable locally only. Minor interbeds of porphyritic flows(?).

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				2	ve									Malachite <10%; v. broken core
	3	fg		2	ve									Malachite <7%; v. broken core
ma	3	fg		2	ve									Malachite <7%; v. broken core
ma	3	fg		4	by									*Malachite <7%; cc replacing augite.*
	3	fg		4	by									tr Malachite ; cc replacing augite.
	4	fg		4	by									
	4	fg		4	by		3	ve						
	4	fg		4	by									Flt; broken to crushed rock.
	4	fg		4	by									
	3	fg		4	by									
vn	4	fg		4	by			ve		3	by			Cp replacing augite xls.
	4	fg		4	by					3	by			
	4	fg		4	by	ve	3	ve						
	2	fg		4	by	ve	3	ve						Lithic clasts pref hosting sx.
	2	fg		4	by	ve								
	2	fg		4	by	ve								
	4	fg		4	by	ve	2	ve						
	3	fg		4	by									

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093242	67	69	G	S			3	di	1	fg			4		ma
				B093243	69	71	G	S	7	di	3	di	3	fg			2		ma
				B093244	71	73	G	S	7	di	3	di	3	fg			2		ma
				B093245	73	75	N	S	7	di	10	di	4	fg			2		ma
				B093246	75	77	N	S	5	di	5	di	4	fg			2		ma
				B093247	77	79	N	S	5	di	7	di	4	fg			3		ma
				B093248	79	81	G	A	7	by	7	di	3	fg			3		ma
				B093249	81	83	G	A	1	di	3	di	4	fg					ma
				B093250	83	85	G	A	7	di	3	di	4	fg			3		ma
36.86	37.02	fa	4																
39	42																		
42	56																		
42	68																		
55.65	68.27	fa	4																
73.96	74.52	fa	4																
82.75	83.02	fa	4																

DRPD **From (m)** 85.9 **To (m)** 87.2 **Litho1** I2 **Colour1** U **Int1** 3 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** cry

Comments Purple-brown, aphanitic, massive, md bt-altered (hornfelsed) post-mineral(?) dike.

				B093253	85.95	87.16	A				3	di	3	fg			4		ma

HTDF **From (m)** 87.16 **To (m)** 116 **Litho1** X2H **Colour1** g **Int1** 4 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** vgc

Comments Dark green-grey lapilli- to block-tuff. Lithic fragments <16 cm.

				B093254	87.16	89	N	s	7	di	10	ve	3	fg			4		ma
				B093255	89	91	N	s	7	di	5	di	3	fg			4		ma
				B093256	91	93	N	s	15	ve	20	ve	3	fg			4		ma
				B093257	93	95	N	s	15	by	20	by	3	fg			4		ma
				B093258	95	97	N	s	15	by	10	by	3	fg			4		ma
				B093259	97	99	N	s	15	by	10	by	3	fg			3		ma
				B093260	99	101	N	s	15	by	10	by	3	fg			2		ma
				B093261	101	103	N	s	7	di	5	di	2	fg			2		ma

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		4	by	ve								local cc-bx
	2	fg		4	by	ve				3	by			xl cc vns<5mm
	2	fg		4	by	ve				3	by			
	2	fg		4	by	ve								
	2	fg		4	by	ve								
	2	fg		4	by	ve								
	2	fg		4	by	ve								
	2	fg		2	ve									near dike contact?
	2	fg		3	by									
				3	ve									Mottled aspect
				3	by									
				3	by									
				3	by		3	ve						
				3	by		3	ve						
vn				3	by									
vn				3	by									local cc bx
				4	by		3	vn						
				4	by		3	vn						

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
				B093262	103	105	N	s	7	di	5	di	2	fg			3	ma
				B093263	105	107	G	A	7	di	5	di	2	fg			4	ma
				B093264	107	109	G	S	1	di	5	di	3	fg			4	ma
				B093265	109	111	G	S	3	di	1	di	3	fg			3	ma
				B093266	111	113	G	S	5	di	1	di	4	fg			4	by
				B093267	113	115	G	S	5	di	1	di	4	fg			4	by
104.85	105.2	fa	4															
106	107.4																	
107.41	107.8	fa	4															
97	105.4																	

MZPP **From (m)** 116.1 **To (m)** 124 **Litho1** I2F **Colour1** a **Int1** 2 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** mg

Comments Light pink-grey, weakly foliated, locally pervasively ksp altered, medium grained bt-monzonite.
Contact zone has pv ksp altered crystal-lithic tuff xenoliths < 15 cm.

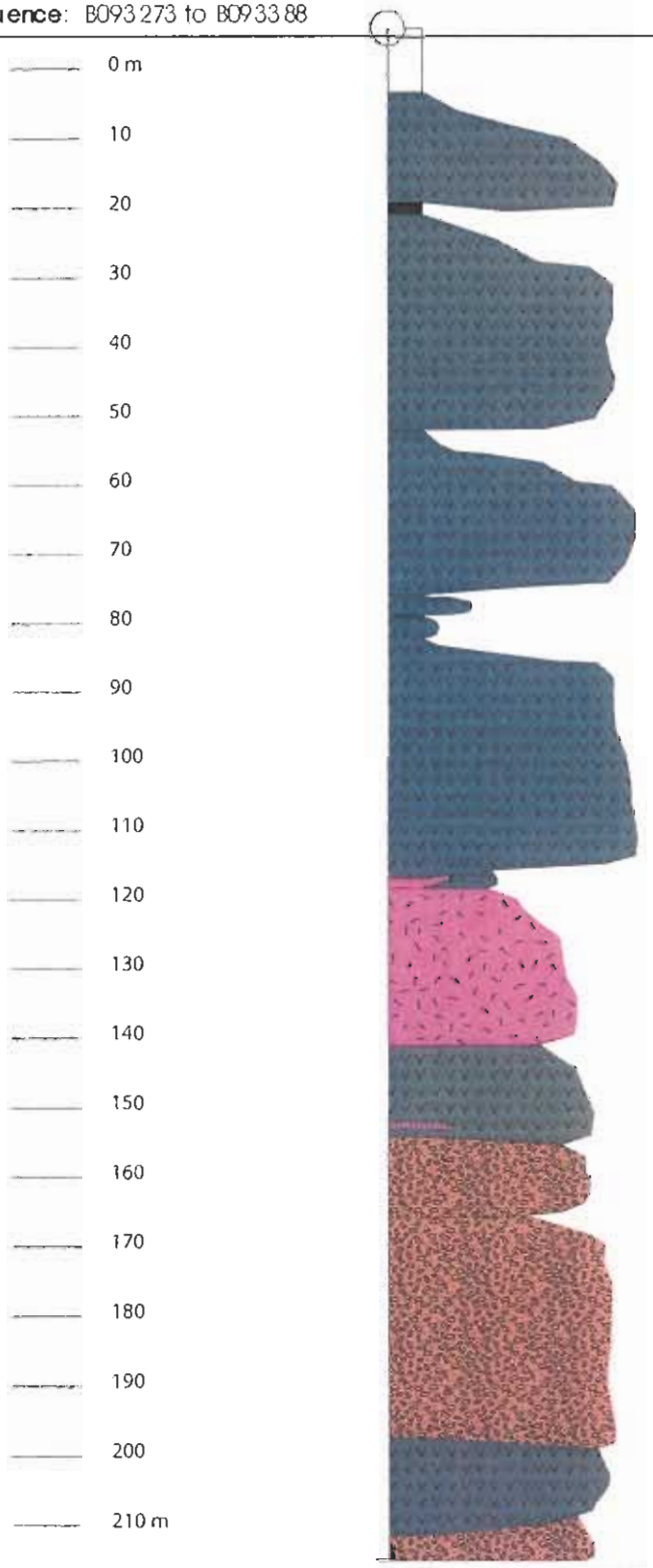
				B093269	117	118.54	N	S	7	di	3	di	4	fg			2	by
				B093270	118.54	120	N	S	5	di	3	di	4	fg			5	by
				B093271	120	122	A		3	di			3	fg			5	by
				B093272	122	123.74	A		3	di			3	fg			5	by
116.12	116.1	fa	4															

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				4	by		4	vn						
				4	by		4	vn						f
				4	by		4	vn						l
				4	by		4	vn						cc bx
				4	by									
				4	by									
				4	by									
				4	by									intrusive contact
														bt-monzonite
														bt-monzonite

DD 04-923

Project: Mt. Milligan (C48)
Zone: MBX9500
Start Drill: Aug.7-04
End Drill: Aug.10-04
Drilled by: Agressive
Depth: 220.67 **Azimuth:** 270 **Dip:** -80 **E:** 434245.82 **N:** 6108211.09 **RL:** 1155.34
Sample Sequence: B093273 to B093388

Site #: 3 **Twinning:** 88-68
Section N:
Start Log: Aug.9-04
End Log: Aug.13-04
Logged by: AF



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
04-923																		
LAFW	From (m) 9.14	To (m) 24.9	Litho1 V2J	Colour1 N	Int1 4	% Mix 90	Litho2 X2H	Colour2 A	Int2 3	Grain Size mg								
	Comments	Dark purple-blk, porphyritic augite-phyric, wk to st ksp altered andesite w/ cc replacing augite.																
				B093273	9.14	11	a		3	di	10	di	2	di			2	vn
				B093274	11	13	a		3	di	10	di	2	di			2	vn
				B093275	13	15	a		3	di	10	ve	2	di			3	vn
				B093276	15	17	a	U	3	by	3	ve	3	ve			2	ma
				B093277	17	19	a	U	3	by	3	ve	3	ve			2	ma
				B093278	19	21	a	S	3	by	3	ve	2	di			2	ma
				B093279	21	23	a	S	3	by	3	di	2	di			2	ma
LAFW	From (m) 24.92	To (m) 124	Litho1 V2J	Colour1 S	Int1 4	% Mix 100	Litho2	Colour2	Int2	Grain Size mg								
	Comments	Black to dk gn-blk, porphyritic, augite-phyric andesite, md to st ksp altered; augite replaced by cc+/-sc.																
				B093281	25	27	G	A	1	by	3	di	5	di			2	vn
				B093284	27	29	S	N	1	by	7	ve	3	di				
				B093285	29	31	S	G	1	by	5	ve	3	di			2	vn
				B093286	31	33	S	N	1	di	2	di	2	di				
				B093287	33	35	S	N			7	di	2	di				
				B093288	35	37	S	N			3	ve	2	di				
				B093289	37	39	S	N	3	by	3	di	2	di				
				B093291	41	43	S	N	3	by	15	di	2	di				
				B093292	43	45	S	N	3	by	15	di	2	di				
				B093293	45	47	S	N	1	di	10	di	2	di				
				B093294	47	49	S	N	1	di	10	di	2	di				
				B093295	49	51	S	N	5	by	7	di	2	di				
				B093296	51	53	S	N	3	by	7	ve	2	di				
				B093297	53	55	S	N	3	by	10	di	2	di				
				B093298	55	57	S	N	3	by	10	di	2	di				
				B093301	57	59	S	N	3	by	10	ve	2	di				

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
							2	vn						py-cp strgrs + dissem
							2	vn					1209	
ma	3	fg					2	vn						py strgrs x-cutting fine-gd bt alt'n
	3	fg					2	vn						
	3	fg		3	fr		2	vn					1210	
	3	fg		4	by									becoming less ksp-sil altered, darker, phenos better preserved downhole
	3	fg		4	by									
	3	fg		2	ve		3	ve						Wkly to strongly chloritic competent rock becoming incompetent ft zone
	3	fg		4	by		3	ve						local py strgsr
	3	fg		4	by		3	ve						
	3	fg		4	by	ve	3	ve						
	3	fg		4	by	ve	3	ve						py in qz strgrs and dissem
	3	fg		4	by	ve	3	ve						
	3	fg		4	by	ve	3	ve						
	3	fg		4	by	ve	3	ve						
	3	fg		4	by	ve	3	ve						
	3	fg		4	by		3	ve		4	by			
	3	fg		4	by		3	ve		3	by			
	3	fg		4	by		3	ve		3	by			
	3	fg		4	by		3	ve		2	by			
	3	fg		4	by		3	ve		4	by			
	4	fg		4	by		3	ve		4	by			
	4	fg		4	by		3	ve		4	by		1229	

From	To	Struct	Int
122.82	124.2	cn	3
24.92	26.74	fa	3

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
B093302	59	61	S	N	3	by	10	ve	2	di					
B093303	61	63	S	N	3	by	10	ve	2	di			2	vn	
B093304	63	65	S	N	3	by	7	di	2	di			2	vn	
B093305	65	67	S	N	3	by	10	di	2	di			2	vn	
B093306	67	69	S	N	3	by	10	di	2	di			2	vn	
B093307	69	71	S	N	5	by	10	ve	2	di			2	vn	
B093308	71	73	S	N	5	by	10	ve	2	di			2	vn	
B093309	73	75	S	N	1	by	10	ve	2	di			2	vn	
B093311	75	77	S	N	1	by	10	ve	2	di			2	vn	
B093312	77	79	S	N	7	di	5	ve	3	di					
B093313	79	81	S	N	3	by	5	ve	3	di					
B093314	81	83	S	N	3	by	5	ve	3	di			3	ma	
B093315	83	85	S	N	3	di	7	di	3	di			3	ma	
B093316	85	87	S	N	5	di	7	di	3	di			3	ma	
B093317	87	89	S	N	5	di	7	ve	3	di			3	ma	
B093318	89	91	S	N	5	di	7	di	2	di			3	ma	
B093319	91	93	S	N	5	di	15	di	2	di			3	vn	
B093320	93	95	S	A	7	by	10	di	3	di			3	vn	
B093321	95	97	S	A	3	by	7	di	4	di			3	ma	
B093322	97	99	S	A	3	by	7	di	4	di			3	ma	
B093323	99	101	S	A	1	by	10	di	4	di			2	ma	
B093324	101	103	S	N	1	by	10	ve	4	di			2	ma	
B093325	103	105	S	N	1	by	10	ve	4	di			2	ma	
B093326	105	107	S	N	1	by	7	ve	4	di			2	ma	
B093327	107	109	S	N	1	by	12	by	5	di			2	ma	
B093328	109	111	S	N	1	by	12	by	5	di			2	ma	
B093329	111	113	S	N	1	by	15	by	5	di			1	ma	
B093330	113	115	S	N	1	by	10	by	5	di			1	ma	
B093331	115	117	S	N	1	by	15	by	5	di			1	ma	
B093332	117	119	S	N	1	by	15	by	5	di			1	ma	
B093333	119	121	S	N	1	by	10	by	5	di			1	ma	
B093334	121	122.82	S	N	3	ve	10	by	5	di			1	ma	

How2	Btl mt	How	How2	Ca Int	How	How2	Sl Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		4	by		3	ve		5	by			
	3	fg		4	by		2	ve		5	by			
	3	fg		4	by		3	ve		4	by			
	3	fg		4	by		3	ve		4	by			
	3	fg		4	by		3	ve		4	by			
	3	fg		4	by		3	ve		5	by			
	3	fg		4	by	ve	3	ve		5	by			
	3	fg		4	by	ve	3	ve		5	by			py-ep stringers x-cut by cc stringers
	3	fg		4	by	ve	3	ve		5	by			
	3	fg		4	by	ve				5	by			
	3	fg		4	by	ve								
	3	fg		4	by	ve								local st cc bx, w/out sx
	3	fg		4	by	ve								
	3	fg		4	by	ve								
	3	fg		4	by	ve								
	3	fg		4	by	ve								
	3	fg		4	by	ve								
	3	fg		4	by	ve								
	3	fg		4	by	ve								
	3	fg		4	by	ve								
	3	fg		4	by									
	3	fg		4	by									
	3	fg		4	by									qz+/-cc-py strgrs <1 mm
	3	fg		4	by									mt vnlets x-cut by mt strgrs
	3	fg		4	by									patchy py-mt + mt vnlets <5 mm
	3	fg		4	by									
	3	fg		4	by								1230	
	3	fg		4	by									
	3	fg		4	by									Blebby, dissem, + strgr py; rare cpy
	3	fg		4	by									Blebby, dissem, + strgr py; rare cpy
	3	fg		4	by									
	3	fg		4	by									mt vns <4 cm, w/ qz + cc

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
57.72	57.8	fa	2																
64.76	64.78																		
64.76	64.79																		
64.77	64.79																		
64.78	64.79																		
64.9	64.91																		
65.08	65.09																		
65.2	65.21																		
65.5	65.51																		
65.51	65.52																		
65.7	65.71																		
65.71	65.72																		
65.8	65.81																		
65.82	65.83																		
65.9	65.91																		
65.91	65.92																		
65.92	65.93																		
65.93	65.94																		
66.1	66.11																		
66.11	66.11																		
66.3	66.31																		
66.31	66.32																		
66.5	66.51																		
66.51	66.52																		
66.52	66.53																		
66.6	66.61																		
66.7	66.71																		
66.71	66.72																		
66.72	66.73																		
66.85	66.86																		
66.86	66.87																		
67.1	67.11																		
67.11	67.12																		
67.12	67.13																		

From	To	Struct	Int
67.13	67.14		
67.14	67.15		
67.15	67.16		
67.6	67.61		
67.61	67.62		
68.01	68.02		
68.02	68.03		
68.03	68.04		
68.27	68.28		
68.28	68.29		
68.29	68.3		
68.3	68.31		
81.63	81.75	fa	2
84.61	84.76	fa	2
88.01	88.09	fa	4

FGMZ **From (m)** 124.2 **To (m)** 147 **Litho1** I2F **Colour1** a **Int1** 2 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** mg

Comments Light/md gray, md-fine-gd bt-monzonite, weakly foliated. Rainbow dike.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Mlnl	How	Ks Int	How
B093336	125	127	A		3	di	5	di	1	ve			2	ma
B093337	127	129	A		5	di	3	di					3	ma
B093338	129	131	A		5	di	3	di					3	ma
B093341	131	133	A		3	di	5	di					3	ma
B093342	133	135	A		3	di	5	di					2	ma
B093343	135	137	A		7	di	7	di					3	ma
B093344	137	139	A		7	di	5	di					3	ma
B093345	139	141	A		5	di	10	di					3	ma
B093346	141	143	W	A	5	di	10	di					3	ma
B093347	143	145	A		3	di	10	di					2	ma
B093348	145	146.83	A		3	di	5	di					3	ma

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				2	ve									
				2	ve									
				2	ve		2	vn						
				2	ve		2	vn						
				2	ve		2	vn						
				2	ve		2	vn						
							2	vn						
							5	ma	vn					0.85 m wide qz vn/pv silicification zone without sx

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
LAFW	From (m) 146.8	To (m) 160	Litho1 V2J	Colour1 S	Int1 4	% Mix 100	Litho2	Colour2	Int2	Grain Size mg									
	Comments gn-blk to blk, porphyritic , st ca-act alt'd augite-phyric andesite.																		
				B093349	146.83	149	S	N	1	di	10	di					2	ma	
				B093351	149	151	S	N	3	di	15	di							
				B093352	151	153	S	N	3	di	10	di							
				B093353	153	155	S	N	1	di	7	di					2	ma	
				B093354	155	157	S	N	1	di	7	ve					2	ma	
				B093355	157	159	A	S			1	di							
ANLT	From (m) 160	To (m) 203	Litho1 X2H	Colour1 A	Int1 3	% Mix 100	Litho2	Colour2	Int2	Grain Size vgc									
	Comments Lt to dk gn-gr to salt+pepper lapilli crystal tuff to monomict(?) block and ash tuff.																		
				B093357	161	163	N	S	3	ve	7	ve							
				B093358	164	165	N	S	3	ve	10	ve							
				B093359	165	167	N	S	5	ve	7	ve					2	ma	
				B093360	167	169	G	A	5	ve	7	ve	4	by			2	ma	
				B093361	169	171	G	A	1	ve	10	di	4	di			2	ma	
				B093362	171	173	G	A			5	di	2	di			2	ma	
				B093363	173	175	A	S			5	ve	3	di			2	ma	
				B093364	175	177	G	A			5	ve	3	di			2	ma	
				B093365	177	179	G	A	1	di	7	by	2	di					
				B093366	179	181	G	A	1	di	7	by	2	di					
				B093367	181	183	W	G			1	di			PG	sp	2	ma	
				B093368	183	185	W	G	1	di	3	ve	2	di	PG	sp	2	ma	
				B093369	185	187	W	G	3	by	3	ve					2	ma	
				B093370	187	189	W	G	3	di	10	ve					2	ma	
				B093371	189	191	W	G	3	by	7	ve					2	ma	
				B093372	191	193	A	G	7	by	3	di							
				B093373	193	195	A	G	5	by	3	di							
				B093374	195	197	A	G	7	by	3	di	3	fg					
				B093375	197	199	A	G	1	by	3	di	2	fg					

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		4	by		2	vn						
	3	fg		4	by		2	vn						
	3	fg		4	by		2	vn						
	3	fg		4	by		2	vn						
	3	fg		4	by		2	vn						py-cc strgrs + dissem
	3	fg		4	by									post mineral dike (?) -barren, @157.9-158.83, irregular contacts
	2	fg		2	by					3	by	ve		
	2	fg		2	by					4	by	ve		py strgrs + patchy py-ep
	2	fg		2	by					3	by	ve		
				2	by					4	by	ve		
				2	by					4	by	ve		
				2	by					4	by	ve		
				4	by	ve				4	by	ve		
				4	by	ve				5	by			
	3	fg		4	by	ve				5	by			
	3	fg		2	by	ve				5	by			
vn	3	fg		2	by	ve				5	by			Alb(?)
vn	3	fg		2	by	ve				5	by			
vn	3	fg		2	by	ve				5	by			
vn	3	fg		2	by	ve				5	by	ve		
vn	3	fg		2	by	ve				5	by	ve		
	3	fg		2	by	ve				5	by	ve		
	3	fg		2	by	ve				5	by	ve		
	3	fg		2	by	ve				5	by	ve		
	3	fg		2	by	ve				4	by	ve		

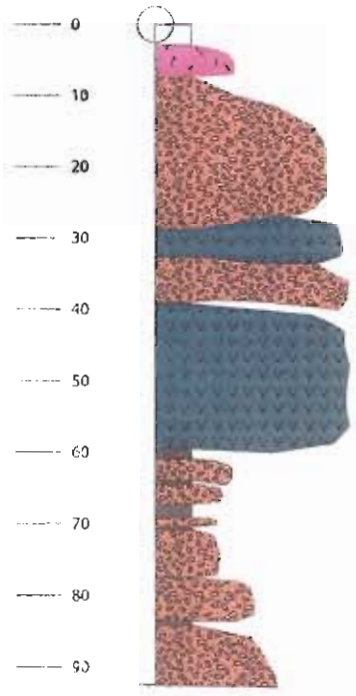
From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093376	199	201	A	G	1	by	5	di	2	fg					
				B093377	201	203.1	A	G	1	di	7	di	3	fg					
LAFW	From (m)	203.1	To (m)	217	Litho1	V2J	Colour1	S	Int1	4	% Mix	100	Litho2		Colour2		Int2		Grain Size	mg
	Comments	Blk, porphyritic, augite-phyric andesite; augite st/pv replaced by cc+/-sc.																	
				B093378	203.1	205	N	G	3	di	15	by							
				B093381	205	207	N	S	2	di	10	di							
				B093382	207	209	N	S	2	di	10	ve							
				B093383	209	211	N	S	1	di	15	di							
				B093384	211	213	N	S	1	di	10	di							
				B093385	213	215	N	S			5	di							
				B093386	215	217	N	S			7	di							
LPXT	From (m)	217.1	To (m)	221	Litho1	X2H	Colour1	g	Int1	2	% Mix	100	Litho2		Colour2		Int2		Grain Size	vgc
	Comments	Lt gn-wt and gr-gn, st/pv ep alt'd (patchy) lapilli xl tuff with lapilli <4 cm.																	
				B093388	219	220.67	G	A	1	di	10	ve						3	ma

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		2	by	ve				3	by	ve		
	3	fg		2	by	ve				4	by	ve		
	2	fg		3	by	ve				4	by	ve		
	2	fg		3	by					3	ve			
	2	fg		3	by					3	ve			py-cc strgrs
	2	fg		3	by					1	ve			
	2	fg		3	by					3	by			
				3	by									
				4	by	ve								
	2	fg		4	by	ve				5	by			

DD 04-924

Project: Mt. Milligan (C48)
Zone: MBX9375
Start Drill: Aug.10-04
End Drill: Aug.11-04
Drilled by: Agressive
Depth: 92.35 **Azimuth:** 270 **Dip:** -70 **E:** 434473.62 **N:** 6109227.04 **RL:** 1120.87
Sample Sequence: B093389 to B093437

Site #: 5 **Twinning:** 88-98
Section N:
Start Log: Aug.11-04
End Log: Aug.12-04
Logged by: AF



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks	Int	How
04-924																			
HMZP	**From (m)** 2.87	**To (m)** 7.32	**Litho1** I2F	**Colour1** a	**Int1** 2	**% Mix** 100	**Litho2**	**Colour2**	**Int2**		**Grain Size** mg								
	Comments Lt gr-wt, md-grained, md ksp alt'd bt-plag-monzonite																		
				B093389	3	5	a	w	3	di	3	ve					2	ma	
				B093391	5	7.32	a	w	3	di	5	di					2	ma	
APXT	**From (m)** 7.32	**To (m)** 28.8	**Litho1** X2E	**Colour1** U	**Int1** 3	**% Mix** 100	**Litho2**	**Colour2**	**Int2**		**Grain Size** cg								
	Comments Md br-gn-gr to salt&pepper, md/wk ksp altered lapilli xl tuff																		
				B093392	7.32	9	N	s	5	di	7	ve					2	ma	
				B093393	9	11	N	s	7	di	10	di	3	ve			3	ma	
				B093394	11	13	N	s	5	di	7	di	3	ve			3	by	
				B093395	13	15	N	s	5	di	10	ve	3	ve			3	by	
				B093400	23	25	N	s	5	di	10	ve	1	ve			2	by	
13	28.82																		
LAFW	**From (m)** 28.83	**To (m)** 32.6	**Litho1** V2J	**Colour1** n	**Int1** 4	**% Mix** 100	**Litho2**	**Colour2**	**Int2**		**Grain Size** mg								
	Comments Black to tan (where altered) porphyritic augite-phyric andesite(?)																		
				B093403	29	31	N	S	1	di	5	di	2	fg			2	ma	
ANLT	**From (m)** 32.6	**To (m)** 38.9	**Litho1** X2G	**Colour1** S	**Int1** 3	**% Mix** 100	**Litho2**	**Colour2**	**Int2**		**Grain Size** cg								
	Comments black lapilli tuff																		
				B093405	33	35	N	S	1	di	5	di	2	fg			3	ma	
				B093406	35	37	A	S	7	di	10	ve	4	ve			3	ma	

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
							3	ve						
							4	ma	ve					qz-py vns<1cm
	3	fg		2	by		4	ma	ve					
	3	fg		3	by								1240	Lithic clasts locally pv alb(?) replaced
	3	fg		3	by									
vn	3	fg		3	by		2	vn					1241	
	2	fg		3	by	ve	2	vn					1242	abundant qz-cc+/-py-cp strgrs
	2	fg		4	by	ve								
	2	fg		5	by									
	2	fg		3	by	ve				3	by			

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
LAFW	**From (m)** 38.91	**To (m)** 67.2	**Litho1** V2J	**Colour1** n	**Int1** 4	**% Mix** 100	**Litho2**	**Colour2**		**Int2**		**Grain Size** mg						
	Comments Blk to tan-brown and s&p, porphyritic, md to pv ksp alt'd, st veined (qz-cc) andesite																	
				B093408	39	41	T	A	7	di	10	di	2	ve			5	ma
				B093409	41	43	N	S	5	di	7	di	2	di			4	ma
				B093410	43	45	N	S			3	di					2	ma
				B093411	45	47	T	N			3	di					5	ma
				B093412	47	49	T	N			7	di					5	ma
				B093413	49	51	N	S	1	di	5	ve					2	ma
				B093414	51	53	N	T	5	di	15	by					4	ma
				B093415	53	55	N	T	5	di	15	by	4	di				
				B093416	55	57	N	S	5	ve	10	ve	4	di			2	vn
				B093417	57	59	N	T	5	ve	7	di	4	di			2	vn
				B093418	59	61	N	T	7	ve	7	di	4	di			2	vn
				B093421	61	63	N	T	1	di	5	di	2	di			2	vn
				B093422	63	65	A	U	5	di	10	di					2	ma
				B093423	65	67	A	P	3	by	15	by					4	ma
38.91	39.16	fa	3															
39	43																	
48	56																	
59	64																	
59.42	60.8	fa	2															
ANLT	**From (m)** 69.1	**To (m)** 92.4	**Litho1** X2H	**Colour1** g	**Int1** 4	**% Mix** 100	**Litho2**	**Colour2**		**Int2**		**Grain Size** vgc						
	Comments *Dk gn-gr, lapilli tuff; angular lithic fragments <3cm, locally st cc-qz veined.*																	
				B093426	71	73	N	S	15	by	7	di	3	di			3	ma
				B093427	73	75	U	A	15	di	5	di					3	ma
				B093428	75	77	T	A	3	ve	1	di					5	ma
				B093429	77	79	G	N	1	di	5	di					2	ma
				B093431	79	81	G	N			1	di					2	ma
				B093432	81	83	N	S			3	di						

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	2	fg		3	by	ve	4	vN		2	by			
	2	fg		3	by	ve	3	vN						
	2	fg		3	by	ve	3	vN						
vN	3	fg		3	by	ve	3	vN					1246	
vN	5	fg		3	by	ve	3	vN					1247	
	2	fg		3	by	ve	2	vN						
	2	fg		4	by	ve	2	vN		2	by			
	2	fg		4	by	ve								
	2	fg		4	by	ve								
	3	fg		4	by	ve								
	3	fg		4	by	ve							1265	
	4	fg		4	by	ve								
	2	fg		3	ve		3	ve					1266	
	2	fg		3	ve		3	ve						
	3	fg		3	ve									
	3	fg		3	ve									
	3	fg		3	ve									
	3	fg		4	ve									
	3	fg		4	ve									
	3	fg		3	ve	bd								

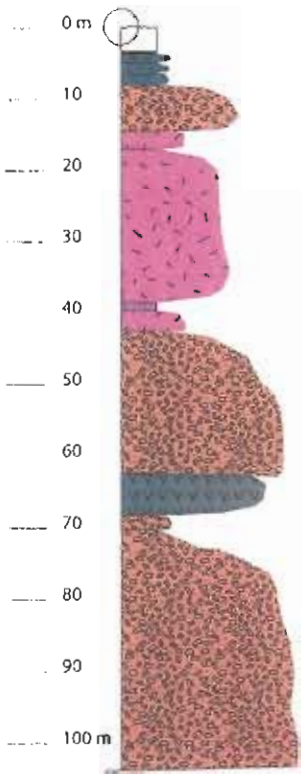
From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint How	Min1 How	Ks Int How
				B093433	83	85	N	S			3	di			
				B093434	85	87	N	G			1	di			
				B093435	87	89	N	G	1	ve	1	di			
				B093436	89	91	N	G			1	di			
				B093437	91	92.35	N	G			1	di			
70.4	70.7	fa	2												
77	82														
82	91														
83.4	84	fa	4												

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		4	ve	bd								
	3	fg		4	ve	bd								
	3	fg		4	ve	by	4	ve						
	3	fg		4	ve	by	3	ve						
	3	fg		3	ve	by	2	ve						

DD 04-925

Project: Mt. Milligan (C48)
Zone: MBX9425
Start Drill: Aug.12-04
End Drill: Aug.13-04
Drilled by: Agressive
Depth: 103.93 **Azimuth:** 270 **Dip:** -45 **E:** 434519.77 **N:** 6109257.11 **RL:** 1120.51
Sample Sequence: B093438 to B093492

Site #: 2 **Twinning:** 88-39
Section N:
Start Log: Aug.14-04
End Log: Aug.16-04
Logged by: AF



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks	Int	How
04-925																			
LAFW	**From (m)** 3.35	**To (m)** 8.2	**Litho1** V2J	**Colour1** N	**Int1** 4	**% Mix** 90	**Litho2** X2E	**Colour2** n	**Int2** 4	**Grain Size** mg									
	Comments Blk, porphyritic, wk ep altered flow(?). Locally appears banded (ash- to lapilli-tuff? or alteration?)																		
				B093439	5	7	u	n			15	ve	2	di					
3.37	3.82	fa	4																
5.02	5.13	fa	4																
6.63	6.63	fa	4																
ANLT	**From (m)** 8.2	**To (m)** 14.7	**Litho1** X2E	**Colour1** N	**Int1** 3	**% Mix** 95	**Litho2** V2J	**Colour2** n	**Int2** 4	**Grain Size** vgc									
	Comments Blk, porphyritic, polymict xl-lapilli-tuff with melano and leucocratic lithic fragments <6 cm. Locally, porphyritic intvls w/out lapilli (flow layers?)																		
				B093441	9	11	N	S	3	di	15	ve	3	di					
				B093442	11	13	N	S	3	di	20	ve	5	ve					
MVHD	**From (m)** 14.72	**To (m)** 17.2	**Litho1** I2F	**Colour1** T	**Int1** 3	**% Mix** 60	**Litho2** X2H	**Colour2** U	**Int2** 4	**Grain Size** mg									
	Comments Irregular, pv alt'd intrusive contact w/ local garnet and pv ksp + abundant qz-magnetite vns																		
				B093444	15	17	T	G	1	di	10	by	4	by	GA	by	6	ma	
MONZ	**From (m)** 17.2	**To (m)** 38.6	**Litho1** I2F	**Colour1** a	**Int1** 2	**% Mix** 100	**Litho2**	**Colour2**	**Int2**	**Grain Size** mg									
	Comments Lt gr-pk, fine/md-grained, bt-monzonite (bt pv/st alt'd to sc-chl). Local st ksp alt'n around qz vns w/ diffuse contacts.																		
				B093446	19	21	A		3	di	10	di					3	ma	
				B093447	21	23	A		7	di	5	di	2	di			3	ma	
				B093448	23	25	A		10	di	5	di	2	di			3	ma	
				B093449	25	27	A		7	di	7	di	2	di			4	ma	
				B093450	27	29	A		10	di	7	di	1	di			4	ma	
				B093451	29	31	A		10	di	7	di	1	di			4	ma	
				B093452	31	33	A		10	di	7	di	1	di			4	ma	

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
										4	by			Flt clay intvls <12 cm.
	2	fg		3	by	ve	2	ve		4	by			
	2	fg		3	by	ve	2	ve					1273	
	2	fg					4	ve	ma				1274	
							2	ma						
							2	ma						
							2	ma						
							2	ma						
							2	ma					1275	
							3	ma						
							3	ma						

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
				B093453	33	35	A		10	di	7	di	1	di			4	ma
				B093454	35	37	A		5	di	1	di	2	di			4	ma
				B093455	37	38.63	A		3	ve	1	di	2	di			4	ma

MONZ From (m) 38.63 To (m) 39.8 Litho1 I2 Colour1 a Int1 4 % Mix 100 Litho2 Colour2 Int2 Grain Size cg

Comments Dk gr to blk, coarse/md-grained, ksp-monzonite(?). Blk fine-grained bt-rich matrix + microcline(?) xls <1 cm. Py and cp restricted to stringers.

				B093456	38.63	39.75	N		1	ve			2	di				

HPDR From (m) 39.75 To (m) 42.7 Litho1 I2F Colour1 a Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Lt gr, md/wk ksp alt'd hb-monzonite.

				B093457	39.75	41.5	A		10	di							3	ma
				B093458	41.5	42.67	A	n	10	di							3	ma

ANLT From (m) 42.67 To (m) 62.6 Litho1 X2H Colour1 n Int1 3 % Mix 90 Litho2 V2J Colour2 n Int2 4 Grain Size cg

Comments Locally porph. blk sections <80 cm and dk gr and s&p lapilli xl tuff, polymict.

				B093461	42.67	44	N	S	7	di	10	di					3	ma
				B093462	44	46	N	S	7	by	2	ve						
				B093463	46	48	N	S	3	di	20	di					3	ma
				B093464	48	50	N	S	5	di	15	di					3	ma
				B093465	50	52	N	S	1	di	7	di					2	ma
				B093466	52	54	N	S	10	di	7	di					2	ma
				B093467	54	56	N	S	10	di	5	di					1	ma
				B093468	56	58	N	S	1	di	3	di	3	fg			2	ma
				B093469	58	60	N	S	1	di	15	di	3	fg			2	ma
				B093471	60	62	N	S	7	di	5	di	3	ve			3	vN

How2	Btl nt	How	How2	Ca Int	How	How2	Sl Int	How	How2	Ep Int	How	How2	Photo #	Comments
vn							3	ma	vn					
vn							3	ma	vn					
vn							3	ma	vn					
													1276	
													1277	
				3	by									
				4	by									
				4	by									
				4	by									
	2	fg		4	by									
	2	fg		4	by									
	3	fg		4	by									
	3	fg		4	by		3	ve						
	3	fg		4	by		3	ve		3	by			
	3	fg		4	by		3	ve		4	by			

From	To	Struct	Int
LAFW	From (m) 62.56	To (m) 68.4	Litho1 V2J
	Comments	black porphyritic augite-phyric andesite flow.	
HTDF	From (m) 70.45	To (m) 104	Litho1 X2H
	Comments	Gr and blk-gr polymict lapilli tuff.	
	70.45	70.5	fa 3
	73.6	73.61	
	73.8	73.81	
	73.85	73.86	
	73.86	73.87	
	73.9	73.91	
	74	74.1	

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Min1	How	Ks	Int	How
B093473	64	66	N	S	5	di	3	di	1	ve					
B093474	66	68	N	S	5	di	3	ve	1	ve					
Colour1 n	Int1 4	% Mix 100	Litho2	Colour2	Int2	Grain Size mg									
Colour1 a	Int1 3	% Mix 100	Litho2	Colour2	Int2	Grain Size vgc									
B093477	72	74	N	S	5	by	20	di	3	ve			2	vN	
B093478	74	76	N	S	5	by	10	ve	3	ve			2	vN	
B093479	76	78	N	S	3	by	5	ve	3	ve			3	ma	
B093480	78	80	N	S	15	ve	7	ve	3	di			2	ma	
B093481	80	82	N	S	5	by	15	ve	3	di			1	ma	
B093482	82	84	N	S	5	by	15	ve	3	di			3	ma	
B093483	84	86	N	S	10	by	15	by	4	di			2	ma	
B093484	86	88	N	S	3	by	1	di	4	di			2	ma	
B093485	88	90	N	S	7	by	3	di	4	di			2	ma	
B093486	90	92	N	S	10	by	7	ve	4	di			2	ma	
B093487	92	94	N	S	10	by	15	by	4	di			2	ma	
B093488	94	96	N	S	7	by	15	ve	4	di			2	ma	
B093489	96	98	N	S	3	by	7	di	4	di			4	ma	
B093490	98	100	N	A	5	by	3	di	4	di			4	ma	
B093491	100	102	N	A	5	by	5	di	4	di			3	ma	
B093492	102	103.92	N	A	5	by	5	ve	4	di			3	ma	

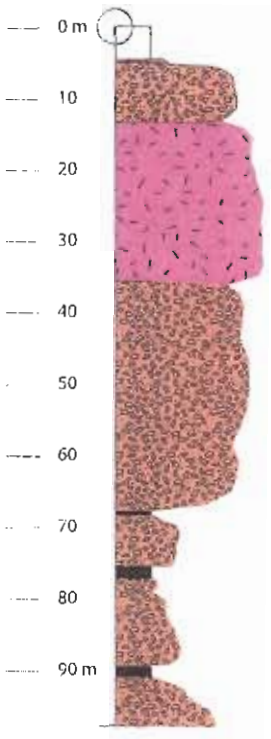
Row2	Btl Int	Bow	Bow2	Ca Int	Bow	Bow2	Si Int	Bow	Bow2	Ep Int	Bow	Bow2	Photo #	Comments
	3	fg		4	by		3	ve						
	3	fg		4	by		3	ve						
	3	fg		4	by		2	ve						
	4	fg		4	by		2	ve						
	4	fg		4	by		2	ve						
	4	fg		4	by		2	ve						
	4	fg		4	by		2	ve						
	4	fg		4	by		3	ve						
	3	fg		4	by		2	ve						
	3	fg		4	by		2	ve						
	3	fg		4	by		2	ve						
	3	fg		4	by		2	ve						
	3	fg		4	by		2	ve						
	3	fg		4	by									
	3	fg		4	by									
	4	fg		4	by								1278	
	4	fg		3	by									
	4	fg		3	by									

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks	Int	How
74.01	74.02																		
74.3	74.31																		
74.5	74.51																		
75	75.01																		
75.2	75.21																		
76	76.01																		
76.1	76.11																		
76.2	76.21																		
76.21	76.23																		
76.3	76.31																		
76.31	76.32																		
76.32	76.33																		
76.5	76.51																		
76.51	76.52																		
76.7	76.71																		
76.71	76.72																		
76.8	76.81																		
76.9	76.91																		
77.1	77.11																		
77.11	77.12																		
77.9	77.91																		
78.4	78.41																		
78.5	78.51																		
78.7	78.71																		
78.9	78.91																		
79.5	79.51																		

DD 04-926

Project: Mt. Milligan (C48)
Zone: MBX9425
Start Drill: Aug.14-04
End Drill: Aug.15-04
Drilled by: Agressive
Depth: 97.8 **Azimuth:** 270 **Dip:** -45 **E:** 434515.29 **N:** 6109241.82 **RL:** 1121.04
Sample Sequence: B093493 to B093545

Site #: 8 **Twinning:** 88-26
Section N:
Start Log: Aug.16
End Log: Aug.17
Logged by: AF



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
04-926																		
APXT	**From (m)** 4.59	**To (m)** 13.5	**Litho1** X2H	**Colour1** a	**Int1** 4	**% Mix** 90	**Litho2** V2J	**Colour2** n	**Int2** 4	**Grain Size** vgc								
	Comments Dk gray to blk, polymict(?) crystal lapilli tuff. Lithic clasts <4 cm, w/ porphyritic, md-grained intervals.																	
				B093493	4.59	6	n	s	5	di	15	ve	1	di				
				B093494	6	8	n	s	5	di	15	ve	1	di				
				B093495	8	10	n	s	7	by	15	ve	3	by				
				B093496	10	12	n	s	3	by	20	ve	3	by			3	ma
				B093497	12	13.43	G	N	3	by	20	ve	3	by			3	ma
4.59	13.4																	
4.59	13.43																	
4.88	5	fa	4															
MONZ	**From (m)** 13.45	**To (m)** 35.7	**Litho1** I2F	**Colour1** a	**Int1** 2	**% Mix** 100	**Litho2**	**Colour2**	**Int2**	**Grain Size** mg								
	Comments Lt gr-wt, fine/md-gd bt-monzonite. Local st/pv ksp+/-sil alt'd and bx'd (cc healed).																	
				B093501	15	17	A	W	7	ve	3	di					3	ma
				B093502	17	19	A	W	3	di	10	di					3	ma
				B093503	19	21	A	W	7	di	5	di					3	ma
				B093504	21	23	A	W	7	di	3	di					3	ma
				B093505	23	25	A	W	7	di	3	di					4	ma
				B093506	25	27	A	W	3	di	1	di					4	ma
				B093507	27	29	A	W	7	ve	1	di					3	ma
				B093508	29	31	A	W	7	by	3	di					3	ma
				B093509	31	33	A	W	7	by	3	di	1	by			4	ma
				B093511	33	35	A	W	2	by	1	di	1	by			4	ma
23.5	25																	
ANLT	**From (m)** 35.74	**To (m)** 97.8	**Litho1** X2H	**Colour1** n	**Int1** 3	**% Mix** 90	**Litho2** V2J	**Colour2** n	**Int2** 4	**Grain Size** vgc								
	Comments Blk to gr+wt + s&p, polymict(?) lapilli xl tuff w/ rare leucocratic (py-rich) and abundant melanocratic lithic fragments < 4 cm.																	

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		3	ve		3	ve						
	3	fg		2	ve		3	ve						
	3	fg		2	ve		3	ve						
	3	fg		2	ve		3	ve		5	by			
	3	fg		2	ve		2	ve		2	by			
				2	ve		2	ve						
				2	ve		2	vn					1279	
vn				2	ve		2	vn						
vn				2	ve		2	vn						
vn				4	ve		2	vn					1280	loc c-cpy bx
vn							2	vn						
vn							2	vn						
vn							2	vn						
vn							2	vn						
vn							2	vn						

From	To	Struct Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mln1	How	Ks Int	How
			B093513	37	39	S	N	7	di	5	di					2	by
			B093514	39	41	S	N	7	di	10	di					2	by
			B093515	41	43	S	N	7	by	10	di					2	by
			B093516	43	45	S	N	7	by	15	di					3	by
			B093517	45	47	S	N	7	ve	7	ve					3	by
			B093518	47	49	S	N	10	by	7	ve					3	by
			B093519	49	51	N	G	10	by	7	ve					2	by
			B093520	51	53	N	G	12	by	7	ve	4	ve			2	by
			B093521	53	55	N	G	12	by	15	by	2	ve			4	by
			B093522	55	57	N	G	10	by	15	ve					4	by
			B093523	57	59	N	G	7	by	20	by					4	by
			B093524	59	61	N	S	3	by	15	by					4	by
			B093525	61	63	N	S	10	by	7	by					4	by
			B093526	63	65	N	S	5	by	15	ve	4	by			4	by
			B093527	65	67	N	S	7	by	15	ve	1	fg			1	by
			B093528	67	69	N	S	7	by	15	di	1	fg			3	by
			B093529	69	71	A	N	10	di	5	di	1	fg			4	ma
			B093530	71	73	n	s	5	di	20	di	2	by			4	ma
			B093531	73	75	n	s	5	di	7	ve					4	ma
			B093532	75	77	n	s	5	ve	3	by	1	fg			2	ma
			B093533	77	79	n	s	5	by	3	ve						
			B093534	79	81	a	s	7	by	10	ve	1	fg			2	vn
			B093535	81	83	N	s	10	by	7	by	1	fg				
			B093536	83	85	N	s	1	di	5	ve	1	fg				
			B093537	85	87	N	s	1	di	7	di	2	ve			2	ma
			B093538	87	89.46	N	s	2	by	7	by	1	fg				
			B093541	89.46	91.04	G	s			7	di						
			B093542	91.04	93	G				7	di	3	ve				
			B093543	93	95	N	S	3	by	10	by	3	ve				
			B093544	95	97	N	S	1	by	5	by						
			B093545	97	97.84	N	S			10	ve						
35.74	67.9																
47	55																
55	59																

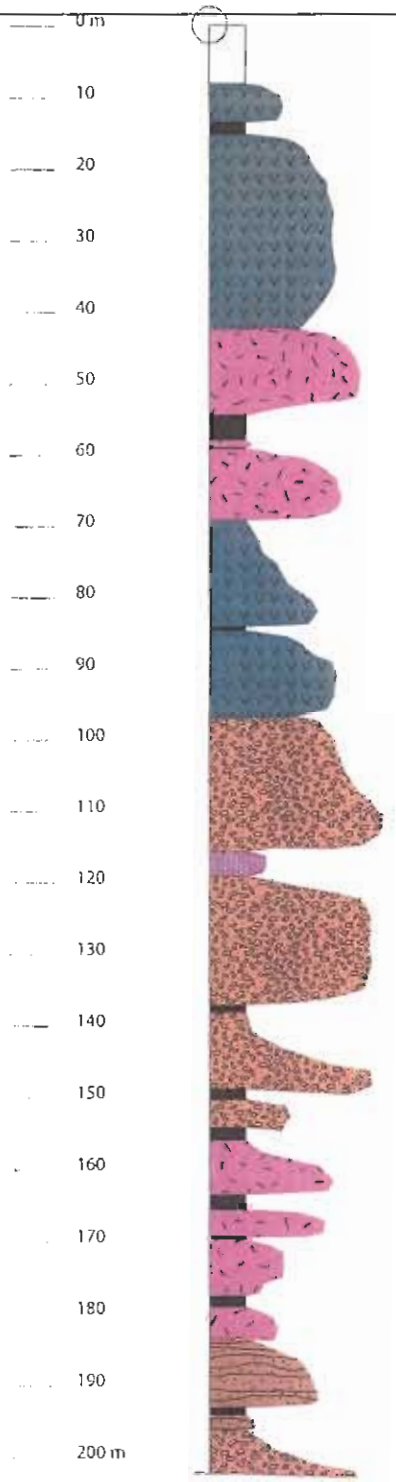
How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		3	ve	by	2	vn						
	3	fg		3	ve	by	2	vn						
	3	fg		3	ve	by	3	vn						
	3	fg		3	ve	by	3	vn						
	3	fg		3	ve	by	3	vn						
	3	fg		4	ve	by	2	vn		2	by			
	3	fg		4	ve	by	2	vn		2	by			
	3	fg		4	ve	by	2	vn		2	by			
	4	fg		4	ve	by	2	vn		2	by			
	4	fg		4	ve	by	3	vn		3	by			
	4	fg		4	ve	by	3	vn		6	by			
	4	fg		4	ve	by	3	vn		6	by			
vn	4	fg		4	ve	by	3	vn		6	by			
vn	4	fg		4	ve	by	3	vn		3	by			
vn	4	fg		3	ve	by	3	vn						
vn	4	fg		3	ve	by	3	vn						
	4	fg		3	ve	by								
	3	fg												
	3	fg					4	ve						
	3	fg		2	ve									
	3	fg		4	ve									
	3	fg		2	ve									
	3	fg		2	ve		4	vn						
	3	fg		2	ve									
	4	fg		2	ve									
				2	ve									
				4	ve									post-mineral bx
				4	ve									
	3	fg		4	ve									
	3	fg		3	ve	by								
	2	fg		3	ve	by								

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mln1	How	Ks	Int	How
61	62.5																		
61	63																		
67.93	68.4	fa	2																
71	90.5																		
73	75																		
75.6	77.32	fa	3																
89.46	91.14	fa	4																
90.5	92																		

DD 04-927

Project: Mt. Milligan (C48)
Zone: M8X9400
Start Drill: Aug. 15-04
End Drill: Aug. 18-04
Drilled by: Agressive
Depth: 202.08 **Azimuth:** 270 **Dip:** -70 **E:** 434577.85 **N:** 6109249.06 **RL:** 1113.22
Sample Sequence: B093546 to B093653

Site #: 6 **Twinning:** 88-99
Section N:
Start Log: Aug. 18-04
End Log: Aug. 20-04
Logged by: AF



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mlnl	How	Ks	Int	How
04-927																			
LAFW	**From (m)** 8.08	**To (m)** 13.4	**Litho1** V2J	**Colour1** S	**Int1** 4	**% Mix** 90	**Litho2** X2G	**Colour2** n	**Int2** 4	**Grain Size** mg									
	Comments S&P, md/coarsely porphyritic flow(?) or crystal tuff?																		
				B093546	8.08	10	s	n			25	ve	3	ve					
				B093547	10	12	s	n			30	ve	3	ve					
				B093548	12	13.4	s	A			25	ve	4	ve					
8.08	8.2	fa	4																
LAFW	**From (m)** 13.4	**To (m)** 15.2	**Litho1** M4B	**Colour1** a	**Int1** 2	**% Mix** 100	**Litho2**	**Colour2**	**Int2**	**Grain Size** vgc									
	Comments Md/lt gr-wt bx'd and qz vn'd flow(?) -very broken core (md fault)																		
				B093549	13.4	15.2	T	N	3	ve	15	ve	5	ve			4	ma	
13.4	15.2	fx	3																
LAFW	**From (m)** 15.2	**To (m)** 42.4	**Litho1** V2J	**Colour1** n	**Int1** 4	**% Mix** 100	**Litho2**	**Colour2**	**Int2**	**Grain Size** mg									
	Comments Dk gr to blk, fine- to md-grained, porphyritic (s&p colour), Local abundant qz+/-mt vns.																		
				B093551	15.2	17	S	N	3	by	15	ve	4	ve					
				B093552	17	19	S	N	3	by	15	ve	4	ve					
				B093553	19	21	S	N	3	by	15	ve	4	ve					
				B093554	21	23	S	N	1	by	20	ve	4	ve					
				B093555	23	25	g	N	1	by	15	ve	4	ve					
				B093556	25	27	g	N	1	by	15	ve	4	ve					
				B093557	27	29	g	N	3	di	20	ve	4	ve					
				B093558	29	31	s	N	5	di	15	ve	3	ve					
				B093559	31	33	s	N	5	di	25	ve	5	ve					
				B093560	33	35	s	N	1	di	25	ve	5	ve			2	ma	
				B093561	35	37	s	N	1	di	20	ve	3	ve					
				B093562	37	39	s	N	1	di	25	ve	5	ve					
				B093563	39	41	s	N	1	di	20	ve	3	ve					

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		4	by									abundant py strgrs + dissem
	3	fg		4	by		4	ve						
	3	fg		4	by		3	ve						
				3	ve		3	ve					1310	mt-bx
	3	fg		4	by	ve								
	3	fg		4	by	ve								
	3	fg		4	by	ve				2				
	3	fg		4	by	ve				4				
	3	fg		4	by	ve				4	by		1311	
	3	fg		4	by	ve				3	by			
	3	fg		4	by	ve				2	by			
	4	fg		4	by	ve								
	4	fg		4	by	ve								
	4	fg		4	by	ve								
	4	fg		4	by	ve	2	ve						
	4	fg		4	by	ve	2	ve						
	3	fg		4	by	ve								

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093564	41	42.36	s	N	5	vn	15	ve	2	ve					
19	24																		
19.5	19.51																		
19.6	19.61																		
19.62	19.63																		
19.63	19.64																		
19.64	19.65																		
19.7	19.71																		
19.8	19.81																		
19.81	19.82																		
19.9	19.91																		
19.91	19.92																		
19.92	19.93																		
19.93	19.94																		
19.94	19.95																		
20	20.01																		
20.15	20.16																		
20.2	20.21																		
20.21	20.22																		
20.4	20.41																		
20.41	20.42																		
20.5	20.51																		
20.6	20.61																		
20.65	20.66																		
20.66	20.67																		
20.67	20.68																		
20.68	20.69																		
20.75	20.75																		
20.76	20.77																		
20.77	20.78																		
20.78	20.79																		
20.85	20.86																		
20.86	20.87																		
20.87	20.88																		

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		5	by	ve								

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
20.88	20.89																		
20.89	20.9																		
20.9	20.91																		
21.5	21.51																		
21.51	21.52																		
21.52	21.53																		
21.53	21.54																		
21.54	21.55																		
21.55	21.56																		
21.56	21.57																		
21.57	21.58																		
22	22.01																		
22.1	22.11																		
22.11	22.12																		
22.12	22.13																		
22.13	22.14																		
22.3	22.31																		
22.31	22.32																		
22.32	22.33																		
22.33	22.34																		
22.34	22.35																		
22.35	22.36																		
22.36	22.37																		
22.37	22.38																		
22.38	22.39																		
24	33.5																		
25	33.5																		

HMZP	From (m)	42.36	To (m)	69.1	Litho1	I2F	Colour1	a	Int1	2	% Mix	100	Litho2	Colour2	Int2	Grain Size	mg

Comments Lt *gr* bt-monzonite, local abundant qz-cc vns/wk bx.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
B093565	42.36	44	A	G			10	ve					2		vn
B093566	44	46	A		3	di	5	di					2		vn
B093567	46	48	A		3	ve	7	di					2		vn

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
ma	3	fg		2	ve									
ma				2	ve		3	ve						
ma				2	ve		3	ve						

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
				B093568	48	50	A		1	di	5	di					3	ma
				B093569	50	52	A		1	di	5	di					3	ma
				B093570	52	54	A				7	ve					3	ma
				B093571	54	56	A		7	di	7	ve					3	ma
				B093572	56	58	A		7	di	7	ve					3	ma
				B093573	58	60	A	w	1	di	15	ve					4	ma
				B093574	60	62	A	w	1	di	5	ve					4	ma
				B093575	62	64	A	w	1	di	5	ve	2	di			4	ma
				B093576	64	66	A	S	5	di	7	di					2	ma
				B093577	66	68	A	S	5	ve	7	di					3	ma
				B093578	68	69.1	A	S	5	ve	7	di					3	ma
54.4	57.87	fa	3															
57	69																	

LPXT **From (m)** 69.1 **To (m)** 97.2 **Litho1** V2J **Colour1** n **Int1** 4 **% Mix** 90 **Litho2** X2G **Colour2** n **Int2** 3 **Grain Size** mg

Comments Blk, porphyritic, locally st ksp altered, flow(?) or interbedded flow (dominant) w/ subordinate dk gr and wt crystal tuff(?).

