Assessment Report

Induced Polarization Survey
and
Diamond Drilling

at

Endako Mine
Omineca Mining Division

N.T.S. 93K/3E
Latitude 54° 02' N
Longitude 125° 07' W

Owner/Operator:
Thompson Creek Mining Ltd.
Endako Mines
Bag 4001
Fraser Lake, B.C. V0J 1S0

Christopher J. Wild, P.Eng.
Consulting Geological Engineer
Wildrock Resources Consulting & Drafting

Ian Thompson, P.Eng.
Senior Mine Engineer
Endako Mines

April 23, 2004

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1.0 Summary

The Endako porphyry molybdenite deposit is located 160 kilometres west of Prince George in central British Columbia. The property consists of 374 claims totalling 424 units, covering 7741 hectares, including 25 mineral leases. The claims are 75% owned by Thompson Creek Mining Ltd. and 25% by Nissho Iwai Corporation. The Endako Mine consists of three different open pits: the Endako, Denak East, and Denak West, with a total proven and probable reserve of 84,400,000 tonnes grading 0.064% molybdenum as of October 1, 2002, and is currently operating at a rate of approximately 28,000 tonnes per day.

The composite Endako batholith stretches from Burns Lake southeast to the Nechako River and is divided into three distinct magmatic suites, covering a time period from 220 to 145 million years ago, with several noted periods of quiescence. The Endako molybdenite deposit is hosted within the Endako Quartz Monzonite, bound by younger Casey Alaskite (monzogranite) and Francois Granite to the north and south, respectively. In the mine area, Endako Quartz Monzonite has been intruded by pre-ore aplite, andesite, quartz-feldspar porphyry and porphyritic granite dykes and post-ore basaltic dykes.

Exploration on the Endako Mine Property resumed in October 2003 with the completion of 12,200 feet of Induced Polarization geophysics over three more or less parallel lines, using a pole-dipole array with a 200 foot spacing at "n" separations of 1 to 4. A subtle chargeability high was then tested with a fence of 3 NQ diamond drill holes, totalling 1580 feet, some 3000 feet east of the Endako Pit. At the same time, a gap in drill coverage was noted under the north wall of the Denak East Pit. Three holes totalling 1000 feet were completed to test the economic viability of expanding that portion of the pit. Results from the Denak holes were somewhat disappointing, although near-economic grades were encountered in all three holes. At the Endako East site, strongly anomalous to near-economic grades were encountered in 2 of the 3 holes.

2.0 Introduction

2.1 Terms of Reference

The principal author was contracted by Thompson Creek Mining Ltd. to assist in the design and implementation of an exploration program targeting east of the Endako Pit and on the northeast margin of the Denak Pit. This report describes the results of a modest Induced Polarization survey east of the Endako Pit, and 2,580 feet (786.38 metres) of diamond drilling in 6 holes completed between January 6 and 15, 2004, and fulfills reporting requirements for assessment work on the mineral claims listed in Appendix 3. The authors selected all drill sites, supervised drilling, and are jointly responsible for all geological interpretations described in this report. Christopher J. Wild, P.Eng. and Daryl Hanson, P.Eng. logged all the core and supervised core sampling.

2.2 Property Description and Location

The Endako porphyry molybdenite deposit is located 160 kilometres west of Prince George in central British Columbia (Figure 1). The centre of the property sits at 54^0 02'N and 125^0 07'W, or 5990212mN and 362020mE, UTM Zone 10, NAD 83.

The property consists of 374 claims covering 7741 hectares, including 25 mineral leases (Figure 2). Appendix I contains information on each individual claim. The claims are 75% owned by Thompson Creek Mining Ltd and 25% by Nissho Iwai Corporation.

The Endako Mine consists of three different open pits: the Endako, Denak East, and Denak West, with a total proven and probable reserve of 84,400,000 tonnes grading 0.064% molybdenum as of October 1, 2002 (Schroeter, 2003), and is currently operating at a rate of approximately 28,000 tonnes per day. Most of that reserve is in the Endako Pit. Figure 2 shows the location of pits and tailings ponds relative to the property outline.

2.3 Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Endako Mine Property lies within the Interior Plateau, characterized by broad valleys, flat-topped hills, and generally gently rolling terrain. Glaciation moved across the area from the west leaving a distinct east-west grain. Elevations range from 670 metres at Endako village to 1,070 metres at the crest of the Endako Pit. Vegetation consists of relatively open pine forests.

Access to the mine is provided by 10 kilometres of paved road Highway 16, from the village of Endako, northeast of the mine. A network of mine roads provides excellent access to most parts of the property. Prince George, the largest service centre in northern British Columbia, is 160 kilometres east along Highway 16. Fraser Lake, 20 kilometres to the northeast, is the nearest significant community to the mine.