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
				B093581	69.1	71	A	S	5	ve	1	di					2	ma
				B093582	71	73	N	S	7	ve	3	di						
				B093583	73	75	N	S	20	di	3	di	2	fg				
				B093584	75	77	N	S	25	di	5	di	2	fg				
				B093585	77	79	N	S	25	di	3	di	2	fg			2	ma
				B093586	79	81	N	S	15	ve	10	di	3	ve			2	ma
				B093587	81	83	N	S	5	ve	25	di	5	ve			2	ma
				B093588	83	85	N	S	3	di	20	by	5	ve			2	ma
				B093589	85	87	N	S	3	di	10	by	3	ve			2	vn
				B093591	87	89	N	S	7	by	10	ve			ab	by	3	vn
				B093592	89	91	N	S	15	by	5	ve						
				B093593	91	93	N	S	15	ve	5	ve					2	by
				B093594	93	95	N	S	15	di	10	di					2	by
				B093595	95	97	N	S	15	di	10	di					2	by
69.1	89.4																	
84.47	84.6	fa	3															

How2	Btl nt	How	How2	Ca Int	How	How2	Sl Int	How	How2	Ep Int	How	How2	Photo #	Comments
				3	ve									
				4	ve		4	ve						
				4	ve		4	ve						broken core; flt
				3	ve		5	ve						
				4	ve		5	ve	ma					
				4	ve		5	ve	ma					
				2	ve									
				2	ve									
				3	ve									
				3	ve									
	3	fg		3	by									
	4	fg		3	by									
	4	fg		3	by									
	4	fg		4	by	ve	4	ve						cpy replacin auite
	4	fg		4	by	ve	4	ve						
	4	fg		2	by	ve	4	ve						
	4	fg		4	by	ve	2	ve						
	4	fg		4	by	ve								
	3	fg		4	by	ve								local yellow-white alb(?) patches
	3	fg		5	by	ve								local wk cc bx intvl <20 cm
	3	fg		5	by	ve	3	ve						
	3	fg		5	by	ve	2	ve						
	3	fg		5	by	ve	2	ve						

From	To	Struct	Int			Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
LPXT	From (m)	97.2	To (m)	116	Litho1	X1H	Colour1	a	Int1	4	% Mix	100	Litho2		Colour2		Int2		Grain Size	vgc	
	Comments	Gray and wt + s&p xl lapilli tuff.																			
						B093597	99	101	N	S	5	di	10	di	2	fg			2	by	
						B093598	101	103	N	S	1	di	10	di	2	fg			2	by	
						B093599	103	105	N	S	1	di	7	di	2	fg			2	by	
						B093600	105	107	N	S	1	di	5	di	2	fg			2	by	
						B093601	107	109	N	S	1	ve	5	di	4	di			2	by	
						B093602	109	111	N	S	1	by	10	by	4	by			2	by	
						B093603	111	113	N	S	5	by	10	by	2	di			2	by	
						B093604	113	115	N	T	7	by	15	ve	2	di					
104	113																				
104.59	104.6																				
104.6	104.6																				
104.62	104.6																				
104.63	104.6																				
104.64	104.6																				
105.1	105.1																				
105.12	105.1																				
105.13	105.1																				
105.14	105.1																				
105.15	105.1																				
105.16	105.1																				
105.17	105.1																				
105.18	105.1																				
105.21	105.2																				
105.22	105.2																				
105.23	105.2																				
105.24	105.2																				
105.6	105.6																				
105.61	105.6																				
105.63	105.6																				
105.64	105.6																				

How2	Btl int	How	How2	Ca int	How	How2	Si int	How	How2	Ep int	How	How2	Photo #	Comments
	3	fg		2	by	ve								
	3	fg		3	by									
	3	fg		3	by									
	3	fg		3	by									
	3	fg		3	by									
	3	fg		3	by									
	3	fg		4	ve	by				3	by			
	3	fg								3	by			

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Mln1	How	Ks Int	How
105.65	105.6																	
105.66	105.6																	
105.67	105.6																	
105.68	105.6																	
106.1	106.1																	
106.11	106.1																	
106.12	106.1																	
106.13	106.1																	
106.14	106.1																	
106.31	106.3																	
106.32	106.3																	
106.33	106.3																	
106.34	106.3																	
106.35	106.3																	
106.36	106.3																	
106.37	106.3																	
107.01	107.0																	
107.02	107.0																	
107.51	107.5																	
107.52	107.5																	
107.53	107.5																	
107.6	107.6																	
107.61	107.6																	
107.62	107.6																	
107.63	107.6																	
107.64	107.6																	
107.65	107.6																	
107.66	107.6																	
107.67	107.6																	
107.68	107.6																	
108.2	108.2																	
108.21	108.2																	
108.22	108.2																	
108.23	108.2																	

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mint	How	Ks	Int	How
108.24	108.2																		
108.25	108.2																		
108.26	108.2																		
109.01	109.0																		
109.02	109.0																		
109.03	109.0																		
109.5	109.5																		
109.51	109.5																		
109.52	109.5																		
109.53	109.5																		
109.54	109.5																		
110.6	110.6																		
110.61	110.6																		
110.62	110.6																		
111	111.0																		
111.01	111.0																		
111.02	111.0																		

DRPD From (m) 115.7 To (m) 119 Litho1 I2 Colour1 a Int1 4 % Mix 100 Litho2 Colour2 Int2 Grain Size vfg

Comments Dk gr porphyritic post-mineral dike(?) of andesitic composition, or andesite flow(?)

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mint	How	Ks	Int	How
B093606	117	119.04	N	S	1	di	7	ve	4	di					

ANLT From (m) 119.0 To (m) 156 Litho1 X2H Colour1 a Int1 3 % Mix 100 Litho2 Colour2 Int2 Grain Size vgc

Comments Lt to md gr and blk crystal lapilli tuff w/ lithic fragments <8 cm.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mint	How	Ks	Int	How
B093607	119.04	121	N	S	10	by	7	by							
B093608	121	123	N	S	10	by	7	ve	5	by					
B093609	123	125	N	S	10	by	7	ve					2	ma	
B093610	125	127	N	A	7	di	10	di					2	ma	
B093611	127	129	N	S	1	di	15	ve	3	by			2	ma	
B093612	129	131	N	W	1	di	10	by	3	by			3	ma	
B093613	131	133	N	S			20	ve							

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		2	by					3	by			
	3	fg		2	by					5	by		1321	
	3	fg												
	3	fg		3	ve		3	ma						
	3	fg		3	ve		3	ma		2	by			
	3	fg		3	ve		3	ma		4	by			
	3	fg		3	ve		4	ma		4	by			
	3	fg		3	ve		4	ma		3	by			

From	To	Struct	Int
121	123		
128	131		
137.07	138.1	fa	2
148.7	150.2	fa	3
154.05	155.9	fa	3

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mint	How	Ks Int	How
B093614	133	135	N	S			10	di					3	ma
B093615	135	137	N	S	5	by	15	ve	2	fg			3	ma
B093616	137	139	N	S	1		7	ve					3	ma
B093617	139	141	N	S	10	by	7	di	3	by				
B093618	141	143	N	S	7	by	5	ve	2	fg			3	ma
B093621	143	145	N	S	10	by	10	ve	3	ve			3	ma
B093622	145	147	N	t	10	by	7	di					4	ma
B093623	147	148.7	N	t			5	by					4	ma
B093624	148.7	150.2	N	S			7	by						
B093625	150.2	152	N	S			7	by	4	ve			3	ma
B093626	152	154	N	S			10	di	4	ve			2	ma
B093627	154	155.9	N	T			7	ve					3	ma

LPXT **From (m)** 155.9 **To (m)** 183 **Litho1** V2J **Colour1** U **Int1** 2 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** vfg

Comments Md gr-blue to brown-gr, fine-grained to aphanitic, locally pv sil and bt alt'd flow(?) or monzonite(?) or more felsic intrusion(?). Weakly foliated, with disseminated pyrite and ksp alteration concentrated *along foliation.*

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mint	How	Ks Int	How
B093628	155.9	157	T	A			10	di			ab	ma	4	ma
B093629	157	159	A	B			10	di						
B093631	159	161	A	B	1	di	7	di					4	ma
B093632	161	163	A	B			3	di					4	ma
B093633	163	165	A	B			7	di						
B093634	165	167	U	A			5	di					4	ma
B093635	167	169	U	A	1	di	7	di	3	ve			4	ma
B093636	169	171	U	A	1	di	5	di	3	ve			4	ma
B093637	171	173	U	A	1	di	5	di					5	ma
B093638	173	175	U	A	1	di	5	di					5	ma
B093639	175	177	U	A			5	ve					5	ma
B093640	177	179	T	A			3	di					5	ma
B093641	179	181	L	A			3	di					5	ma

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		2	ve		4	ma		2	by			
	3	fg		2	by	ve								
	3	fg		2	by	ve	2	ve	ma					
	4	fg		4	by	ve								
	3	fg		3	by	ve	2	ve						
	3	fg		3	by	ve	2	ve		4	by			
	4	fg		2	by	ve	2	ve		4	by			
	2	fg		2	by		3	ve	ve	3	by			
				2	by		3	ma						flt
	3	fg		3	by		2	ma						
	3	fg		3	by									
	4	fg		2	by		3	ve						
	4	fg		2	by		4	ve						
							5	ma						
ve				4	ve		4	ma						
ve				4	ve		4	ma						
				4	ve		4	ma						
	4	fg		2	ve		4	ma						
	4	fg		2	ve		4	ma						
	5	fg		2	ve		5	ma						
	5	fg		2	ve		5	ma	ve					
	5	fg		4	ve		5	ma	ve					
	5	fg		3	ve		5	ma	ve					
	3	fg		3	ve		5	ma						
				3	ve		5	ma						

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Min1	How	Ks Int	How
				B093642	181	183.39	U	A	1	di	10	di					4	ma
163.4	165.5	fa	2															
169	183																	
169.3	169.7	fa	3															
177.4	179	fa	3															

TRBT From (m) 183.4 To (m) 194 Litho1 X2G Colour1 U Int1 3 % Mix 100 Litho2 Colour2 Int2 Grain Size vfg

Comments Banded, md- to dk-br and gr ash tuff, with colour bands/beds <3 cm. Abundant disseminated py along banding (syngenetic?)

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Min1	How	Ks Int	How
				B093643	183.39	185	N	U			7	di	3	di				
				B093644	185	187	N	U			10	di	3	di				
				B093645	187	189	N	U			25	di	3	di				
				B093646	189	191	N	U			20	di	3	di				
				B093647	191	192.86	N	U			20	di	3	di				
				B093648	192.86	193.95	T	G			1	di	4	by			3	ma
192.87	192.9	fa	4															

HTDF From (m) 194 To (m) 202 Litho1 X2E Colour1 a Int1 3 % Mix 100 Litho2 Colour2 Int2 Grain Size vgc

Comments Green-gr to gray and wt, coarse lapilli to polymict block-and-ash tuff. Leucocratic (subordinate) and melanocratic (dominant) lithic fragments <6 cm.

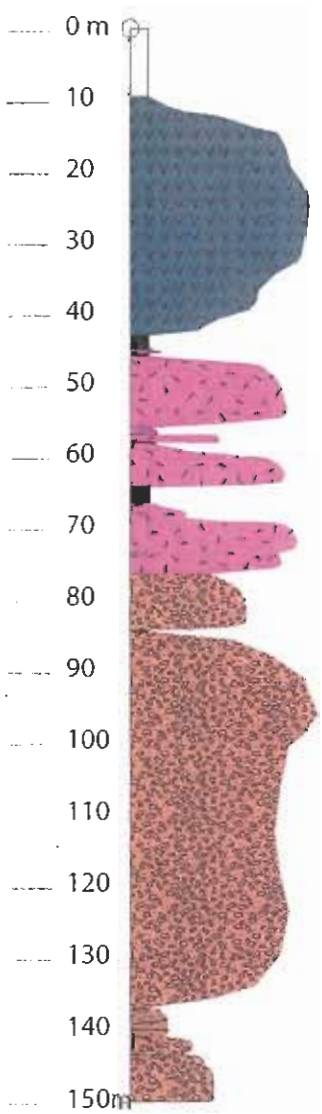
From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Min1	How	Ks Int	How
				B093649	193.95	195	N	U			5	di					2	ma
				B093650	195	197	N	U			3	by						
				B093651	197	199	N	S			25	di					2	by
				B093652	199	201	G	A			15	di					2	by
				B093653	201	202.08	G	A	10	di	15	di					2	by
193.95	196.1	fa	3															

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
ve	4	fg		3	ve			ma						
	3	fg		2	by									
	3	fg		2	by		2	ve						
	3	fg		2	by		2	ve						
	3	fg		2	by		2	ve						
	3	fg		2	by		2	ve						
	3	fg		4	by									
	4	fg		3	ve									
	3	fg		3	ve									flt
	3	fg		3	ve									
	3	fg		2	ve									
	3	fg		2	ve									

DD 04-928

Project: Mt. Milligan (C48)
Zone: MBX9400
Start Drill: Aug.20-04
End Drill: Aug.23-04
Drilled by: Agressive
Depth: **Azimuth:** 270 **Dip:** -45 **E:** 434577.85 **N:** 6109249.06 **RL:** 1113.22
Sample Sequence: B0936571o B093736

Site #: 6 **Twinning:** 88-30
Section N:
Start Log: Aug.23-04
End Log: Aug.27-04
Logged by: AF



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
04-928																		
LAFW	**From (m)** 9.5	**To (m)** 45.1	**Litho1** V2J	**Colour1** N	**Int1** 4	**% Mix** 100	**Litho2**	**Colour2**	**Int2**	**Grain Size** mg								
	Comments Black, porphyritic (cc + local actinolite after augite). Abundant py dissem (replacing augite sites) and veinlets.																	
				B093657	9.5	11	n	s	1	di	25	ve	2	di				
				B093658	11	13	n	s	1	di	25	ve	3	di				
				B093661	13	15	n	s	5	by	25	ve	2	di			2	by
				B093662	15	17	n	s	1	di	10	ve	4	by			2	by
				B093663	17	19	n	s	1	di	15	ve	4	by				
				B093664	19	21	n	s	1	di	15	ve	4	by				
				B093665	21	23	n	s	5	di	15	ve	4	by				
				B093666	23	25	n	s	1	di	15	ve	4	by				
				B093667	25	27	n	s	1	di	15	ve	4	by				
				B093668	27	29	n	s	1	di	10	ve	4	by				
				B093669	29	31	n	s			25	ve	4	by			2	ma
				B093671	31	33	n	s			25	ve	5	by				
				B093672	33	35	n	s			25	ve	5	by			2	ma
				B093673	35	37	n	s			25	ve	5	by				
				B093674	37	39	n	s	1	di	15	ve	4	by				
				B093675	39	41	n	s	5	by	15	ve	5	by				
				B093676	41	42.97	n				5	by	2	by				
				B093677	42.97	45.13	n	s			20	by	2	by				
10	21																	
14	18																	
22	43																	
34	41																	
42.97	44.8	fa	4															
MONZ	**From (m)** 45.13	**To (m)** 55.9	**Litho1** I2F	**Colour1** A	**Int1** 2	**% Mix** 100	**Litho2**	**Colour2**	**Int2**	**Grain Size** mg								
	Comments Light gray to blue-gray, md to st sil-ksp altered, bt-monzonite.																	

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		3	by									
	3	fg		3	by									
	3	fg		3	by									Local md ksp alt'd patches
	3	fg		3	by									
	4	fg	ma	3	by									
	4	fg	ma	3	by									patches of lt green actinolite <1 cm
	4	fg	ma	3	by									
	4	fg	ma	3	by					3	by			
	3	fg	ma	3	by		2	ve		4	by	ma		
	3	fg	ma	3	by		2	ve		4	by	ve		
	3	fg	ma	4	by		2	ve		4	by	ve		
	3	fg	ma	3	by		2	ve		4	by	ve		
	3	fg	ma	3	by		2	ve		4	by	ve		local md ksp alt'd patches
	3	fg	ma	3	by	ve				4	by	ve		
	3	fg	ma	3	by	ve								
	3	fg	ma	3	by	ve								
	3	fg	ma	2	by	ve								post mineral dike?
	3	fg	ma	2	by	ve				2	ve			

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks	Int	How
				B093678	45.13	47	A	T	3	di	5	di					2		ma
				B093679	47	49	A	W	5	di	1	di					3		ma
				B093680	49	51	A	W	5	di	1	di					3		ma
				B093681	51	53	A	W	5	di	1	di					3		ma
				B093682	53	55	A	W	5	di	1	di					3		ma
45.51	45.9	fa	4																
49	53.4																		

MONZ From (m) 58.12 To (m) 73.6 Litho1 I2F Colour1 a Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments lt gr bt-monzonite.

				B093685	59	61	A		7	di	3	di					3		ma
				B093686	61	63	A		7	di	3	ve					3		ma
				B093687	63	65	A		10	ve	3	di					4		ma
				B093688	65	66.65	A		5	di	1	di					4		ma
				B093689	66.65	68.02	A		5	di	1	di					4		ma
				B093690	68.02	70	A		7	ve	1	di					3		ma
				B093691	70	72	A		5	ve	1	di					3		ma
				B093692	72	73.56	A		5	ve	1	di					3		ma
64.31	66.65	fa	3																
66.65	68.02																		

MVHD From (m) 73.56 To (m) 76.5 Litho1 I2F Colour1 a Int1 2 % Mix 60 Litho2 V2J Colour2 n Int2 3 Grain Size mg

Comments Irregular contact zone.

				B093693	73.56	75	A		7	ve	1	di	2	ve			4		ma
				B093694	75	76.5	A		5	ve	1	di	2	ve			4		ma

LPXT From (m) 76.5 To (m) 84.4 Litho1 V2J Colour1 n Int1 4 % Mix 20 Litho2 X2G Colour2 n Int2 3 Grain Size mg

Comments Blk to gr and wt, locally porphyritic crystal tuff +/- andesitic flow, md/st ksp altered, locally banded

				B093695	76.5	78	G	t	5	di	15	di					4		ma

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				2	ve					2	ve			
				2	ve									
				2	ve		3	ve						
				3	ve		3	ve						
				3	ve		3	ve						
				3	ve		3	ve						
				2	ve									
	4	fg												
	4	fg												
	4	fg		4	ve									md wt clay + cc strgr bx (wk)
	4	fg												
	3	fg												
	4	fg								3	by			
	3	fg												
	3	fg												
	3	fg												

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093696	78	80	N	S	10	di	7	di					4		ma
				B093697	80	82	N	T	1	di	3	di					4		ma

ANLT **From (m)** 84.35 **To (m)** 137 **Litho1** X2H **Colour1** n **Int1** 3 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** cg

Comments Blk to gr and wt lapilli tuff with local st altered matrix and melanocratic lithic fragments <5 cm.

				B093701	84.56	86	N	S	5	di	7	di					2		ma
				B093702	86	88	N	S	5	di	10	di					2		ma
				B093703	88	90	N	S	1	di	15	ve					2		ma
				B093704	90	92	N	S			3	di					2		ma
				B093705	92	94	N	S			3	di					4		ma
				B093706	94	96	N	S			3	ve					2		ma
				B093707	96	98	N	S			7	ve	3	by					
				B093708	98	100	N	G			10	di					2		by
				B093709	100	102	N				10	di					2		by
				B093711	102	104	N				5	di					2		by
				B093712	104	106	N				5	di					2		by
				B093713	106	108	N	s	1	di	20	di	2	by			2		by
				B093714	108	110	N	s	3	di	15	di					3		by
				B093715	110	112	N	s	7	di	7	di					3		ma
				B093716	112	114	N	s	5	di	10	di	3	by			3		ma
				B093717	114	116	N	s	7	di	10	di	3	by			3		ma
				B093718	116	118	N	s	3	di	10	ve	3	by			3		ma
				B093719	118	120	N	s	5	di	10	di	3	by			3		ma
				B093720	120	122	N	s	3	di	15	di	4	by			3		ma
				B093721	122	124	N	s	5	by	25	di	4	by					
				B093722	124	126	N	s	10	by	15	di	3	by					
				B093723	126	128	N	s	7	by	15	ve	3	by					
				B093724	128	130	N	s	5	di	7	ve	3	by					
				B093725	130	132	N	s	10	by	10	by	3	by			3		ma
				B093726	132	134	N	s	1	di	20	by	2	by			3		ma
				B093727	134	136	N	s	1	di	20	ve	4	ve			3		ma
106	119																		
117.5	117.5																		

How2	Btl Int	How	How2	Ca Int	How	How2	Sl Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg												
	3	fg												
	3	fg												
	3	fg					3	ve						
	3	fg					2	ve						
	2	fg					2	ve						
	3	fg											1329	local st ksp alt'd patches
	3	fg												
	3	fg												
	2	fg												
	2	fg								2	by			
	2	fg								2	by			
	2	fg												
	3	fg					2	ve						
vn	3	fg												
	3	fg												
	4	fg												
	4	fg												
	4	fg												
	3	fg					3	vn						
	4	fg					3	vn						
	5	fg												
	5	fg		3	by									
	5	fg		3	by									
	5	fg		3	by									
	4	fg		3	by					3	ma	by		
	4	fg		4	by					5	ma	by		
	4	fg		4	by					3	ma	by		

From	To	Struct	Int
117.51	117.5		
117.52	117.5		
118	118.0		
118.01	118.0		
118.03	118.0		
118.04	118.0		
118.2	118.2		
129	132		
137.02	137.1	fa	2
84.35	84.56	fa	3
94	104		

TRBT From (m) 137.5 To (m) 141 Litho1 X2E Colour1 U Int1 3 % Mix 100 Litho2 Colour2 Int2 Grain Size vfg

Comments Banded br and lt gr ash tuff; beds <1 cm, with abundant bedded py and local cpy.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Min1	How	Ks	Int	How
B093729	138	140	N	T			15	di					4	ma	

LPXT From (m) 143.5 To (m) 153 Litho1 V2J Colour1 U Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size cry

Comments Lt gr-br-blue, aphanitic, pv bt-ksp-sil alt'd andesitic flow or intrusive rock?

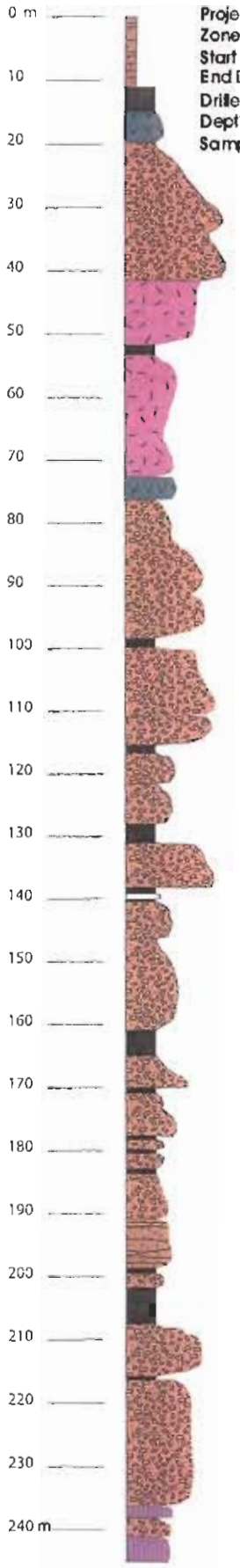
Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Min1	How	Ks	Int	How
B093732	144	146	N	T	1	di	3	di	3	ve	ab	ma	5	ma	
B093733	146	148	N	T	1	di	3	di	3	ve	ab	ma	5	ma	
B093734	148	150	N	T	5	by	3	di			ab	ma	5	ma	
B093735	150	152	A	T	7	di	5	di					5	ma	
B093736	152	152.7	A	T	7	di	5	di	3	by			6	ma	

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	5	fg												py along ash bands
	5	fg											1337	
	6	fg												
	6	fg												
	4	fg												
	6	fg												

DD 04-929

Project: Mt. Milligan (C48)
Zone: 66 Zone
Start Drill: Aug.24-04
End Drill: Aug.
Drilled by: Agressive
Depth: **Azimuth:** 270 **Dip:** -45 **E:** 434690.81
Sample Sequence: B093737 to B093867

Site #: **Twinning:** 90-568
Section N: 9200
Start Log: Aug.27-04
End Log: Aug.
Logged by: AF
N: 6109048.32 **RL:** 1083.40



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mint	How	Ks	Int	How
04-929																			
				B093737	11.28	14.98	g	r			10	di			HM	ve			
				B093738	14.98	17	g	r			10	di			HM	ve			
				B093741	17	19	g	N	0.5	di	12	di			HM	ve			
				B093742	19	21	g	N	0.2	di	20	di			ab	ma			
				B093743	21	23	g	N			7	ve			ab	ma			
				B093744	23	25	g	N			20	ve			ab	ma			
				B093745	25	27	g	N	0.02	di	20	ve			ab	ma			
				B093746	27	29	G	n			15	ve			ab	ma			
				B093747	29	31	G	n	0.5	di	15	ve			ab	ma	2	vn	
				B093748	31	33	G	n			25	by							
				B093749	33	35	G	n	0.5	di	20	di							
				B093751	35	37	G	n			25	di	3	by	HM	ve			
				B093752	37	39	N	s			25	ve							

LPXT From (m) 10.97 To (m) 40.9 Litho1 X2G Colour1 n Int1 3 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Blk, porphyritic xl tuff w/ green patches of st/pv ep-py-cc alt'n, abundant hema stained fcts. Local st ksp alt'n makes tan-br patches.

10.97	19.2	fa	4
17.4	40.89		
23	40.89		
29	31		

MVHD From (m) 40.89 To (m) 42.6 Litho1 X2G Colour1 u Int1 3 % Mix 85 Litho2 I2F Colour2 T Int2 2 Grain Size mg

Comments Intrusive contact zone

				B0937541	41	42.6	U	T			30	di					4	ma	

MONZ From (m) 42.6 To (m) 71.6 Litho1 I2F Colour1 a Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Lt br-gr, bt-plag-hb(?)-monzonite w/ dissem py replacing bt. Locally qz strgrs <1mm make up to 25 of core. Becomes crowded plag-monzonite from 52 m downhole. Wk foliation defined by py strgrs.

				B093755	42.6	44	A	U	0.25	di	25	di					4	ma	

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				5	ma	bd								flt zone
	3	fg		5	ma	bd				3	by			flt, local clay and gouge intvls <15 cm
	3	fg		5	ma	bd				3	by			
	3	fg		5	ma	bd				3	by		1358	Py dissem (replacing cc after augite), in py-ep strgrs and blebs. Trace di
	3	fg		5	ma	bd				4	ve			
	3	fg		6	ma	bd				5	ve	by	1359	Loc pv cc alt'd (bleached) zones <20 cm
	2	fg		6	ma	bd				5	ve	by	1360	Py assoc w/ ep-cc in strgrs, patches, and dissem. Loc alb.
	3	fg		6	ma	bd				5	ve	by	1361	w
	3	fg		6	ma	bd				5	ve	by	1362	Tr dissem cpy assoc with local ksp alt'n
	3	fg		6	ma	bd				6	ve	by	1363	
	3	fg		6	ma	bd				5	ve	by		
	4	fg		5	ma	bd				5	ve	by	1364	
	4	fg		4	ma	by							1365	Abrupt drop in ep. Py strgrs + dissem (after cc after augite)
vn	4	fg		4	ma	ve							1366	St ksp-bt alt'd intrusive contact
vn	3	fg					2	ve						

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks Int	How
				B093756	44	46	A	U			10	di					3	ma
				B093757	46	48	A	U			7	di					2	ma
				B093758	48	50	A				10	di					2	ma
				B093759	50	52	A	s			7	ve					2	ma
				B093760	52	54	A	s			7	ve					2	ma
				B093761	54	56	A	s			7	ve					2	ma
				B093762	56	58	A	s			5	di					3	ma
				B093763	58	60	A	s			10	di					3	ma
				B093764	60	62	A	s			7	di					3	ma
				B093765	62	64	A	s			20	di	2	di			3	ma
				B093766	64	66	A	s			7	ve	2	di			2	ma
				B093767	66	68	A	T			7	ve	2	di			3	ma
				B093768	68	70	A	T			10	ve	1	di			3	ma
51.37	52.56	fa	3															
58	60																	
58	60																	

MVHD From (m) 71.6 To (m) 75.2 Litho1 I2F Colour1 a Int1 2 % Mix 80 Litho2 X2G Colour2 G Int2 4 Grain Size mg

Comments Irregular intrusive contact w/ pv chl alt'd volcaniclastic rocks and monzonite.

				B093770	72	74	A	G			7	ve			HM	di	3	ma
73.7	73.96	fa	3															

LPXT From (m) 75.23 To (m) 146 Litho1 X2G Colour1 g Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Porphyritic to locally glomeroporphyritic, augite-phyric andesitic xl tuff. Green ep-py patches surrounded by cc bleaching and local alb patches make <40%. Augite phenocrysts preserved where ep-py-cc pv.

				B093772	76	78	N	S	1	di	7	di			HM	di		
				B093773	78	80	N	S			7	di						
				B093774	80	82	N	S			10	ve						
				B093775	82	84	A	N			10	ve			ab	ma		
				B093776	84	86	G	T			15	by			ab	ma		
				B093777	86	88	G	t			15	by			ab	ma		
				B093778	88	90	N	S			15	by			ab	ma		

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	1	fg					2	ve						
							2	ve						
							3	ve						
							3	ve						
							3	ve						
							3	ve						
							2	ve						
							4	ve						qz+/-cc strgr stockwk
							2	ve						
							2	ve						
				3	ve		4	ve						
				3	ve		4	ve						
				3	ve		3	ve						
				3	ve	ma	3	ve						
	3	fg		5	ve	by				3	by			
	3	fg		4	ve	by								
	3	fg		4	ve	by				2	ve			
				5	ma					3	ve			Massive cc+hema strgrs + fct coatings.
				5	ma	ve				4	ve			Cc vns x-cutting pv py-ep-cc altn'n.
				5	ma	ve				5	by		1367	Loc. pv alb alt'n; abundant hema-cc strgrs.
				1	ve					2	ve	by	1368	Abrupt drop in ep. Augite phenos replaced by act(?)

From	To	Struct	Int
109	111		
113	119		
113	125		
115.4	116.5	fa	3
127.32	129.8	fa	4
132	138		

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Min1	How	Ks Int	How
B093781	90	92	G	N			15	by			ab	ma		
B093782	92	94	G	W			15	by			ab	ma		
B093783	94	96	G	W			10	by	3	by	ab	ma		
B093784	96	98	G	A			20	by	3	by	ab	ma		
B093785	98	100	G	A			20	by	4	by	ab	ma		
B093786	100	102	G	A			10	by	2	by	ab	ma		
B093787	102	104	G	A			10	by	2	by	ab	ma		
B093788	104	106	G	N			7	by	2	by	ab	ma		
B093789	106	108	W	G			10	by			ab	ma		
B093791	108	110	g	w			10	by			ab	ma		
B093792	110	112	N	G			7	by			HM	ve		
B093793	112	114	N	G			12	ve			HM	ve		
B093794	114	116	N	G	0.5	di	12	ve			HM	ve		
B093795	116	118	N	G			7	ve			HM	ve		
B093796	118	120	N	G			7	ve			HM	ve		
B093797	120	122	N	G			10	ve			HM	ve		
B093798	122	124	N	G			7	di			HM	ve		
B093801	124	126	N	G			7	di			HM	ve		
B093802	126	127.23	N	G			10	di			HM	ve		
B093803	127.23	129.86	G	W			15	di			ab	ma		
B093804	129.86	132	W	g			15	ve			ab	ma		
B093805	132	134	W	g	0.56	di	15	ve			ab	ma		
B093806	134	136	W	g			20	by			ab	ma		
B093807	136	138	n	g			7	by			ab	ma		
B093808	138	140	W	g			12	by			ab	ma		
B093809	140	142	W	g			20	cg	4	cg	ab	ma	2	ma
B093810	142	144	N	g			20	by	2	fg	ab	ma		
B093811	144	146	N	g			20	by	2	fg	ab	ma		

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				4	ma					4	by	ve	1369	
				5	ma					5	by	ve	1370	
				5	ma					5	by	ve		
				4	ma					5	by	ve	1371	
				4	ma					6	by	ve		flt w/ slicks parallel to CA
				4	ma					6	by	ve		
				4	ma					6	by	ve		loc pv alb-ep-py
				4	ma					5	by	ve		
				5	ma	ve				5	by	ve	1372	pv alb-ep-cc+/-py. Abundant hema-cc strgrs+fct coatings.
				5	ma	ve				5	by	ve		
				5	ma	ve				3	ve			
				5	ma	ve				3	ve			
				5	ma	ve				2	ve			
				4	ma	ve				2	ve		1385	
				4	ma	ve								
				4	ma	ve				1	ve			glomeroporphyritic xl tuff, w/ py replacing cc-hema after augite
				4	ma	ve				2	by	ve		ep replacing augite in xl tuff
				4	ma	ve				2	by	ve		
				4	ma	ve				3	by	ve		Ep-py-cc blebs increasing downhole
				4	ma	ve				4	by	ve	1386	flt zone
				4	ma	ve				5	by	ve	1387	Pv ep-alb-cc-py +ksp(?) alt'd white core. Pyu strgrs, blebs + dissem, w/
				4	ma	ve				5	by	ve	1388	
				4	ma	ve				5	by	ve		
				3	ma					4	by	ve		
				4	ma					5	by	ve		flt clay intvls < 60 cm
				4	ma					5	by	ve	1389	
				4	by									blk flow-like, pv cc-alt'd phenos
				5	by								1390	

From	To	Struct	Int
138.42	138.9	fa	4
139	144		
139.85	140	fa	4
75.23	79.45	fa	3
76	82		
81	82		
84	89		
98.14	99.15	fa	4
99	108		

MVHD From (m) 146.4 To (m) 147 Litho1 X2G Colour1 n Int1 3 % Mix 90 Litho2 I2F Colour2 a Int2 3 Grain Size mg

Comments Faulted intrusive contact.

From	To	Struct	Int
146.4	147.0	fa	3

MONZ From (m) 147.0 To (m) 161 Litho1 I2F Colour1 a Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Lt gr monzonite, wk ksp alt'd. Local small (<1 cm) alb patches.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
B093813	147.04	149	A	W			20	ve						3	vn
B093814	149	151	A	W			20	ve						3	vn
B093815	151	153	A	W			20	ve						3	vn
B093816	153	155	A	W			20	ve			ab	ma		3	vn
B093817	155	157	A	W			10	ve						3	ma
B093818	157	159	A	W			15	ve						3	ma

XNMZ From (m) 160.6 To (m) 178 Litho1 I2F Colour1 a Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size cg

Comments Lt pk-gr to gn+gr intrusive breccia. Monzonite(?) clasts <15 cm have wk foliation defined by py strgrs in different orientations. Locally healed by gn chloritic matrix/vn.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
B093822	161	163	A	W			7	ve						3	ma
B093823	163	165	A	G			12	by						3	ma
B093824	165	167	A	G			15	by						4	ma
B093825	167	169	A	G			10	by			HM	ve		5	ma

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		2	ve		2	ve					1391	Leucocratic intrusion, wkly foliated at 45 deg CA.
				2	ve		2	ve						
				2	ve		2	ve						
				2	ve		2	ve						loc ald-py masses
				2	ve		2	ve	ma					flt gouge intvls <5 cm
				2	ve		2	ve	ma					
				2	ve		2	ve	ma					
				2	ve		2	ve	ma					local wk/md chl patches
				2	ve								1392	
				2	ve								1393	

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mnl	How	Ks	Int	How
				B093826	169	171	A	U			10	by	3	by	HM	ve	5		ma
				B093827	171	173	G	a			7	by	3	by	HM	ve	5		ma
				B093828	173	175	A	U			10	ve	3	by	HM	ve	5		ma
				B093829	175	177	A	U			10	ve	2	by			5		ma
160.62	164.9	fa	4																
171	171.2	fa	3																
177.4	177.6	fa	4																

LAFW From (m) 177.7 To (m) 191 Litho1 X2G Colour1 a Int1 3 % Mix 100 Litho2 Colour2 Int2 Grain Size cry

Comments Md/lt gn-gr ash-tuff(?). Dissem py along bands and replacing mafic(?) xls with diffuse boundaries.

				B093832	179	181	A	U			10	ve					5		ma
				B093833	181	183	A	U			7	di					3		ma
				B093834	183	185	A	W	0.5	di	7	ve			HM	ve	4		ma
				B093835	185	187	A	W			5	ve			HM	ve	4		ma
				B093836	187	189	A	W			5	ve			HM	ve	4		ma
				B093837	189	191	A	W			7	ve			HM	ve	3		ma
179.6	179.8	fa	2																
180	183																		
180	183																		
182.6	182.8	fa	3																

TRBT From (m) 191 To (m) 199 Litho1 X2G Colour1 u Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size vfg

Comments Banded ash-tuff. Brown and white to pk-gr bands defined by alternating ksp and bt alt'n. Lt bands slightly coarser grained. Dissem banded py in light and dk bands.

				B093838	191	193	A	N			15	ve			HM	ve	2		ma
				B093839	193	195	A	N			15	by			HM	ve	4		ma
				B093840	195	197	A	N			20	bd					4		ma

HTDF From (m) 198.6 To (m) 236 Litho1 X2C Colour1 g Int1 3 % Mix 100 Litho2 Colour2 Int2 Grain Size vgc

Comments Green-gr to blk block-and ash- to polymict lapilli tuff. Lithic fragments <16 cm. Local pumiceous lapilli. Dissem py<15% and tr cpy assoc. w/ bt altered lapilli.

How2	Btl Int	How	How2	Ca Int	How	How2	Sl Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg		2	ve									
	3	fg		3	ve								1394	loc pv bt alt'd areas
	3	fg		3	ve									
vn				3	ve									
vn	2	fg		3	ve									
	2	fg		3	ve									
				3	ve		2	ve					1395	wkly foliated, w/ py along foliation
				3	ve		2	ve						
				2	ve		2	ve						
	3	bd	ma										1397	

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
				B093842	199	201	A	W			15	bd					4	ma
				B093843	201	203	A	N	3	di	20	bd					2	ma
				B093844	203	205	A	N	1	di	20	di					2	ma
				B093845	205	207	A	N	1	di	20	di	2	di			2	ma
				B093846	207	209	N	G	1	di	20	di					2	ma
				B093847	209	211	N	G	1	di	20	di					2	ma
				B093848	211	213	N	G			10	di			SC	ac	2	ma
				B093849	213	215	N	G			5	di						
				B093850	215	217	N	G			5	di						
				B093851	217	219	N	G	1	di	5	di						
				B093852	219	221	N	G			5	di						
				B093853	221	223	N	G			7	di						
				B093854	223	225	N	G	1	di	7	di	2	by				
				B093855	225	227	N	G			7	di						
				B093856	227	229	N	G			10	di						
				B093857	229	231	N	G			10	di						
				B093858	231	233	N	G			5	di						
				B093861	233	235	N	G	1	di	3	di	3	ve				
				B093862	235	236.4	N	G	1	di	3	di	3	ve				
198.72	199.5	fa	3															
207	218																	
215.42	215.9	fa	3															
222	224																	

PDRP **From (m)** 236.4 **To (m)** 238 **Litho1** I2 **Colour1** g **Int1** 3 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** mg

Comments Gn-blk, crowded plag-hb-porphyry dike (post-mineral) x-cut by abundant qz-mt strgrs. Md magnetic. Pk-gn md ksp alt'd matrix.

				B093863	236.4	238.35	N	G	1	di			3	ve			2	ma
236.6	237.1	fa	3															

HTDF **From (m)** 238.4 **To (m)** 241 **Litho1** X2C **Colour1** g **Int1** 4 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** vgc

Comments Dk gn polymict lapilli tuff. Tr cp in bt-altered lapilli.

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	bd	ma											
	3	fg												cp in blk bt-alt'd lithic fgments
	4	fg		4	di	fg								
	4	fg		4	di	fg								
	4	fg		4	di	fg								
	4	fg		4	di	fg				2	by			
	4	fg		4	di	fg				3	by			
	4	fg		3	di	fg				3	by			
	4	fg		3	di	fg				3	by			md hema coating fcts
	4	fg		3	di	fg				3	by			cp dissem in dk (bt alt'd) lithic clasts
	4	fg		3	di	fg							1406	ep alt'd clasts becoming more common downhole.
	4	fg		4	di	fg								
	4	fg		4	di	fg								
	4	fg		4	di	fg				3	by			
	4	fg		4	di	fg				3	by			
	4	fg		4	di	fg				4	by		1407	
	4	fg		4	di	fg				3	by			
	3	fg		3	di	fg				3	by			qz-mt strgrs
	3	fg		3	di	fg				3	by			qz-mt strrs
													1409	

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Xs Int	How
				B093864	238.35	240	N	G	1	di	3	di	3	ve				
				B093865	240	241.4	n	G	1	di	3	di	3	ve			3	by

PHDD **From (m)** 241.4 **To (m)** 245 **Litho1** I2 **Colour1** g **Int1** 3 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** mg

Comments Faulted post-mineral dike: gn-gr, crowded plag-hb-porphyry.

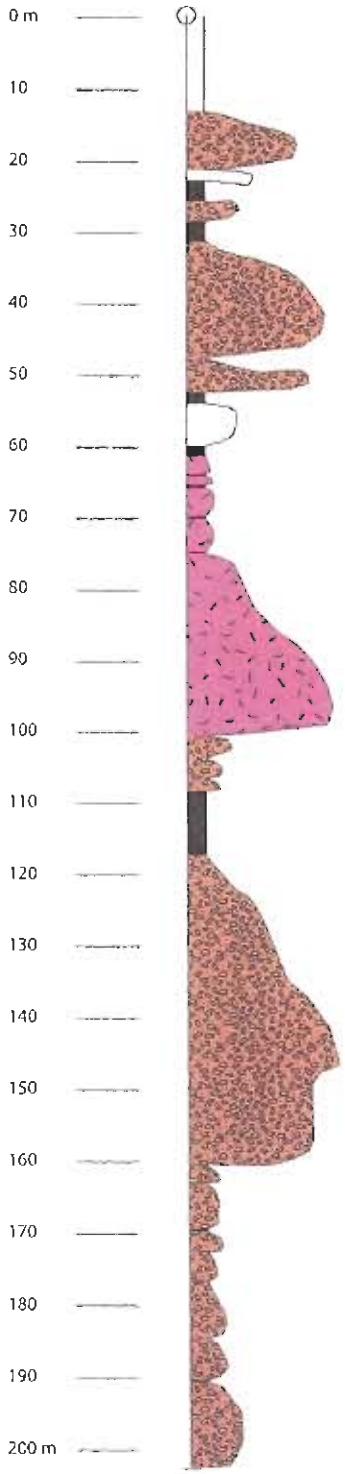
From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Xs Int	How
				B093866	241.4	243	G										3	ma
				B093867	243	244.9	G	a			2	di					3	vn
242.6	244.9	fa	3															

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	2	fg		3	fg									
	2	fg		3	fg	ve								
				2	fg									post-mineral dike and flt
				2	fg		3	ve						post-mineral dike(?)

Project: Mt. Milligan (C48)
Zone: 66 Zone
Start Drill: Aug.29-04
End Drill: Sept.2-04
Drilled by: Agressive
Depth: Azimuth: 270 Dip: -50 E: 434783.01 N: 6109041.75 RL: 1078.24
Sample Sequence: B093868 to B094073

DD 04-930

Site #: Twinning: 89-272
Section N: 9200
Start log: Aug.31
End Log: Sept.3
Logged by: AF



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
04-930																			
LAFW	**From (m)** 13.41	**To (m)** 21.5	**Litho1** X2G	**Colour1** a	**Int1** 3	**% Mix** 100	**Litho2**	**Colour2**	**Int2**						**Grain Size** mg				
	Comments Md gr to locally blk (st bt alt'd zones), st/md ksp alt'd, porphyritic augite(replaced by cc)-phyric xl tuff.																		
				B093868	13.41	15	a	s	1	di	15	di	3	by			2	ma	
				B093869	15	17	a	s	1	di	10	di	3	by			2	ma	
				B093871	17	19	a	T	2	ve	10	di	2	by			4	ma	
				B093872	19	21	a	T	2	di	25	di	2	by			4	ma	
13.41	21																		
TRBT	**From (m)** 21.52	**To (m)** 25.9	**Litho1** X2G	**Colour1** u	**Int1** 3	**% Mix** 100	**Litho2**	**Colour2**	**Int2**						**Grain Size** vfg				
	Comments Brown and white, banded ash-tuff w/ py along bands. Bands <3 cm, at 60 degrees CA.																		
				B093874	23	25	a	n	3	di	20	di	5	di			4	ma	
24.68	24.68	fa	3																
LPXT	**From (m)** 25.9	**To (m)** 54.2	**Litho1** X2G	**Colour1** a	**Int1** 3	**% Mix** 100	**Litho2**	**Colour2**	**Int2**						**Grain Size** mg				
	Comments Pk-gr, st/md sil-ksp alt'd ash-tuff, locally banded texture recognizeable.																		
				B093876	27	29	T	a	3	di	10	di	4	by	ab	vn	4	ma	
				B093877	29	31	A	t	1	di	7	di	2	by	ab	vn	4	ma	
				B093878	31	33	A	N	7	di	7	di	2	by			4	ma	
				B093879	33	35	N	S	0.5	di	25	di	4	di			2	ma	
				B093880	35	37	N	S	0.5	di	20	di	4	di	HM	ve	2	ma	
				B093881	37	39	N	S			10	di	2	by	HM	ve			
				B093882	39	41	N	S			10	di	2	by	HM	ve			
				B093883	41	43	N	S	2	di	10	di	2	by					
				B093884	43	45	N	S	1	di	10	ve	2	by					
				B093885	45	47	N	S	0.5	di	10	ve	3	by	HM	ve			
				B093886	47	49	N	S	3	di	25	di	2	by			2	ma	
				B093887	49	51	N	S	5	di	12	di	2	by			3	ma	

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	fg												Post-min dike(? - 7% diss py; 1% diss cpy, md ksp alt'd): 14.22 to 15.54
	3	fg												
	3	fg					4	ma					1425	
	4	fg					3	ma					1426	
	4	fg					3	ma						flt zone; st/pv oxidized downhole
				2	by		3	ma	ve				1428	
				2	by		3	ma	ve					loc md massive alb alt'd zones; flt zone.
	5	fg	ma	2	by		3	ma	ve				1429	
	5	fg	ma	5	by		2	ve						
	5	fg	ma	5	by		2	ve		3	by		1430	wk hema coating fcts
	5	fg	ma	5	by		2	ve		3	by			
	5	fg	ma	5	by		2	ve		3	by			
	5	fg	ma	5	by		2	ve		2	by		1431	local bt-rich zones w/<7% dissem cpy
	5	fg	ma	5	by		2	ve		1	ve			
	5	fg	ma	5	by					2	by			wk hema coating fcts
	5	fg	ma	5	by									banded ash-tuff w/ sx dissem along lt + dk bands
	5	fg	ma	5	by					2	by			

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093888	51	53	N	S	5	di	12	di	3	by			3		ma
27	49																		
27	49.1																		
28.7	31.6	fa	2																
30	36																		
44	47																		
45.75	47.9	fa	3																
52.65	54.15	fa	3																

ANLT From (m) 54.15 To (m) 61.5 Litho1 X2H Colour1 n Int1 4 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Black, st bt-alt'd porphyritic augite(replaced by cc)-phyric lapilli tuff.

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093890	55	57	N	S	2	di	7	di	5	di					
				B093891	57	59	N	S	5	di	15	di	2	di					
				B093892	59	60	N	S	1	di	20	di	2	di			3		ma
				B093893	60	61.5	N	S	5	di	15	di	4	di			3		ma
60.2	61.5	fa	3																

MVHD From (m) 61.5 To (m) 65.6 Litho1 I2F Colour1 a Int1 3 % Mix 60 Litho2 X2H Colour2 a Int2 4 Grain Size mg

Comments Intrusive contact zone (diffuse contact): tan/gr, md bx'd, locally st patchy bt alt'n assoc w/ cp stringers

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093894	61.5	63	T	S	5	ve	15	di	2	di			4		ma
				B093895	63	65	T	S	3	ve	15	di	2	di			4		ma
64.1	64.38	fa	4																

MONZ From (m) 65.6 To (m) 101 Litho1 I2F Colour1 a Int1 2 % Mix 100 Litho2 Colour2 Int2 Grain Size mg

Comments Lt pk-gr, loc st sil alt'd w/ yellow patches + st. ksp alt'n. Wkly bx'd (66.08-70m).

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
				B093897	67	69	W	A			15	ve					4		ma
				B093898	69	71	W	A			15	ve					4		ma
				B094001	71	73	W	A			15	ve					4		ma
				B094002	73	75	W	A			15	ve			HM	by	4		ma

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	5	fg	ma	5	by					2	by			
	5	fg	ma	4	by									
	5	fg	ma	4	by									
	5	fg	ma	4	by									
	5	fg	ma	4	by									local bands w/ st bt-cp-mt
	2	fg	ve										1439	wk bx
	2	fg	ve											
				4	ve		5	ma						
				4	ve		5	ma						
				4	ve		5	ma						
				4	ve		5	ma					1441	

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Xs Int	How
				B094003	75	77	W	A	1	ve	15	ve					4	ma
				B094004	77	79	W	A			10	di					3	ma
				B094005	79	81	W	A			7	di					2	ma
				B094006	81	83	W	A			7	di					2	ma
				B094007	83	85	W	A			7	di					3	ma
				B094008	85	87	W	A			5	di			HM	ve	4	ma
				B094009	87	89	W	A			3	di			HM	ve	4	ma
				B094010	89	91	A	g			7	di					4	ma
				B094011	91	93	A	g			10	ve					4	ma
				B094012	93	95	A	w			7	di					4	ma
				B094013	95	97	A	w	1	di	10	di	2	di			5	ma
				B094014	97	99	A	w			12	di					3	ma
				B094015	99	100.88	A	G			7	di			HM	ve	3	ma
65.6	66.08	fa	5															
68	74.9																	
68	75																	
70	70.4	fa	2															
75.1	75.25	fa	2															

MVHD From (m) 100.9 To (m) 104 Litho1 I2F Colour1 a Int1 2 % Mix 60 Litho2 X2G Colour2 a Int2 4 Grain Size mg

Comments Brecciated contact: md/dk gr, wk/md chl alt'd, md tectonic bx (cut by calcite stringer stockwork)

				B094016	100.88	103	A	G			5	di						
				B094017	103	104.03	G				5	di						

ANLT From (m) 104.0 To (m) 163 Litho1 X2H Colour1 g Int1 3 % Mix 100 Litho2 Colour2 Int2 Grain Size vgc

Comments Blk to gr-green, to wt&green, md to pv ep-cc-py alt'd augite(pv replaced by cc)-phyric xl lapilli-tuff. Lithic fragments < 6 cm recognizeable by different alteration. Local wk ksp alt'n appears to pre-date ep-py-cc alt'n.

				B094018	104.03	106	G	a			30	by					3	by
				B094021	106	108	A	s			20	di					3	vn
				B094022	108	110	A	G			25	di					3	vn
				B094023	110	112	A	G			25	di					4	vn
				B094024	112	114	A	G	0.5	di	15	ve					4	vn

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				4	ve		3	ma						
				3	ve		2	ma						
				3	ve									
				3	ve									bright cyan + dk blue stain: min(?)
	3	ve		4	ve									
				5	ve		3	ma						
				5	ve		3	ma						
				4	ve		3	ma						
				4	ve		3	ma						
				4	ve		3	ma						
				3	ve									
				3	ve									
				3	ve									
	4	ma		4	ve									
	4	ma		5	ve	ma								
	2	ma		5	ma					3	by			
	3	ma		5	ma					3	by			
	3	ma		5	ma	by				4	by			
	4	ma		5	ve	ma				4	by			
ma	4	ma		5	ve	ma				4	by			

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Min1	How	Ks	Int	How
				B094025	114	116	A	G			15	by					4		vn
				B094026	116	118	A	G			25	by					5		ma
				B094027	118	120	A	G			25	by					5		ma
				B094028	120	122	A	G			20	by					5		ma
				B094029	122	124	A	G			20	by					5		ma
				B094031	124	126	A	G			20	by	4	ve			5		ma
				B094032	126	128	A	G			20	by	2	ve					
				B094033	128	130	W	G			20	by							
				B094034	130	132	W	G			15	ve					3		ma
				B094035	132	134	a	G			10	di					2		ma
				B094036	134	136	G	A			15	di			HM	ve	2		ma
				B094037	136	138	G	W			15	di			HM	ve	2		ma
				B094038	138	140	a	S	0.12	di	15	di					2		ma
				B094039	140	142	S	G	1	di	15	ve					2		ma
				B094040	142	144	S	G	1	di	15	ve					2		ma
				B094041	144	146	S	G	1	di	15	ve	2	di			2		ma
				B094042	146	148	S	G	0.5	di	20	ve	2	di			2		ma
				B094043	148	150	S	G	2	di	15	by					2		ma
				B094044	150	152	S	G	0.5	di	15	by					2		ma
				B094045	152	154	S	G	1	di	10	by					2		ma
				B094046	154	156	S	N	1	di	20	by					2		ma
				B094047	156	158	S	G	1	di	12	by					2		ma
				B094048	158	160	S	G	1	di	12	by					2		ma
				B094049	160	162	S	G			12	by					2		ma
106.81	106.9	fa	4																
108.6	117.7	fa	3																
117.72	126																		
146	160																		
160.75	160.9	fa	3																
163.2	163.4	fa	4																

LPXT **From (m)** 163.4 **To (m)** 185 **Litho1** X2G **Colour1** n **Int1** 4 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** mg

Comments Blk, porphyritic, augite-phyric (augite pv replaced by cc+/-py), md to st bt-alt'd xl tuff.

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
ma	4	ma		5	ve	ma				4	by			
	4	ma		5	ve	ma				4	by			
	4	ma		5	ve	ma				4	by			
	4	ma		5	ve	ma				4	by		1452	
	4	ma		5	ve	ma				4	by			
	4	ma		5	ve	ma				4	by			
				5	ve	ma				4	by		1453	
				5	ve	ma				5	by			
	2	vn		5	ve	ma				5	by			
	2	vn		5	ve	ma				5	by			
	2	fg		5	ve	ma				6	by		1454	md hema stained fcts
	2	fg		5	ve	ma				6	by			
	4	fg		5	ve	ma				5	by			
	4	fg		5	ve	ma				5	by			
	4	fg		5	ve	ma				5	by			
	4	fg		5	ve	ma				5	by			
	5	fg		5	ve	ma				5	by			
	5	fg		5	ve	ma				5	by			
	5	fg		5	ve	ma	2	ve		5	by			
	5	fg		5	ve	ma				5	by			
	5	fg		5	ve	ma				3	by			
	5	fg		5	ve	ma				5	by			
	5	fg		5	ve	ma				5	by		1455	
	5	fg		5	ve	ma				4	by			

From	To	Struct	Int
165	183		
169.75	170.1	fa	4
172.78	173.0	fa	2
177.02	177.2	fa	3

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Min1	How	Ks Int	How
B094051	164	166	S	G			7	di			HM	ve	2	ma
B094052	166	168	S	G	0.5	di	10	di					2	ma
B094053	168	170	S	N			5	di						
B094054	170	172	S	N			15	di					2	ma
B094055	172	174	S	N			7	di					2	ma
B094056	174	176	S	N			7	di					2	ma
B094057	176	178	S	N			10	di					3	ma
B094058	178	180	S	N			7	di					3	ma
B094061	180	182	S	N			7	di					3	ma
B094062	182	184	S	N			7	di					3	ma

LPXT **From (m)** 184.9 **To (m)** 203 **Litho1** I2F **Colour1** a **Int1** 2 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** mg

Comments Lt br-gr, md-st ksp, locally st sil-alt'd, fine-grained monzonite(?). Md magnetite stringer stockwork along upper contact (184.99 to 189) and md py-calcite stockwork (196 to 202.99).

From	To	Struct	Int
184.86	184.9	fa	2
184.99	189		
190.64	191	fa	4
196	202.9		
196	202.9		
202.8	202.9	fa	3

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	MgInt	How	Min1	How	Ks Int	How
B094064	185	187	G	u			7	di	3	ve			4	ma
B094065	187	189	a		1	di			5	ve			4	ma
B094066	189	191	a				7	di	5	ve			4	ma
B094067	191	193	a				7	di	2	ve			3	ma
B094068	193	195	G	A			5	di	2	ve				
B094069	195	197	A				7	ve	2	ve			2	ma
B094071	197	199	A				7	ve	2	ve			3	ma
B094072	199	201	A				10	ve					3	ma
B094073	201	202.99	A				15	ve					3	ma

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	5	fg		4	by					3	by			
	5	fg		4	by					3	by			
	3	fg		4	by					2	by			
	3	fg		4	by									
	3	fg		5	by					2	by			
	3	fg		5	by					2	by			
	3	fg		5	ma	by				2	by			
	3	fg		5	ma	by				3	by			
	4	fg		5	ma	by				3	by			
	4	fg		3	ma	by				1	by			
	3	ma		2	ma									local sil-mt-bx
	3	ma		2	ve								1456	
	3	ma		2	ve									
				2	ve		4	ma						
				4	ve		2	ma	ve					
				2	ve		3	ma						
				2	ve		3	ma						
				3	ve		3	ma						
				3	ve		3	ma					1457	

DD 04-931

Project: Mt. Milligan (C48)
Zone: Southern Star
Start Drill: Sept.3-04
End Drill: Sept.5-04
Drilled by: Agressive
Depth: 131.98 **Azimuth:** 270 **Dip:** -60 **E:** 434366.74 **N:** 6108207.72 **RL:** 1144.12
Sample Sequence: B094074 to B094135

Site #: 15 **Twinning:** 90-706
Section N: 8350
Start Log:
End Log:
Logged by: AF

From	To	Struct	Int
04-931			
MONZ	From (m) 0	To (m) 105	Litho1 I2F

Colour1	Int1	% Mix	Litho2	Colour2	Int2	Grain Size
R	3	100				mg

Comments Red-grey to red and blk, st to md to locally wk brecciated, crowded bt-plag-monzonite. Angular, light coloured fragments <6 cm, and pk-red ksp+/-cp matrix. Dissem mt locally <25%, apparently primary. Locally plag phenocrysts <1cm.

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks Int	How
B094074	10.97	13	R	G	7	di	3	di					5	ma
B094075	13	15	R	G	7	di	3	di					5	ma
B094076	15	16.15	R	G	7	di	3	di	2	ve			5	ma
B094077	16.15	18	R	T	10	ve	5	di					5	ma
B094078	18	20	R	A	7	di	1	di	2	di			5	ma
B094079	20	22	A	R	7	ve	1	di	3	di			3	ma
B094080	22	24	A	R	5	ve	25	ve	2	di			3	ma
B094081	24	26	A	R	5	di	5	ve					3	ma
B094082	26	28	R	A	7	ve	3	ve					5	ma
B094083	28	30	A	R	3	ve	3	ve	4	di			3	ma
B094084	30	32	A	G	1	di	7	di	4	di			3	ma
B094085	32	34	R	A	3	di	5	di	4	di			5	ma
B094086	34	36	R	G	3	ve	7	ve	3	di			3	ma
B094087	36	38	R	A	15	ve	3	di	3	di			5	ma
B094088	38	40	R	A	5	ve	20	ve	2	di			5	ma
B094089	40	42	A	R	5	ve	5	ve	2	di			5	ma
B094090	42	44	A	R	7	ve	7	ve	2	di			3	ma
B094091	44	46	R	A	5	ve	3	ve	3	di			5	ma
B094092	46	48	R	A	7	ve	3	di	3	di			5	ma
B094093	48	50	R	N	5	ve	3	di	2	di			5	ma
B094094	50	52	R		3	ve	2	di	2	di			5	ma
B094095	52	54	R	n	3	ve	1	di	2	di			5	ma
B094096	54	56	R	A	3	di	5	di	2	di			5	ma
B094097	56	58	R	N	7	di	7	ve	2	di			5	ma
B094098	58	60	R	A	2	ve	5	ve	3	di			5	ma
B094101	60	62	R	A	5	di	5	di	3	di			5	ma
B094102	62	64	N	R	1	ve	3	di	2	di			3	ma
B094103	64	66	R	A	5	di	3	di	4	di			3	ma

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				1	ve									
				1	ve									
				3	ve		2	ve						
				3	ve		2	ve						Flt w/ clay
													1468	garnet(?)<1%, subhedral
							2	ve					1469	
				3	ve									
				3	ve		3	ve						
							3	ve						
							3	ve						
	3	ve					3	ve					1470	
	4	fg	ve	1	cg		3	ve					1471	
	3	ve		1	cg		3	ve					1472	
	3	ve		1	cg		2	ve						
	3	ve		1	cg		4	ve						
				2	cg		4	ve						
							3	ve						
							2	ve						py-rich bx fragments
							2	ve						
	2	di					2	ve						bt after px(?)
				3	ve		2	ve						
				3	ve									
				3	ve		2	ve					1474	
							2	ve						
				3	ve									

From	To	Struct	Int
10.97	27		
16.15	18	fa	4
21.8	25		
24.2	24.8	fa	3
26.4	26.7	fa	4
27.1	27.3	vn	3
28	39		
49.04	49.38	fa	2
58	78		
64.92	68	fa	1
78	85		
79	83	fa	2

Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
B094104	66	68	R	N	3	ve	7	ve	3	di			4	ma	
B094105	68	70	R	N	5	ve	3	ve	3	di			4	ma	
B094106	70	72	R	N	5	ve	3	ve	3	di			5	ma	
B094107	72	74	R	G	5	di	3	ve	3	di			5	ma	
B094108	74	76	R	G	3	ve	2	di	3	di			5	ma	
B094109	76	78	R	G	5	di	3	ve	3	di			5	ma	
B094110	78	80	R	W	7	di	2	ve	3	di			5	ma	
B094112	80	82	R	A	3	di	1	ve	4	ve			5	ma	
B094113	82	84	W	R	7	ve	3	di	4	ve			5	ma	
B094114	84	86	R	W	5	ve	3	ve	4	ve			5	ma	
B094115	86	88	W	R	5	ve	3	ve	4	ve			5	ma	
B094116	88	90	W	R	7	ve	3	ve	2	ve			3	ma	
B094117	90	92	R	A	3	ve	1	ve	2	ve			4	ma	
B094118	92	94	R	A	2	ve	2	ve	2	ve			5	ma	
B094119	94	96	R	A	7	di	5	ve	3	ve			5	ma	
B094120	96	98	A	R	7	di	3	di	2	ve			5	ma	
B094121	98	100	R	A	7	ve	3	ve	3	ve			4	ma	
B094122	100	102	A	R	2	ve	1	ve	3	ve			3	ma	
B094123	102	104	R	A	5	di	2	ve	2	ve			4	ma	
B094124	104	105.06	R	A	3	di	1	ve	2	ve			4	ma	

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
	3	di					3	ve						
	3	di					3	ve						
	3	di					3	ve						
	4	ve					3	ve						
							3	ve						
							2	ve						
							2	ve						cuprite?
							3	ve						
				3	ve		2	ve						
				3	ve		3	ve						
				3	ve									
				2	ma		2	ve						
				2	ma		2	ve					1475	
				2	ma		2	ve					1476	
				2	ma		3	ve						
				2	ma		2	ve						
				3	ma		2	ve						
				3	ma		2	ve					1477	
				3	ma		2	ve						
				3	ma		2	ve						

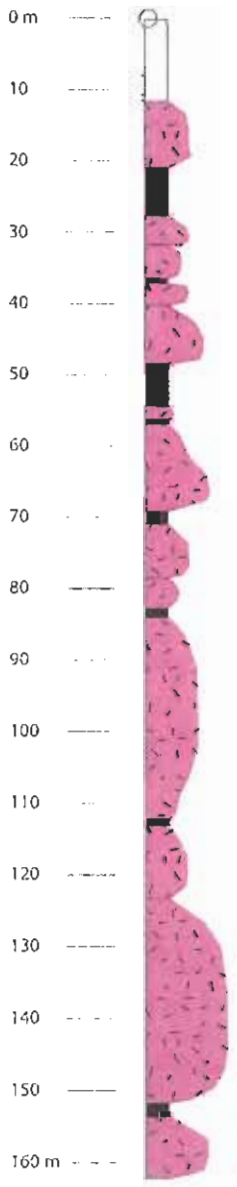
From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
MONZ	From (m) 105.1	To (m) 107	Litho1 I1	Colour1 g	Int1 2	% Mix 100	Litho2	Colour2	Int2	Grain Size cg									
	Comments	Light green-grey, md- to coarse-grained bt-plag-monzonite. Upper contact recessive; Lower contact sharp, @70 degrees CA.																	
				B094125	105.06	107	G	A			0.5	di							
105.08	105.1	fa	2																
MONZ	From (m) 107	To (m) 126	Litho1 I2F	Colour1 R	Int1 3	% Mix 100	Litho2	Colour2	Int2	Grain Size cg									
	Comments	Red-grey brecciated monzonite.																	
				B094126	107	109	R	A	7	di	1	di	3	di			5	nt	
				B094127	109	111	R	A	5	di	1	ve	3	di			5	nt	
				B094128	111	113	R	A	5	di	3	ve	4	di			5	nt	
				B094129	113	115	R	A	3	di	1	di	4	di			5	nt	
				B094130	115	117	R	A	5	di	3	ve	3	di			5	nt	
				B094131	117	119	N	R	10	di	1	di	3	di			5	nt	
				B094132	119	121	R	N	12	di	1	di	3	di			5	nt	
				B094133	121	123	N	R	12	di			3	di			5	nt	
				B094134	123	124	R	A	7	di			3	di			5	nt	
				B094135	124	125.88	R	A	3	di	2	ve	2	di			5	nt	
109	125.8																		

How2	Btl nt	How	How2	Ca Int	How	How2	Sl Int	How	How2	Ep Int	How	How2	Photo #	Comments
				3	ma								1478	PM dike
				3	ma								1479	
				2	ma									
				2	ma		4	ve						
				2	ma		2	ve						
				2	ma		3	ve						
	4	fg		2	ma		5	ve						
	4	fg		2	ma		2	ve						
	5	fg		2	ma		2	ve						
	2	fg		2	ma		2	ve						
	2	fg		5	ma		2	ve						

DD 04-932

Project: Mt. Milligan (C48)
Zone: Southern Star
Start Drill: Sept.5-04
End Drill: Sept.8-04
Drilled by: Agressive
Depth: **Azimuth:** 90 **Dip:** -45 **E:** 434245.82 **N:** 6108211.09 **RL:** 1155.34
Sample Sequence: B094136 to B094267

Site #: 15 **Twinning:** 89-302
Section N: 8350
Start Log: Sept.9
End Log: Sept.12
Logged by: AF



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
04-932																		
MONZ	**From (m)** 14.4	**To (m)** 43	**Litho1** I2F	**Colour1** R	**Int1** 3	**% Mix** 100	**Litho2**	**Colour2**	**Int2**	**Grain Size** cg								
	Comments Red monzonite breccia																	
				B094136	15	17	R	A	3	di	1	di	3	di			4	nt
				B094137	17	19	R	A	7	ve	10	di	3	di			4	nt
				B094138	19	21	R	A	7	ve	1	di	4	di			4	nt
				B094141	21	23	R	A	7	di			4	di			4	nt
				B094142	23	25	R	A	5	di	10	ve	4	di			4	nt
				B094143	25	27	R	A	3	di	7	ve	4	di			4	nt
				B094144	27	29	R	A	1	di	3	di	4	di			4	nt
				B094145	29	31	R	A	7	di	3	di	4	di			4	nt
				B094146	31	33	R	A	5	di	3	di	3	di			4	nt
				B094147	33	35	R	A	10	ve	5	di	3	di			4	nt
				B094148	35	37	R	A	5	ve	5	di	3	di			3	nt
				B094149	37	39	R	A	3	di	1	di	3	di			3	nt
				B094151	39	41	R	A	3	ve	7	di	2	di			4	nt
24	30.48	fa	3															
28	31																	
32	34																	
34.37	34.67	fa	4															
39.3	40.2	fa	4															
MVHD	**From (m)** 42.97	**To (m)** 51.2	**Litho1** I2F	**Colour1** R	**Int1** 3	**% Mix** 60	**Litho2** V2J	**Colour2** A	**Int2** 4	**Grain Size** cg								
	Comments Faulted intrusive contact																	
				B094153	43	45	G		5	di	3	di	1	di			2	nt
				B094154	45	47	G		5	di	3	di	1	di			2	nt
				B094155	47	49	G				1	di	1	di			1	ma
				B094156	49	51	G	a			1	di					1	ma
42.97	51.2	fa	4															

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
ma														Md oxidation
ma														
ma														
ma														
ma				1	ve		2	ve						
ma				1	ve		2	ve						
ma				1	ve		2	ve						
ma				2	ve		1	ve						
ma				2	ve		3	ve						
ma				2	ve		4	ve					1506	
ma				3	ve		2	ve						
ma							4	ve						
ma				3	ve		4	ve	ma					
ma				3	ve		4	ve	ma					flt - abundant clay
ma				3	ve		4	ve						
				4	ma	ve								Post-mineral dike(?)
				4	ma	ve								

From	To	Struct	Int																											
LAFW	From (m)	51.2	To (m)	55.0	Litho1	V2J	Colour1	A	Int1	4	% Mix	100	Litho2		Colour2		Int2		Grain Size	mg										
	Comments	Dark gn-gr, fine-gd, md hornfelsed, locally md ep altered crystal tuff or flow																												
						B094158	53	55	G	a					5	di															
MVHD	From (m)	55.02	To (m)	57.3	Litho1	V2J	Colour1	G	Int1	4	% Mix	70	Litho2	I2F	Colour2	R	Int2	3	Grain Size	mg										
	Comments	intrusive contact																												
55.02	57.32	fa		4																										
MONZ	From (m)	57.32	To (m)	78.2	Litho1	I2F	Colour1	R	Int1	3	% Mix	100	Litho2		Colour2		Int2		Grain Size	cg										
	Comments	Red-gray, coarse monzonite breccia.																												
						B094161	59	61	R	W			1	di	7	di											4	nt			
						B094162	61	63	R	A			3	di	7	di											4	nt			
						B094163	63	65	R	A			3	di	7	di	3	di									4	nt			
						B094164	65	67	R	A			1	di	7	ve	3	di									4	nt			
						B094165	67	69	R	G			2	di	5	ve	3	di									3	nt			
						B094166	69	71	R	G			1	di	7	di	3	di									3	nt			
						B094167	71	73	R	G			3	di	7	di	3	di									3	nt			
						B094168	73	75	R	G			3	di	10	di	3	di									3	nt			
						B094169	75	77	U	A			3	di	10	di											2	ma			
59.06	59.8	fa		4																										
59.8	73	fa		3																										
LAFW	From (m)	78.2	To (m)	81.4	Litho1	V2J	Colour1	G	Int1	4	% Mix	100	Litho2		Colour2		Int2		Grain Size	mg										
	Comments	Dark gn-gr, fine-grained porphyritic, augite-phyric flow.																												
						B094171	79	81	U	A					1	di															

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				3	ve									
				2	ve									
				2	ve									
				2	ve									
				2	ve									
				2	ve									
				2	ve									
							2	ve						Post-minera dike(?)
							2	ve						

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks	Int	How
MONZ	From (m) 81.4	To (m) 127	Litho1 I2F	Colour1 R	Int1 3	% Mix 100	Litho2	Colour2	Int2	Grain Size cg									
	Comments Red-gray, monzonite bx.																		
				B094173	83	85	R	A	1	ve	3	ve	3	di			3	nt	
				B094174	85	87	R	A	10	nt	5	nt	3	di			4	nt	
				B094175	87	89	R	A	10	di	3	di	3	di			4	nt	
				B094176	89	91	R	A	5	di	5	ve	3	di			4	nt	
				B094177	91	93	R	A	3	di	5	ve	3	di			4	nt	
				B094178	93	95	R	W	10	ve	3	ve	3	di			4	nt	
				B094181	95	97	R	A	10	ve	3	ve	3	di			4	nt	
				B094182	97	99	R	A	7	ve	5	ve	3	di			4	nt	
				B094183	99	101	R	A	3	ve	3	di	3	di			3	nt	
				B094184	101	103	R	A	7	di	5	di	3	di			3	nt	
				B094185	103	105	R	A	7	ve	2	di	3	di			4	nt	
				B094186	105	107	R	A	10	nt	7	ve	3	di			4	nt	
				B094187	107	109	A	G	10	ve	5	ve	3	di			3	nt	
				B094188	109	111	R	A	7	ve	7	di	3	di			4	nt	
				B094189	111	113	R	A	10	bY	3	di	3	di			4	nt	
				B094191	113	115	R	A	10	ve	5	ve	3	di			4	nt	
				B094192	115	117	R	A	3	ve	7	ve	4	di			4	nt	
				B094193	117	119	R	A	3	di	3	ve	4	di			4	nt	
				B094194	119	121	R	A	7	ve	3	di	4	di			4	nt	
				B094195	121	123	R	A	3	di	1	di	3	di			4	nt	
				B094196	123	125	R	A	5	by	1	di	3	di			3	nt	
				B094197	125	126.2	R	A	10	ve	3	di	3	di			3	nt	
115.12	116.1	fa	3																
85.64	99.6	fa	3																
97	115																		
MVHD	From (m) 126.5	To (m) 155	Litho1 I2F	Colour1 R	Int1 3	% Mix 30	Litho2 V2J	Colour2 A	Int2 4	Grain Size cg									
	Comments irregular intrusive contact																		

How2	Bti nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				3	ve	ma	2	ve						
				3	ve	ma								
				3	ve	ma	2	ve						
				3	ve	ma	2	ve						
				3	ve	ma	2	ve						
				3	ve	ma	4	ve						
				3	ve	ma	2	ve						
				3	ve	ma	2	ve						
				3	ve	ma	2	ve						
				2	ve	ma	1	ve						
				3	ve	ma	3	ve						
				3	ve		3	ve						
ma				3	ve		2	ve						
ma							3	ve						
ma				2	ve		3	ve						
ma				2	ve		3	ve						
ma				3	ve	ma	2	ve						
ma				3	ve	ma	2	ve						
ma				3	ve	ma	2	ve						
ma				2	ve									
ma				2	ve									
ma				2	ve									

From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Min1	How	Ks Int	How
				B094199	128	130	A	R	7	di	1	di	3	di			3	nt
				B094200	130	131	A	R	5	ve	5	ve	4	di				
				B094201	131	133	A	N	7	di	3	di	4	di			2	ma
				B094202	133	135	R	N	7	di	3	di	4	di			2	ma
				B094251	135	137	R	N	3	di	5	ve	3	di			2	ma
				B094252	137	139	A	N	7	di	7	ve	3	di			2	ma
				B094253	139	141	A	N	5	di	5	ve	3	di			2	ma
				B094254	141	143	A	N	10	di	5	ve	3	di			2	ma
				B094255	143	145	A	N	2	di	10	di	3	di			2	ma
				B094256	145	147	N	A			3	ve	4	di			2	ma
				B094257	147	149	N	A			3	ve	4	di			3	ma
				B094258	149	151	N	A	2	di	5	di	4	di			3	ve
				B094261	151	153	N	A			1	di	3	di			3	ve

LAFW **From (m)** 154.7 **To (m)** 165 **Litho1** V2J **Colour1** A **Int1** 4 **% Mix** 100 **Litho2** **Colour2** **Int2** **Grain Size** mg

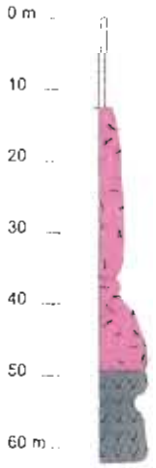
Comments Dk gr, fine-gd, locally porphyritic andesite; locally md Ksp altered.

				B094263	155	157	N	A	2	di	5	di	1	di			3	ve
				B094264	157	159	N	A	1	di	5	di	1	di			2	ma
				B094265	159	161	N	A	2	di	5	ve	1	di			2	ma
				B094266	161	163	N	A	5	ve	10	ve	1	di			2	ma
				B094267	163	164.89	N	A	5	ve	10	ve	1	di			2	ma

How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
ma				2	ve									
				2	ve									
				5	nt									
				5	nt									
				3	ve		2	ve						
				4	ve									
				4	ve					3	ve			
				3	ve					3	ve			
				3	ve					3	ve			
				3	ve					4	by			
ma				2	ve					2	by			
ma				2	ve					3	by			
ma										3	by			
				2	ve					3	by			
				2	ve					1	by			
	3	vn		3	ve					1	by			
	3	fg		3	ve					1	by			

DD 04-933

Project: Mt. Milligan (C48) **Site #:** 17 **Twinning:** 89-339
Zone: Southern Star **Section N:**
Start Drill: Sept **Start Log:**
End Drill: Sept. **End Log:**
Drilled by: Agressive **Logged by:** AF
Depth: **Azimuth:** 270 **Dip:** -45 **E:** 434245.82 **N:** 6108211.09 **RL:** 1155.34
Sample Sequence: B094268 to B094293



From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgnt	How	Mnl	How	Ks	Int	How
04-933																			
MONZ	**From (m)** 12.8	**To (m)** 49.4	**Litho1** I2F	**Colour1** R	**Int1** 3	**% Mix** 100	**Litho2**	**Colour2**	**Int2**	**Grain Size** cg									
	Comments Red-gr, md to st brecciated monzonite.																		
				B094268	13.5	15	r	n			1	di	1	di			5	nt	
				B094269	15	17	r	n	3	ve	3	ve	1	di			5	nt	
				B094271	17	19	R	A	1	di	3	di	3	di			4	nt	
				B094272	19	21	r	A	1	di	3	di	3	di			4	nt	
				B094273	21	23	r	A	1	di	3	di	3	di			4	nt	
				B094274	23	25	r	A			7	ve					4	nt	
				B094275	25	27	A	R			7	ve					4	nt	
				B094276	27	29	R	G			7	ve	4	di			3	nt	
				B094277	29	31	G	R	5	di	7	ve	2	di			3	nt	
				B094278	31	33	R	G	3	di	7	ve	2	di			3	nt	
				B094279	33	35	R	A	5	di	10	ve	2	di			4	nt	
				B094280	35	37	R	A	7	ve	10	ve	3	di			4	nt	
				B094281	37	39	R	A	7	by	5	ve	3	di			4	nt	
				B094282	39	41	R	A	7	ve	3	ve	4	di			4	nt	
				B094283	41	43	R	A	5	di	5	ve	4	di			4	nt	
				B094284	43	45	A	R	7	di	5	di	4	di			4	nt	
				B094285	45	47	R	A	10	ve	7	ve	3	di			4	nt	
				B094286	47	49	R	N	5	ve	7	ve	2	di			3	nt	
12.8	36.4	fa	3																
37	49																		
LAFW	**From (m)** 49.4	**To (m)** 62.2	**Litho1** V2J	**Colour1** N	**Int1** 4	**% Mix** 100	**Litho2**	**Colour2**	**Int2**	**Grain Size** mg									
	Comments Blk to dk gr, augite-phyric crystal tuff (?) or flow. Augite pv replaced by cc-act.																		
				B094288	51	53	N	g	2	di	3	di	3	di			3	nt	
				B094289	53	55	N	g	1	di	2	di	3	di			2	nt	
				B094290	55	57	N				1	di	2	di			2	nt	

How2	Btl Int	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
				3	ve									
				3	ve									
				2	ve									
				2	ve									
				2	ve		3	ve						
				3	ve		3	ve						
				3	ve		3	ve						
				2	ve									
				2	ve									
				2	ve									
				4	by	ve								
				4	by	ve								
				4	by	ve								
				4	by	ve	3	ve					1513	
				4	by	ve	3	ve						
				4	by	ve	3	ve						
				5	by	ve	3	ve						
				3	by	ve	2	ve						
				2	ve	by								
				3	ve	by								
ve	2	by		3	ve	by								

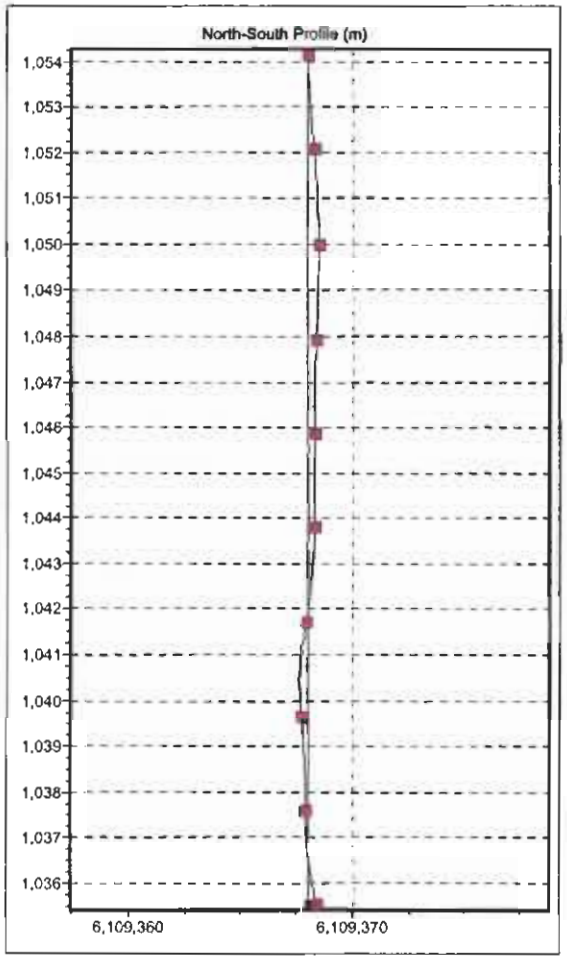
From	To	Struct	Int	Sample #	From (m)	To (m)	Colour1	Colour2	Cp %	How	Py %	How	Mgint	How	Mint	How	Ks	Int	How
				B094291	57	59	N	g	3	ve	1	di	2	di			3		nt
				B094292	59	61	N	g	1	ve	3	di	2	di			3		nt
				B094293	61	62.17	N	G	1	di	1	ve	3	di			3		nt
51	62.17																		

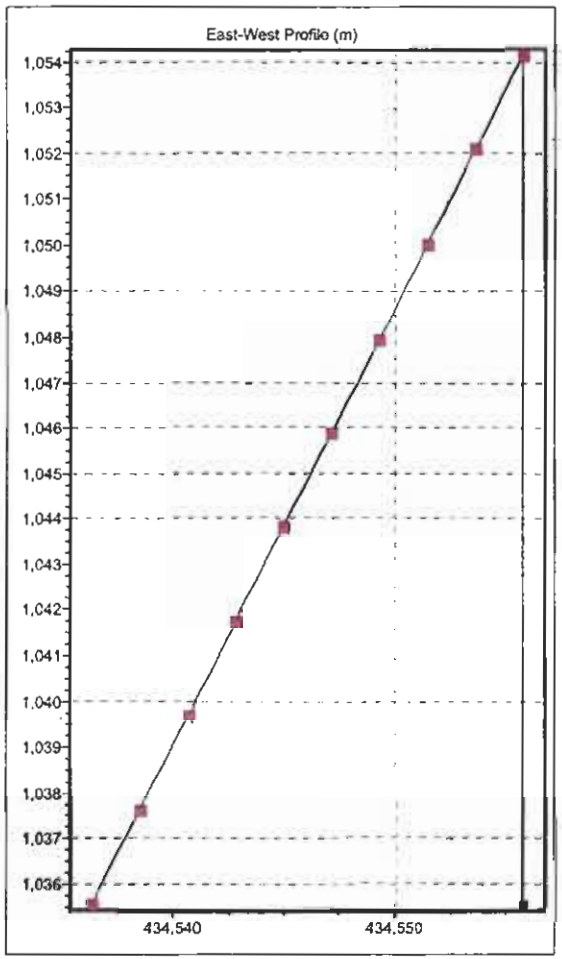
How2	Btl nt	How	How2	Ca Int	How	How2	Si Int	How	How2	Ep Int	How	How2	Photo #	Comments
ve	2	by		3	ve	by								
ve	2	by		4	by									
vn	3	by		5	by	ve								

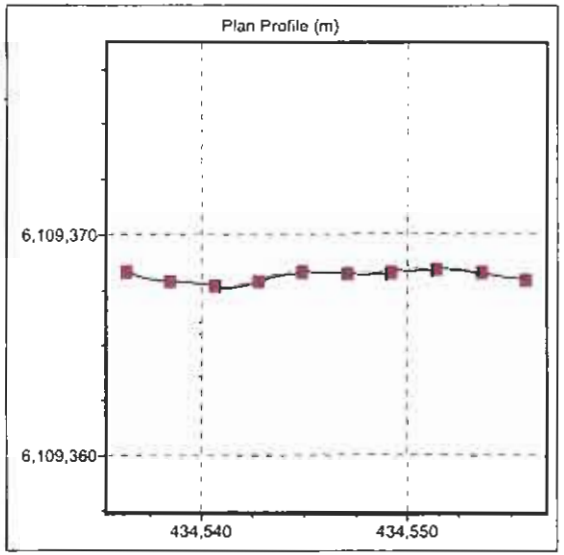
APPENDIX III – DOWNHOLE SURVEYS

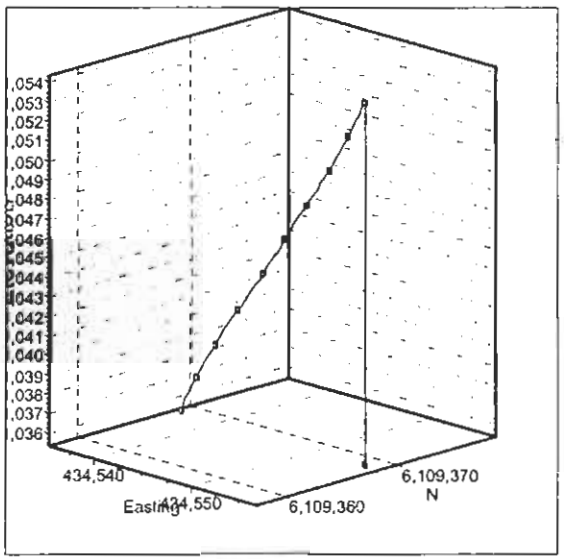
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 8/13/2004 9:14:46 PM).

Hole ID:	DD 04-922	**Date:**	7/8/04 7:53 am	**Collar North:**	6109359.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434625.00m
Site:	Mt Milligan	**Planned Dip:**	-45.0°	**Collar Elevation:**	1121.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-922-2nd try



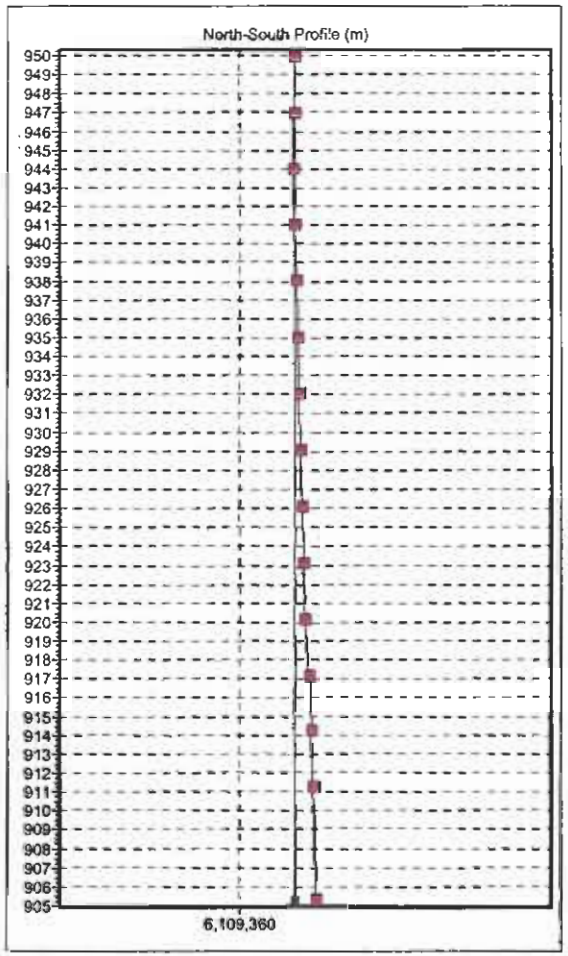


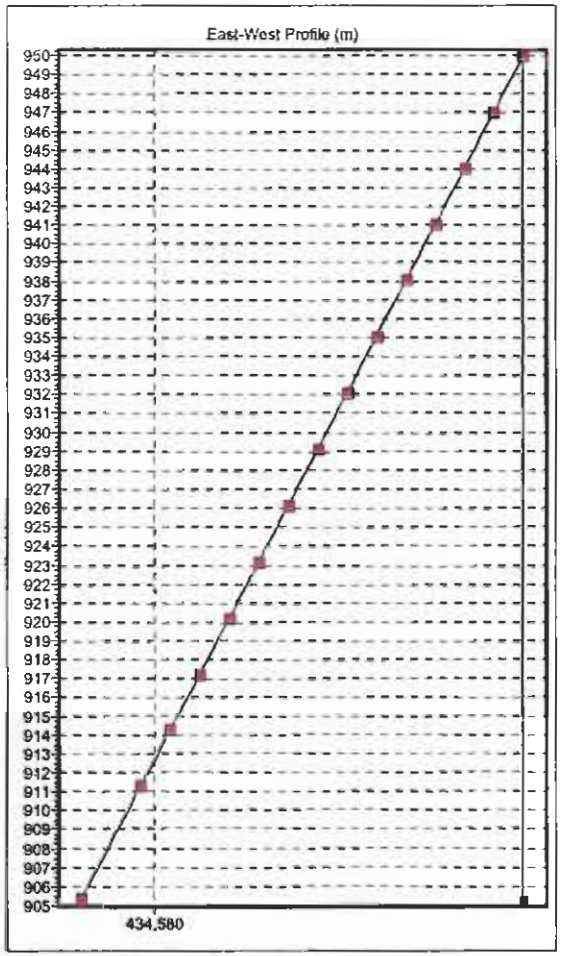


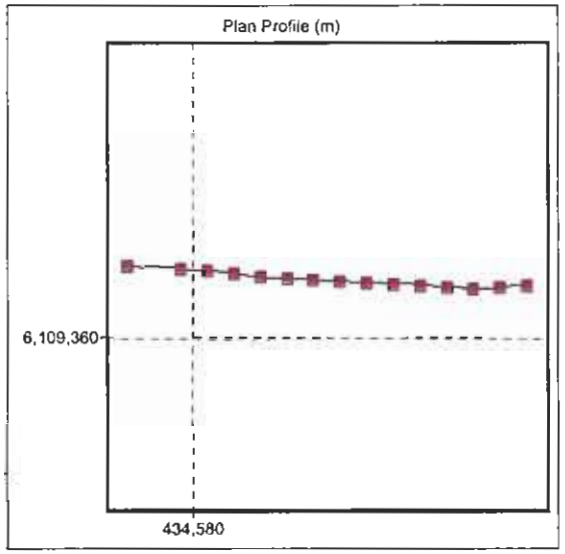


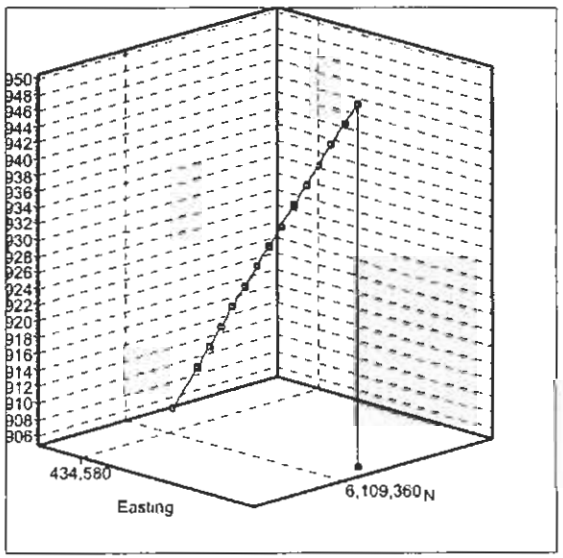
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 8/10/2004 9:23:21 PM).

Hole ID:	DD04-923	**Date:**	10/8/04 10:18 am	**Collar North:**	6109359.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434625.00m
Site:	Mt Milligan	**Planned Dip:**	-80.0°	**Collar Elevation:**	1121.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-923



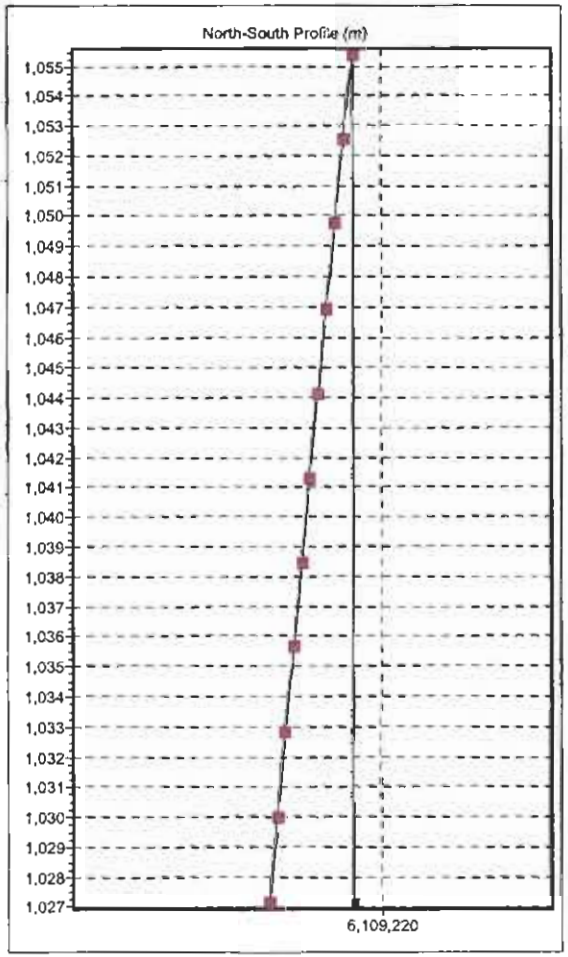


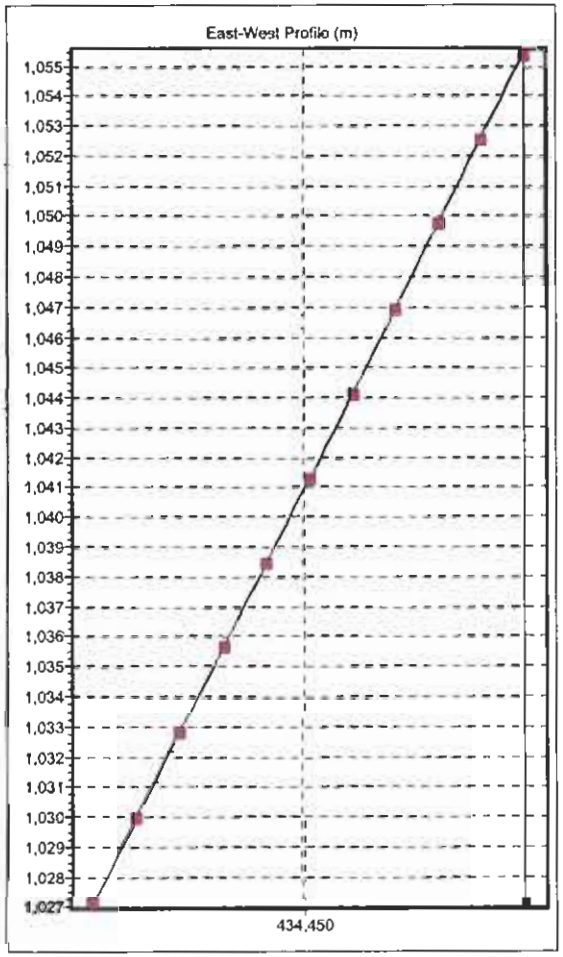


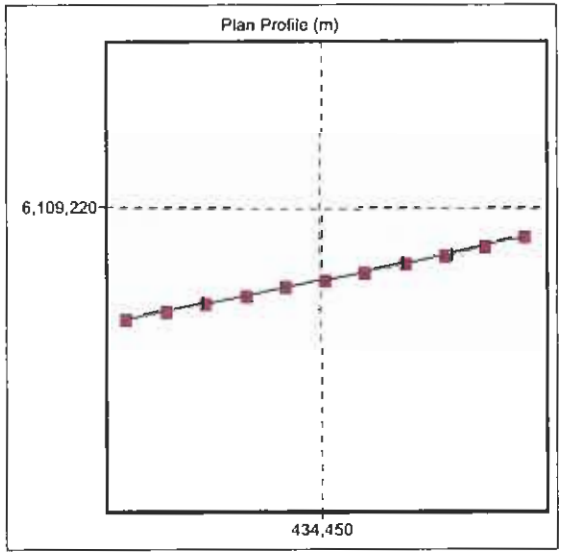


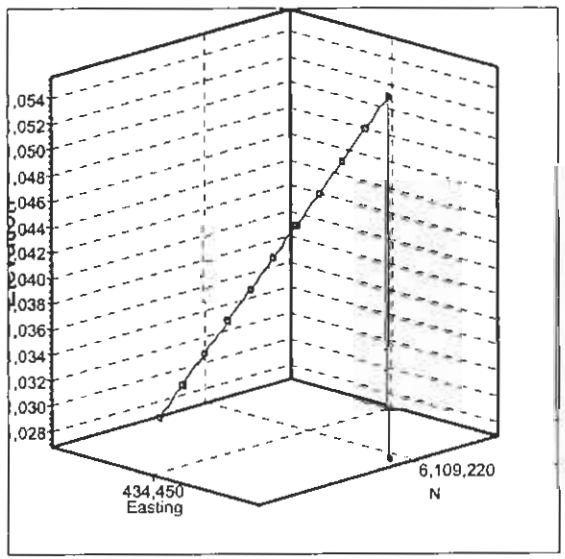
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 8/12/2004 9:23:27 PM).

Hole ID:	DD04-924	**Date:**	10/8/04 10:32 pm	**Collar North:**	6109223.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434476.00m
Site:	Mt Milligan	**Planned Dip:**	-70.0°	**Collar Elevation:**	1114.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-924



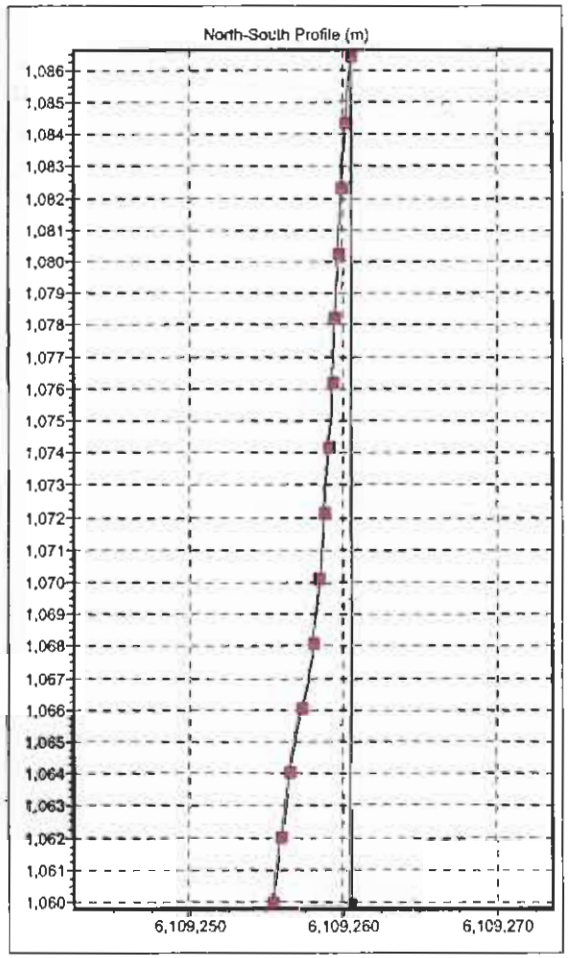


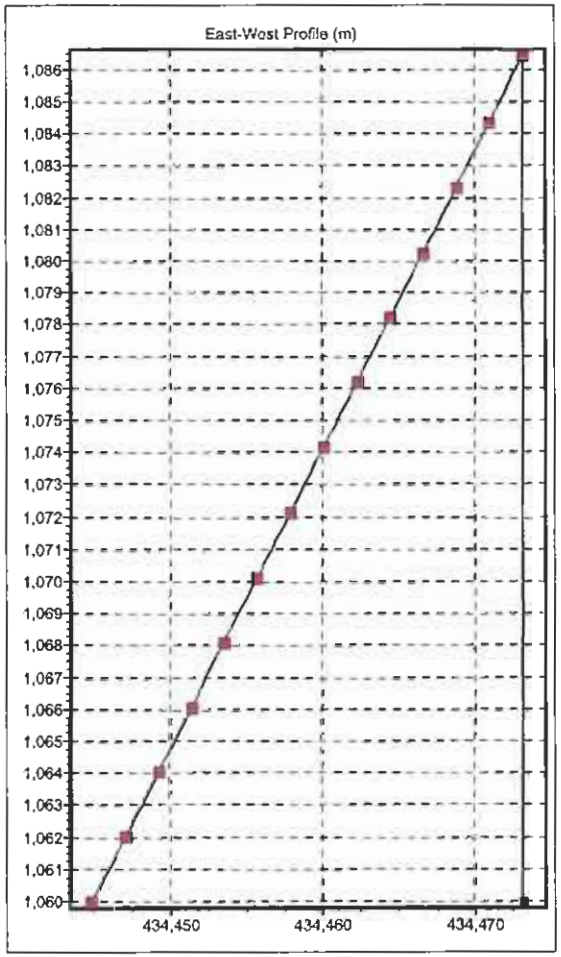


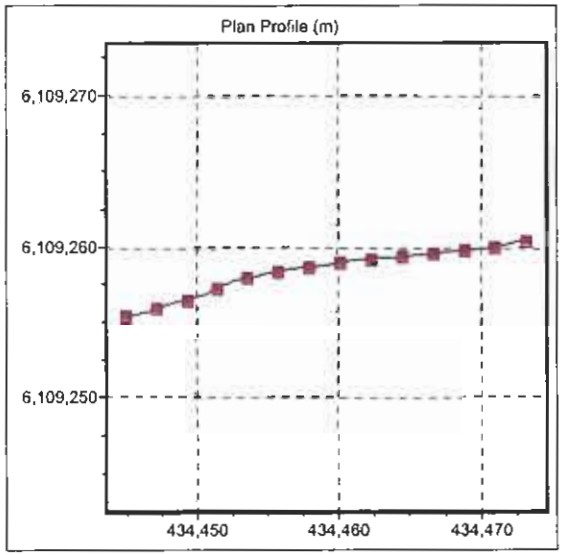


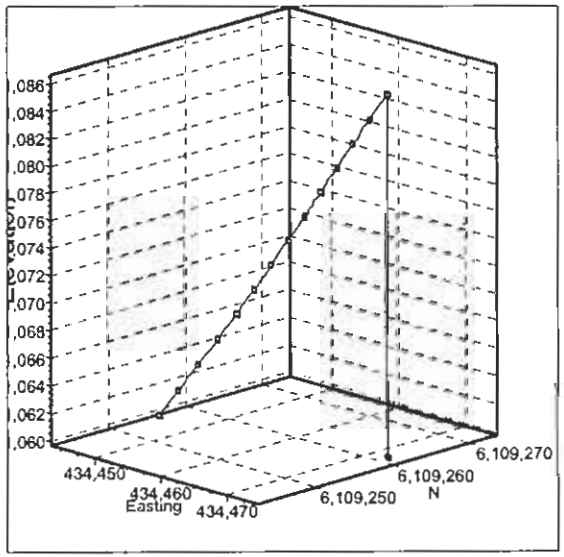
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 8/13/2004 9:07:20 PM).

Hole ID:	DD04-925	**Date:**	13/8/04 6:53 pm	**Collar North:**	6109271.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434519.00m
Site:	Mt Milligan	**Planned Dip:**	-46.0°	**Collar Elevation:**	1131.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-925



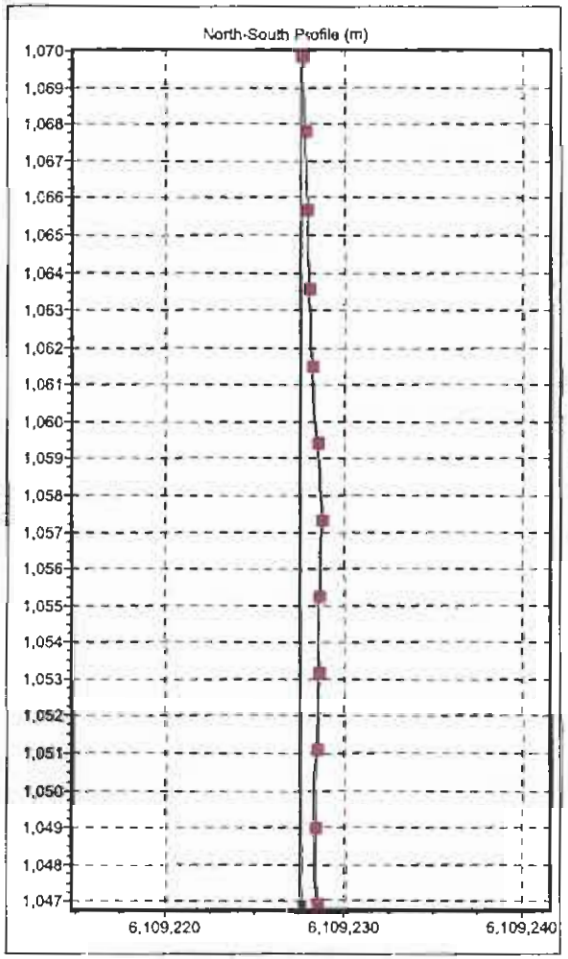


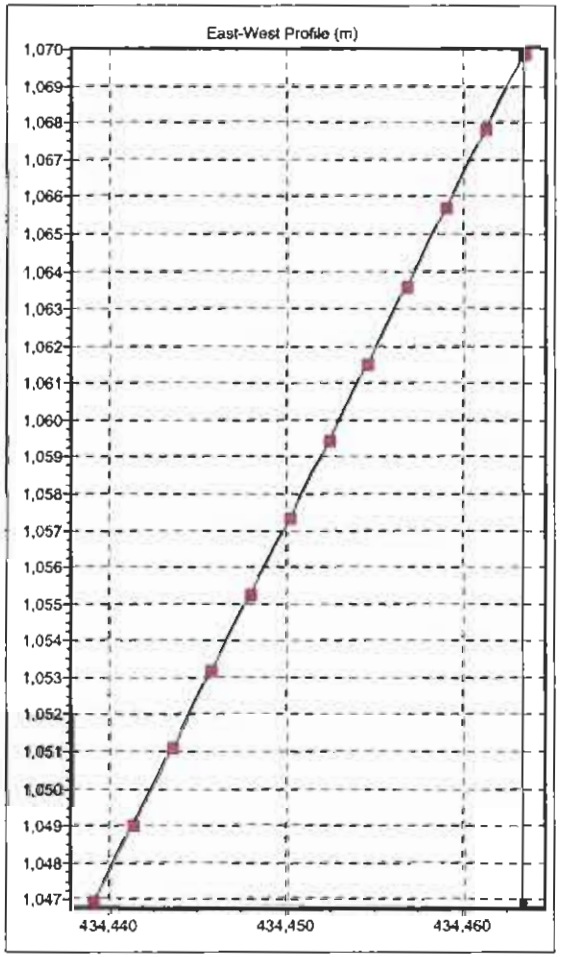


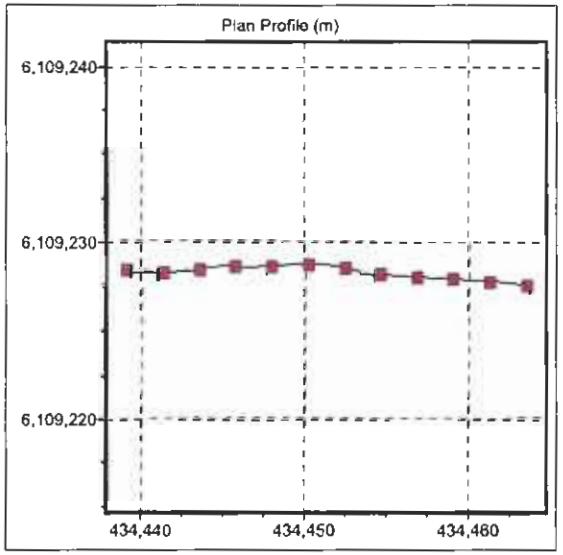


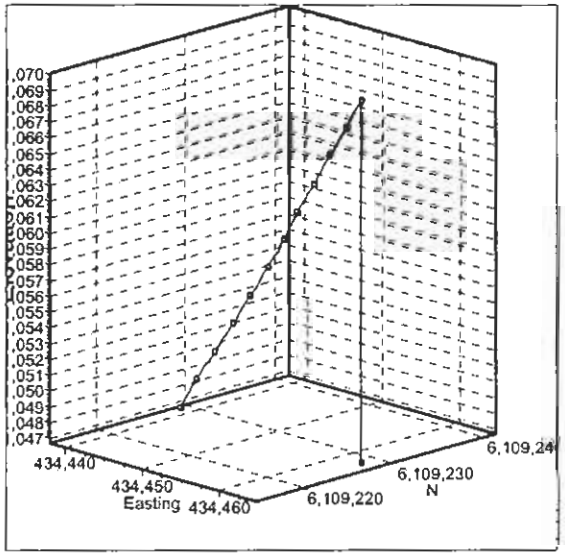
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 8/15/2004 8:17:35 PM).

Hole ID:	DD04-926	**Date:**	14/8/04 1:28 pm	**Collar North:**	6109223.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434510.00m
Site:	Mt Milligan	**Planned Dip:**	-45.0°	**Collar Elevation:**	1114.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-926



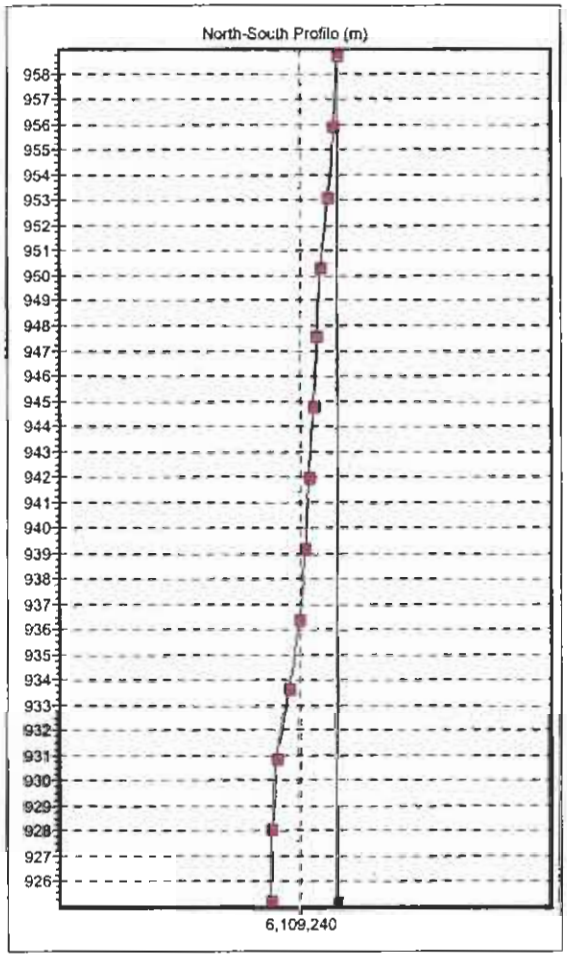


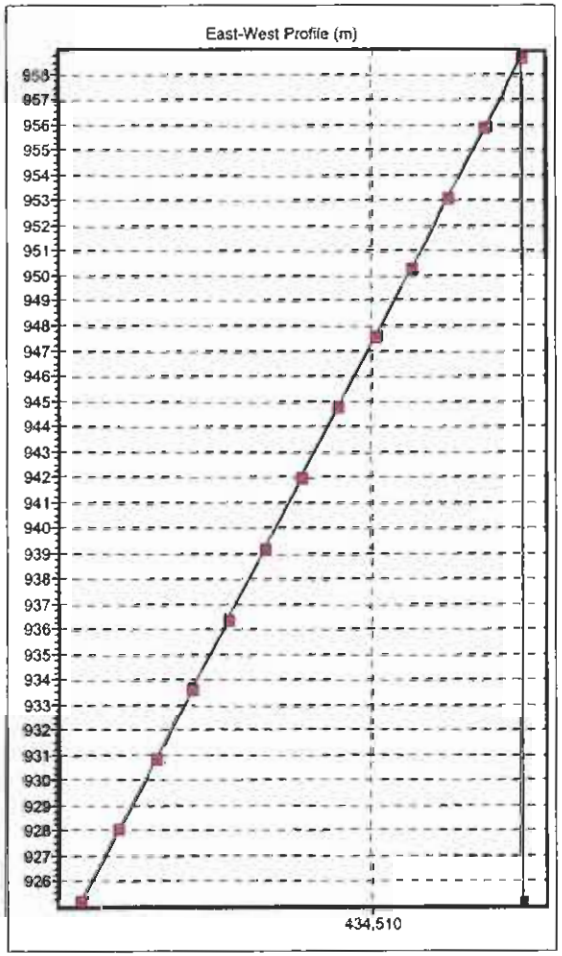


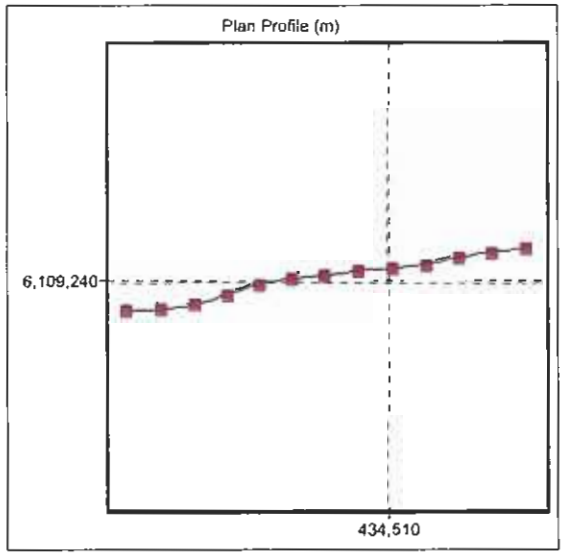


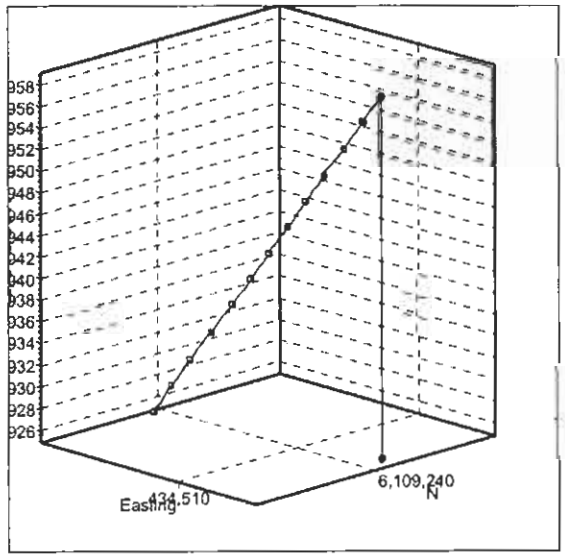
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 8/19/2004 7:17:06 AM).

Hole ID:	DD04-927	**Date:**	18/8/04 8:59 pm	**Collar North:**	6109251.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434575.00m
Site:	Mt Milligan	**Planned Dip:**	-70.0°	**Collar Elevation:**	1113.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-927



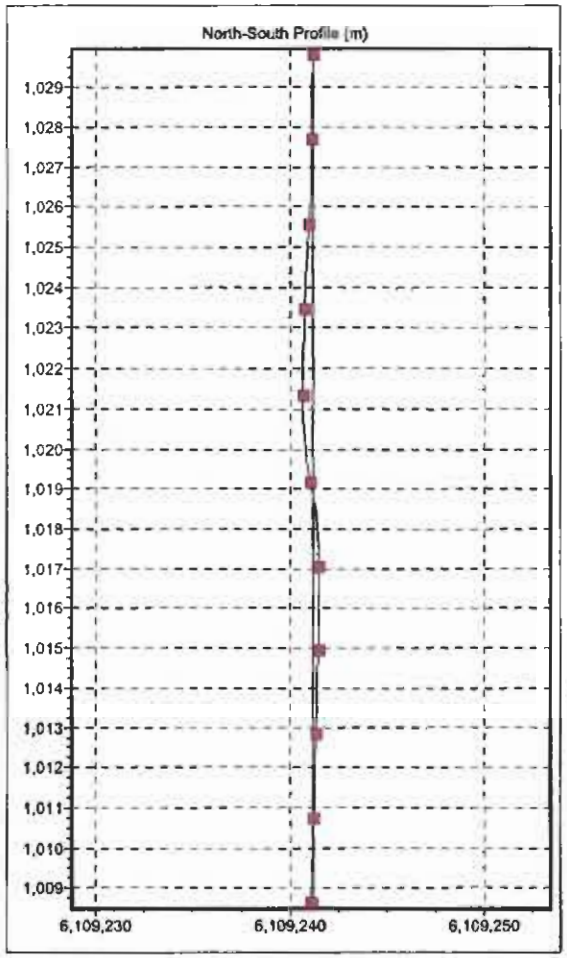


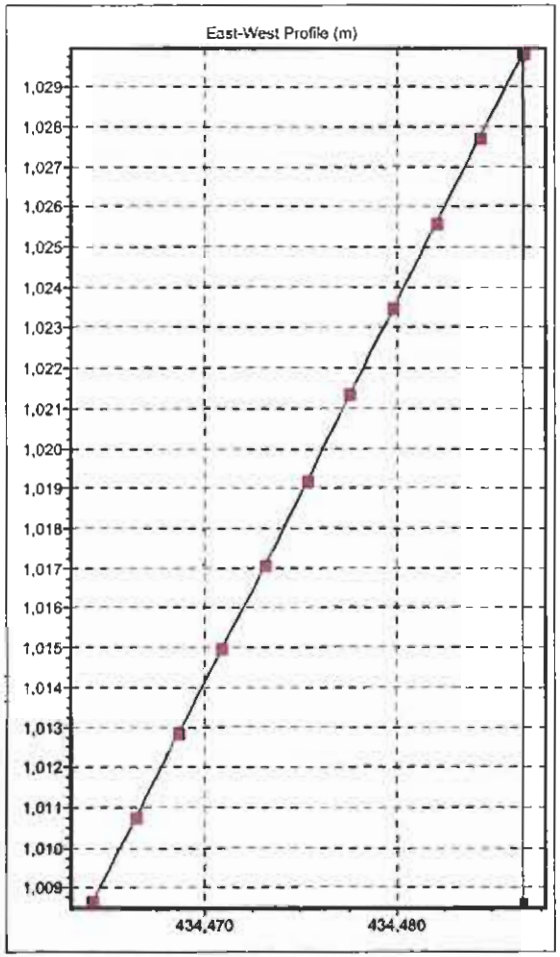


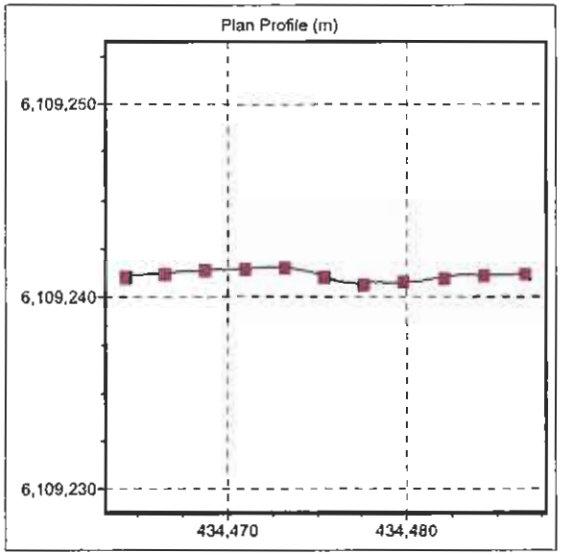


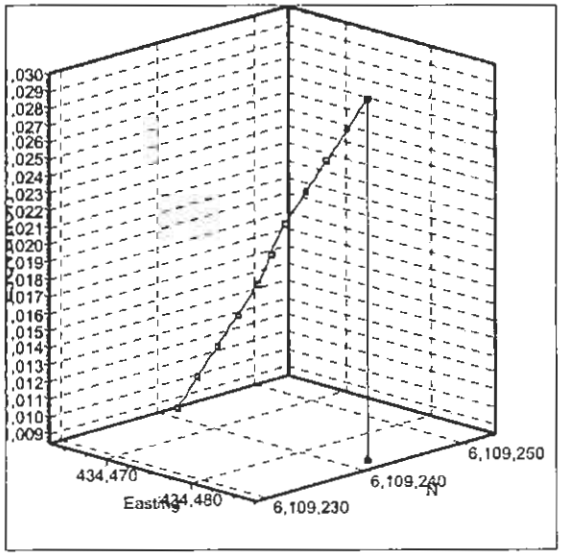
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 8/27/2004 10:25:43 AM).

Hole ID:	DD04-928	**Date:**	22/8/04 3:48 am	**Collar North:**	6109251.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434575.00m
Site:	Mt Milligan	**Planned Dip:**	-45.0°	**Collar Elevation:**	1113.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-928



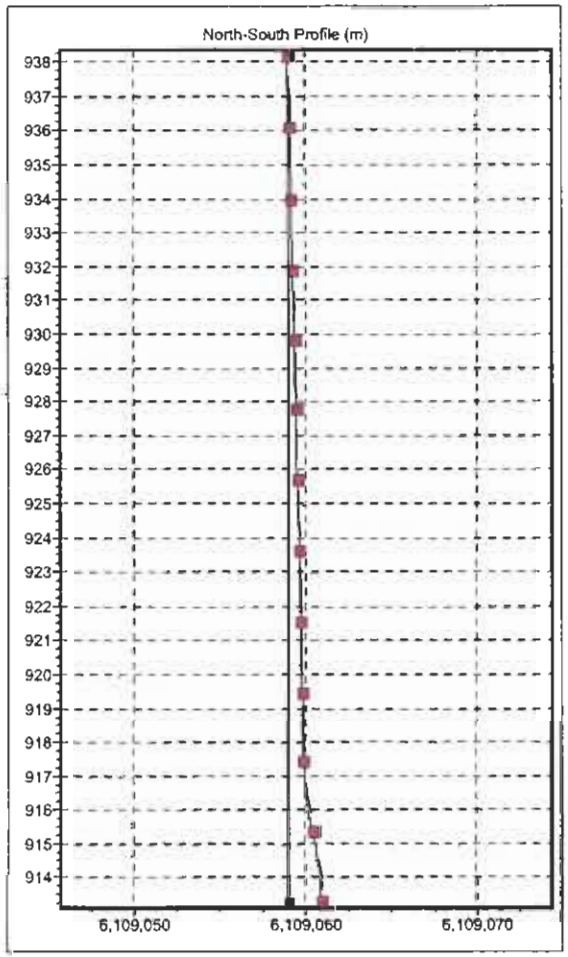


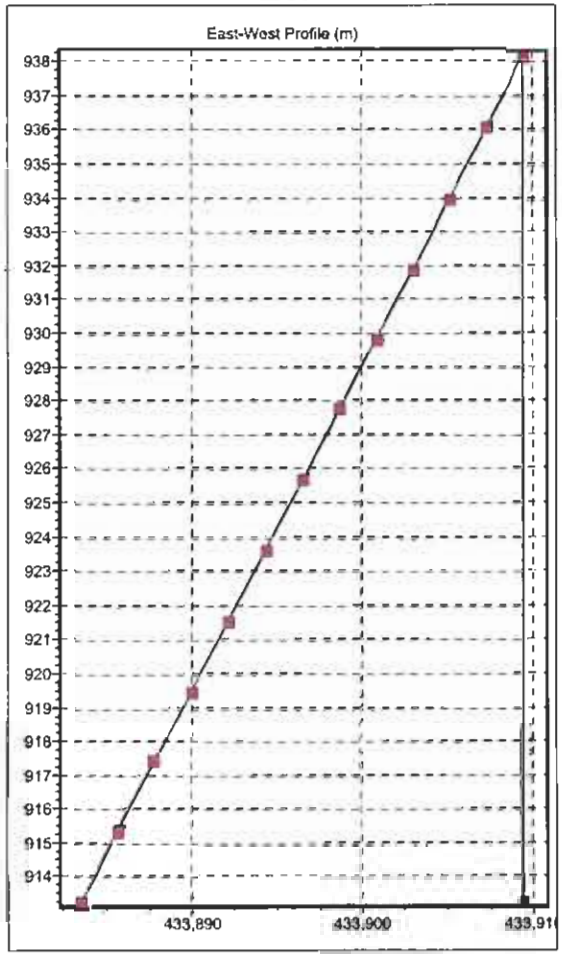


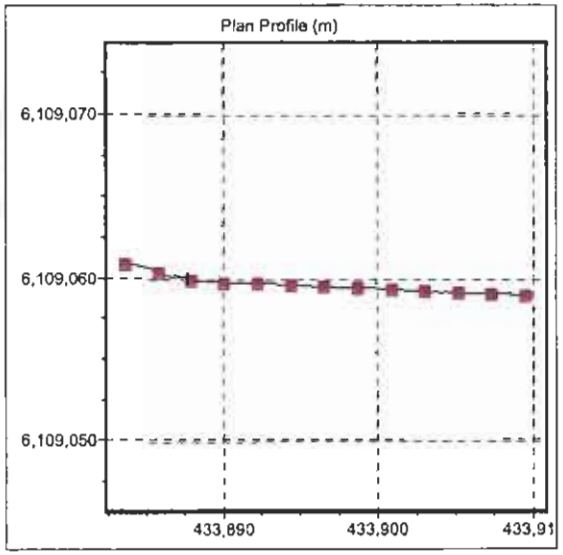


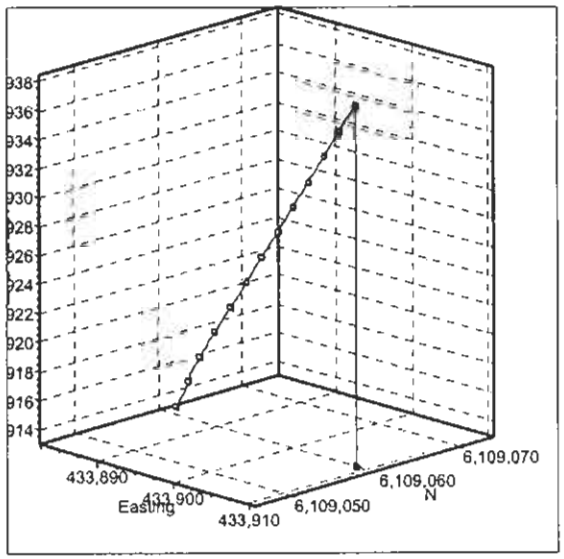
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 9/3/2004 4:18:54 PM).

Hole ID:	DD04-929	**Date:**	28/8/04 8:39 am	**Collar North:**	6109052.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434054.00m
Site:	Mt Milligan	**Planned Dip:**	-45.0°	**Collar Elevation:**	1080.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-929



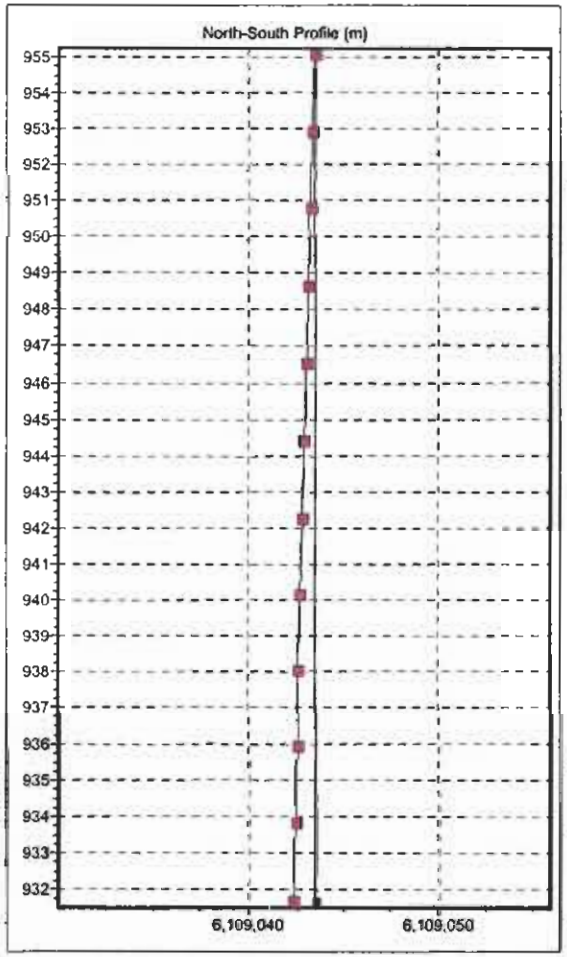


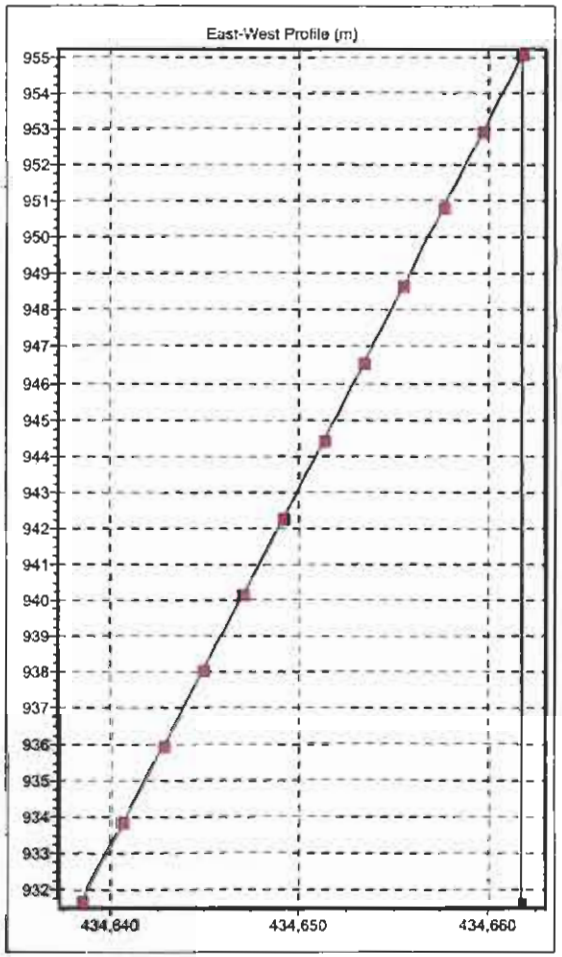


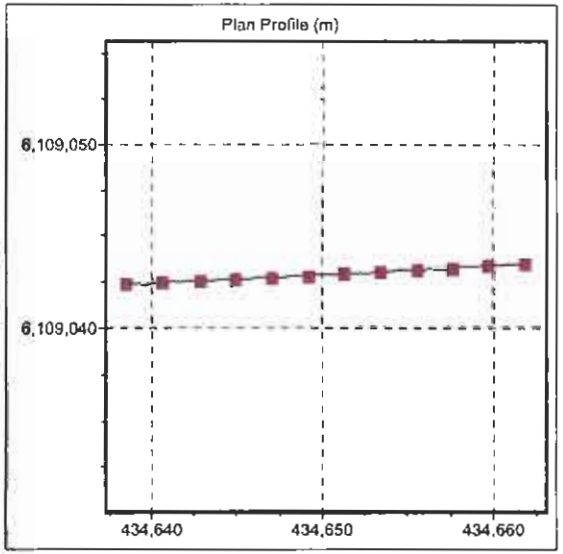


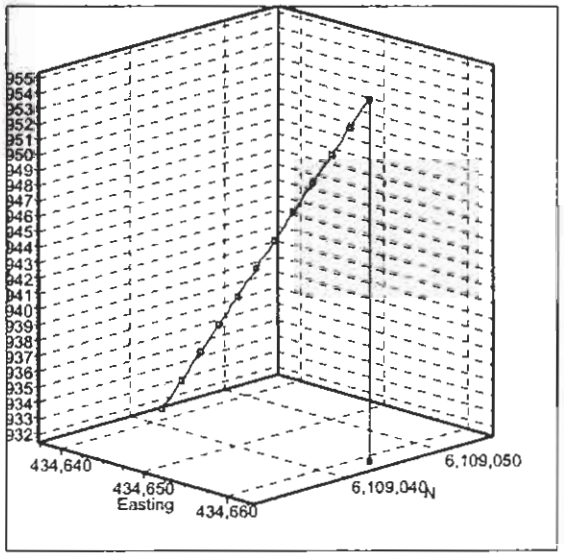
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 9/3/2004 4:20:10 PM).

Hole ID:	DD04-930	**Date:**	1/9/04 3:18 pm	**Collar North:**	6109050.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434781.00m
Site:	Mt Milligan	**Planned Dip:**	-45.0°	**Collar Elevation:**	1076.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-930



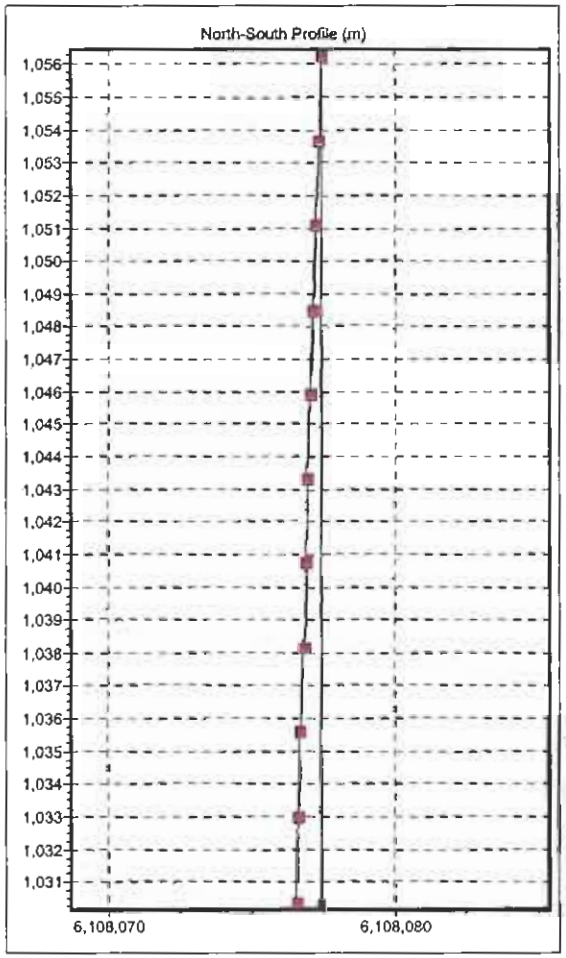


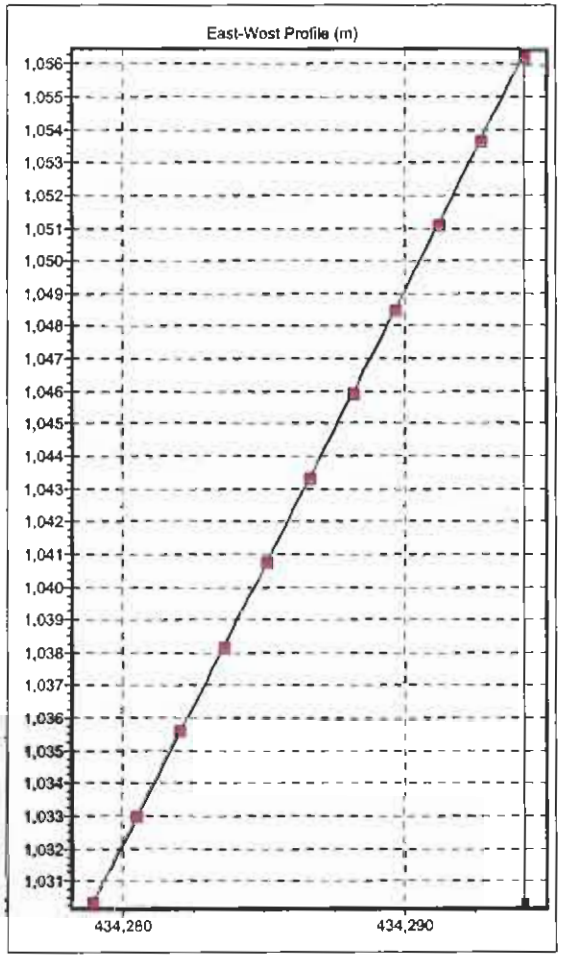


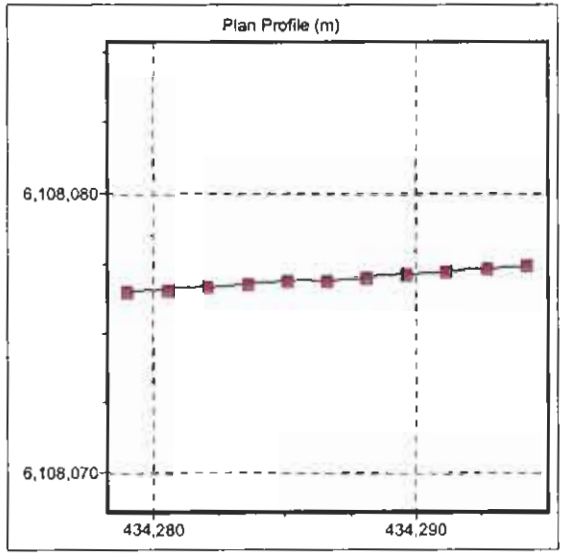


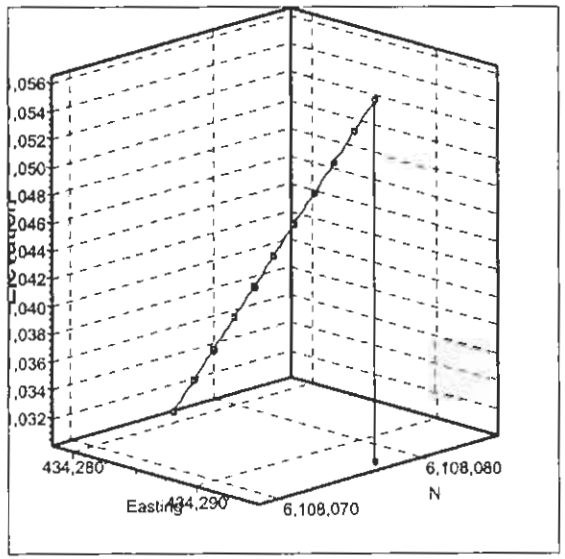
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 9/10/2004 11:53:52 AM).

Hole ID:	DD04-931	**Date:**	4/9/04 3:42 pm	**Collar North:**	6108080.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434346.00m
Site:	Mt Milligan	**Planned Dip:**	-60.0°	**Collar Elevation:**	1144.00m
Operator:	AF	**Planned Azimuth:**	270.0°	**Comment:**	Drill hole 04-931



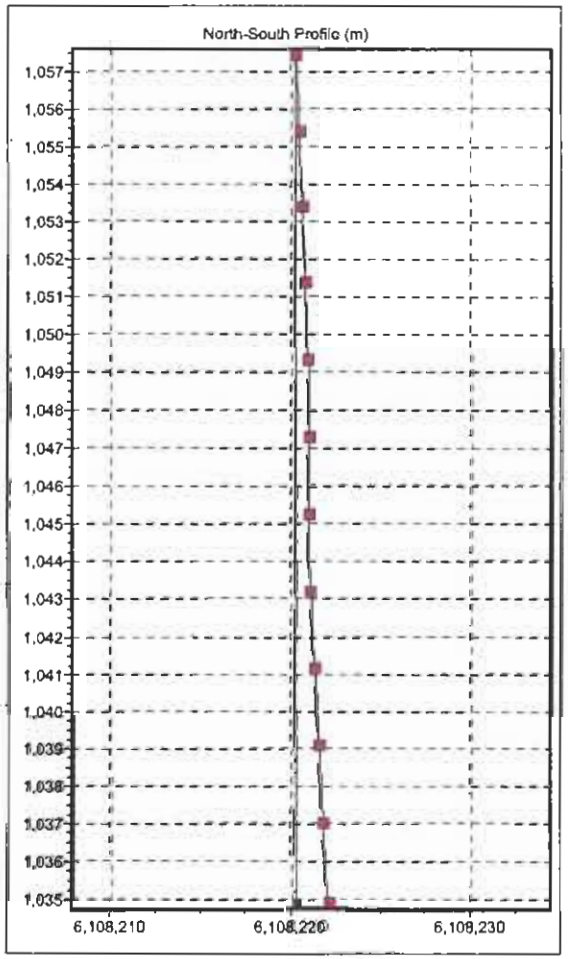


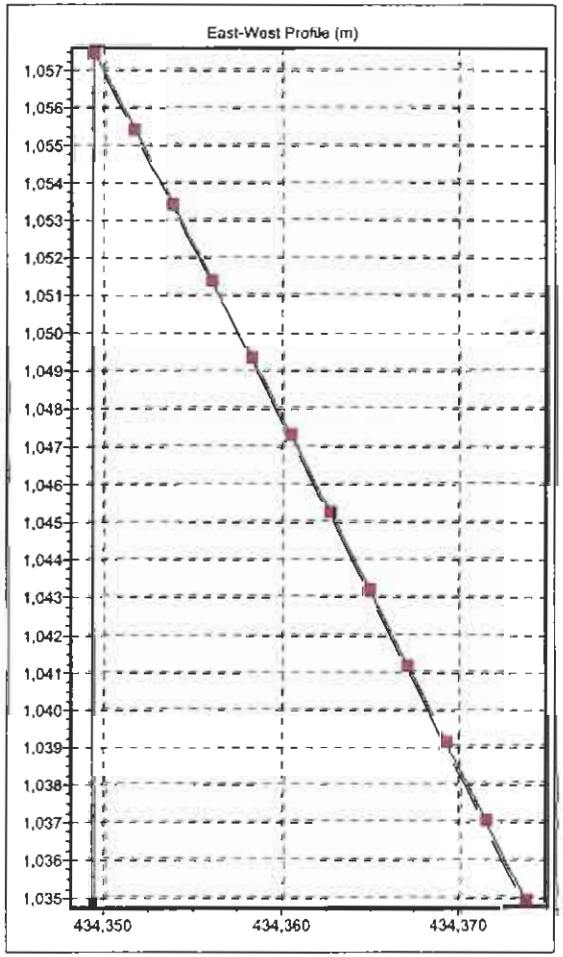


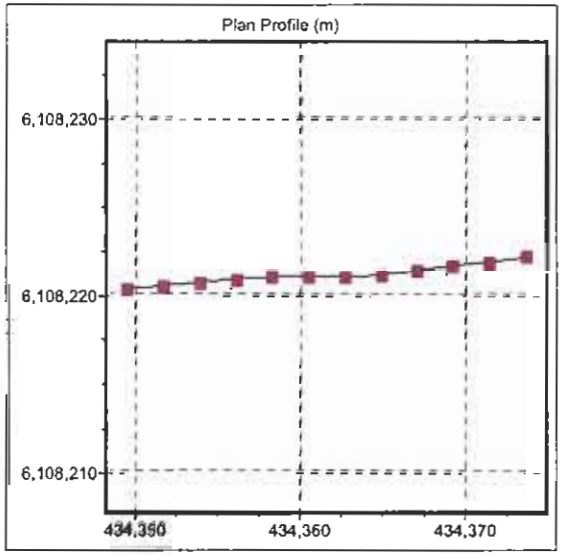


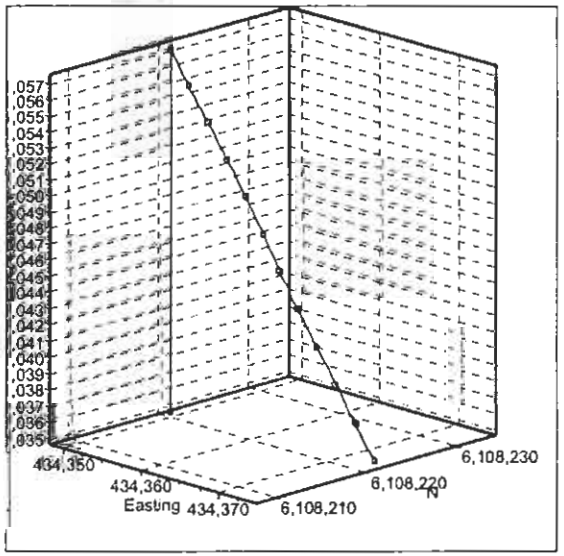
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 9/10/2004 11:54:57 AM).

Hole ID:	DD04-932	**Date:**	8/9/04 1:20 pm	**Collar North:**	6108214.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434252.00m
Site:	Mt Milligan	**Planned Dip:**	-45.0°	**Collar Elevation:**	1146.00m
Operator:	AF	**Planned Azimuth:**	90.0°	**Comment:**	Drill hole 04-932



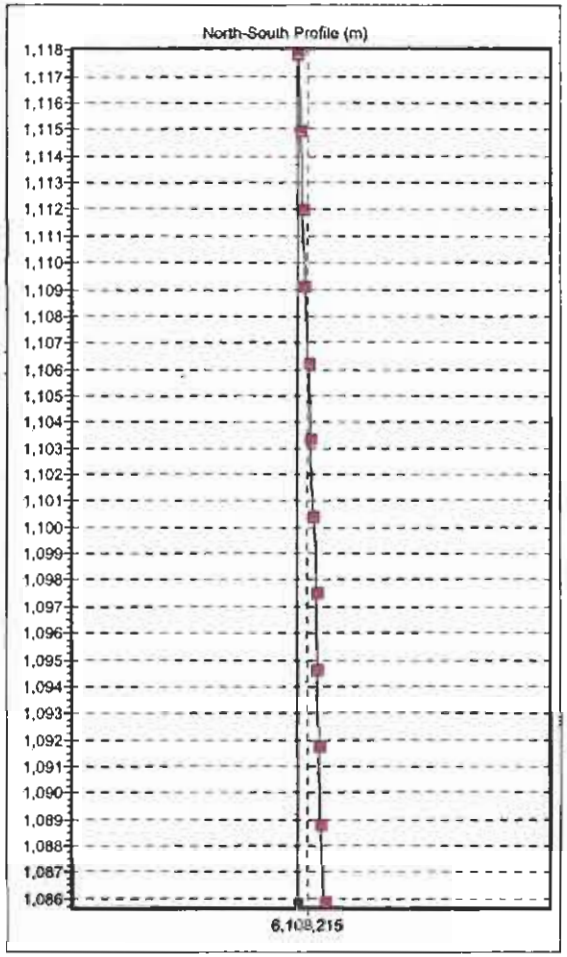


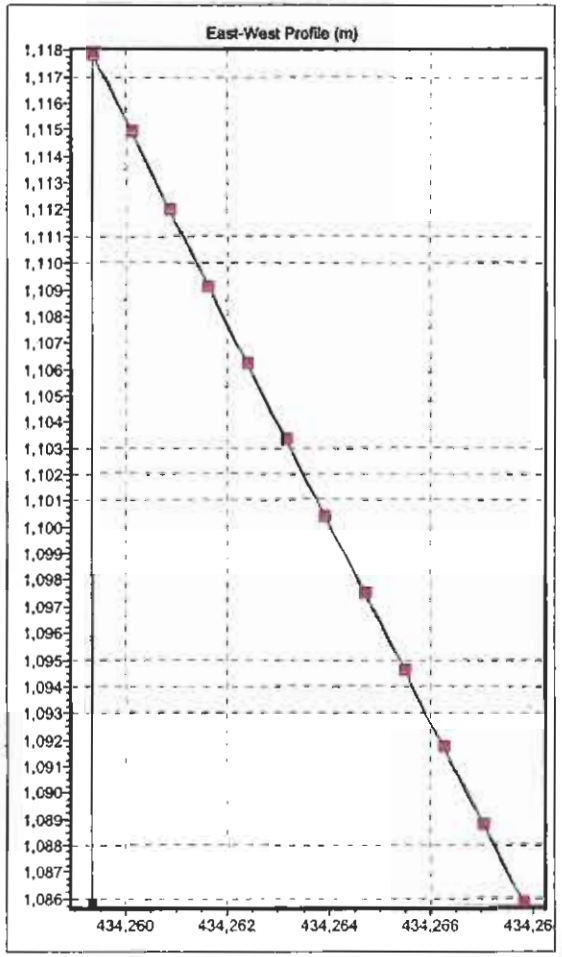


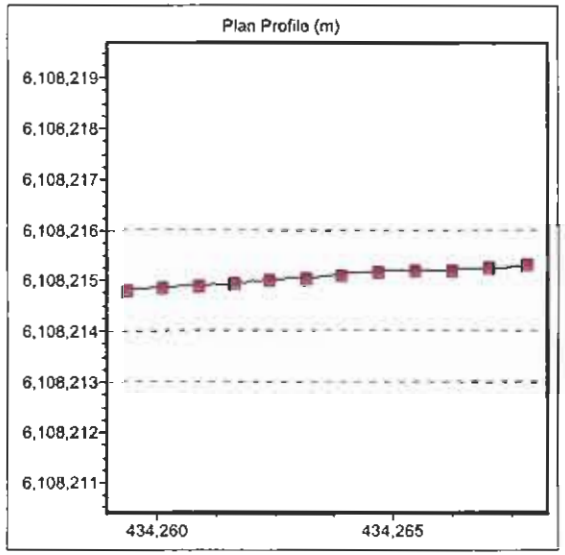


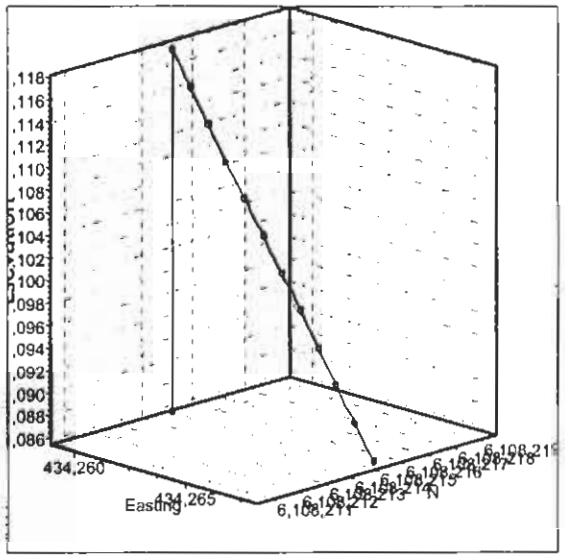
MI3 Borehole Survey Tool - Icefield Tools Corp. - www.icefieldtools.com (printed at 9/15/2004 12:50:19 PM).

Hole ID:	D04-933	**Date:**	10/9/04 12:16 pm	**Collar North:**	6108214.00m
Client:	Placer Dome Inc	**Declination:**	21.5°	**Collar East:**	434252.00m
Site:	Mt Milligan	**Planned Dip:**	-75.0°	**Collar Elevation:**	1146.00m
Operator:	AF	**Planned Azimuth:**	90.0°	**Comment:**	Drill hole 04-933

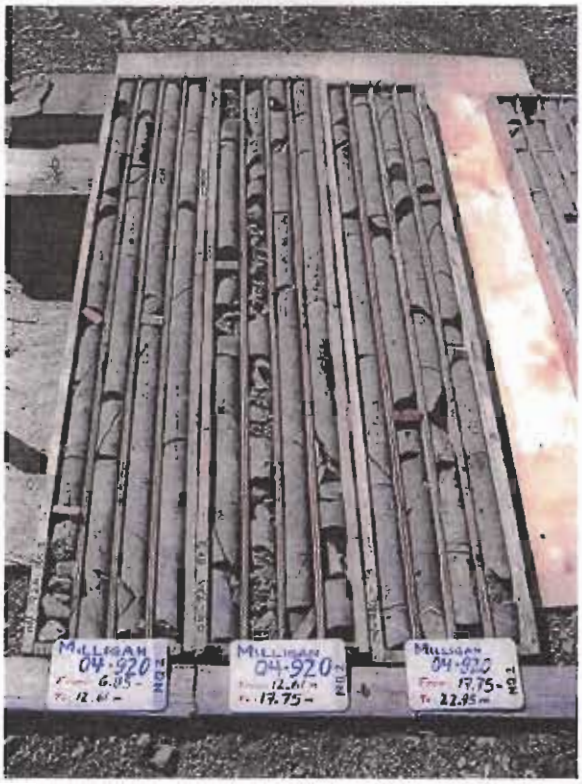


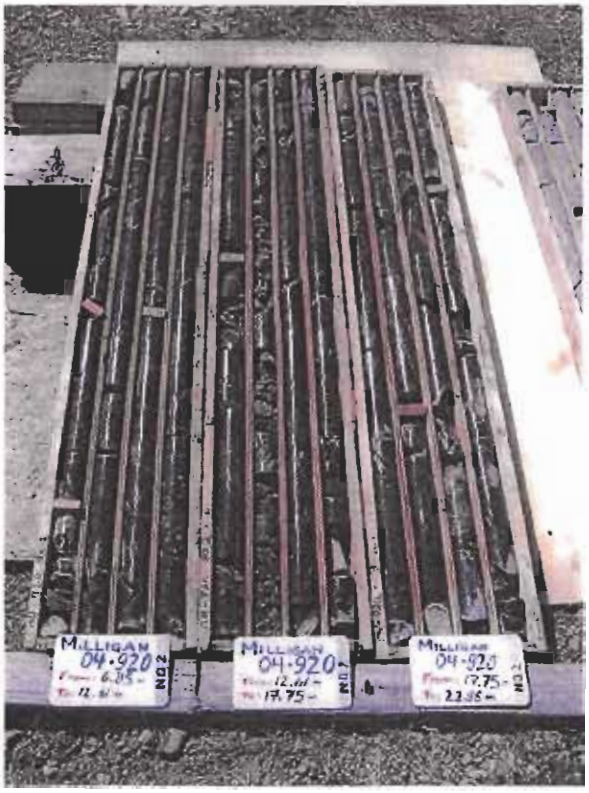






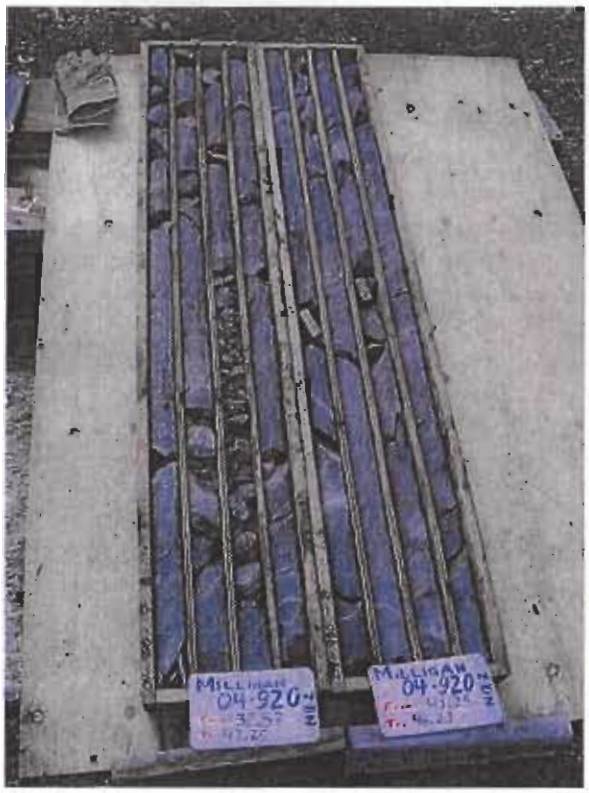
APPENDIX IV – DRILL HOLE PHOTOGRAPHS


MILLIGAN
04-920
From: 6.85 m
To: 12.60 m
NO1
MILLIGAN
04-920
From: 12.60 m
To: 17.75 m
NO1
MILLIGAN
04-920
From: 17.75 m
To: 22.95 m
NO1


MILLIGAN
04-920
From: 6.85 m
To: 12.60 m
NO2
MILLIGAN
04-920
From: 12.60 m
To: 17.75 m
NO2
MILLIGAN
04-920
From: 17.75 m
To: 23.35 m
NO2


MILLIGAN
04-920
From: 22.35 m
To: 25.4 m
NO1
MILLIGAN
04-920
From: 25.4 m
To: 33.40 m
NO1
MILLIGAN
04-920
NO1


MILLIGAN
04-920
From: 22.35 m
To: 25.4 m
NO2
MILLIGAN
04-920
From: 25.4 m
To: 33.40 m
NO2
MILLIGAN
04-920
NO2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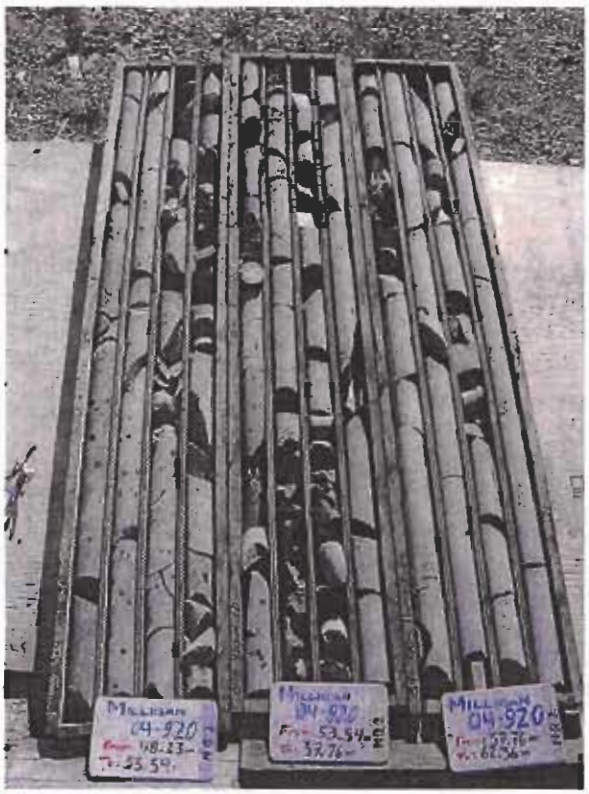
MILLIGAN
04-920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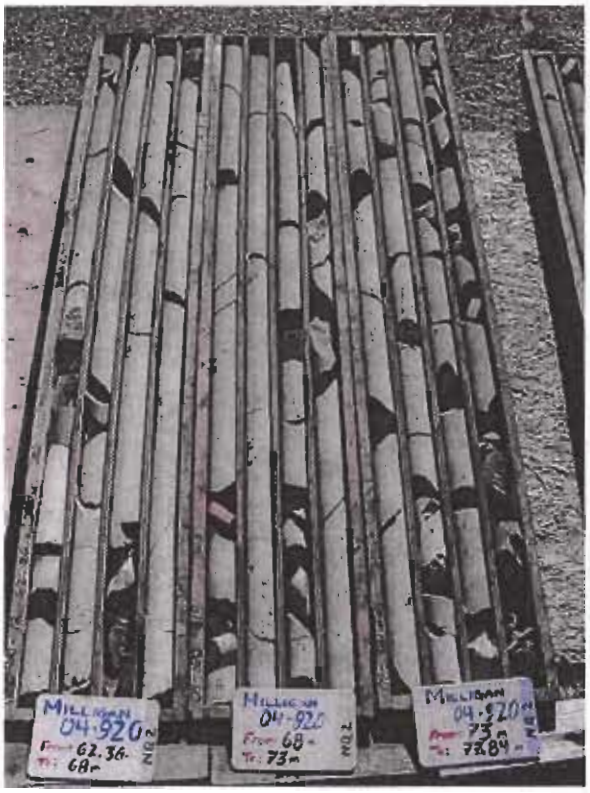
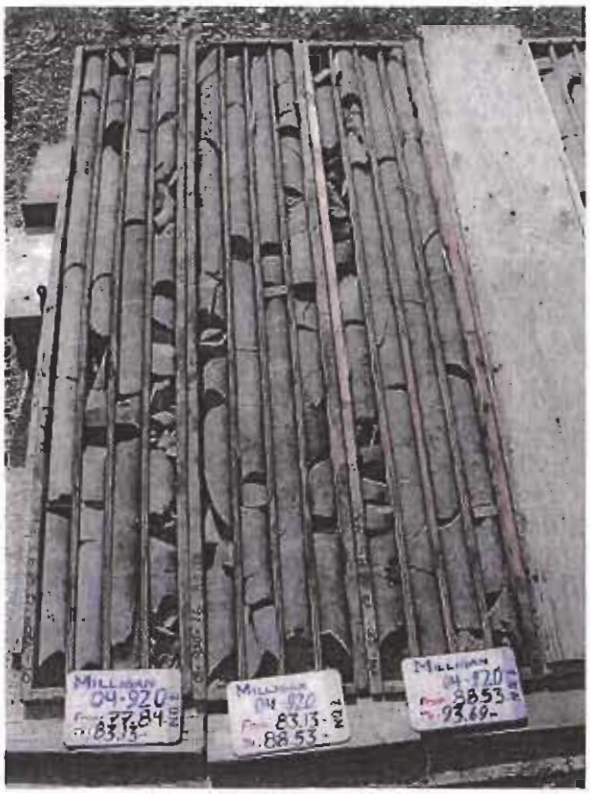
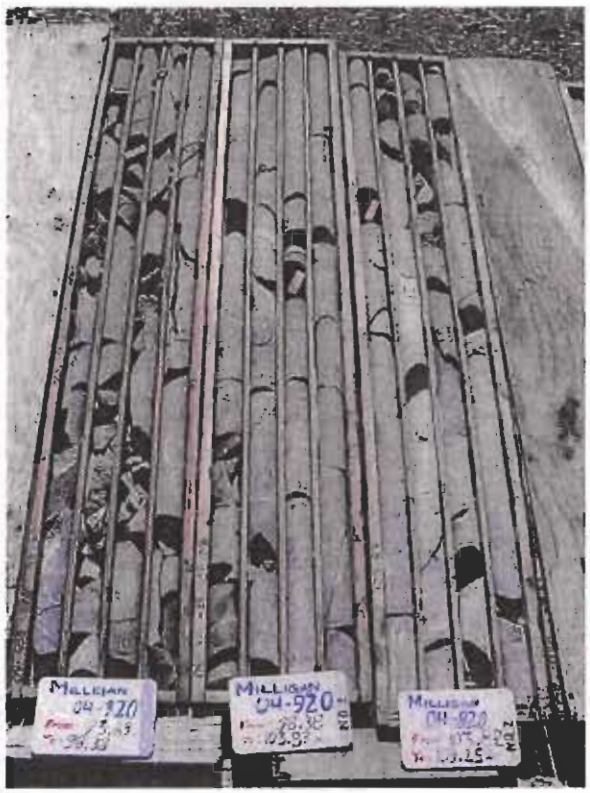
MILLIGAN
04-920


MILLIGAN
04-920
From 62.36
To: 68m
MILLIGAN
04-920
From 68m
To: 73m
MILLIGAN
04-920
From 73m
To: 77.84m


MILLIGAN
04-920
From 62.36
To: 68m
MILLIGAN
04-920
From 68m
To: 73m
MILLIGAN
04-920
From 73m
To: 77.84m


MILLIGAN
04-920
From 77.84
To: 83.13m
MILLIGAN
04-920
From 83.13m
To: 88.53m
MILLIGAN
04-920
From 88.53m
To: 93.69m


MILLIGAN
04-920
From 77.84
To: 83.13m
MILLIGAN
04-920
From 83.13m
To: 88.53m
MILLIGAN
04-920
From 88.53m
To: 93.69m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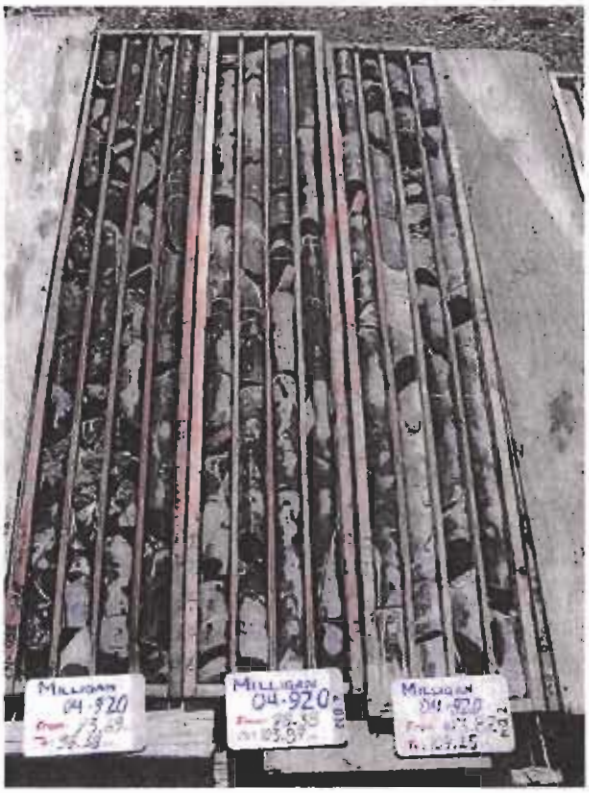
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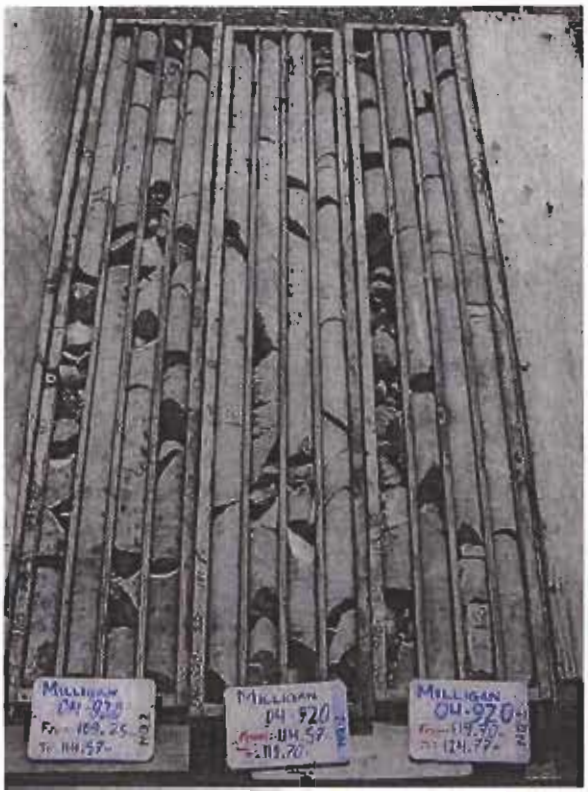
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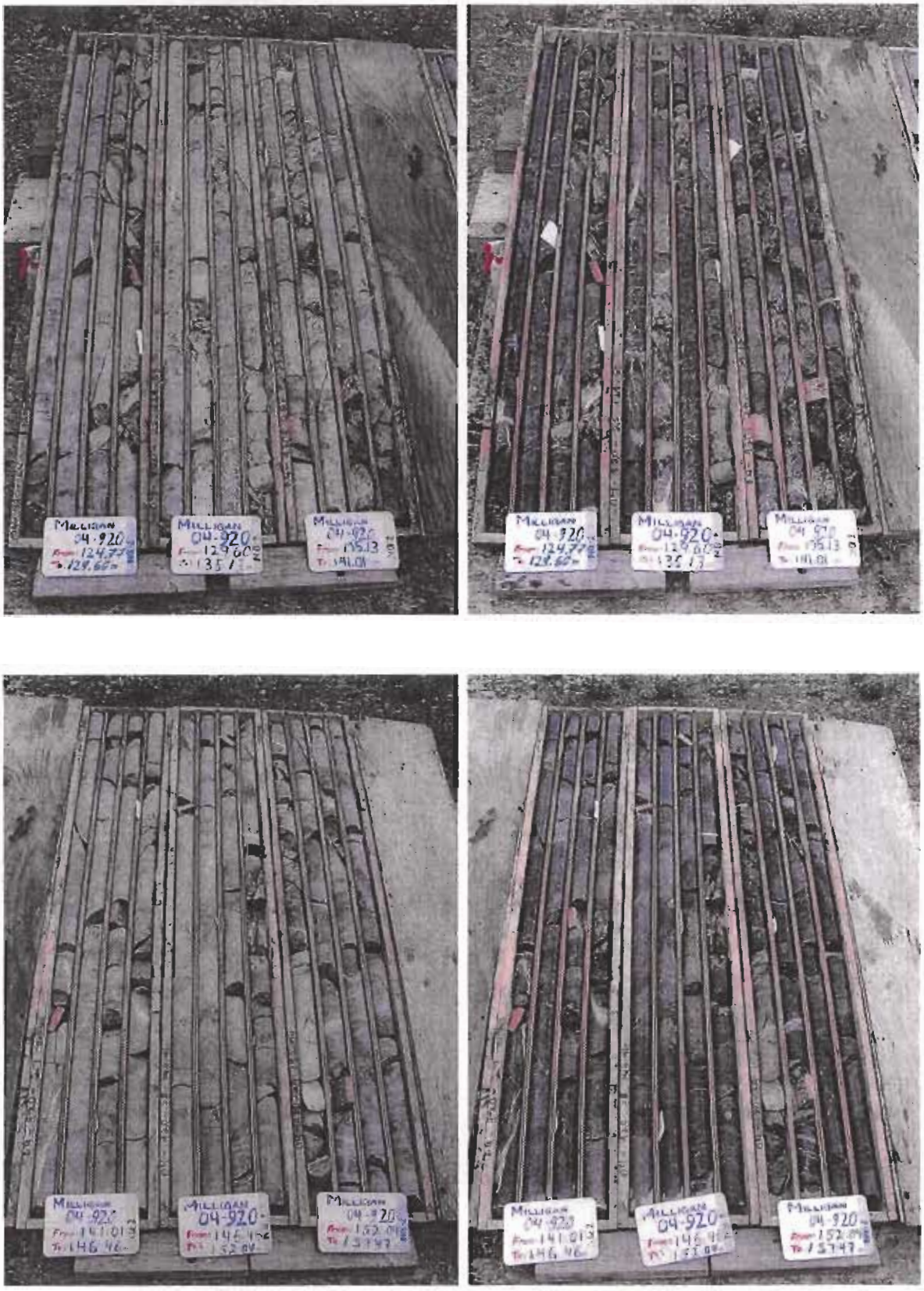
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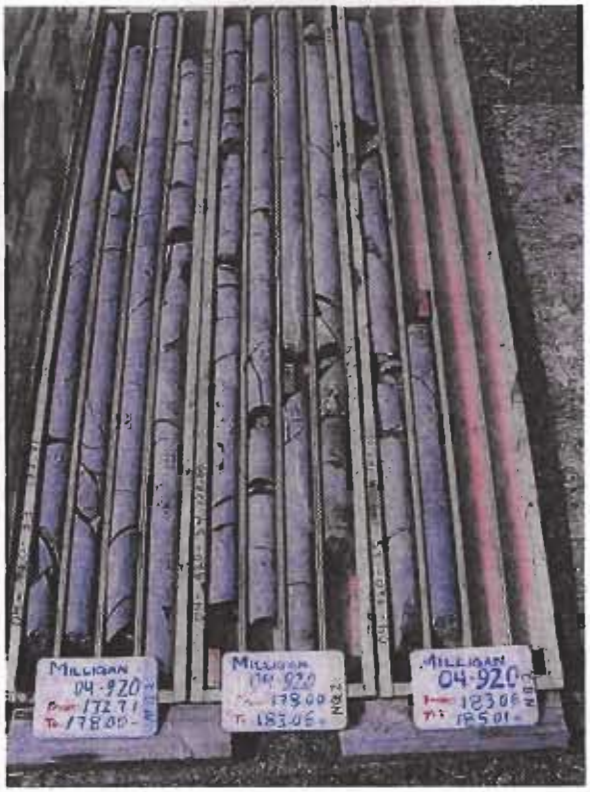
MILLIKAN
04-920


MILLIGAN
04-920
MILLIGAN
04-920
MILLIGAN
04-920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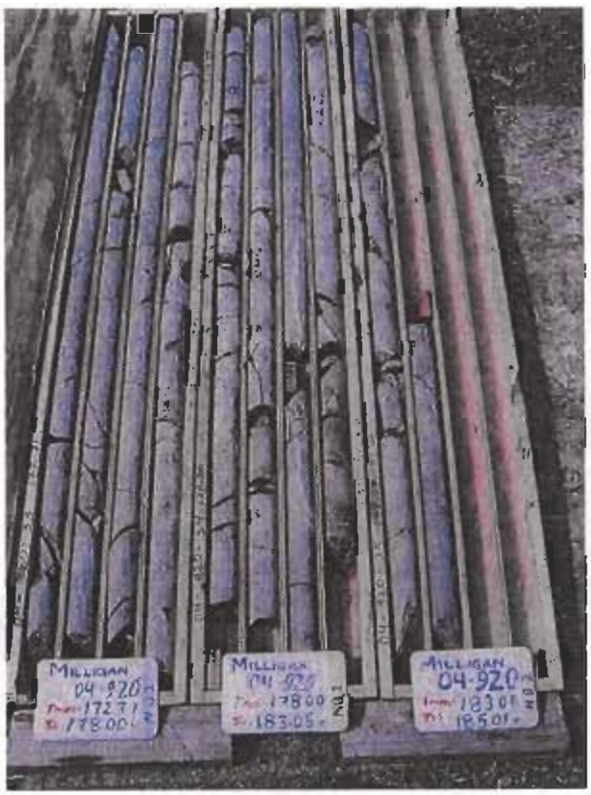
04-920
MILLIGAN
04-920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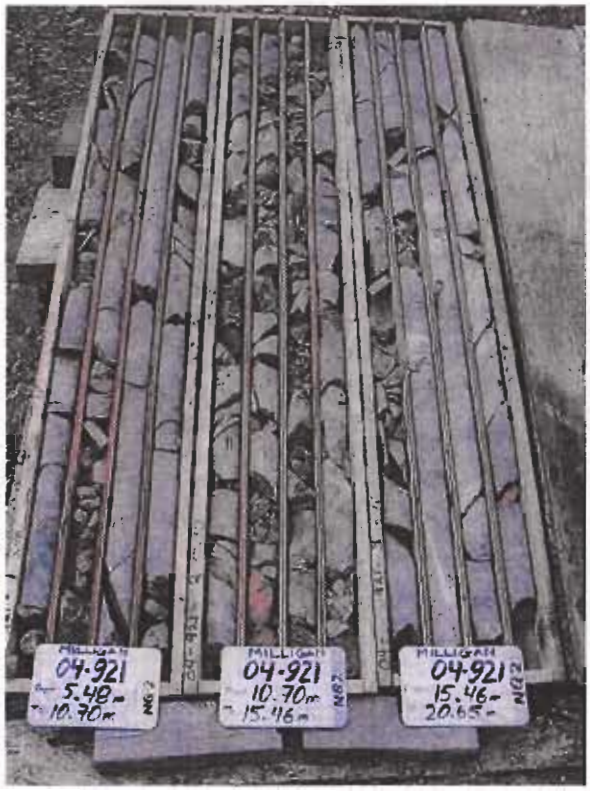
MILLIGAN
04-920


MILLIGAN
04-920
MILLIGAN
04-920
MILLIGAN
04-920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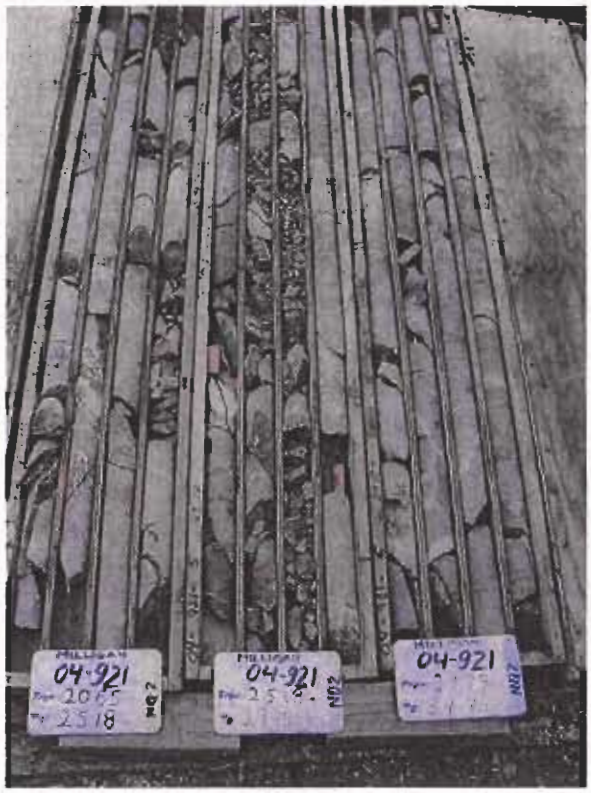
04-921
5.48m
10.70m
NQ2
MILLIGAN
04-921
10.70m
15.46m
NQ2
MILLIGAN
04-921
15.46m
20.65m
NQ2


MILLIGAN
04-921
5.48m
10.70m
NQ2
MILLIGAN
04-921
10.70m
15.46m
NQ2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MILLIGAN
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NQ2
MILLIGAN
04-921
NQ2


MILLIGAN
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2065
2518
NQ2
MILLIGAN
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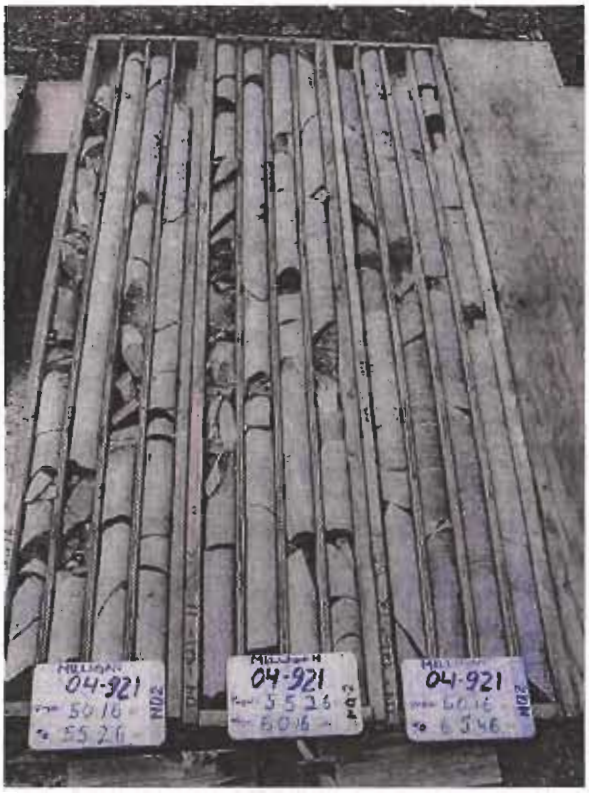
MILLIGAN
04-921
NQ2


MILLIGAN
04-921
NO2


MILLIGAN
04-921
NO2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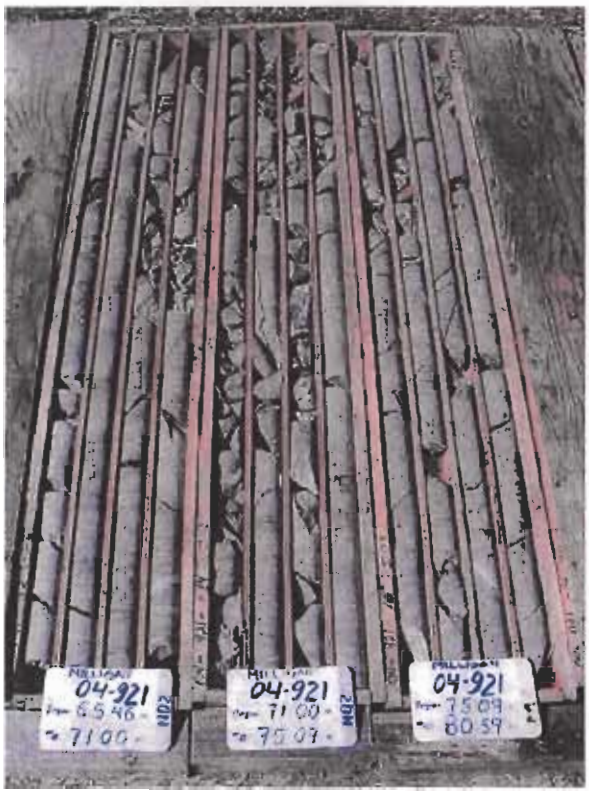
MILLIGAN
04-921
NO2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8059


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9618


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9618


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10163
NO2
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10660
NO2
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10660
11207


04-921
NO2
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11207
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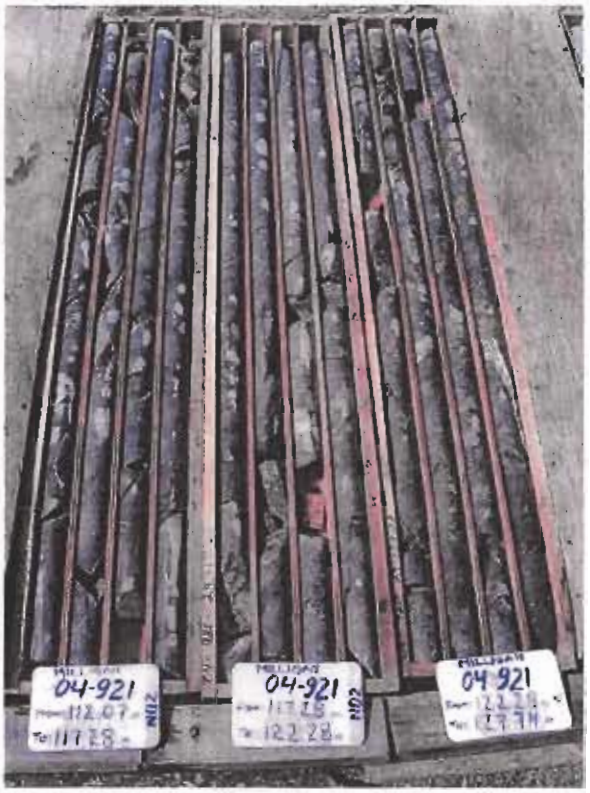
04 921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NO2
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11728
12238
NO2
04 921


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MILLIGAN
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13361
13868
MILLIGAN
04 921
13868
14402
NO2


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13868
14402
NO2


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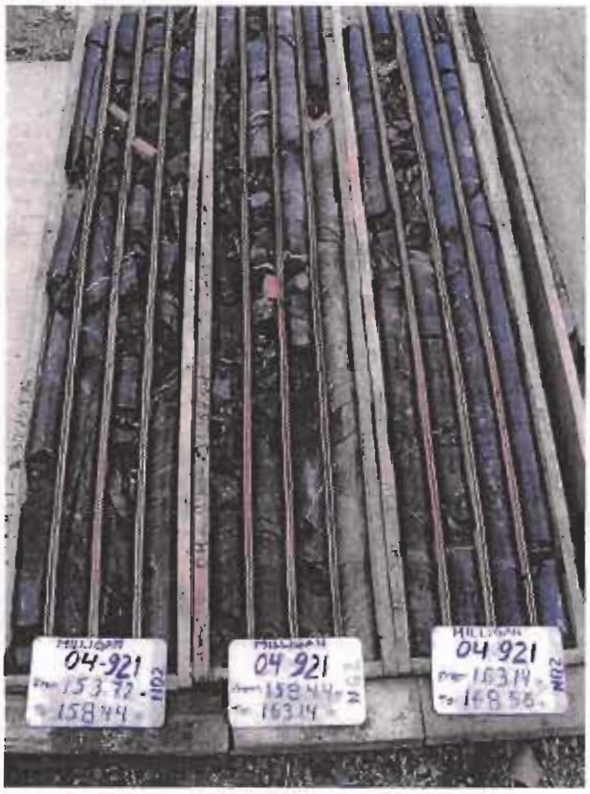
16314
16856
NO2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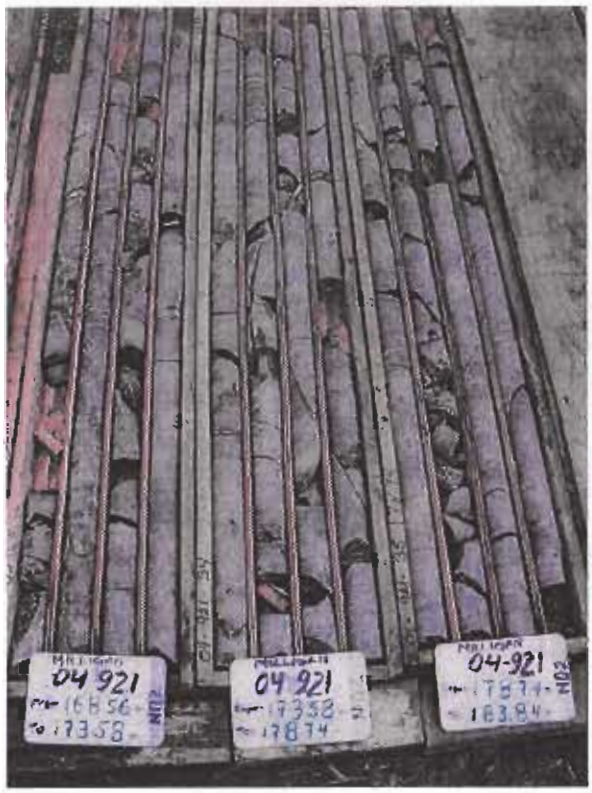
MILLIGAN
04 921
16314
16856
NO2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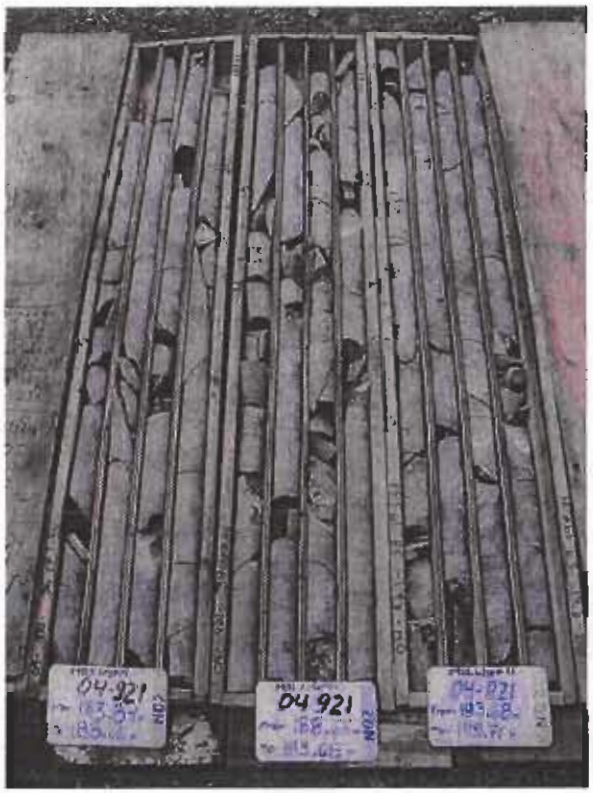
04 921
04-921


04 921
04 921
04-921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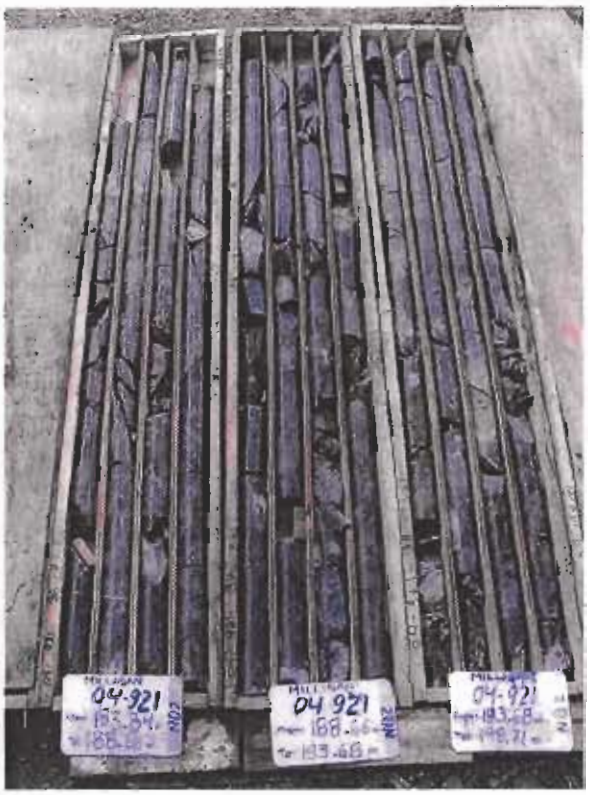
04 921
04-921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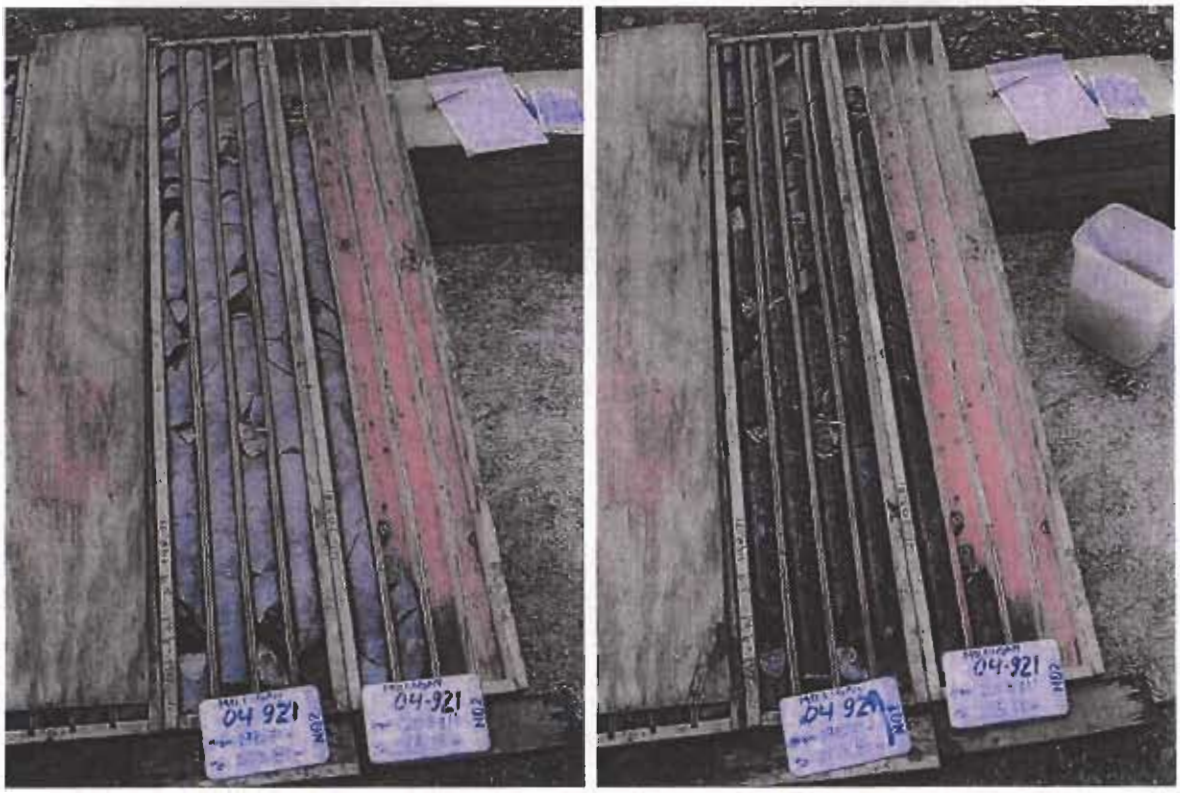
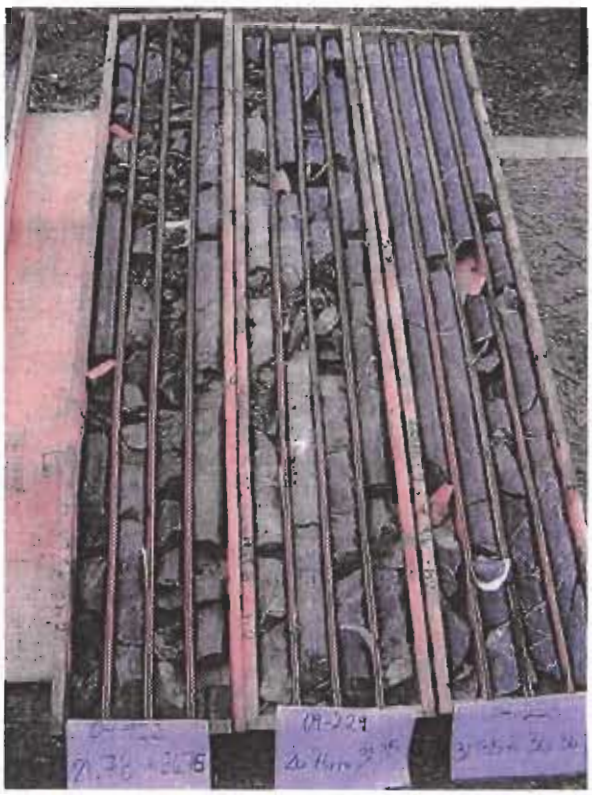
04-921


04-921
04-921
04-921


04-922
5.92 - 12.24
04-922
12.41 to 16.59
04-922
16.84 to 21.98


04-922
5.92 - 12.24
04-922
12.41 to 16.59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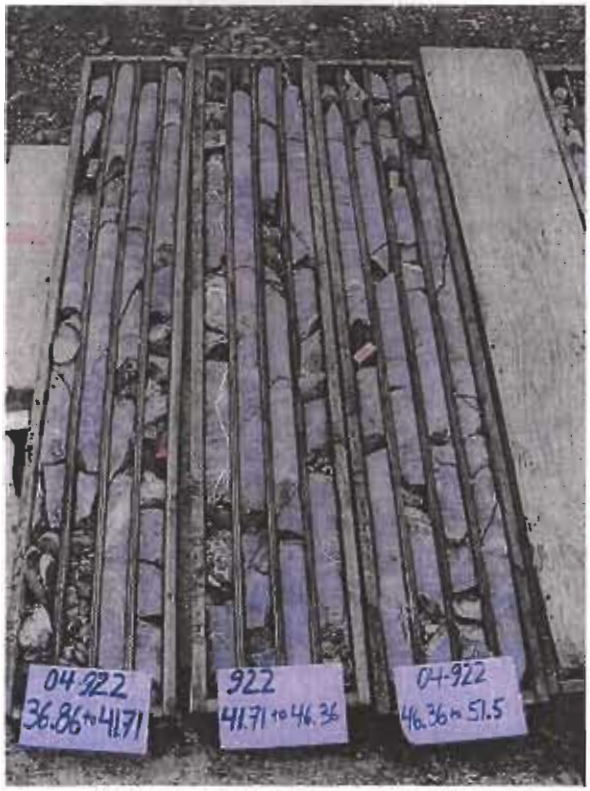
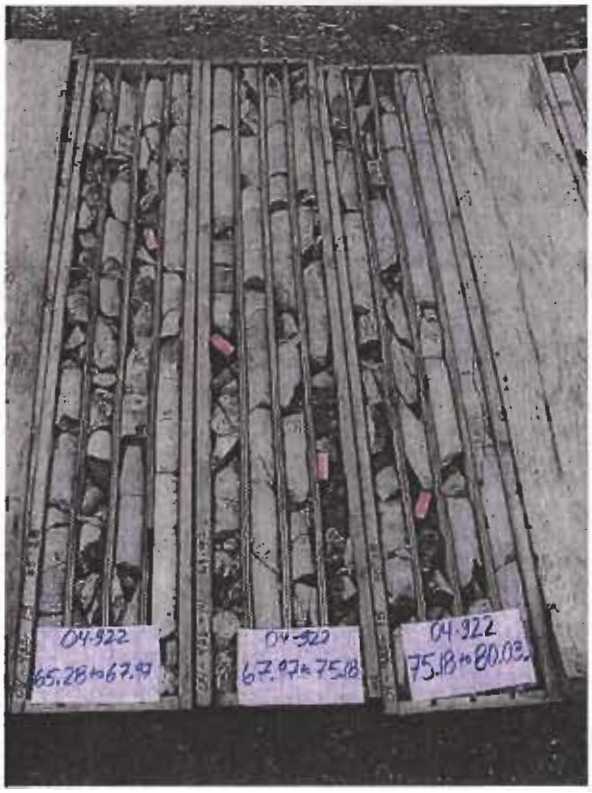
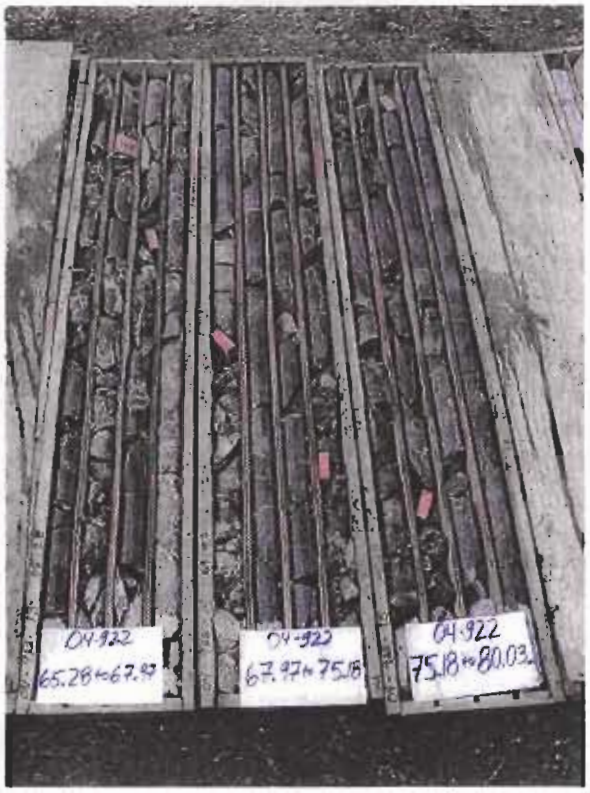

04-922
36.86 to 41.71
922
41.71 to 46.36
04-922
46.36 to 51.5


04-922
36.86 to 41.71
922
41.71 to 46.36
04-922
46.36 to 51.5


04-922
51.54 to 56.45
04-922
56.45 to 61.4
04-922
61.4 to 65.28


04-922
51.54 to 56.45
04-922
56.45 to 61.4
04-922
61.4 to 65.28


04-922
65.28 to 67.97
04-922
67.97 to 75.18
04-922
75.18 to 80.03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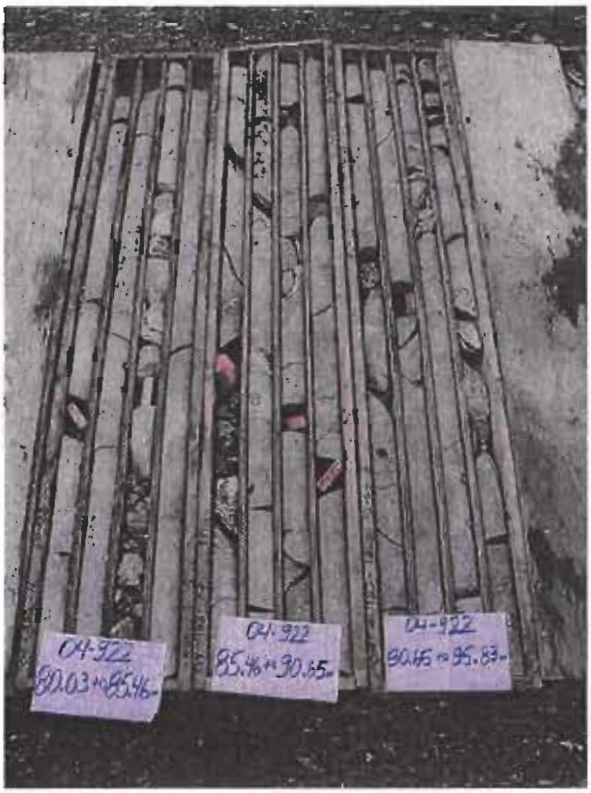
65.28 to 67.97
04-922
67.97 to 75.18
04-922
75.18 to 80.03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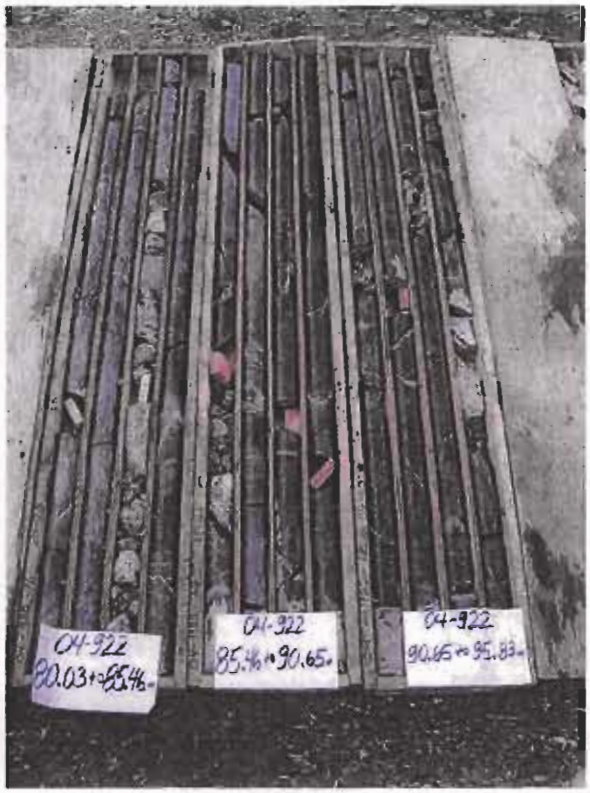
80.03 to 85.46
04-922
85.46 to 90.65
04-922
90.65 to 95.83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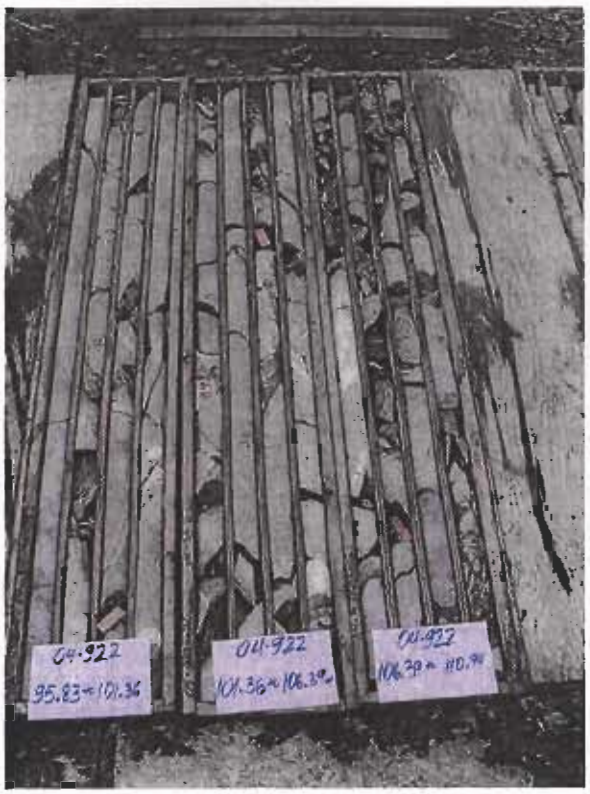
80.03 to 85.46
04-922
85.46 to 90.65
04-922
90.65 to 95.83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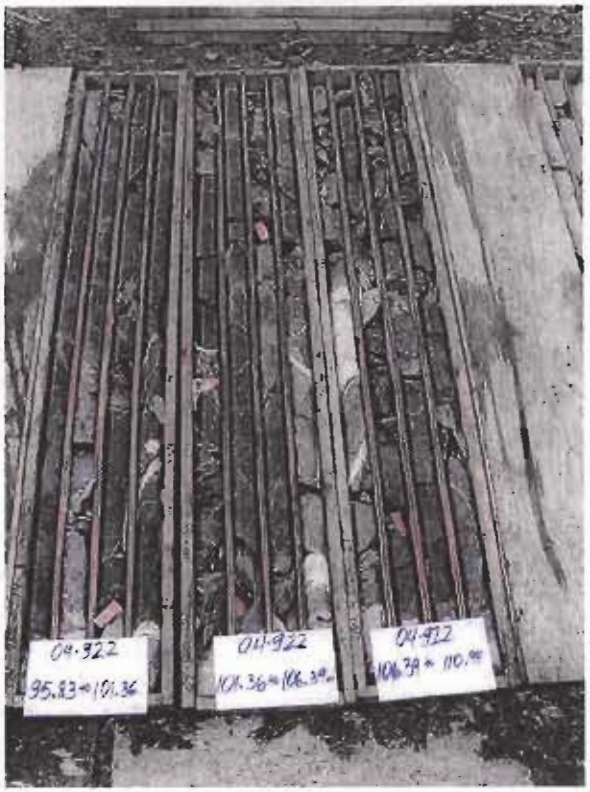
95.83 ~ 101.36
04-922
101.36 ~ 106.39
04-922
106.39 ~ 110.94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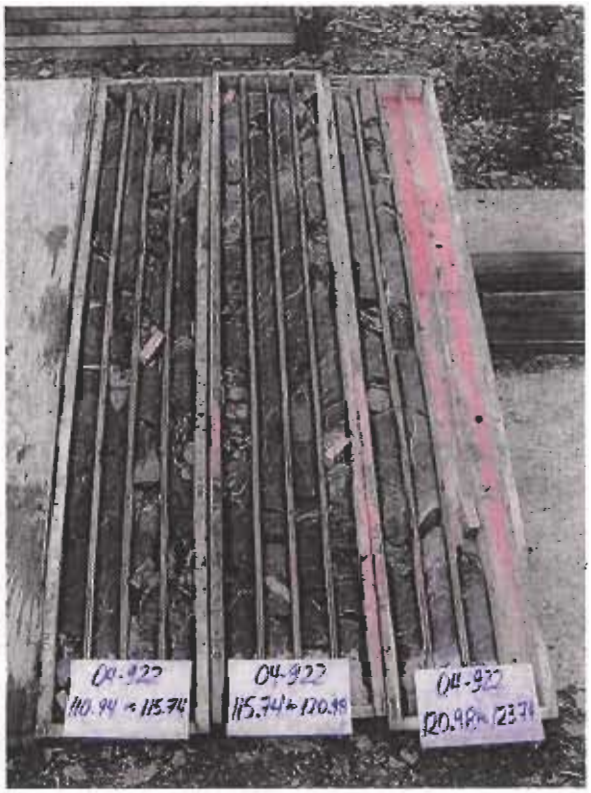
95.83 ~ 101.36
04-922
101.36 ~ 106.39
04-922
106.39 ~ 110.94


04-922
110.94 ~ 115.74
04-922
115.74 ~ 120.99
04-922
120.99 ~ 123.76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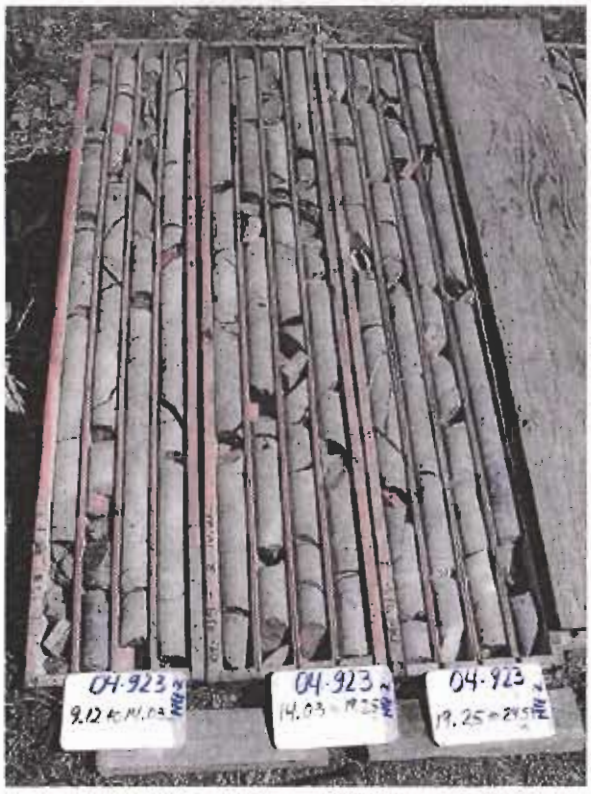
110.94 ~ 115.74
04-922
115.74 ~ 120.99
04-922
120.99 ~ 123.76


04-923
9.12 m
04-923
14.03 m
04-923
19.25 m

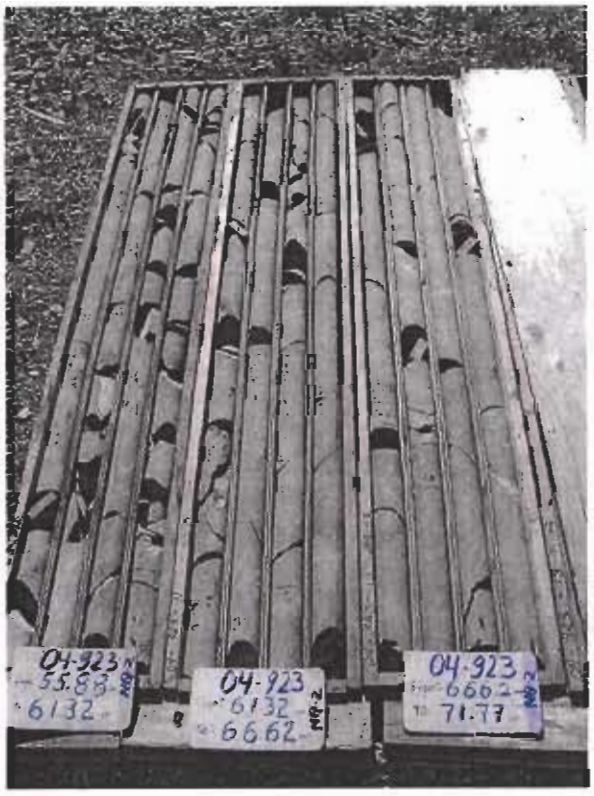

04-923
9.12 m
04-923
04-923


04-923
24.53 m
29.16 m
04-923
29.16 m
34.75 m
04-923
34.75 m
40.08 m


04-923
24.53 m
29.16 m
04-923
29.16 m
34.75 m
04-923
34.75 m
40.08 m


04-923
40.08 to
45.40 m
04-923
45.08 to
50.70 m
04-923
50.70 to
55.88 m


04-923
40.08 to
45.40 m
04-923
45.08 to
50.70 m
04-923
50.70 to
55.88 m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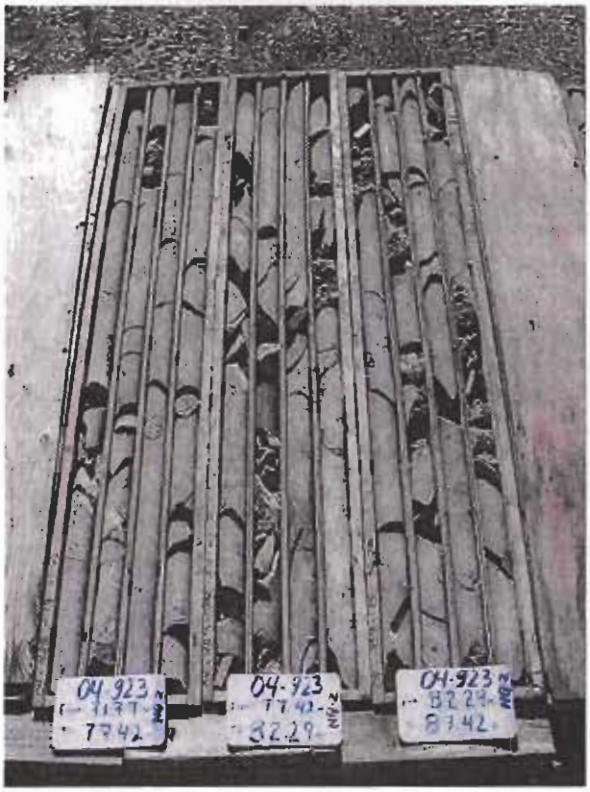
6132
04-923
6132 -
66.62
04-923
6662 -
71.77


04-923
55.88 -
6132
04-923
6132 -
66.62
04-923
6662 -
71.77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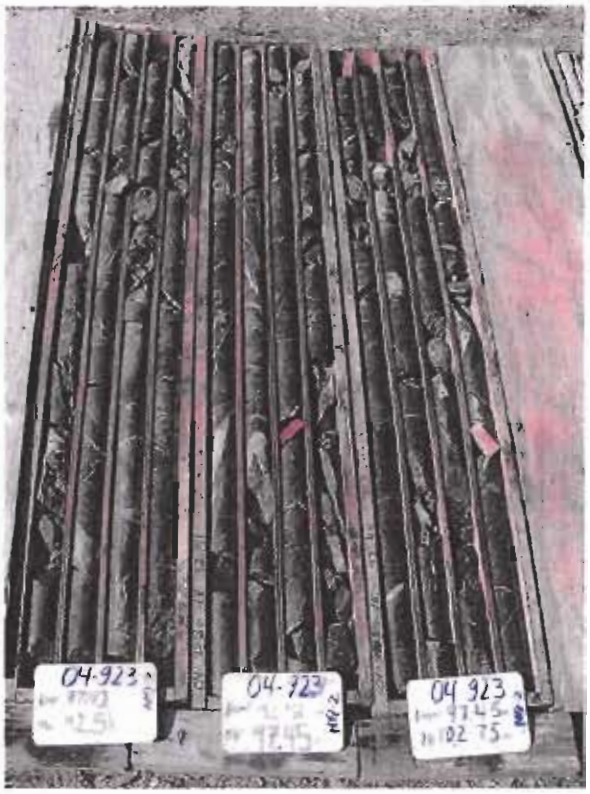
9745
02 75


04-923
04-923
9745
04 923
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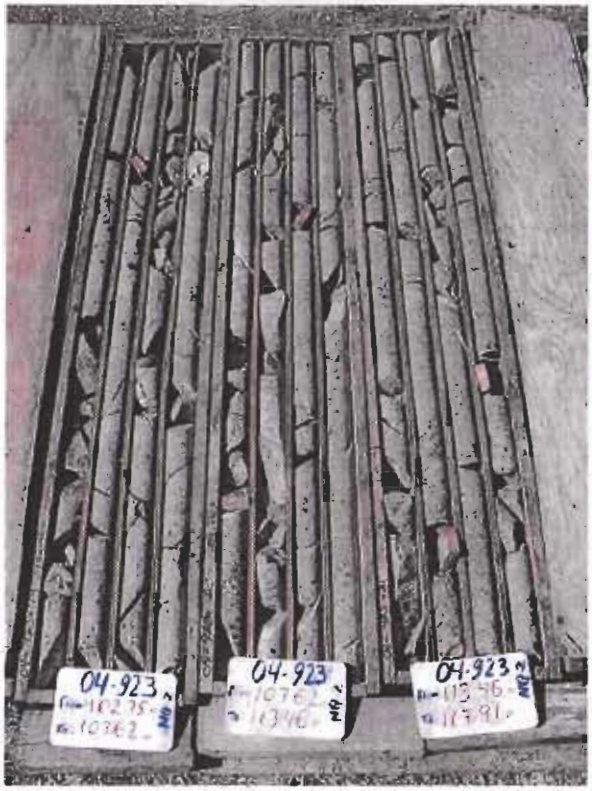
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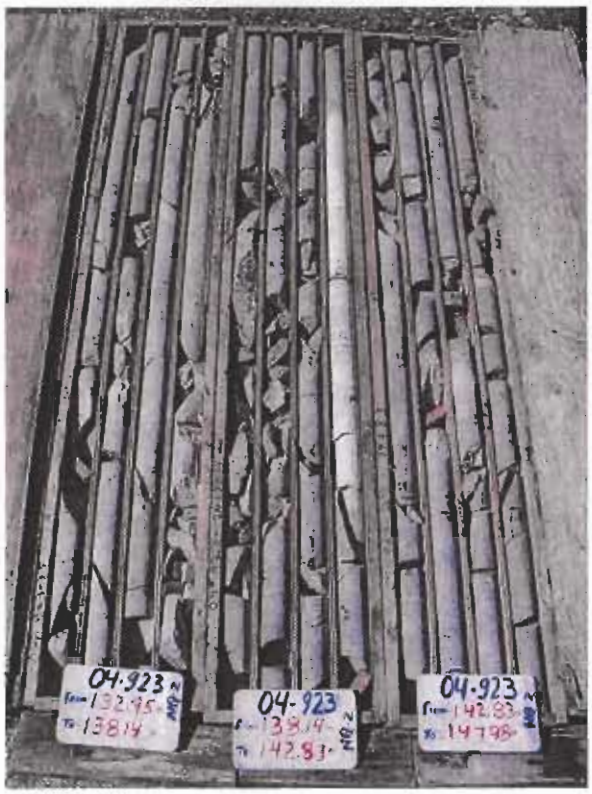
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To 138.14
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From 138.14
To 142.83
04-923
From 142.83
To 147.98


04-923
From 132.95
To 138.14
04-923
From 138.14
To 142.83
04-923
From 142.83
To 147.98


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From 147.98
To 152.80
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From 152.80
To 158.46
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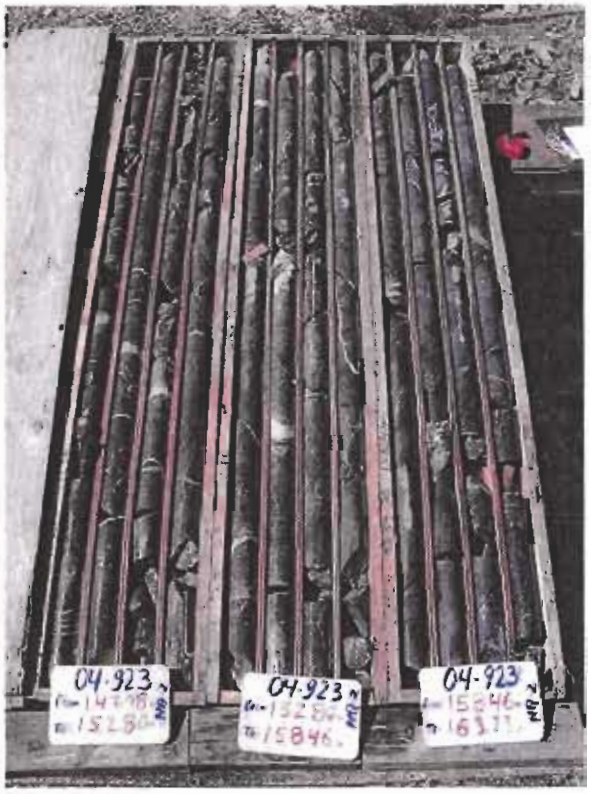
From 158.46
To 163.71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From 147.98
To 152.80
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From 152.80
To 158.46
04-923
From 158.46
To 163.71


04-923
from 163.73
to 169.40
04-923
from 169.40
to 174.76
04-923
from 174.76
to 180.54


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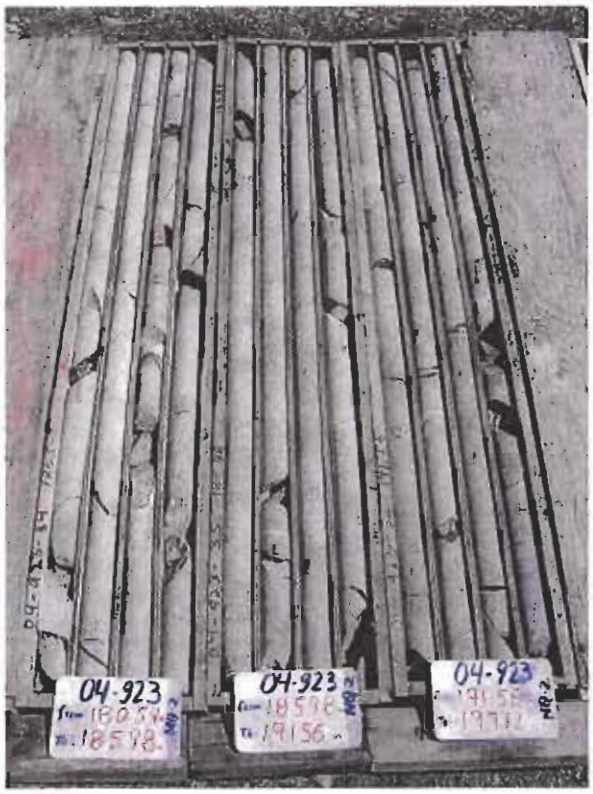
from 163.73
to 169.40
04-923
from 169.40
to 174.76
04-923
from 174.76
to 180.54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to 191.56
04-923
from 191.56
to 197.12


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from 180.54
to 185.98
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from 185.98
to 191.56
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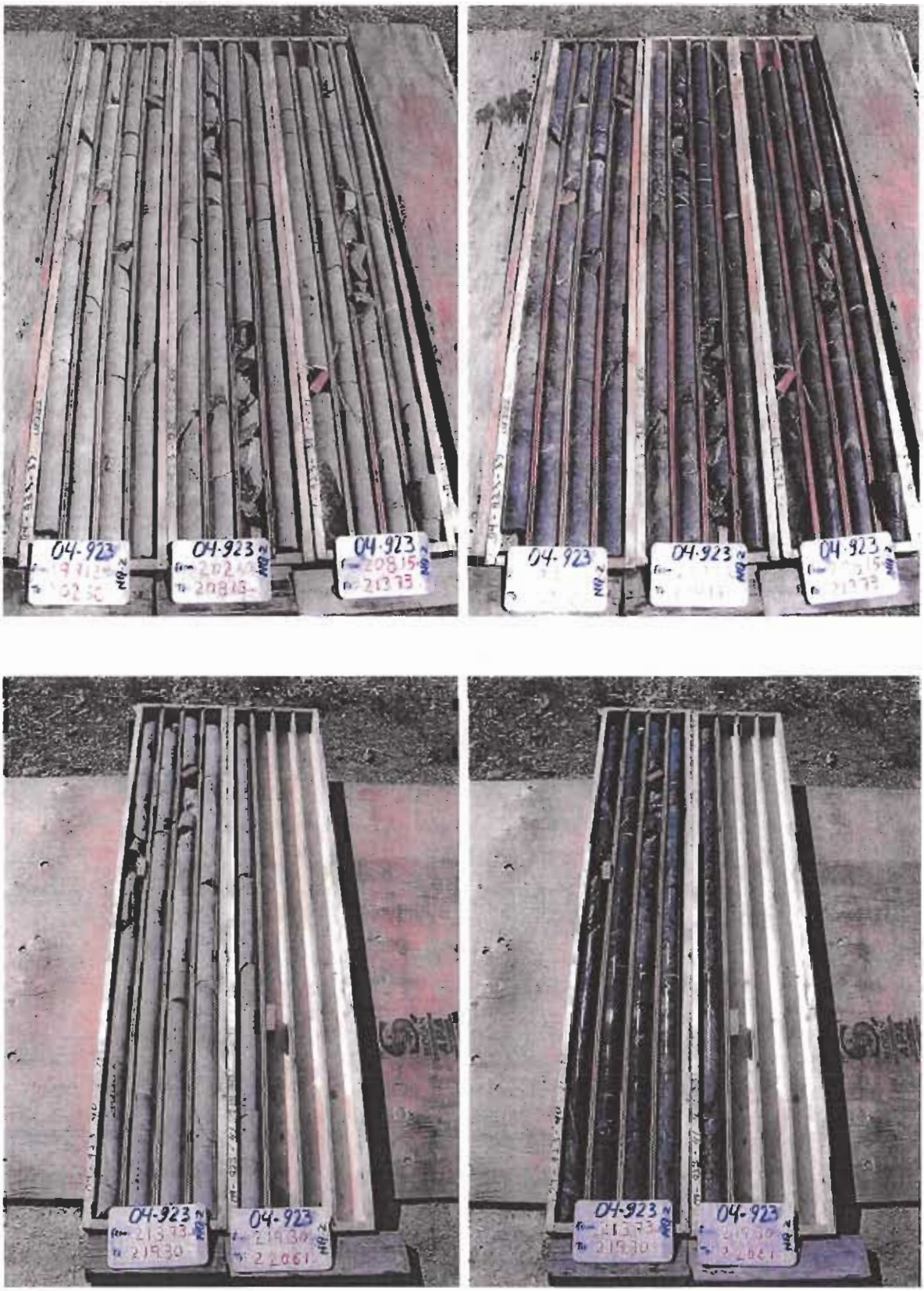
from 191.56
to 197.12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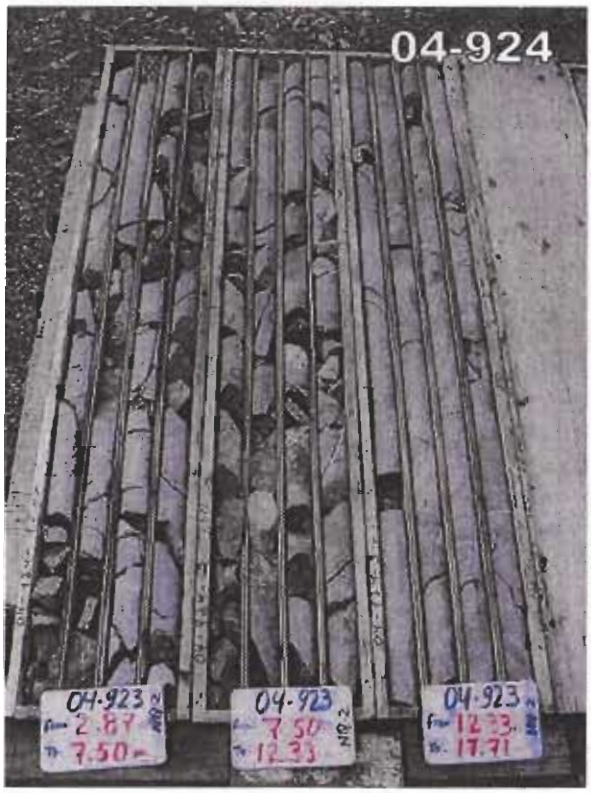
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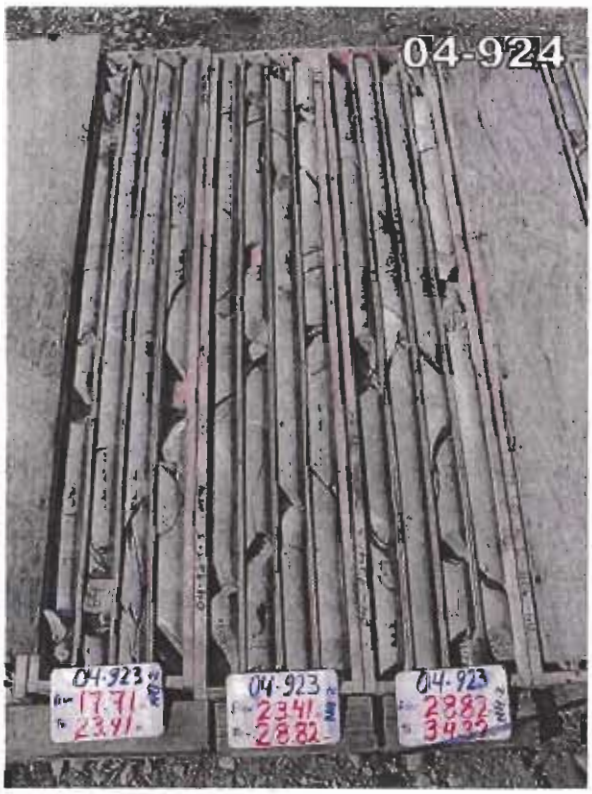
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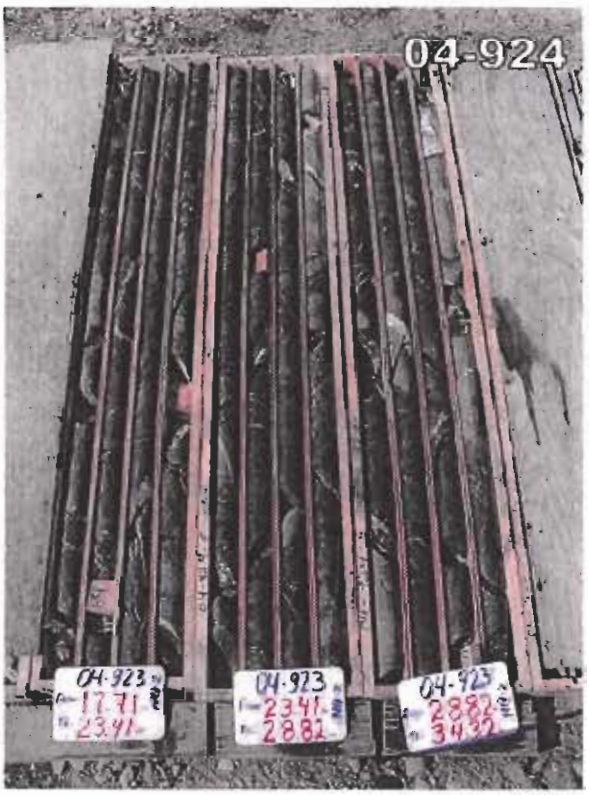
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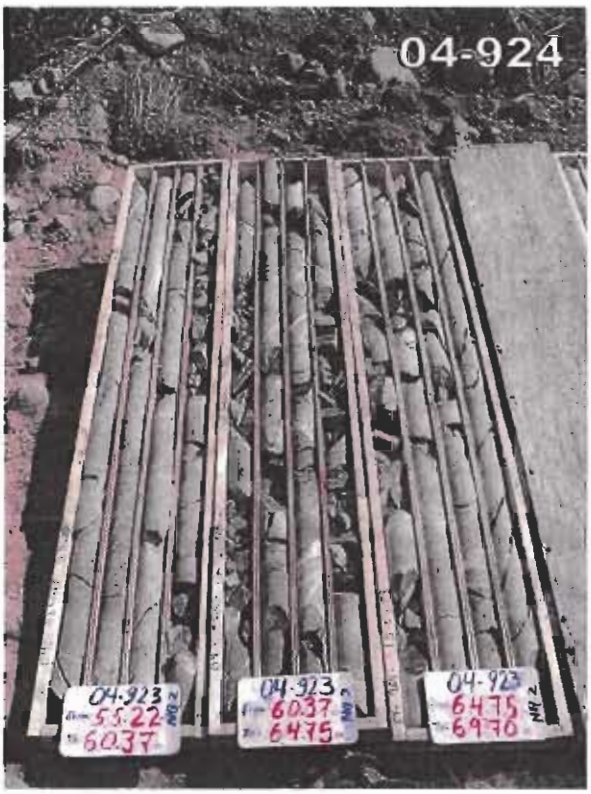
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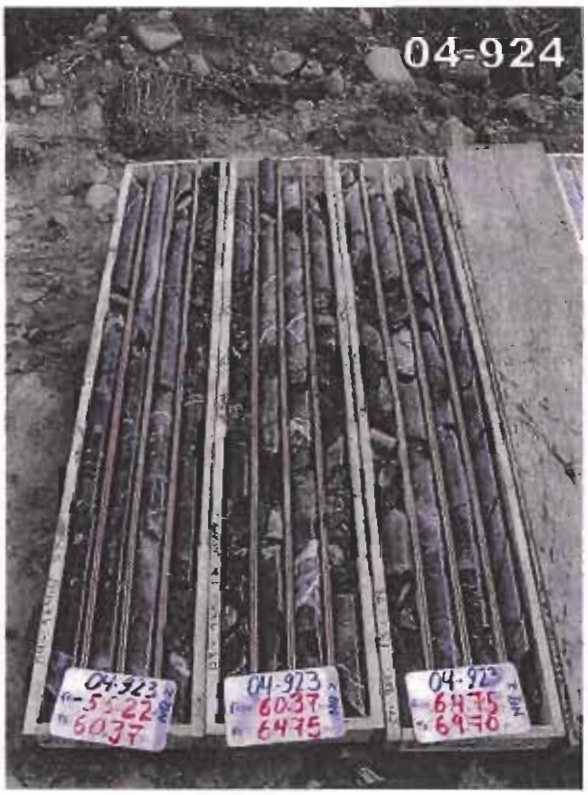
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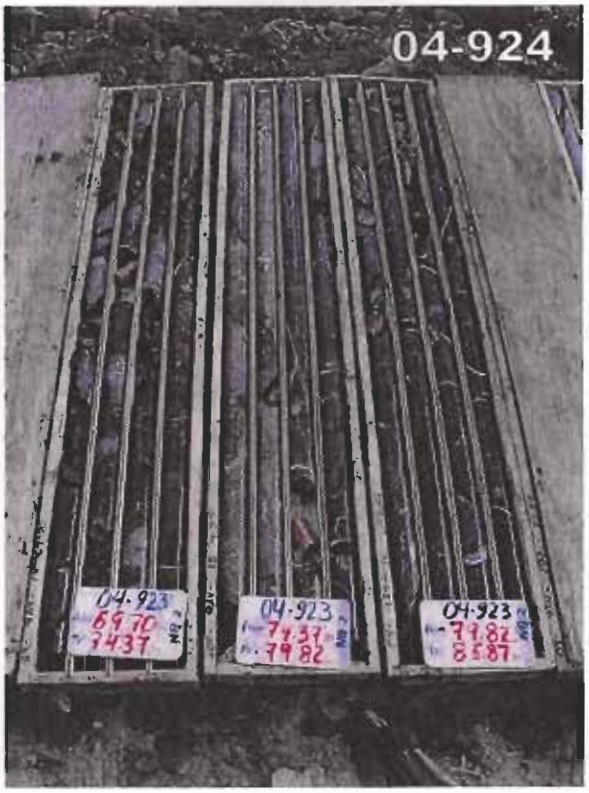
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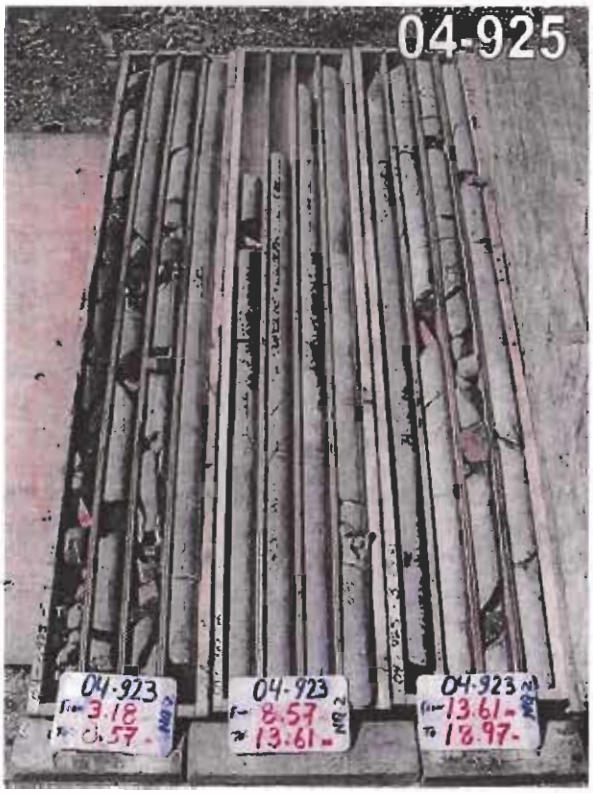
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From 3.18
To 8.57
NQ2
04-923
From 8.57
To 13.61
NQ2
04-923
From 13.61
To 18.97
NQ2


04-925
04-923
From 3.18
To 8.57
NQ2
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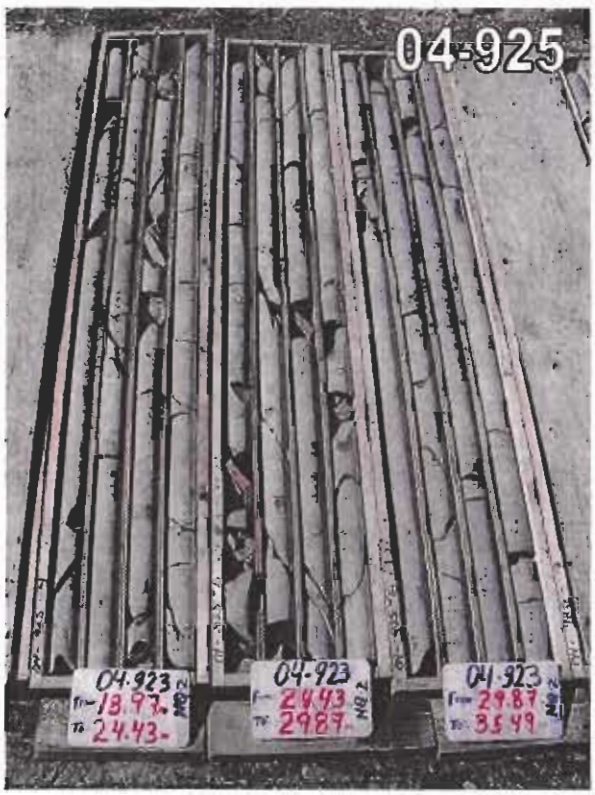
From 8.57
To 13.61
NQ2
04-923
From 13.61
To 18.97
NQ2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From 24.43
To 29.87
NQ2
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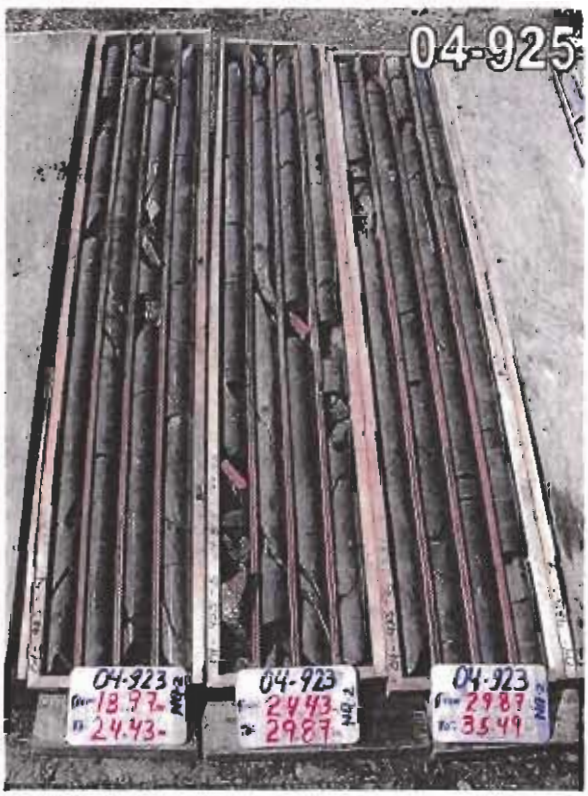
From 29.87
To 35.49
NQ2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To 24.43
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From 24.43
To 29.87
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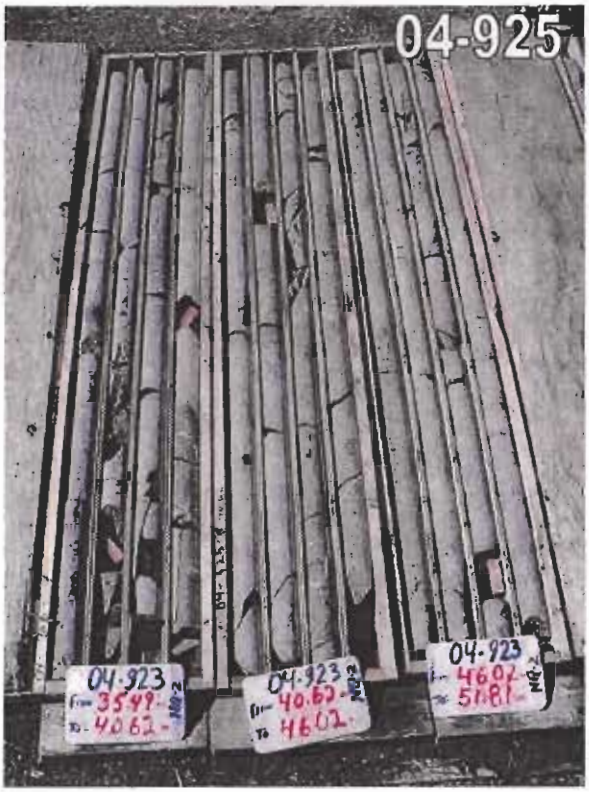
From 29.87
To 35.49
NQ2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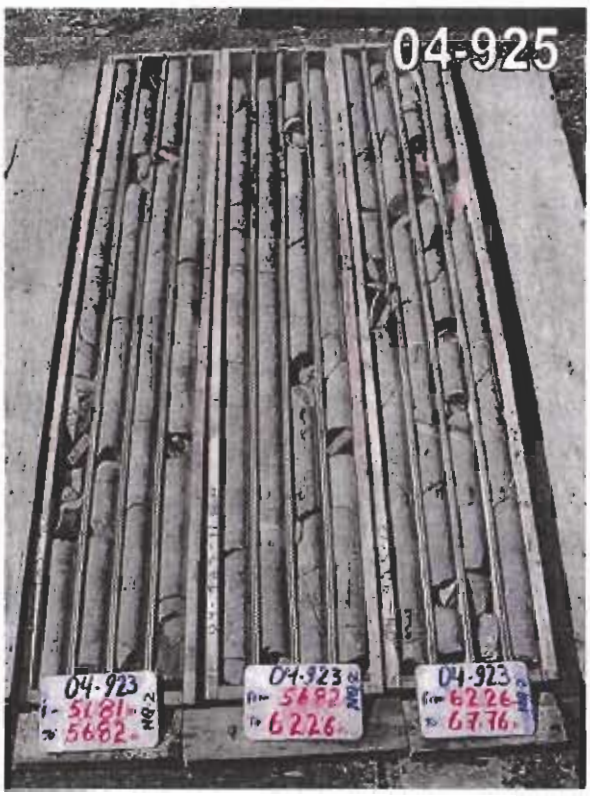
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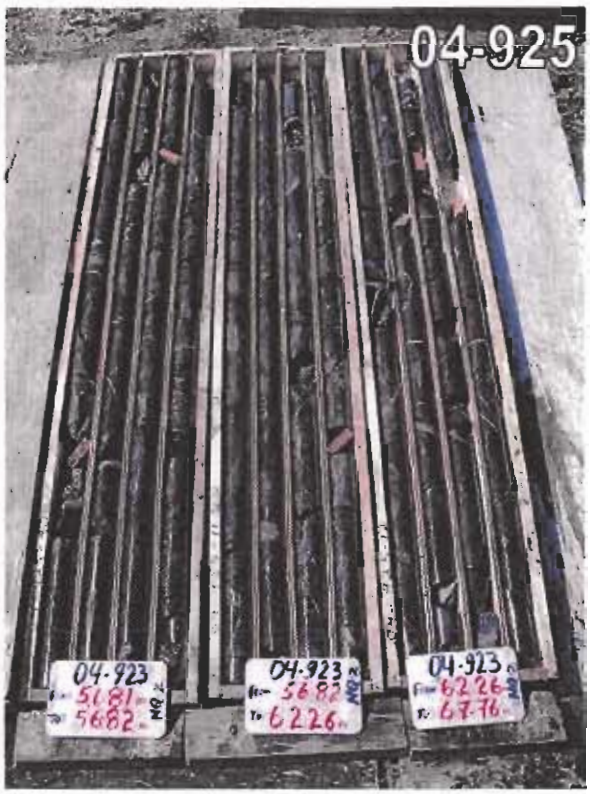
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04-923
From 67.76
To 72.99
04-923
From 72.99
To 78.23
04-923
From 78.23
To 83.94


04-925
04-923
From 67.76
To 72.99
04-923
From 72.99
To 78.23
04-923
From 78.23
To 83.94


04-925
04-923
From 83.94
To 89.15
04-923
From 89.15
To 94.59
04-923
From 94.59
To 100.18


04-925
04-923
From 83.94
To 89.15
04-923
From 89.15
To 94.59
04-923
From 94.59
To 100.18


04-925
04-923
From 100.18
To 103.93


04-925
04-923
From 100.18
To 103.93


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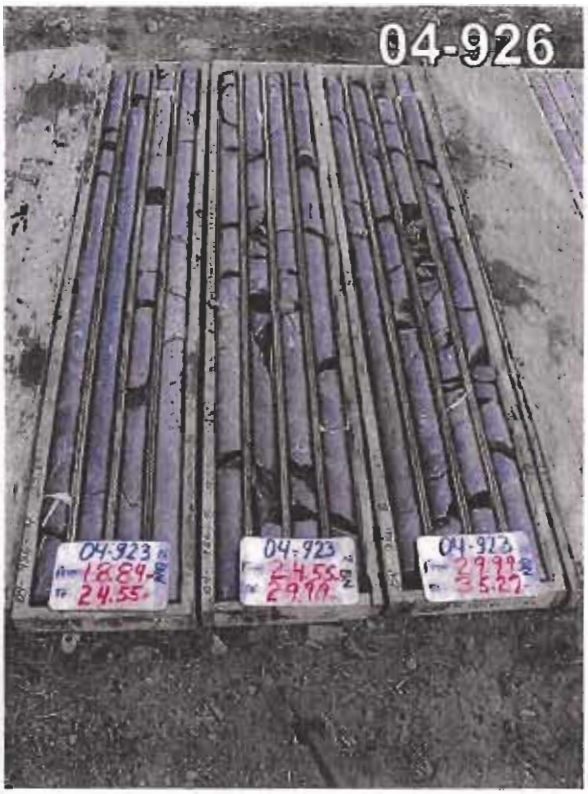
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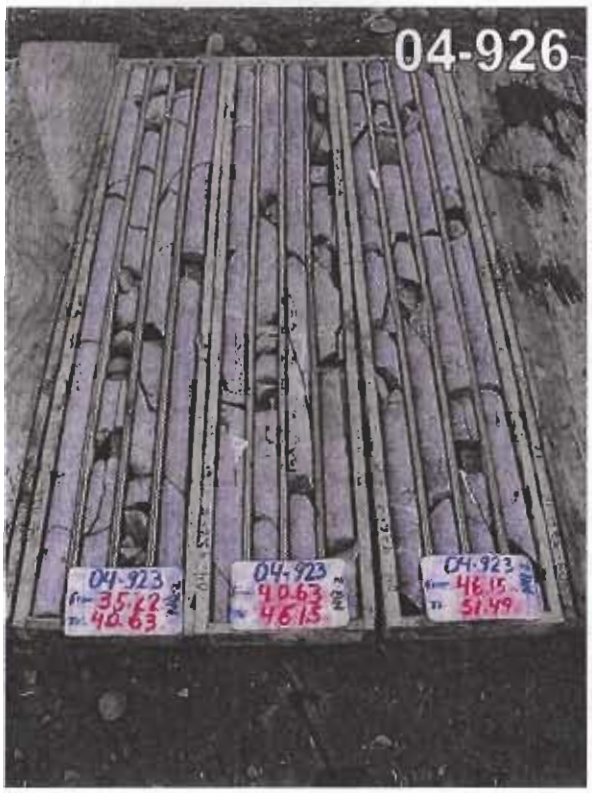
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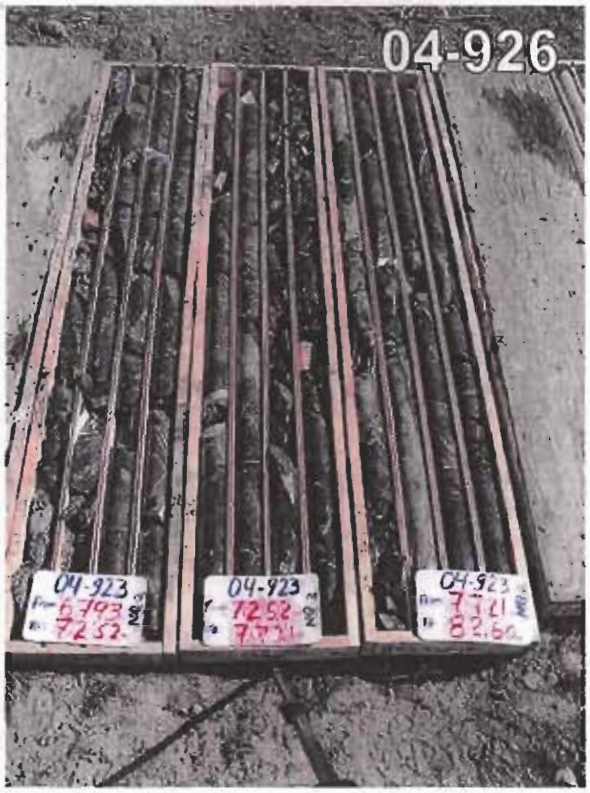
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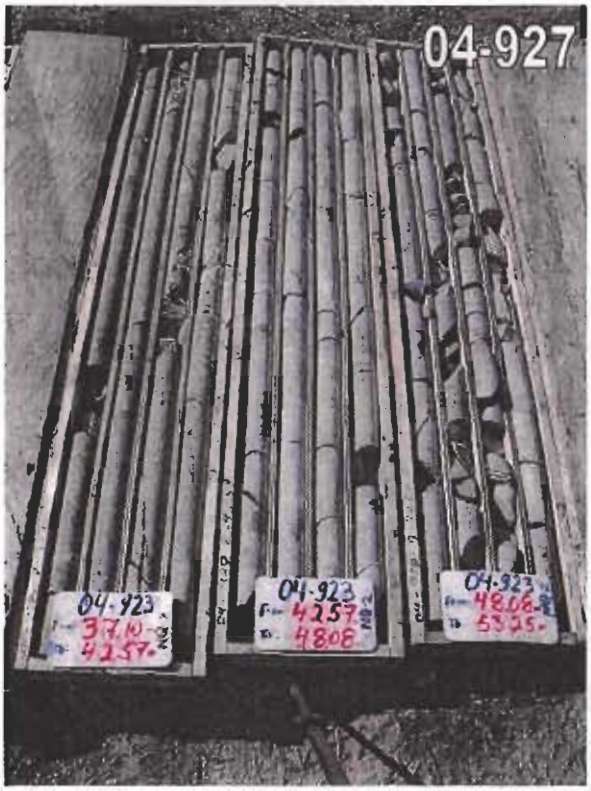
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53.25-


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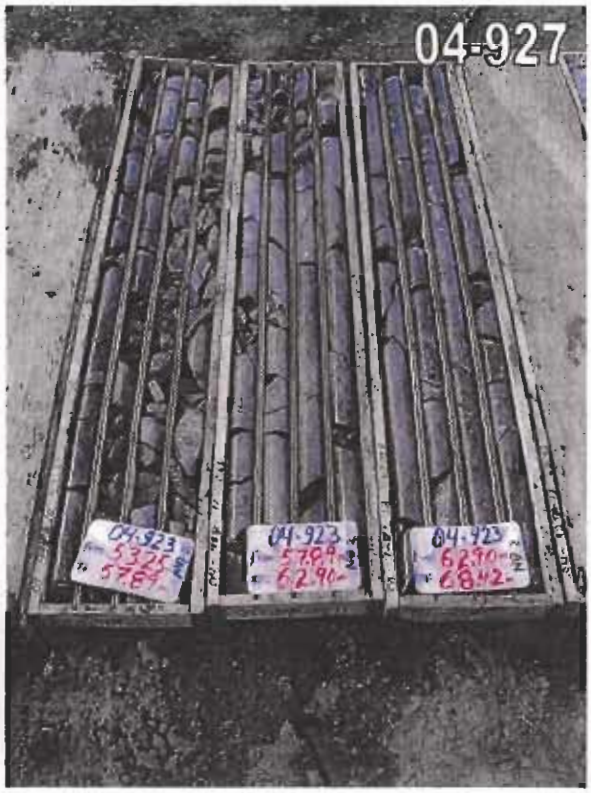
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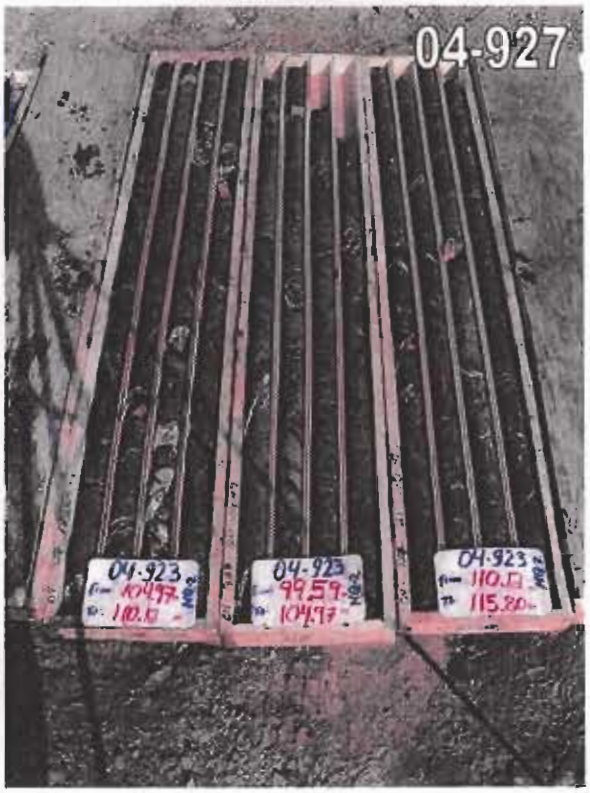
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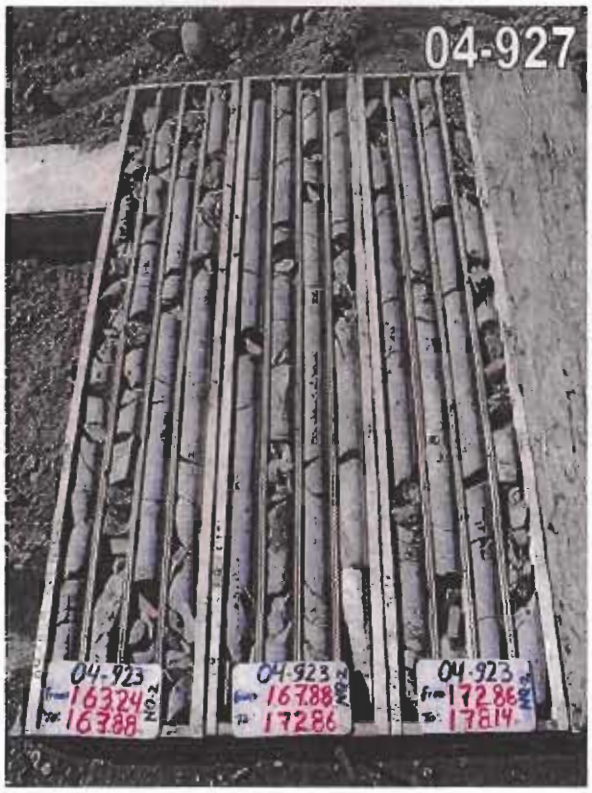
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from 163.24
to 167.88
NQ2
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from 167.88
to 172.86
NQ2
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from 172.86
to 178.14
NQ2


04-927
04-923
from 163.24
to 167.88
NQ2
04-923
from 167.88
to 172.86
NQ2
04-923
from 172.86
to 178.14
NQ2


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from 193.62
to 198.78
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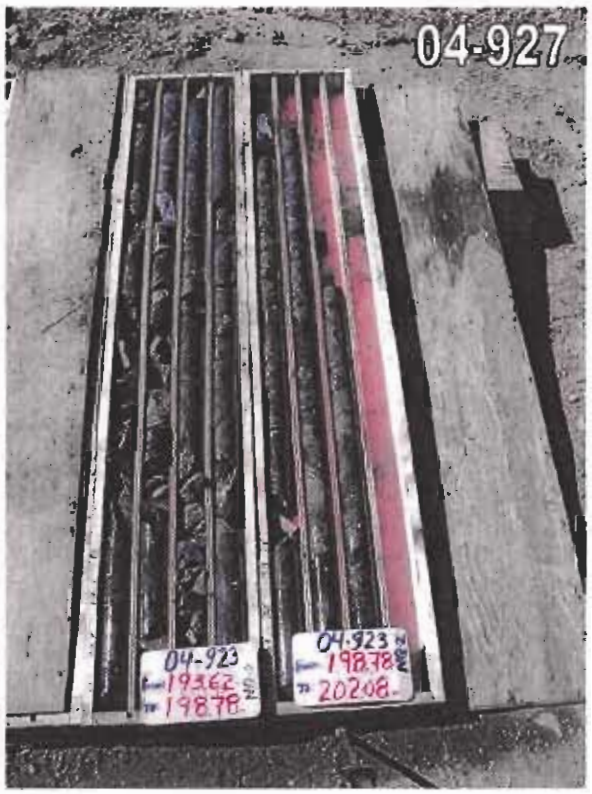
04-923
from 198.78
to 202.08
NQ2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to 198.78
NQ2
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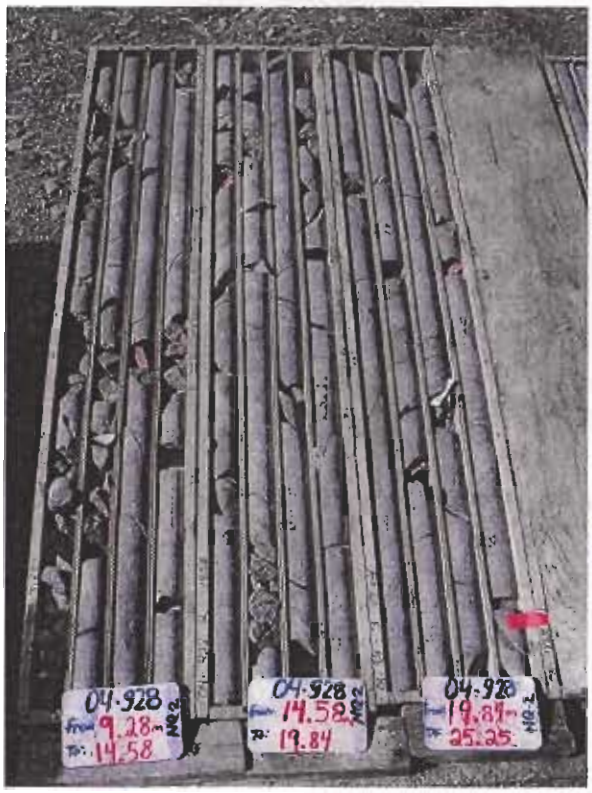
from 198.78
to 202.08
NQ2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To: 14.58
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From 14.58
To: 19.84
NO.2
04-928
From 19.84-
To: 25.25
NO.2


04-928
From 9.28-
To: 14.58
NO.2
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From 14.58
To 19.84
NO.2
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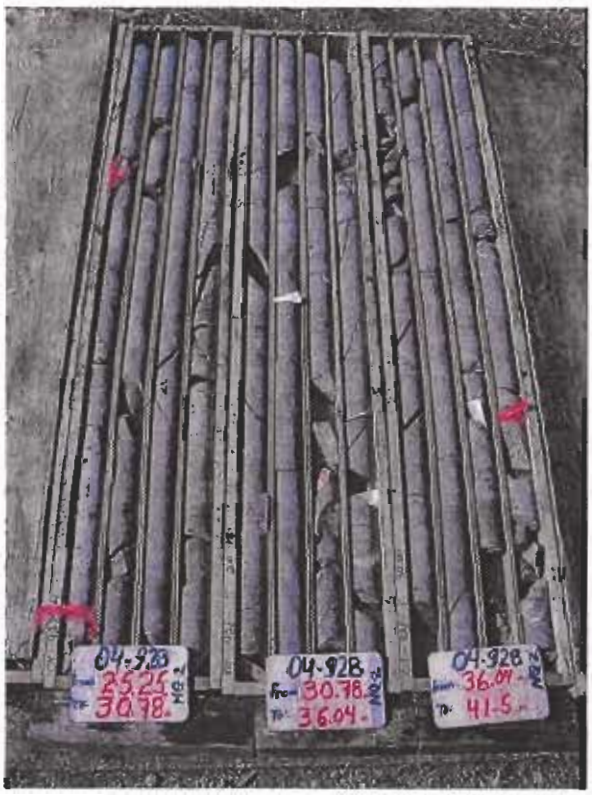
From 19.84-
To: 25.25
NO.2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From 25.25
To: 30.78.
NO.2
04-928
From 30.78.
To: 36.04.
NO.2
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From 36.04.
To: 41.5.
NO.2


04-928
From 25.25
To: 30.78.
NO.2
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From 30.78.
To: 36.04.
NO.2
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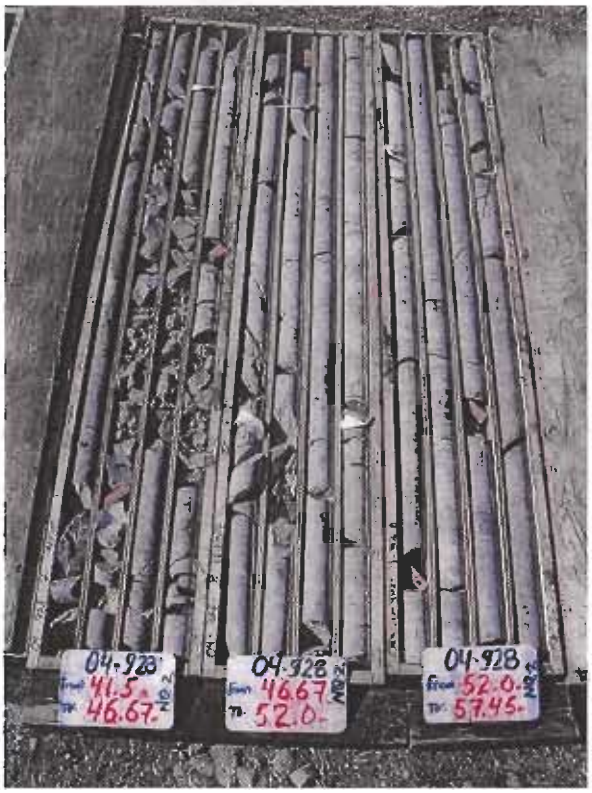
From 36.04.
To: 41.5.
NO.2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To 46.67
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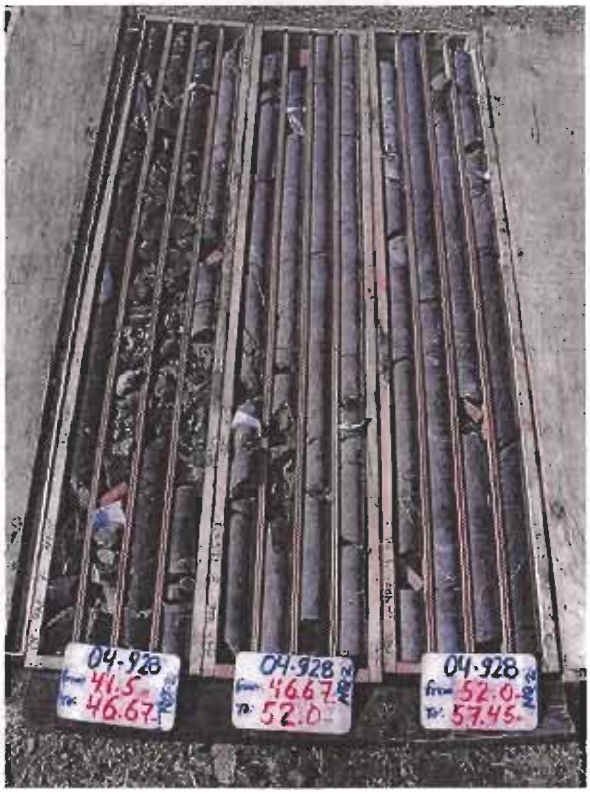
From 46.67
To 52.0
04-928
From 52.0
To 57.45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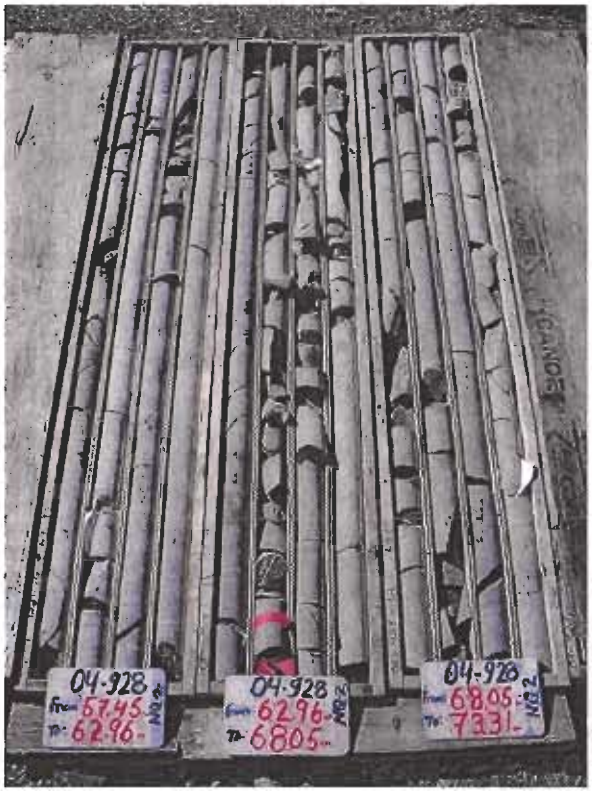
From 46.67
To 52.0
04-928
From 52.0
To 57.45


04-928
From 57.45
To 62.96
04-928
From 62.96
To 68.05
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From 68.05
To 73.31


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From 57.45
To 62.96
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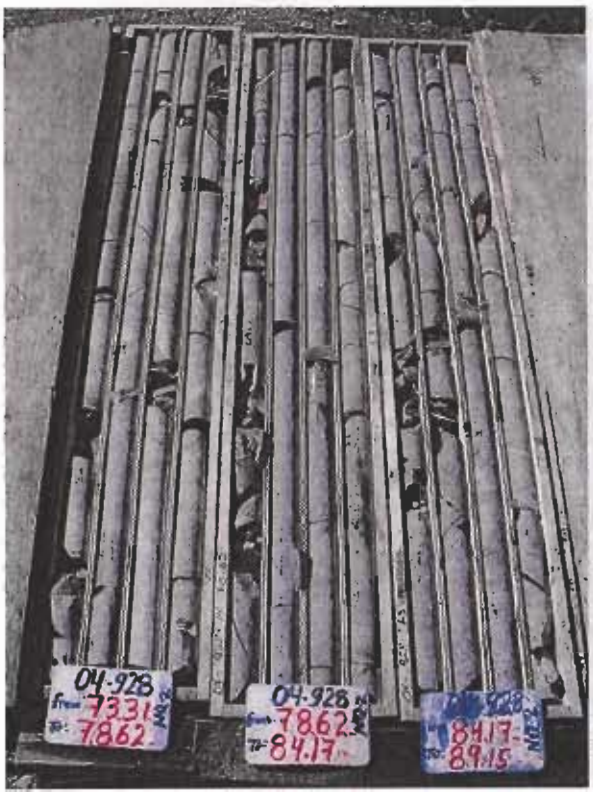
From 62.96
To 68.05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To: 78.62
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From 78.62
To: 84.17
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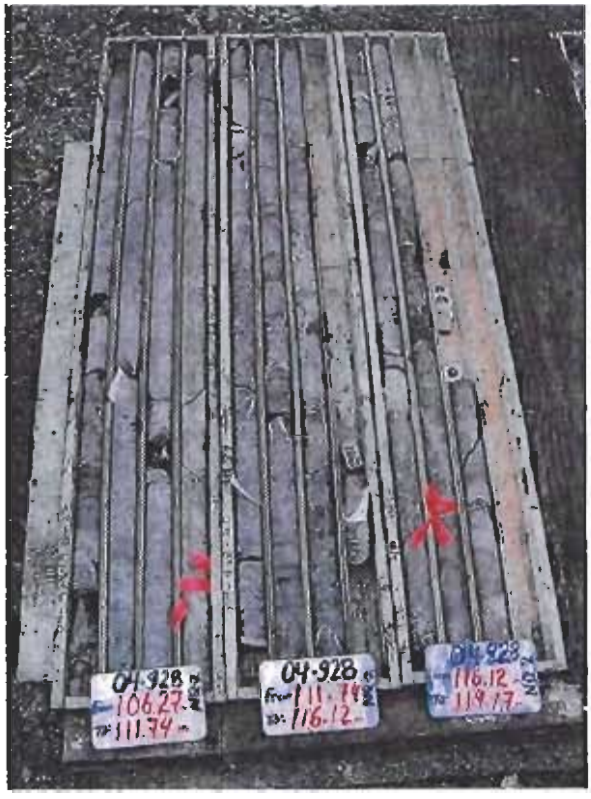
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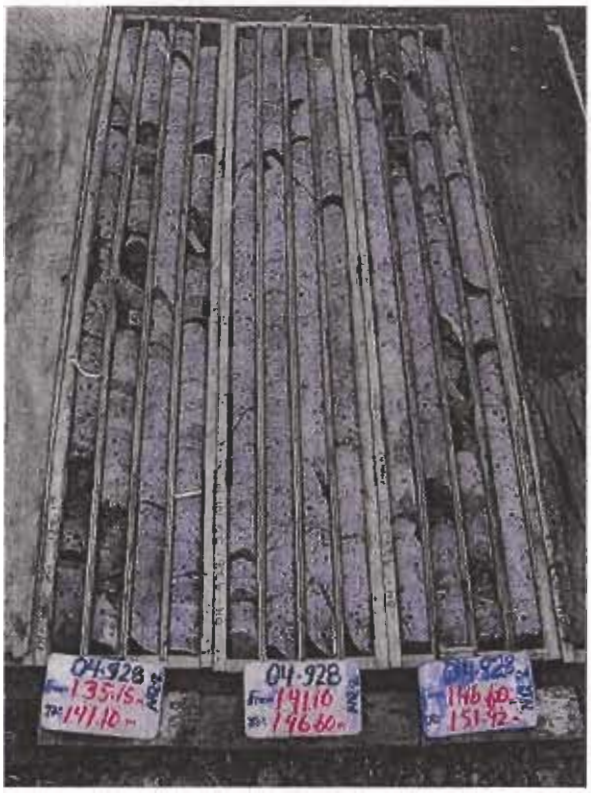
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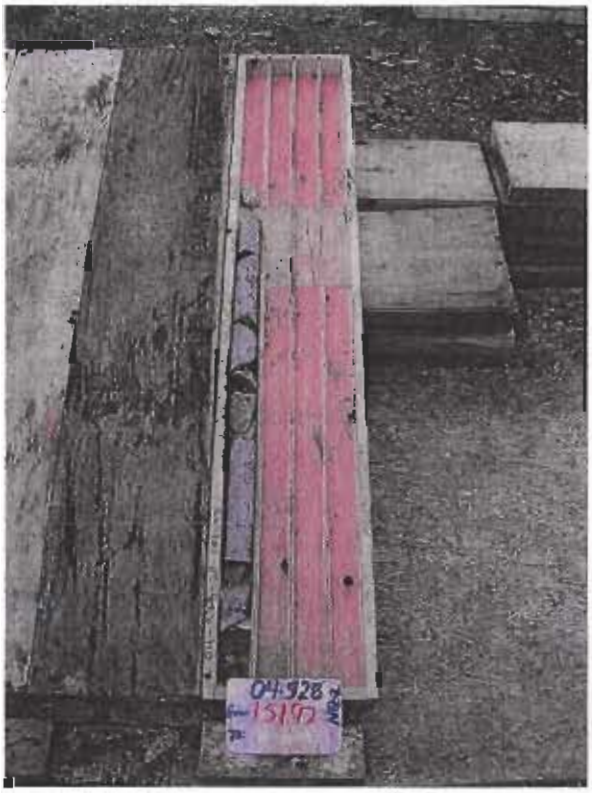
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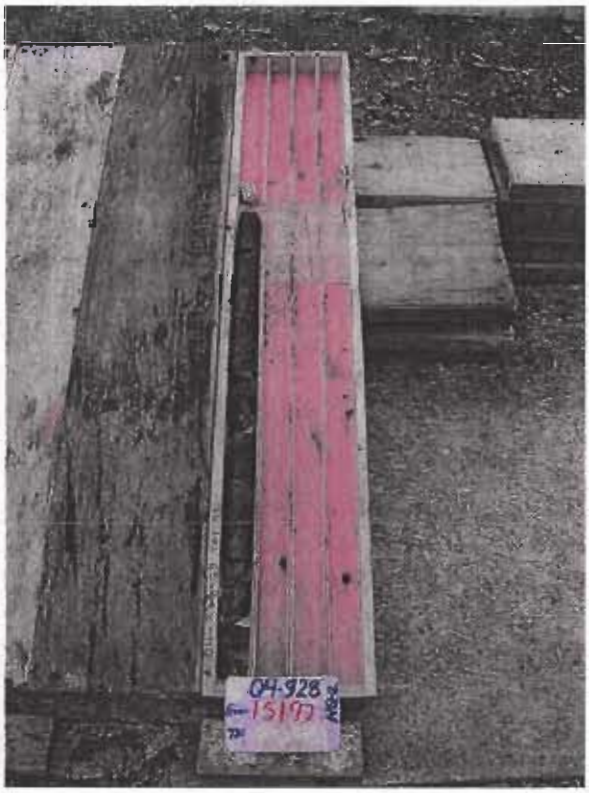
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18.90 to 24.29
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18.90 to 24.29
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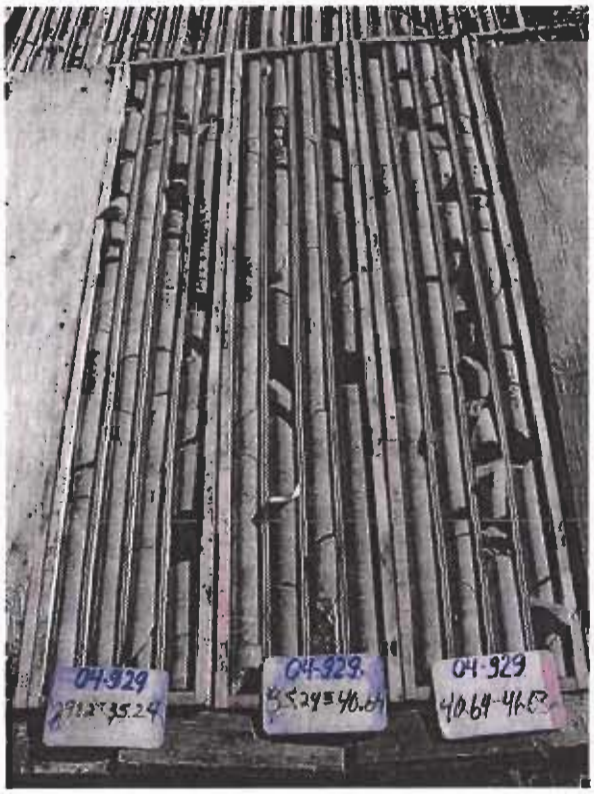
24.29 to 29.92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35.24 to 40.64
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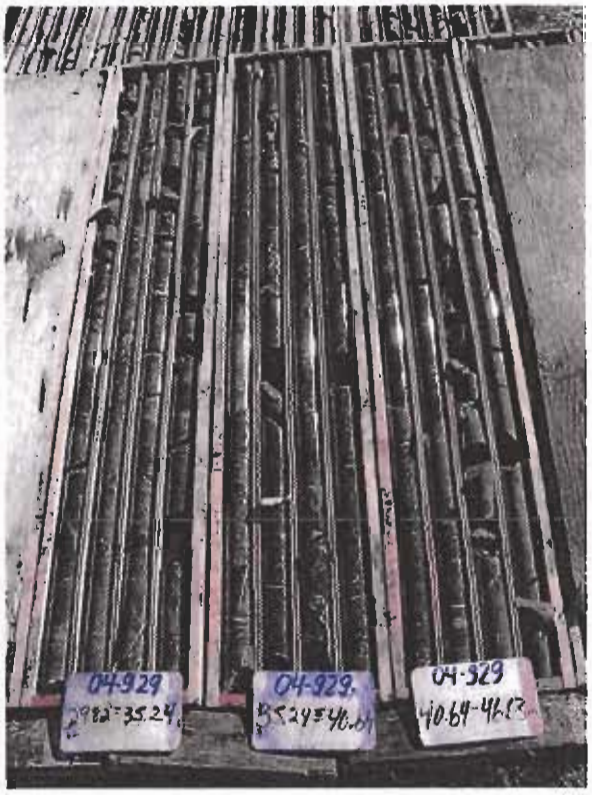
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35.24 to 40.64
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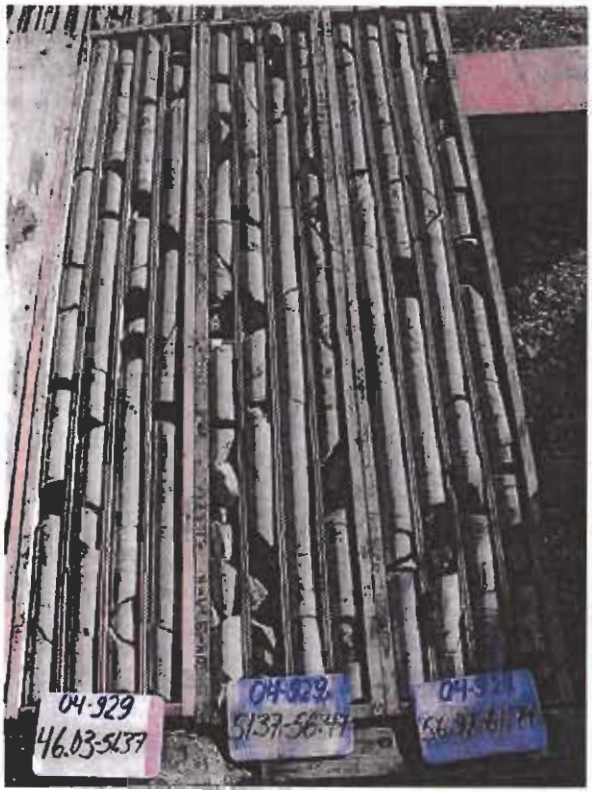
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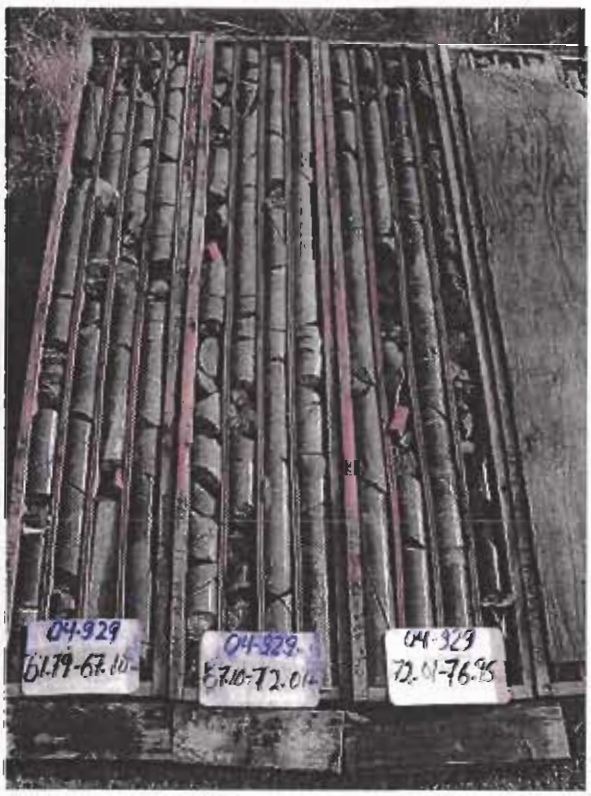
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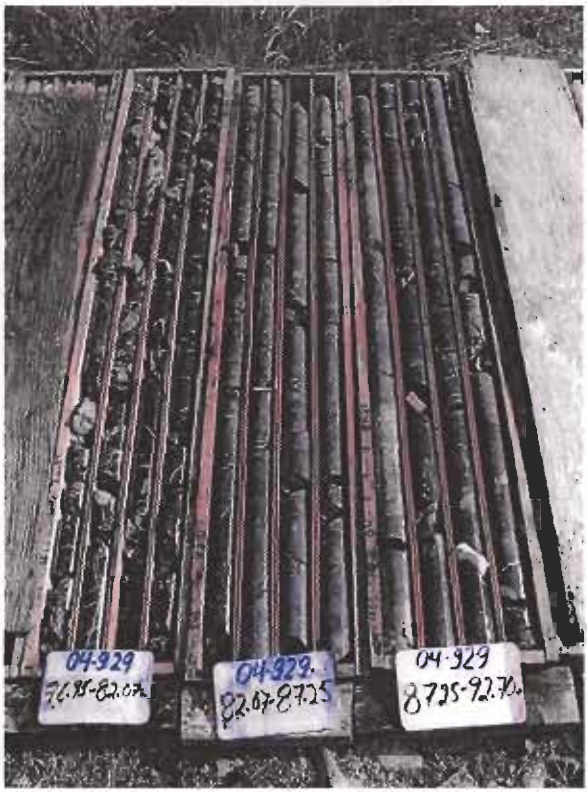
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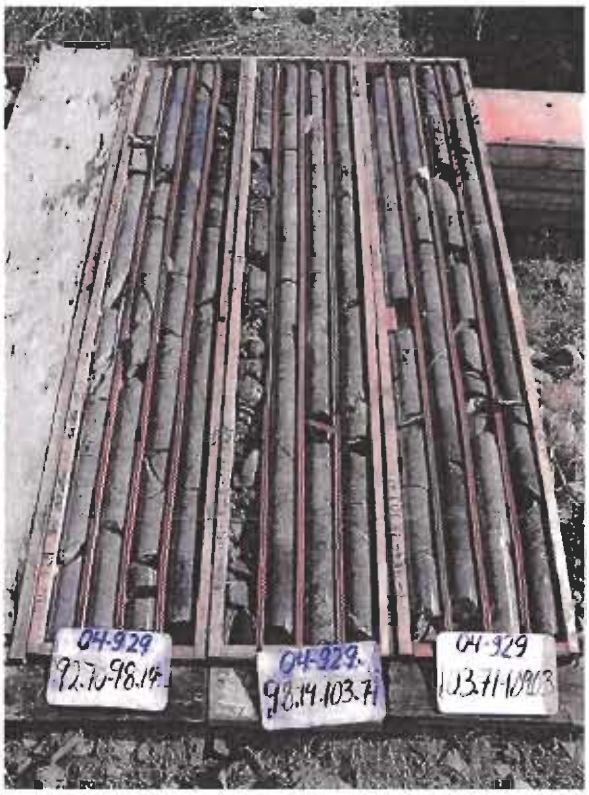
103.71-109.03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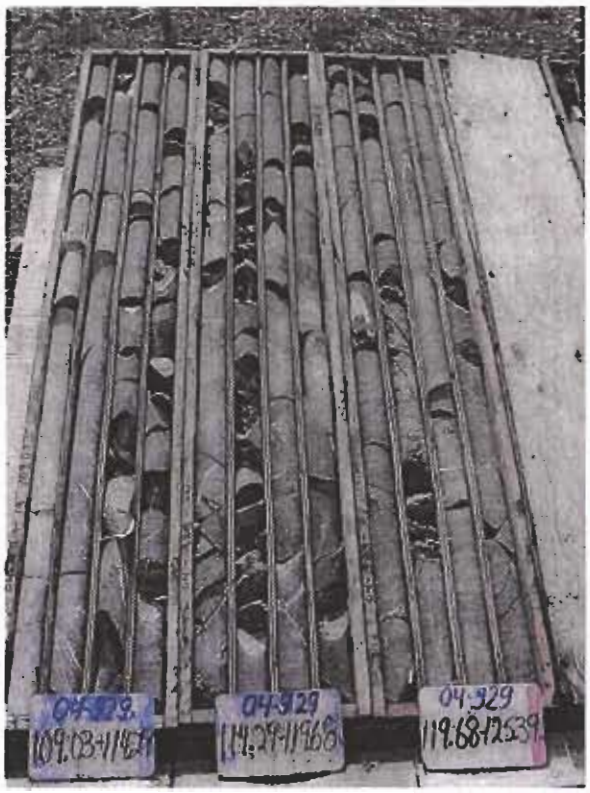
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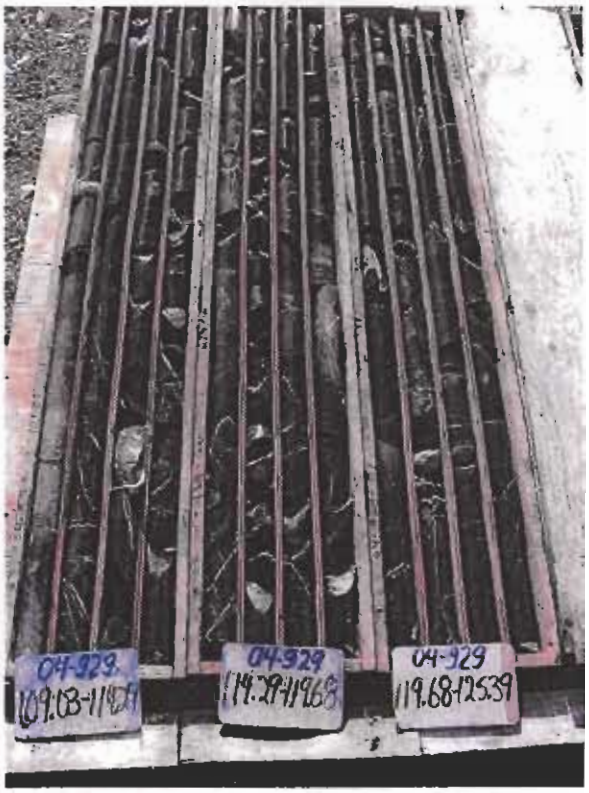
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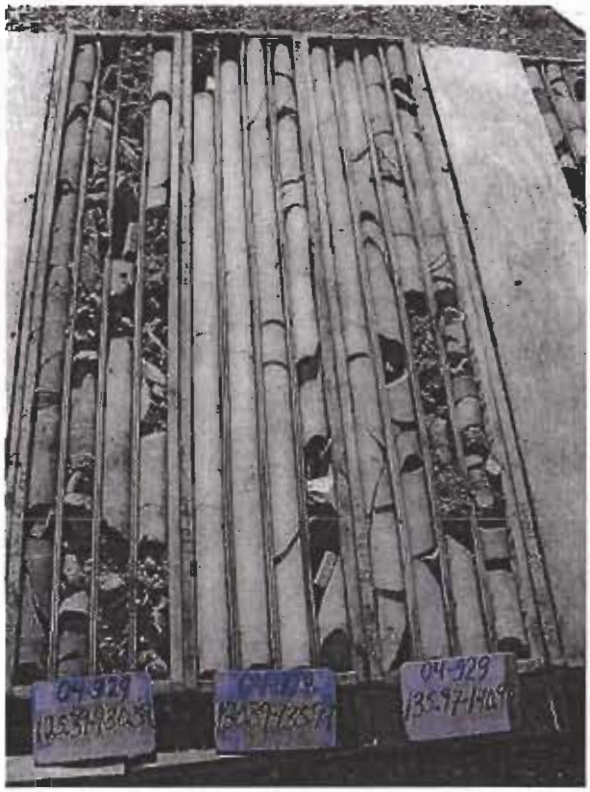
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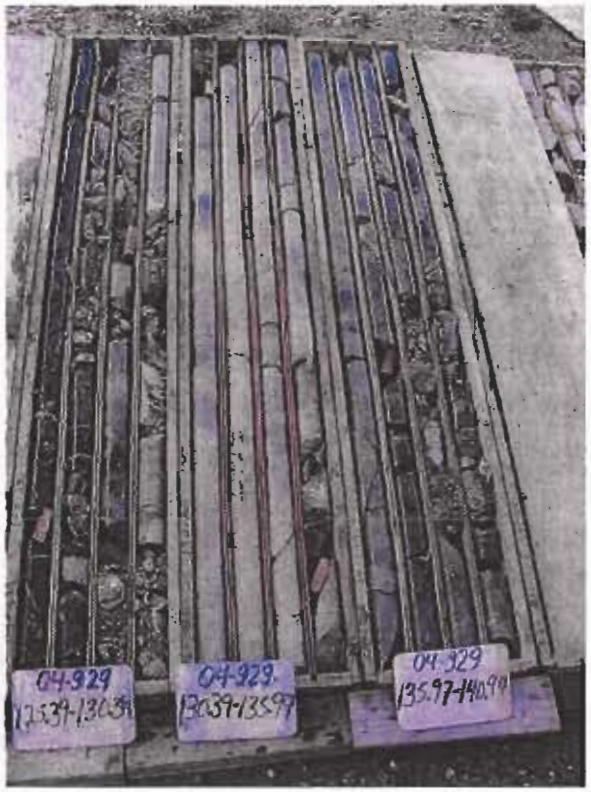
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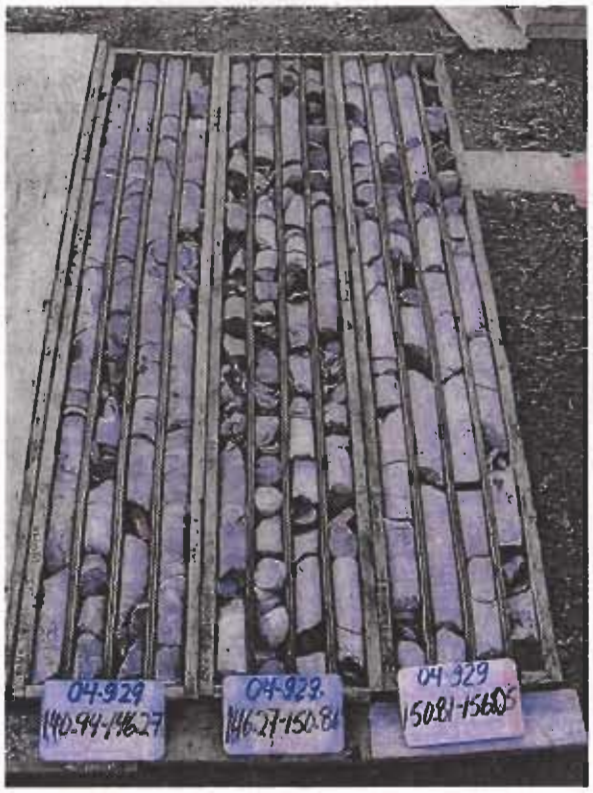
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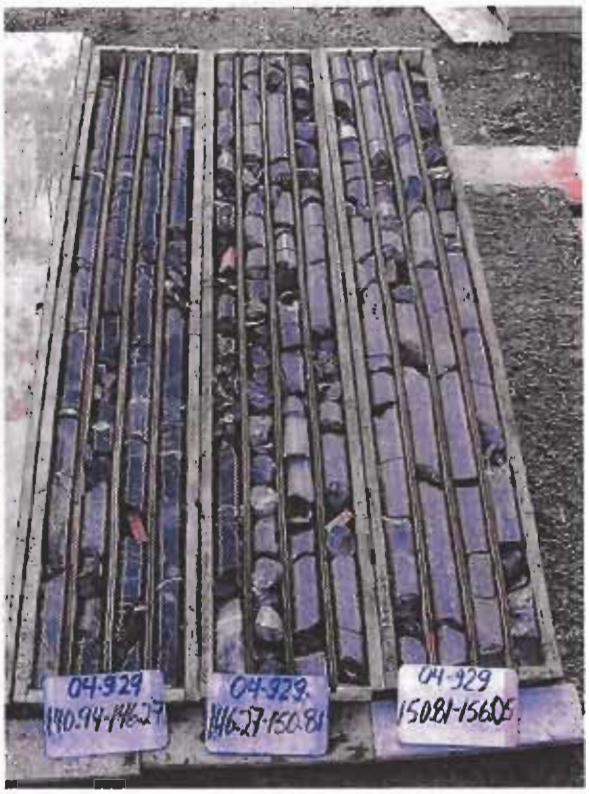
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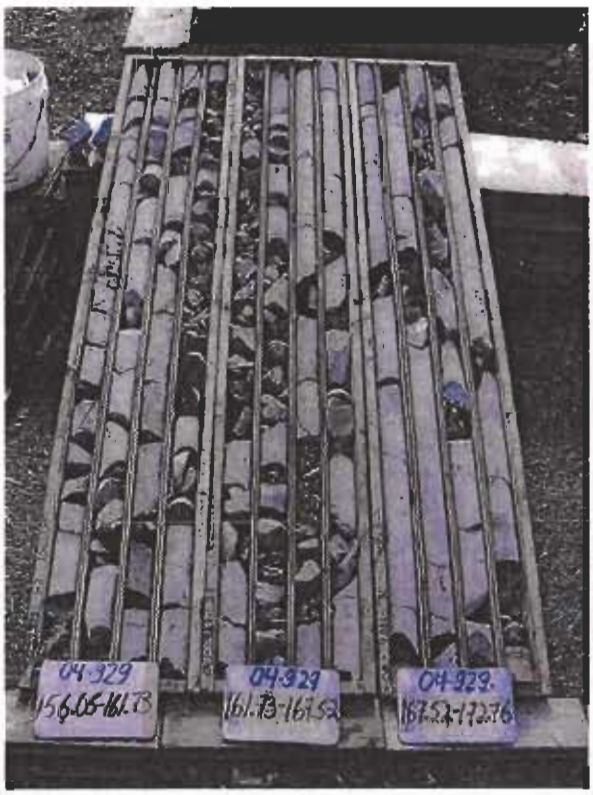
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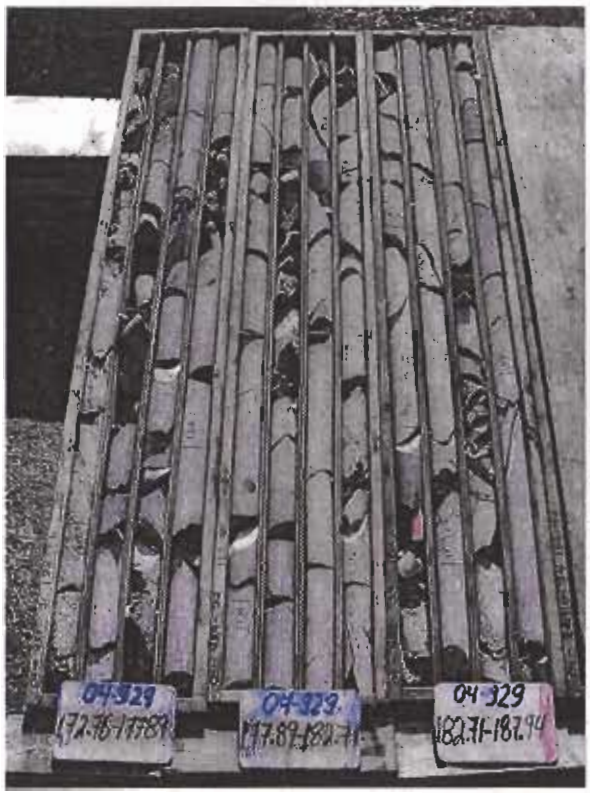
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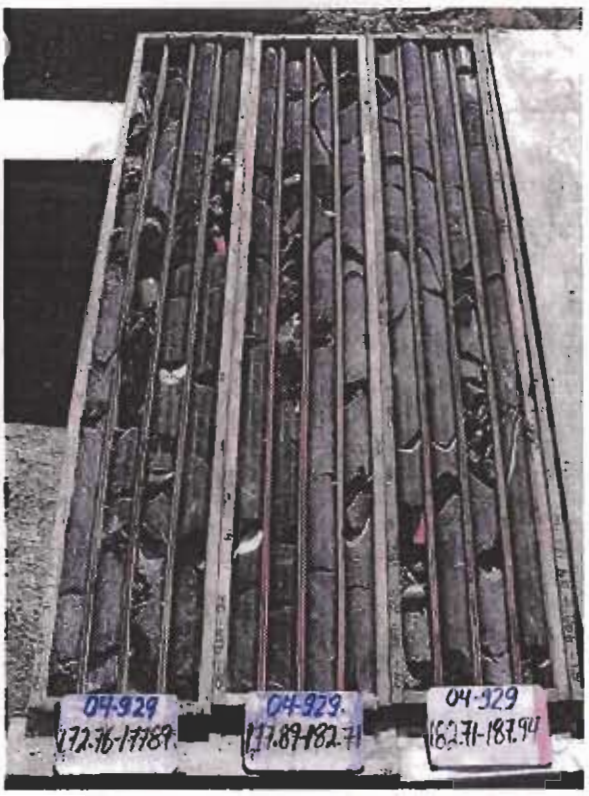
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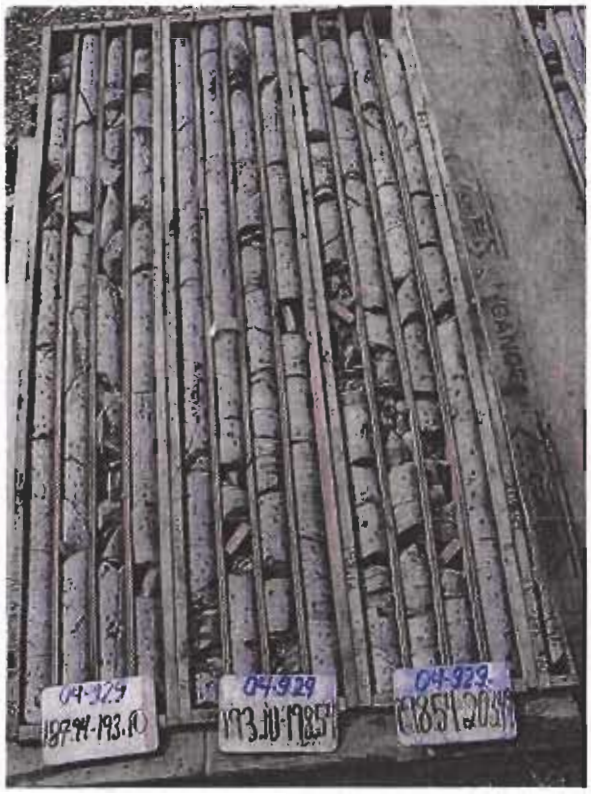
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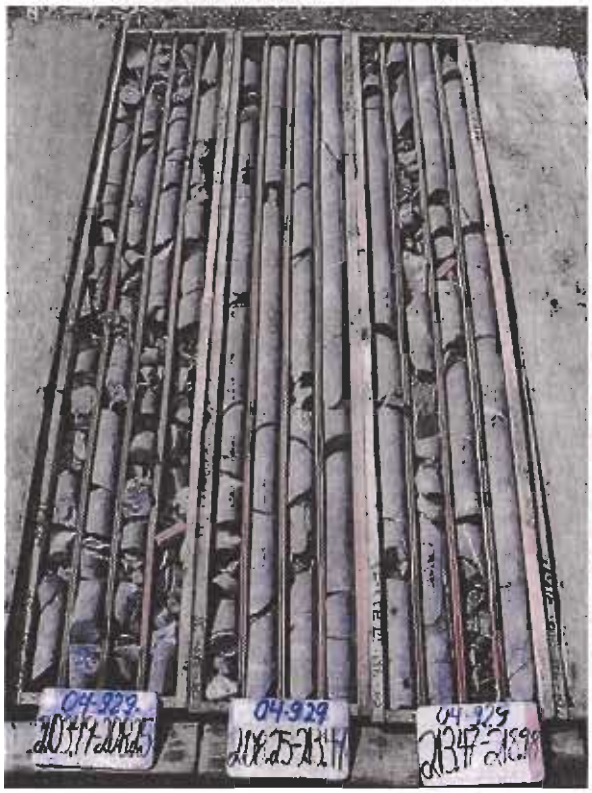
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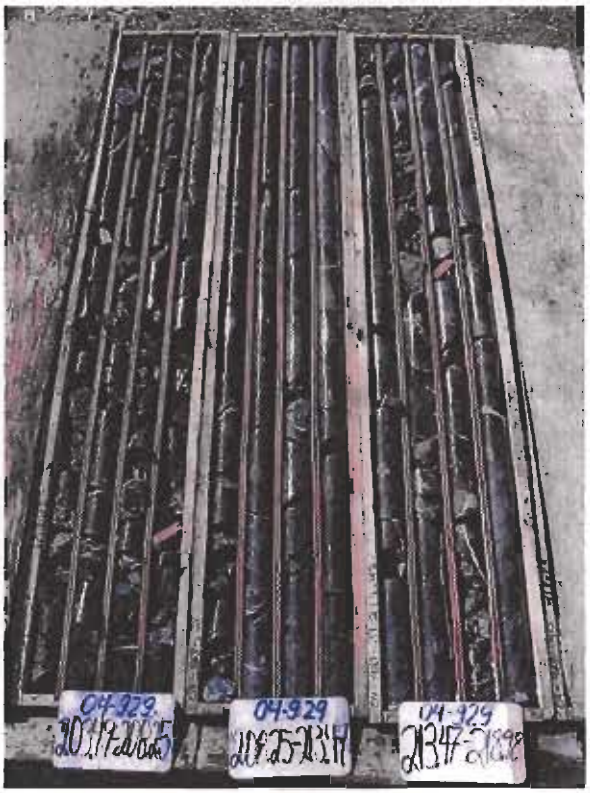
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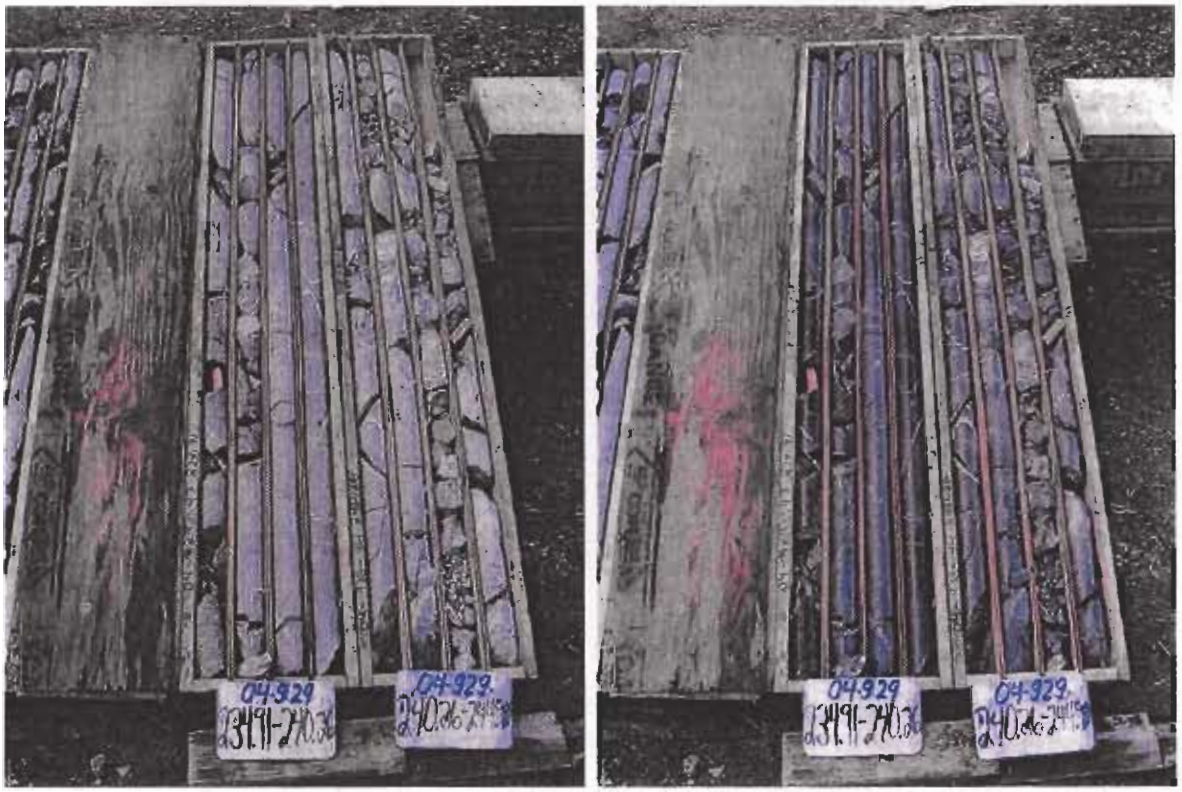
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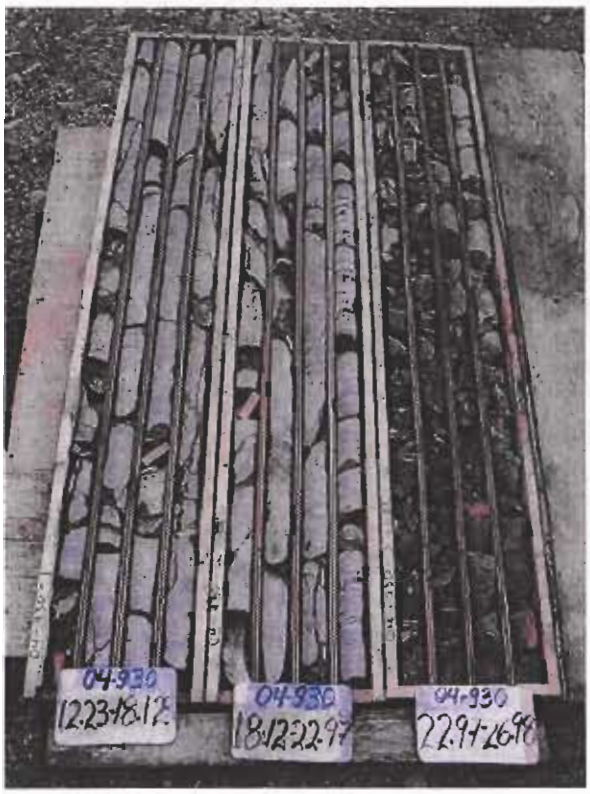
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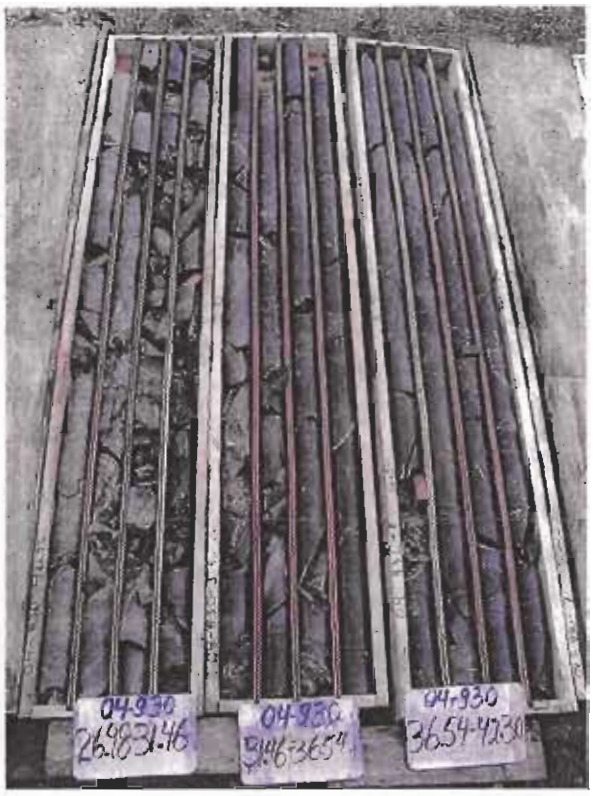
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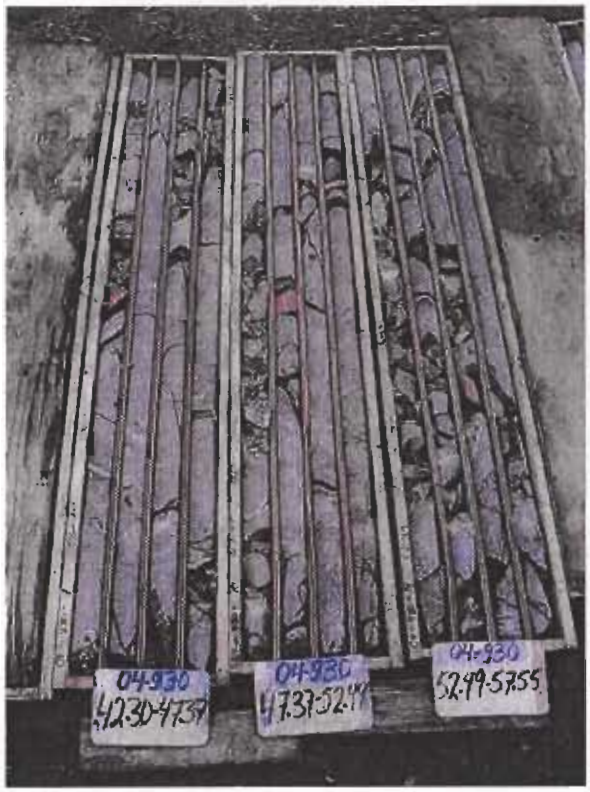
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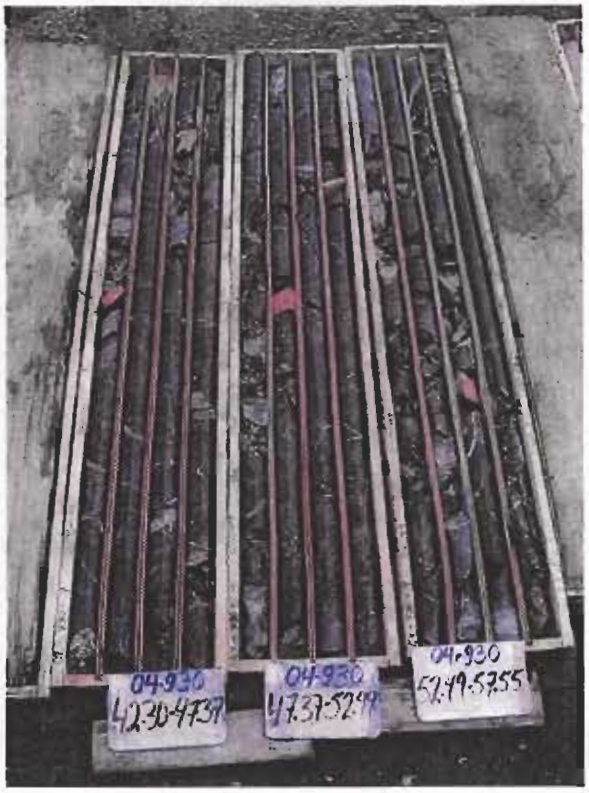
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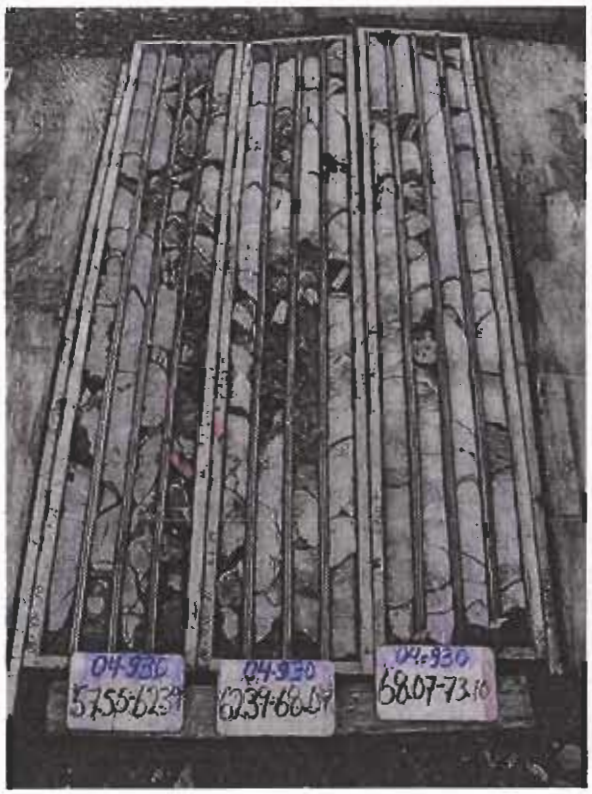
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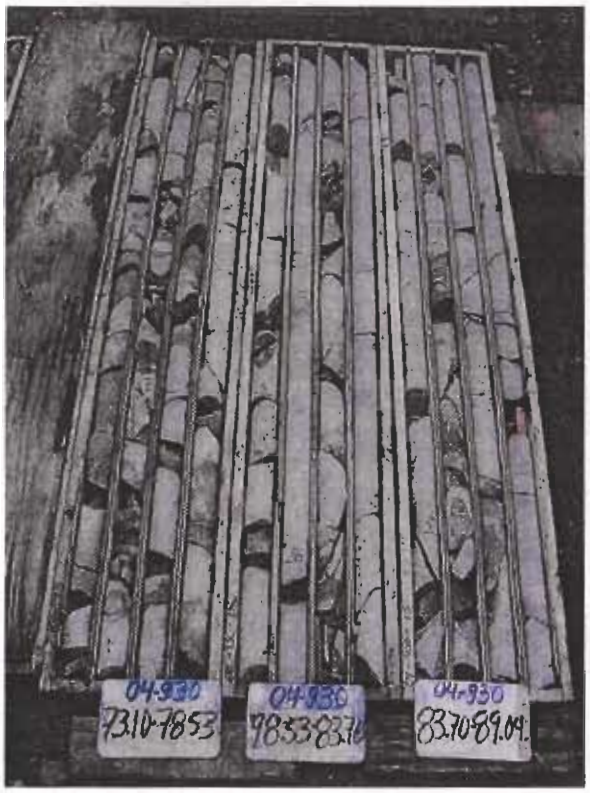
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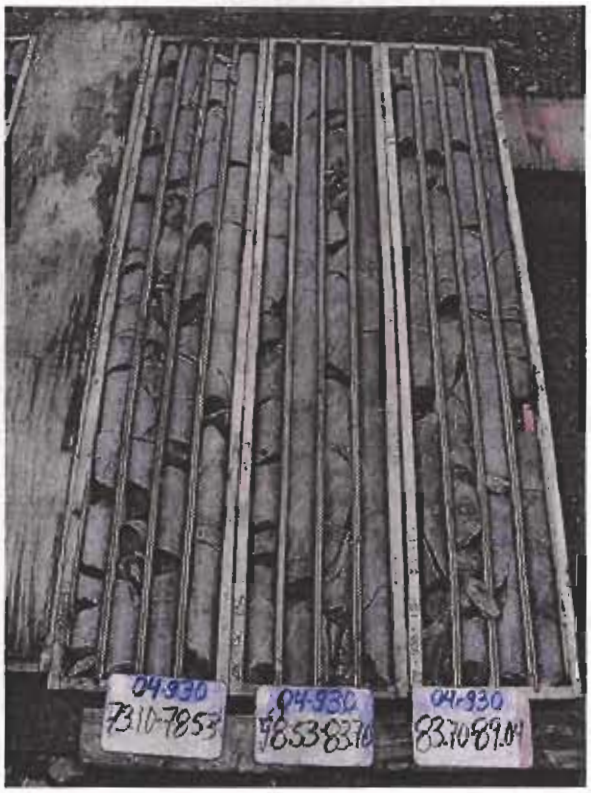
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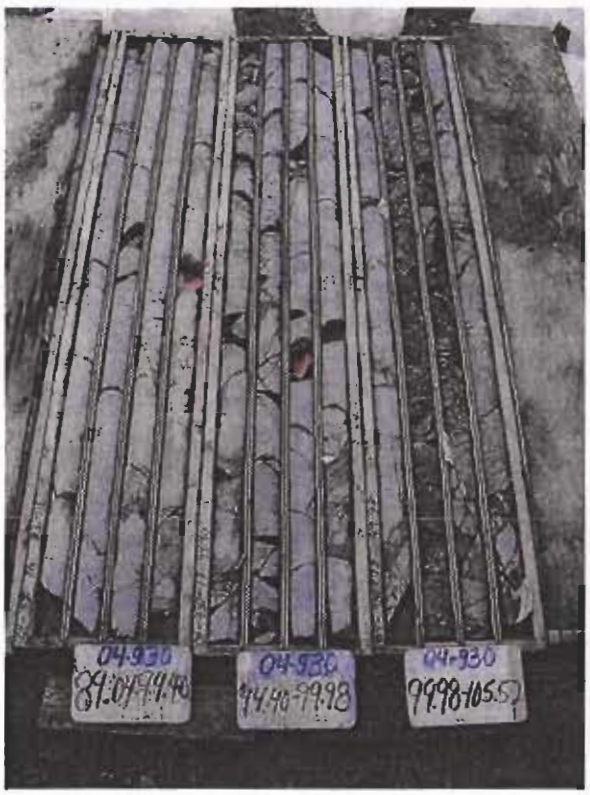
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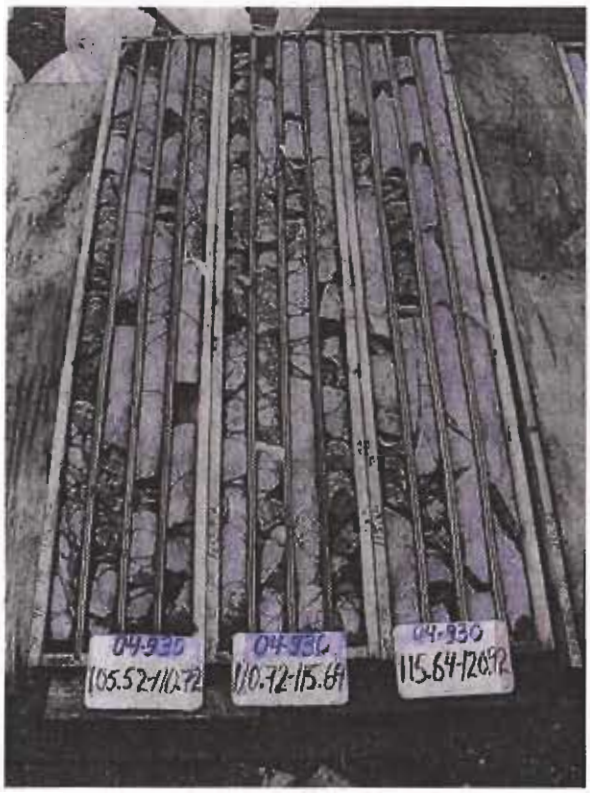
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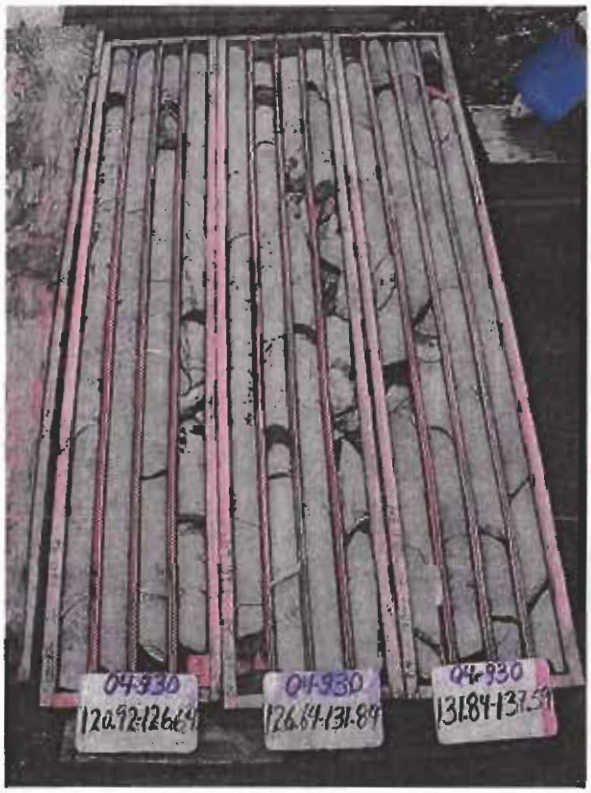
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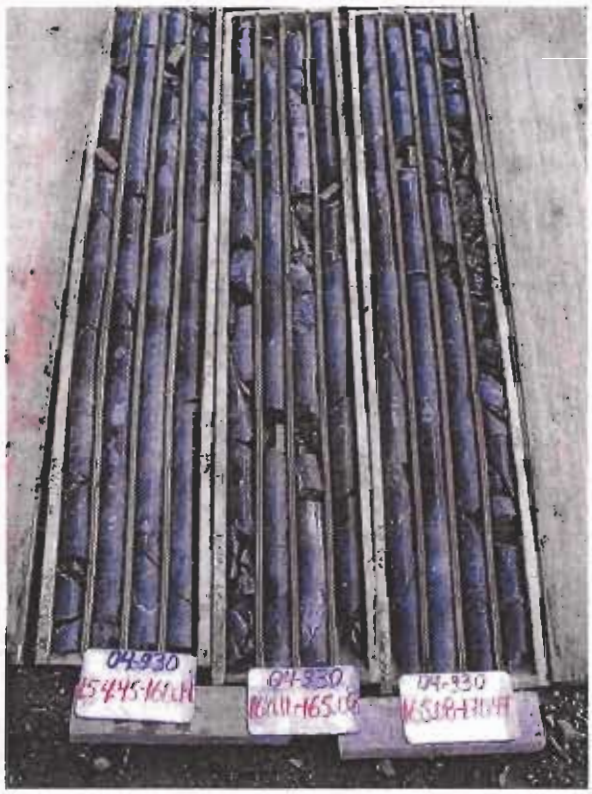
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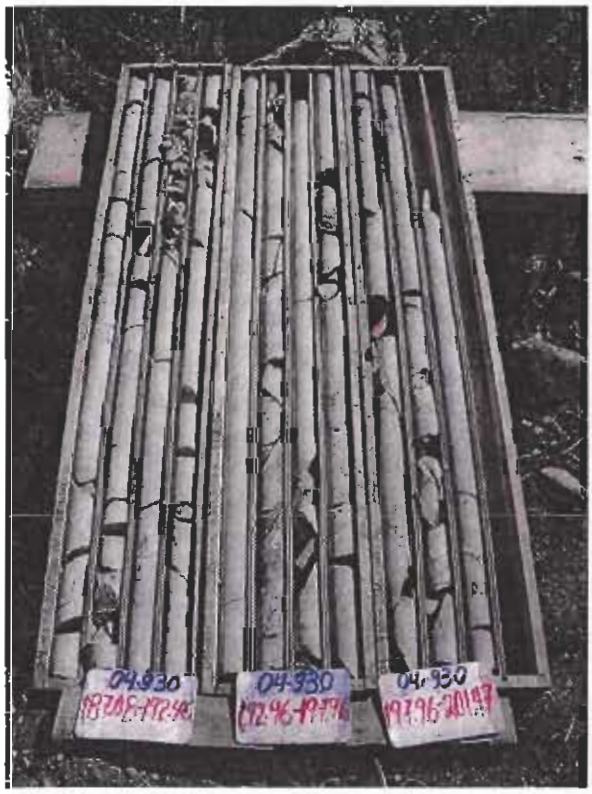
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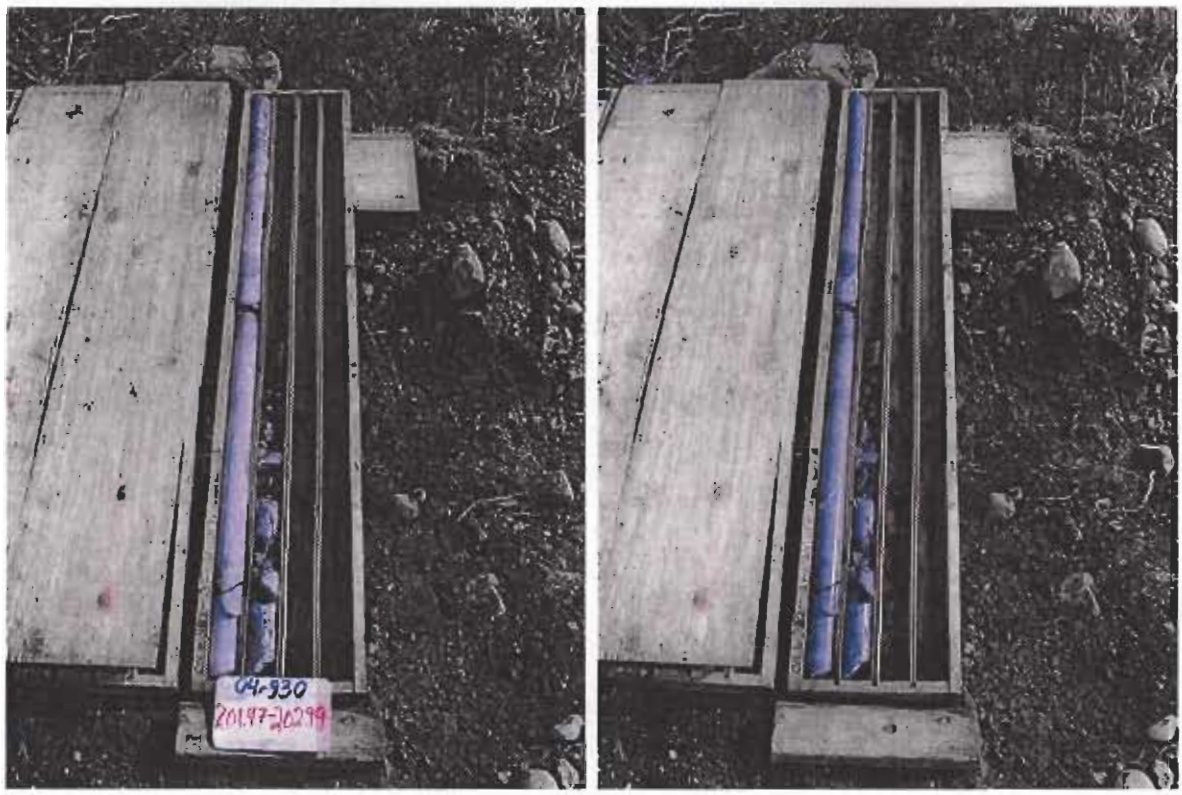
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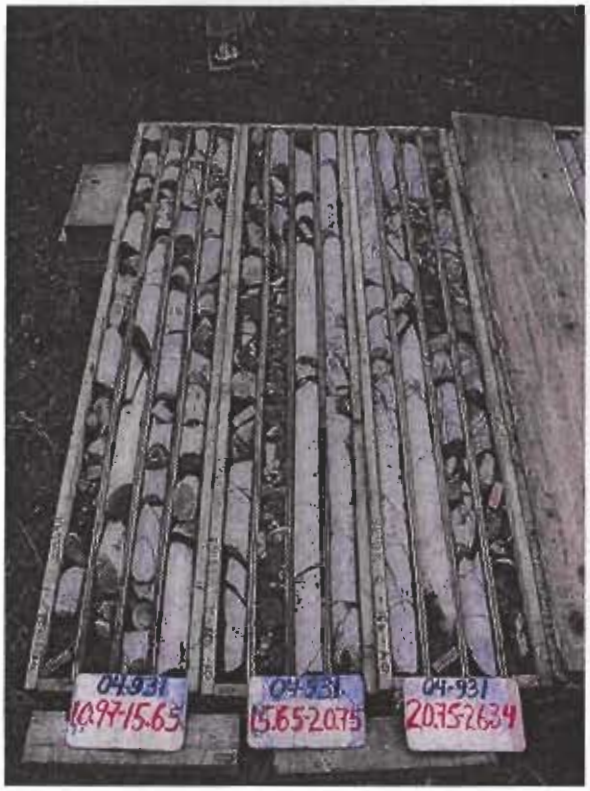
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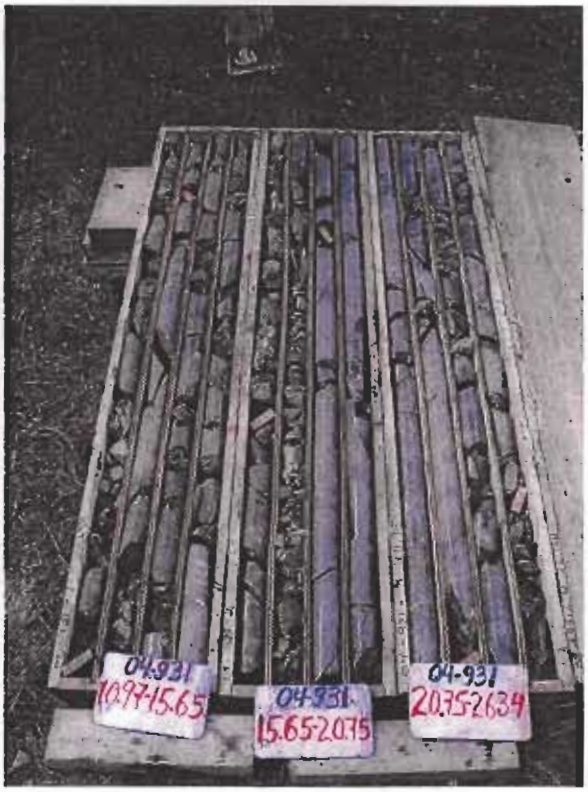
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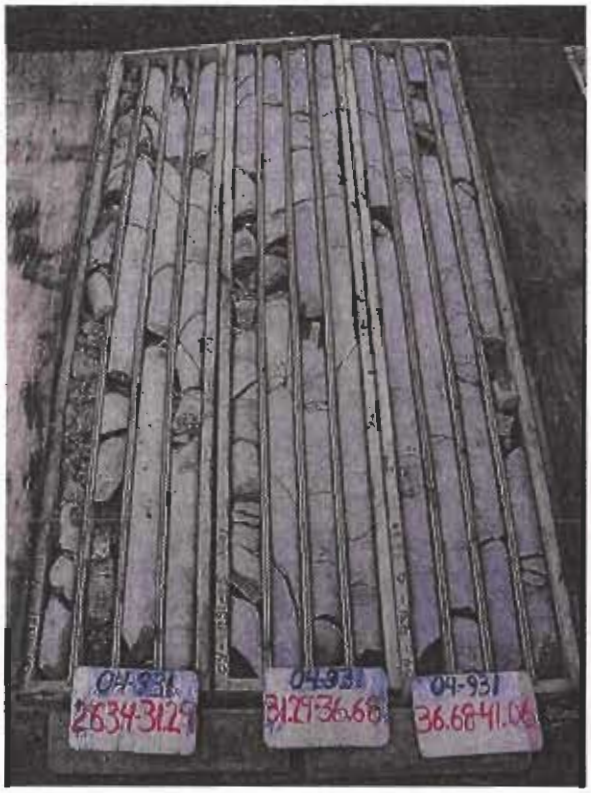
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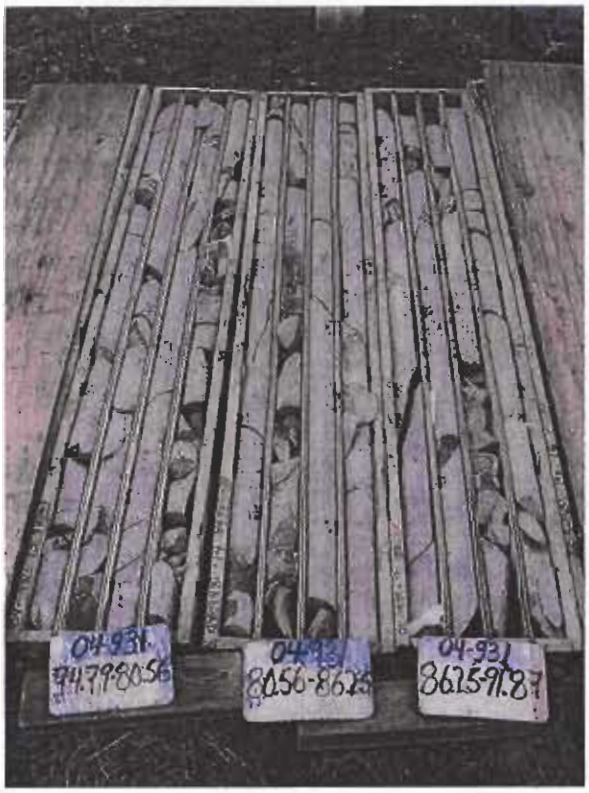
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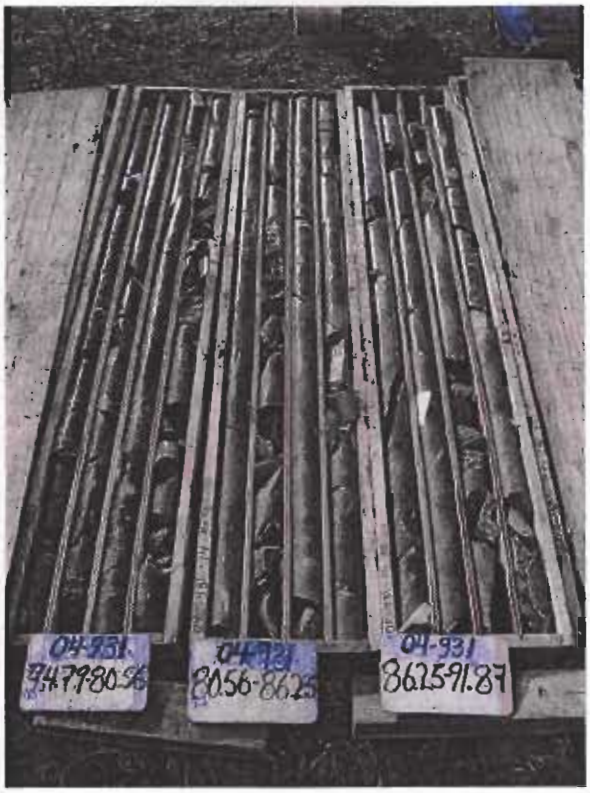
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101.82-106.78


04-931
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118.14-1235


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118.14-1235


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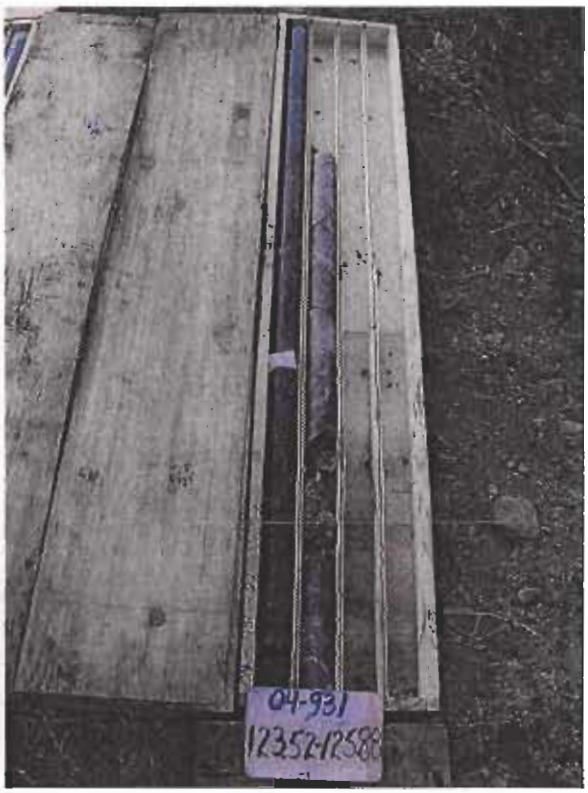
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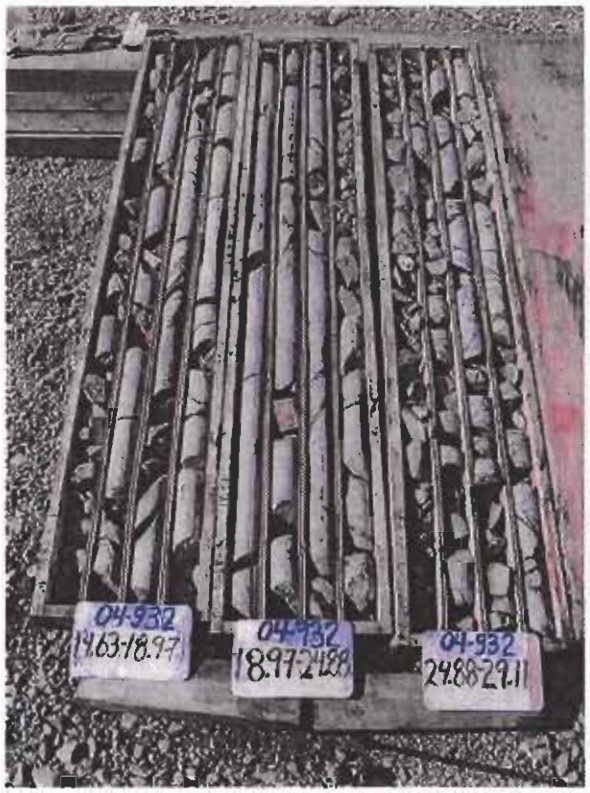
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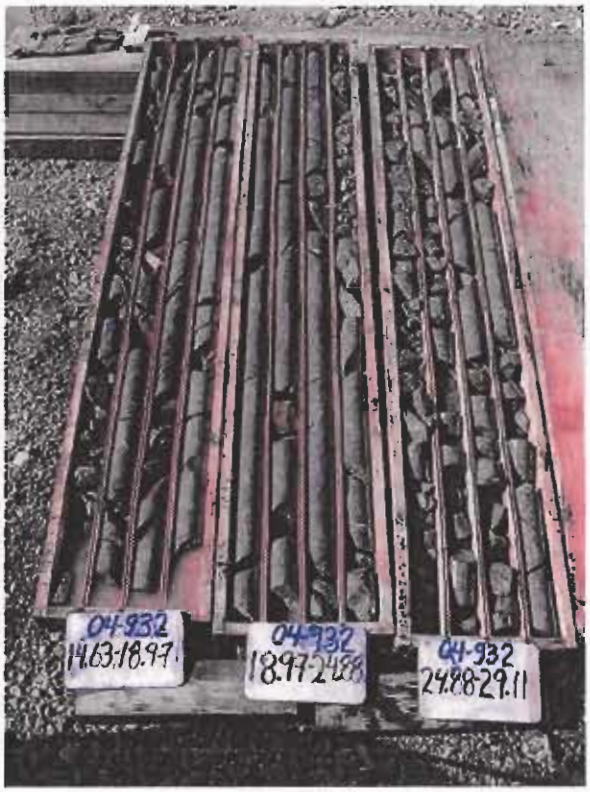
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39.11-43.73


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34.37-39.11
04-932
39.11-43.73


04-932
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49.36-54.06
04-932
54.06-59.59


04-932
43.73-49.36
04-932
49.36-54.06
04-932
54.06-59.59


04-932
59.59-64.76
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64.76-69.67
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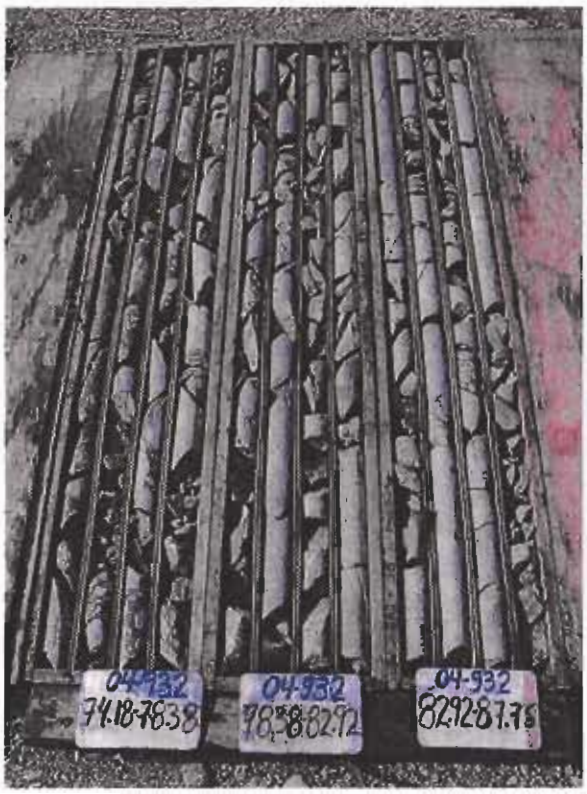
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82.92-87.75


04-932
87.75-93.39
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93.39-96.89
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96.89-102.38


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04-932
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113.47-118.59


04-932
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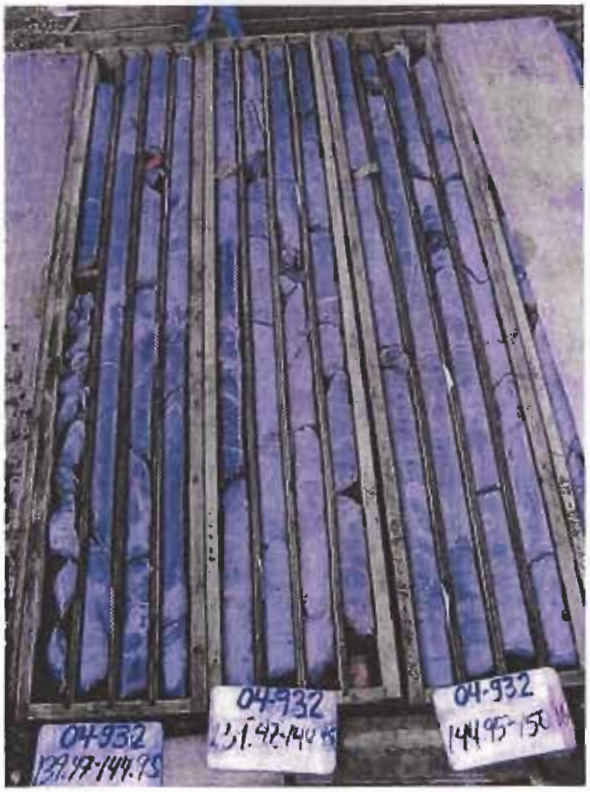
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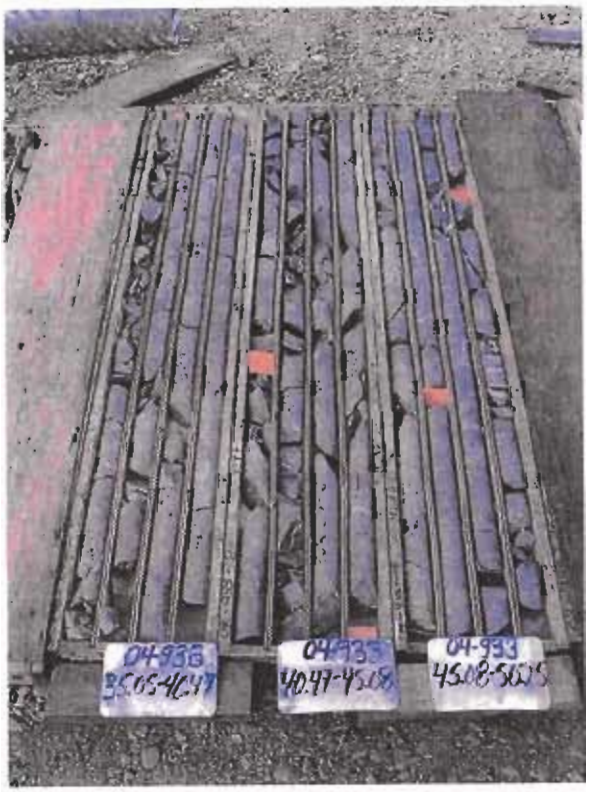
04-933
22.81-26.62
04-933
26.62-30.52
04-933
30.52-35.05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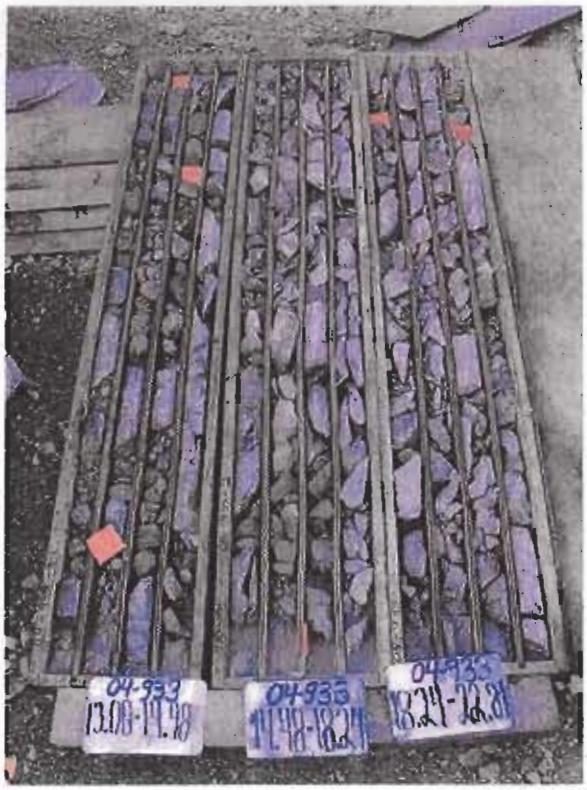
55.76-61.16
04-933
61.16-62.17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35.05-40.47
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40.47-45.08
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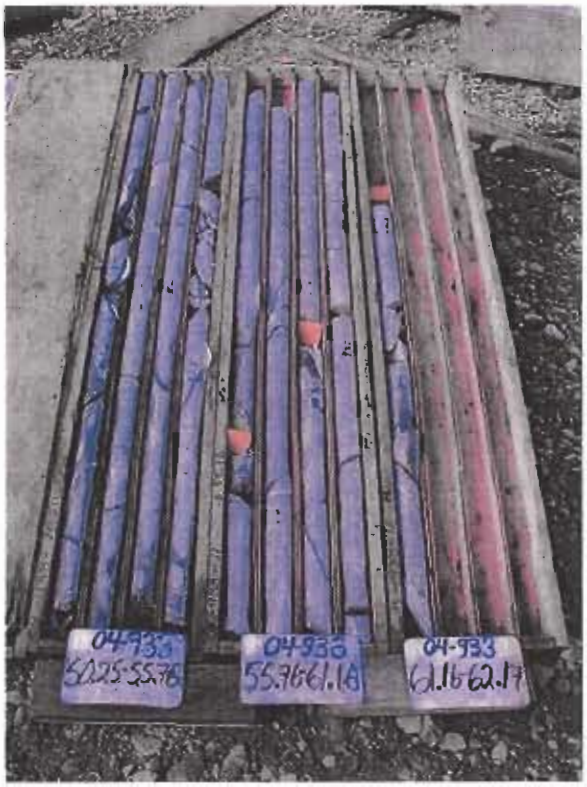
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55.78-61.18
04-933
61.18-62.14

APPENDIX V – GEOTECHNICAL LOGS (RECOVERY AND RQD)

Geotechnical Log

HOLEID	*FROM*	*TO*	*RQD*	*Recovery*
04-920				
	7.01	7.32	0.42	1.39
	7.32	10.36	0.63	0.89
	10.36	13.41	0.26	0.93
	13.41	16.45	0.87	0.99
	16.45	19.45	0.77	1.06
	19.45	22.5	0.51	0.98
	22.5	25.6	0.54	0.97
	25.6	28.65	0.69	0.97
	28.65	31.7	0.58	1.30
	31.7	34.74	0.50	0.92
	34.74	37.79	0.58	0.80
	37.79	40.84	0.64	1.01
	40.84	43.88	0.52	0.92
	43.88	46.32	0.75	1.18
	46.32	49.38	0.76	0.98
	49.38	52.47	0.40	0.94
	52.47	53.03	0.46	1.07
	53.03	56.08	0.22	1.10
	56.08	59.13	0.44	0.96
	59.13	62.18	0.96	0.88
	62.18	65.22	0.47	0.92
	65.22	68.27	0.70	0.94
	68.27	71.32	0.88	0.98
	71.32	74.37	0.80	1.06
	74.37	77.42	0.83	0.95
	77.42	80.46	0.52	0.96
	80.46	83.51	0.47	0.93
	83.51	86.56	0.38	1.04
	86.56	89.61	0.44	0.98
	89.61	92.65	0.60	1.03
	92.65	95.7	0.48	1.03
	95.7	98.75	0.26	0.73
	98.75	101.8	0.63	1.02
	101.8	104.85	0.75	1.01
	104.85	107.89	0.39	0.94
	107.89	110.94	0.71	1.13
	110.94	113.99	0.30	0.84
	113.99	117.04	0.83	1.10
	117.04	120.09	0.70	1.12
	120.09	123.13	0.70	1.03
	123.13	126.18	0.73	0.97
	126.18	129.23	0.68	1.01
	156.66	159.71	0.57	1.10
	159.71	162.76	0.40	1.28

HOLEID	*FROM*	*TO*	*RQD*	*Recovery*
	162.76	164.89	0.20	0.94
	164.89	165.81	0.28	0.85
	165.81	168.85	0.35	0.90
	168.85	171.9	0.66	0.95
	171.9	174.95	0.69	1.01
	174.95	178	0.96	0.99
	178	181.05	0.48	1.01
	181.05	184.09	0.57	1.04
	184.09	185.01	0.55	0.97

HOLEID	FROM	TO	RQD	Recovery
04-921				
	5.48	7.31	0.00	0.79
	7.31	9.44	0.52	1.11
	9.44	10.35	0.56	0.84
	10.35	13.41	0.11	0.99
	13.41	16	0.05	0.91
	16	17.52	0.55	1.09
	17.52	19.5	0.61	0.98
	19.5	22.55	0.50	1.15
	22.55	25.6	0.29	0.93
	25.6	28.65	0.12	1.09
	28.65	31.69	0.76	1.00
	31.69	34.74	0.58	0.78
	34.74	37.79	0.73	1.00
	37.79	40.84	0.54	0.98
	40.84	43.04	0.52	1.30
	43.04	46.93	0.22	0.59
	46.93	49.98	0.41	1.01
	49.98	53.03	0.36	1.03
	53.03	56.08	0.26	1.04
	56.08	59.13	0.37	1.01
	59.13	62.17	0.38	0.99
	62.17	65.22	0.55	0.98
	65.22	68.27	0.48	0.92
	68.27	71.32	0.06	1.06
	71.32	73.6	0.00	1.14
	73.6	76.5	0.44	0.94
	76.5	77.41	0.12	0.95
	77.41	80.46	0.42	0.97
	80.46	82.6	0.39	1.01
	82.6	84.42	0.51	1.12
	84.42	86.56	0.41	0.88
	86.56	90.52	0.21	0.49
	90.52	92.65	0.46	1.39
	92.65	94.97	0.74	0.98
	94.97	97.84	0.71	1.04
	97.84	100.88	0.71	1.00
	100.88	101.8	0.14	1.02
	101.8	104.85	0.45	1.07
	104.85	107.89	0.25	1.05
	107.89	110.94	0.50	1.00
	110.94	113.99	0.76	0.99
	113.99	117.04	0.68	1.01
	117.04	120.09	0.70	0.96
	120.09	123.13	0.59	1.11
	123.13	126.18	0.75	1.02
	126.18	129.23	0.58	0.98
	129.23	132.28	0.76	0.93
	132.28	135.33	0.63	1.03

HOLEID	*FROM*	*TO*	*RQD*	*Recovery*
	135.33	138.37	0.82	1.07
	138.37	141.42	0.37	0.95
	141.42	144.47	0.26	1.01
	144.47	147.52	0.39	1.01
	147.52	154.38	0.08	0.99
	154.38	155.6	0.00	1.06
	155.6	156.65	0.00	0.94
	156.65	159.71	0.13	1.11
	159.71	162.76	0.41	1.00
	162.76	165.81	0.18	0.94
	165.81	168.85	0.63	1.04
	168.85	171.9	0.44	1.00
	171.9	174.95	0.49	1.00
	174.95	178	0.34	0.97
	178	181.05	0.43	1.05
	181.05	184.09	0.52	1.01
	184.09	187.17	0.53	1.01
	187.17	190.19	0.56	1.01
	190.19	193.24	0.31	1.02
	193.24	196.24	0.53	1.01
	196.24	199.33	0.54	1.01
	199.33	202.38	0.47	0.99
	202.38	205.15	0.17	1.07

HOLEID	FROM	TO	RQD	Recovery
04-922				
	7.32	10.35	0.00	0.61
	10.35	13.41	0.00	0.92
	13.41	16	0.00	1.00
	16	16.45	0.00	1.04
	16.45	19.5	0.12	0.94
	19.5	20.84	0.29	0.99
	20.84	22.09	0.42	0.97
	22.09	22.55	0.67	1.11
	22.55	25.6	0.06	0.78
	25.6	28.65	0.27	1.05
	28.65	31.7	0.24	0.99
	31.7	34.74	0.60	1.07
	34.74	37.79	0.46	0.93
	37.79	40.84	0.38	1.10
	40.84	43.88	0.55	1.00
	43.88	46.94	0.56	1.00
	46.94	49.98	0.52	1.02
	49.98	53.03	0.41	0.98
	53.03	56.08	0.14	1.01
	56.08	57.15	0.00	1.01
	57.15	59.13	0.00	0.96
	59.13	62.18	0.00	0.95
	62.18	64.92	0.07	1.01
	64.92	67.36	0.05	1.08
	67.36	68.27	0.00	0.89
	68.27	70.4	0.47	1.03
	70.4	73.15	0.36	1.01
	73.15	74.37	0.31	0.89
	74.37	76.65	0.31	1.01
	76.65	78.64	0.46	1.06
	78.64	80.46	0.64	1.05
	80.46	83.21	0.60	0.90
	83.21	85.95	0.60	0.96
	85.95	88.31	0.56	1.02
	88.31	89.6	0.67	0.89
	89.6	92.66	0.60	0.99
	92.66	95.7	0.84	1.04
	95.7	98.75	0.46	1.04
	98.75	101.8	0.45	0.98
	101.8	104.85	0.60	1.00
	104.85	107.89	0.28	0.99
	107.89	110.94	0.39	1.12
	110.94	113.99	0.37	1.01
	113.99	117.04	0.30	1.00
	117.04	120.09	0.57	1.00
	120.09	123.14	0.47	1.02
	123.14	123.74	0.38	0.97

HOLEID	*FROM*	*TO*	*RQD*	*Recovery*
04-923				
	9.14	10.36	0.52	1.12
	10.36	16.15	0.46	1.00
	15.6	28.65	0.09	0.18
	16.15	17.06	0.44	1.00
	17.06	19.51	0.44	0.97
	19.51	22.55	0.31	0.99
	22.55	25.6	0.38	0.98
	28.65	31.7	0.60	0.96
	31.7	34.75	0.49	1.00
	34.75	37.79	0.44	0.96
	37.79	40.84	0.49	1.00
	40.84	43.89	0.55	0.99
	43.89	46.94	0.68	1.00
	46.94	49.98	0.69	1.00
	49.98	53.05	0.67	1.01
	53.05	54.55	0.72	0.95
	54.55	56.08	0.61	0.95
	56.08	59.13	0.65	1.00
	59.13	62.18	0.37	0.94
	62.18	65.27	0.66	1.01
	65.27	68.27	0.75	1.09
	68.27	71.32	0.82	1.02
	71.32	74.37	0.89	1.01
	74.37	77.42	0.67	0.92
	77.42	80.46	0.38	1.03
	80.46	83.51	0.68	1.04
	83.51	86.56	0.47	1.03

HOLEID	FROM	TO	RQD	Recovery
04-924				
	4.27	7.32	0.05	0.94
	7.32	10.36	0.20	0.87
	10.36	13.41	0.40	0.93
	13.41	16.46	0.67	0.97
	16.46	19.5	0.47	0.95
	19.5	22.5	0.64	1.02
	22.5	25.6	0.42	0.95
	25.6	28.65	0.36	0.95
	28.65	31.64	0.70	0.81
	31.64	34.74	0.43	0.94
	34.74	37.79	0.40	0.94
	37.79	40.84	0.23	0.98
	40.84	43.89	0.50	1.00
	43.89	46.93	0.22	0.93
	46.93	49.98	0.15	0.98
	49.98	53.03	0.54	0.97
	53.03	55.16	0.56	1.00
	56.08	59.13	0.52	0.90
	59.13	62.17	0.17	0.99
	62.17	65.22	0.08	0.98
	65.22	68.27	0.11	0.89
	68.27	71.32	0.19	0.97
	71.32	74.37	0.47	0.98
	74.37	77.41	0.66	0.97
	77.41	80.46	0.52	1.00
	80.46	83.51	0.27	0.97
	83.51	86.56	0.35	0.97
	86.56	89	0.73	1.00
	89	89.61	0.30	1.00
	89.61	92.35	0.19	0.82

HOLEID	FROM	TO	RQD	Recovery
04-925				
	3.35	6.4	0.26	0.82
	6.4	9.44	0.70	0.95
	9.44	12.49	0.82	0.94
	12.49	15.54	0.83	0.95
	15.54	18.59	0.41	0.84
	18.59	21.64	0.64	0.92
	21.64	24.68	0.38	0.88
	24.68	27.73	0.41	0.92
	27.73	30.78	0.43	0.93
	30.78	33.83	0.61	1.00
	33.83	36.88	0.77	1.04
	36.88	39.92	0.26	0.97
	39.92	42.97	0.70	0.95
	42.97	46.02	0.59	0.90
	46.02	49.07	0.76	0.97
	49.07	52.12	0.73	0.91
	52.12	55.16	0.66	1.07
	55.16	58.21	0.52	1.00
	58.21	61.26	0.45	0.95
	61.26	64.31	0.61	0.98
	64.31	66.24	0.33	0.61
	66.24	67.36	0.28	1.03
	67.36	70.4	0.34	0.84
	70.4	73.45	0.64	0.96
	73.45	76.5	0.85	1.00
	76.5	79.55	0.89	0.99
	79.55	82.6	0.82	0.97
	82.6	85.64	0.59	1.00
	85.64	88.69	0.46	0.94
	88.69	91.74	0.61	0.88
	91.74	94.79	0.51	0.97
	94.79	97.84	0.62	0.96
	97.84	100.88	0.59	0.97
	100.88	103.93	0.50	0.94

HOLEID	FROM	TO	RQD	Recovery
04-926				
	3.65	5.18	0.67	0.68
	5.18	6.4	0.76	0.99
	6.4	9.44	0.51	1.00
	9.44	12.49	0.65	0.70
	12.49	15.54	0.31	0.65
	15.54	18.59	0.54	0.68
	18.59	21.64	0.76	0.98
	21.64	24.68	0.58	0.73
	24.68	27.73	0.29	0.96
	27.73	30.78	0.65	0.98
	30.78	33.83	0.62	0.97
	33.83	36.88	0.51	0.68
	36.88	39.92	0.30	0.66
	39.92	42.97	0.39	0.96
	42.97	46.02	0.43	0.69
	46.02	49.07	0.43	1.01
	49.07	52.12	0.67	0.67
	52.12	55.16	0.63	0.94
	55.16	58.21	0.54	0.78
	58.21	61.26	0.23	0.96
	61.26	64.31	0.94	0.98
	64.31	67.36	0.50	0.94
	67.36	68.27	0.12	1.46
	68.27	70.4	0.23	0.83
	70.4	73.45	0.70	1.03
	73.45	76.5	0.23	1.03
	76.5	79.55	0.05	0.90
	79.55	82.6	0.55	0.63
	82.6	85.64	0.59	0.96
	85.64	88.69	0.58	0.98
	88.69	91.74	0.47	1.07
	91.74	94.79	0.72	0.96
	94.79	97.84	0.60	0.92

HOLEID	FROM	TO	RQD	Recovery
04-927				
	3.96	7.01	0.00	0.40
	7.01	7.92	0.00	0.26
	7.92	10.05	0.69	1.04
	10.05	13.1	0.39	0.98
	13.1	16.5	0.19	0.91
	16.5	18.89	0.64	1.14
	18.89	22.25	0.68	0.97
	22.25	24.68	0.73	1.08
	24.68	25.29	0.46	1.07
	25.29	28.34	0.53	1.02
	28.34	31.39	0.32	0.95
	31.39	34.44	0.73	0.98
	34.44	37.49	0.66	1.00
	37.49	40.53	0.53	0.95
	40.53	43.58	0.53	1.06
	43.58	46.63	0.50	1.07
	46.63	49.68	0.40	0.96
	49.68	52.73	0.29	0.95
	52.73	55.77	0.25	0.95
	55.77	58.82	0.12	1.02
	58.82	61.87	0.33	0.98
	61.87	64.92	0.43	0.99
	64.92	67.97	0.52	0.91
	67.97	71.01	0.35	1.01
	71.01	74.06	0.21	0.96
	74.06	77.11	0.61	0.91
	77.11	80.16	0.39	1.02
	80.16	83.21	0.30	0.90
	83.21	85.19	0.56	0.96
	85.19	86.25	0.87	1.05
	86.25	89.3	0.71	0.94
	89.3	92.35	0.48	0.96
	92.35	95.09	0.47	1.00
	95.09	98.45	0.22	0.99
	98.45	101.49	0.63	0.88
	101.49	104.54	0.60	1.01
	104.54	107.59	0.72	0.94
	107.59	110.64	0.70	0.98
	110.64	113.69	0.53	0.97
	113.69	116.79	0.75	0.97
	116.79	119.17	0.39	1.00
	119.17	122.22	0.63	1.02
	122.22	122.83	0.38	0.97
	122.83	125.88	0.68	0.93
	125.88	128.93	0.52	0.87
	128.93	131.97	0.41	0.97
	131.97	135.02	0.51	0.95
	135.02	138.07	0.44	0.91

HOLEID	FROM	TO	RQD	Recovery
	138.07	141.12	0.41	0.97
	141.12	144.17	0.54	0.95
	144.17	147.21	0.25	0.92
	147.21	150.26	0.22	0.86
	150.26	153.31	0.42	0.91
	153.31	156.36	0.11	0.76
	156.36	159.41	0.16	0.71
	159.41	162.45	0.38	0.89
	162.45	165.3	0.07	0.79
	165.3	168.55	0.27	0.78
	168.55	171.6	0.35	0.88
	171.6	174.65	0.27	0.85
	174.65	177.69	0.52	0.91
	177.69	180.74	0.26	0.88
	180.74	183.79	0.38	0.85
	183.79	185.62	0.58	1.01
	185.62	188.06	0.77	0.83
	188.06	189.89	0.54	0.93
	189.89	192.93	0.35	0.71
	192.93	194.15	0.33	0.96
	194.15	195.98	0.08	0.73
	195.98	199.03	0.31	0.88
	199.03	202.08	0.74	0.96

HOLEID	FROM	TO	RQD	Recovery
04-928				
	9.454	12.49	0.22	0.93
	12.49	15.54	0.67	1.00
	15.54	18.59	0.41	0.96
	18.59	21.64	0.62	0.99
	21.64	24.68	0.56	1.02
	24.68	27.73	0.63	0.99
	27.73	30.78	0.74	1.00
	30.78	33.83	0.68	0.98
	33.83	36.88	0.35	0.98
	36.88	39.92	0.62	0.96
	39.92	42.97	0.48	0.95
	42.97	46.02	0.20	0.93
	46.02	49.07	0.45	1.01
	49.07	52.12	0.65	1.00
	52.12	55.16	0.74	1.00
	55.16	58.21	0.58	0.98
	58.21	61.26	0.56	1.00
	61.26	64.31	0.94	0.99
	64.31	67.36	0.31	0.79
	67.36	70.4	0.41	1.00
	70.4	73.45	0.19	0.99
	73.45	76.5	0.61	1.00
	76.5	79.55	0.43	1.00
	79.55	82.6	0.78	1.00
	82.6	85.64	0.51	0.99
	85.64	88.69	0.50	1.00
	88.69	91.74	0.70	0.93
	91.74	94.79	0.74	0.97
	94.79	97.84	0.10	0.99
	97.84	100.88	0.33	1.00
	100.88	103.93	0.65	1.00
	103.93	106.98	0.44	0.98
	106.98	110.03	0.88	1.02
	110.03	113.08	0.71	1.00
	113.08	116.12	0.75	1.01
	116.12	119.17	0.70	0.98
	119.17	122.22	0.87	0.99
	122.22	125.27	0.59	1.00
	125.27	128.32	0.74	0.99
	128.32	131.36	0.85	1.00
	131.36	134.41	0.65	1.00
	134.41	137.46	0.50	1.00
	137.46	140.51	0.50	0.97
	140.51	143.56	0.56	0.98
	143.56	146.6	0.49	1.00
	146.6	149.65	0.67	1.00
	149.65	152.7	0.52	0.98

HOLEID	FROM	TO	RQD	Recovery
04-929				
	11.29	14.93	0.00	0.41
	14.93	15.85	0.00	1.11
	15.85	18.9	0.06	0.62
	18.9	21.94	0.49	1.00
	21.94	24.91	0.43	1.01
	24.91	28.04	0.44	1.01
	28.04	31.09	0.69	0.97
	31.09	34.17	0.62	1.01
	34.17	37.18	0.51	0.99
	37.18	40.23	0.71	1.00
	40.23	42.26	0.82	1.50
	42.26	46.33	0.12	0.76
	46.33	49.38	0.47	0.98
	49.38	52.42	0.28	0.99
	52.42	55.47	0.41	1.29
	55.47	58.72	0.57	0.98
	58.72	60.65	0.37	1.07
	60.65	61.56	0.13	0.99
	61.56	64.61	0.25	0.96
	64.61	67.66	0.14	0.85
	67.66	70.71	0.25	0.92
	70.71	73.76	0.45	0.99
	73.76	76.8	0.25	1.00
	76.8	79.85	0.26	0.96
	79.85	82.9	0.25	0.90
	82.9	85.95	0.47	1.04
	85.95	89	0.70	0.99
	89	92.04	0.28	0.96
	92.04	95.09	0.42	1.00
	95.09	98.14	0.62	0.97
	98.14	101.19	0.52	0.97
	101.19	104.24	0.63	0.98
	104.24	107.28	0.64	0.99
	107.28	110.33	0.45	0.98
	110.33	113.38	0.51	1.05
	113.38	116.43	0.16	1.04
	116.43	119.48	0.38	0.95
	119.48	122.52	0.31	0.89
	122.52	125.57	0.39	0.95
	125.57	128.62	0.27	0.95
	128.62	131.67	0.52	0.95
	131.67	134.72	0.78	1.02
	134.72	137.76	0.45	1.03
	137.76	140.81	0.34	1.07
	140.81	143.86	0.28	0.98
	143.86	146.91	0.20	1.00
	146.91	149.96	0.03	0.97
	149.96	153	0.13	0.98

HOLEID	FROM	TO	RQD	Recovery
	153	156.05	0.19	1.00
	156.05	159.1	0.04	0.98
	159.1	162.15	0.04	0.87
	162.15	165.2	0.08	0.88
	165.2	168.24	0.39	0.92
	168.24	171.29	0.41	1.00
	171.29	174.34	0.34	0.95
	174.34	177.39	0.18	0.99
	177.39	179.83	0.49	1.14
	179.83	182.88	0.20	1.00
	182.88	185.92	0.23	1.02
	185.92	188.97	0.52	1.00
	188.97	192.02	0.18	0.99
	192.02	194.67	0.54	0.99
	194.67	197.81	0.29	0.97
	198.72	201.16	0.11	0.86
	201.16	204.21	0.32	0.98
	204.21	207.26	0.11	0.99
	207.26	210.31	0.33	1.05
	210.31	210.92	0.38	1.05
	210.92	213.96	0.45	1.04
	213.96	217.01	0.22	0.99
	217.01	220.06	0.46	1.03
	220.06	223.11	0.65	0.97
	223.11	226.16	0.34	0.96
	226.16	229.2	0.40	1.02
	229.2	232.25	0.45	1.03
	232.25	235.3	0.47	1.02
	235.3	238.35	0.44	1.05
	238.35	241.4	0.38	1.05
	241.4	244.44	0.12	0.96
	244.44	244.9	0.00	0.87

HOLEID	FROM	TO	RQD	Recovery
04-930				
	13.41	15.54	0.65	1.44
	15.54	18.59	0.53	0.94
	18.59	21.64	0.42	1.14
	21.64	24.68	0.25	1.07
	24.68	27.73	0.10	1.08
	27.73	30.78	0.10	1.12
	30.78	33.83	0.25	1.08
	33.83	36.88	0.59	1.02
	36.88	39.92	0.44	1.02
	39.92	42.97	0.40	0.98
	42.97	45.72	0.48	1.18
	45.72	49.07	0.24	1.07
	49.07	52.12	0.57	1.03
	52.12	55.16	0.21	1.08
	55.16	58.21	0.21	1.11
	58.21	61.26	0.36	1.13
	61.26	64.31	0.40	1.00
	64.31	67.36	0.22	0.93
	67.36	70.4	0.36	1.08
	70.4	73.45	0.35	1.02
	73.45	76.5	0.09	1.12
	76.5	79.55	0.43	1.07
	79.55	81.99	0.44	1.15
	81.99	85.03	0.66	0.95
	85.03	88.08	0.28	1.03
	137.46	140.51	0.78	0.99
	140.51	143.56	0.77	0.98
	143.56	146.6	0.63	1.06
	146.6	149.04	0.54	0.93
	149.04	152.09	0.45	1.01
	152.09	155.44	0.44	0.97
	155.44	158.49	0.66	0.98
	158.49	161.54	0.35	1.01
	161.54	164.59	0.36	1.03
	164.59	167.64	0.67	0.98
	167.64	170.07	0.30	1.01
	170.07	172.82	0.62	0.87
	172.82	174.04	0.63	1.44
	174.04	177.08	0.40	0.98
	177.08	180.13	0.59	0.98
	180.13	183.18	0.75	1.00
	183.18	186.23	0.52	0.97
	186.23	189.28	0.32	0.98
	189.28	192.32	0.36	1.04
	192.32	195.37	0.57	1.02
	195.37	198.42	0.45	0.99
	198.42	201.47	0.50	1.02
	201.47	202.99	0.61	1.34

HOLEID	FROM	TO	RQD	Recovery
04-931				
	10.97	13.1	0.14	0.98
	13.1	16.15	0.16	1.00
	16.15	19.2	0.35	0.92
	19.2	22.25	0.62	0.99
	22.25	25.29	0.15	0.94
	25.29	28.34	0.21	1.00
	28.34	31.39	0.55	1.00
	31.39	34.44	0.43	1.01
	34.44	37.49	0.67	0.99
	37.49	40.53	0.76	1.02
	40.53	43.58	0.62	0.99
	43.58	46.63	0.56	0.96
	46.63	49.38	0.73	1.07
	49.38	52.42	0.88	0.98
	52.42	56.47	0.63	0.76
	56.47	58.82	0.94	1.06
	58.82	61.89	0.52	1.00
	61.89	64.42	0.75	1.16
	64.42	67.97	0.33	0.79
	67.97	74.07	0.67	0.96
	74.07	77.11	0.37	0.90
	77.11	80.16	0.30	0.95
	80.16	83.21	0.47	1.01
	83.21	86.25	0.57	0.98
	86.25	89.31	0.48	1.11
	89.31	92.35	0.37	0.99
	92.35	95.4	0.48	0.96
	95.4	96.31	0.71	1.88
	96.31	98.45	0.41	0.82
	98.45	100.89	0.31	0.98

HOLEID	FROM	TO	RQD	Recovery
04-932				
	14.63	15.54	0.18	1.86
	15.54	18.59	0.28	1.00
	18.59	21.64	0.58	0.96
	21.64	24.88	0.22	0.83
	24.88	27.73	0.05	1.04
	27.73	30.78	0.21	0.94
	30.78	33.83	0.41	0.94
	33.83	36.88	0.29	0.98
	36.88	39.92	0.15	0.90
	39.92	42.97	0.36	1.00
	42.97	46.02	0.00	0.94
	46.02	49.07	0.00	0.90
	49.07	52.12	0.09	0.83
	52.12	55.16	0.19	0.99
	55.16	58.21	0.04	0.82
	58.21	61.26	0.08	0.98
	61.26	64.31	0.03	0.98
	64.31	67.36	0.11	1.00
	67.36	70.4	0.14	1.00
	70.4	73.45	0.10	1.01
	73.45	76.5	0.04	0.94
	76.5	79.55	0.00	1.00
	79.55	82.6	0.17	1.02
	82.6	85.64	0.29	0.97
	85.64	88.69	0.28	0.93
	88.69	91.74	0.13	0.90
	91.74	94.79	0.03	0.96
	94.79	97.84	0.00	1.00
	97.84	98.45	0.20	1.67
	98.45	100.88	0.15	0.82
	100.88	103.93	0.70	1.00
	103.93	106.98	0.21	0.98
	106.98	110.03	0.37	0.89
	110.03	113.08	0.36	0.99
	113.08	116.12	0.34	1.02
	116.12	119.17	0.43	0.95
	119.17	122.22	0.23	1.00
	122.22	125.27	0.27	0.97
	125.27	128.32	0.38	0.95
	128.32	131.36	0.44	0.95
	131.36	134.47	0.47	0.90
	134.47	137.46	0.81	1.01
	137.46	140.51	0.87	0.95
	140.51	143.56	0.84	1.00
	143.56	145.99	0.84	0.98
	145.99	149.04	0.80	1.00
	149.04	152.2	0.46	1.02
	152.2	155.44	0.17	0.89

HOLEID	FROM	TO	RQD	Recovery
	155.44	158.8	0.24	0.96
	158.8	161.6	0.65	0.99
	161.6	164.89	0.65	0.96

HOLEID	FROM	TO	RQD	Recovery
04-933				
	4.26	7.31	0.00	0.28
	7.31	12.8	0.00	0.13
	12.8	16.45	0.09	0.91
	16.45	19.5	0.04	0.98
	19.5	22.55	0.09	0.98
	22.55	25.6	0.11	0.98
	25.6	28.65	0.07	0.98
	28.65	31.69	0.00	0.99
	31.69	34.74	0.00	1.01
	34.74	40.89	0.52	0.97
	40.89	43.89	0.17	0.99
	43.89	46.93	0.41	0.98
	46.93	49.98	0.40	0.99
	49.98	56.08	0.74	0.98
	56.08	59.13	0.83	0.98
	59.13	62.17	0.46	1.00