2.4 Property History

The Endako deposit was discovered in 1927 by local prospectors and explored with a short shaft and tunnel. The leached nature of the mineralization, extensive overburden, low grades, and lack of precious metals led to the claims being dropped in 1958. In 1962, R and P Metals Corporation acquired the property and after encouraging diamond drilling results incorporated Endako Mines Ltd. Further diamond drilling and bulk sampling led to a positive production decision in 1964 and official mine opening on June 8, 1965. Production was expanded from 9,070 tonnes per day to 24,500 tpd in 1967, 27,000 tpd by 1980, and 30,000 tpd in 1993.

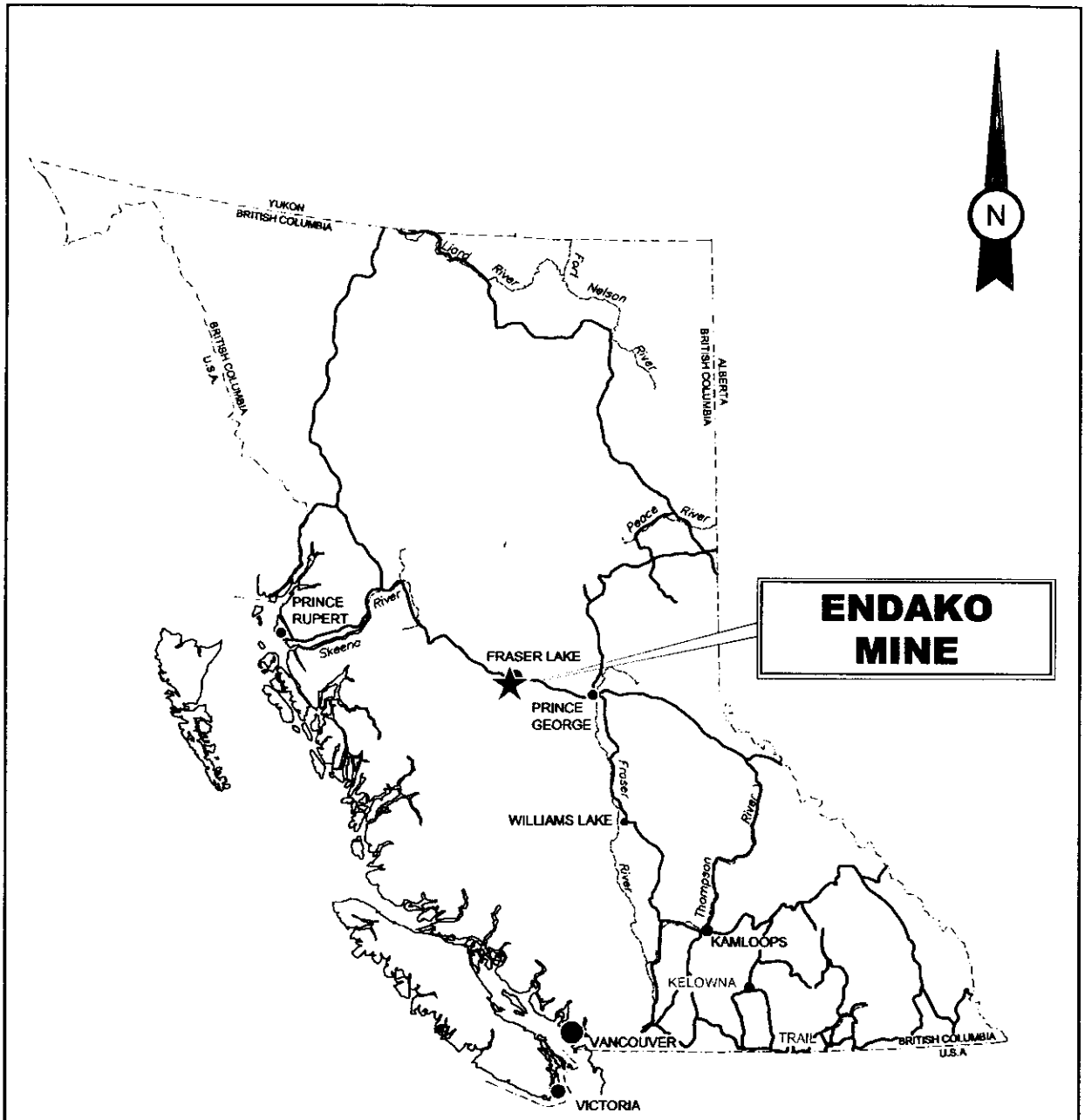
Exploration has been ongoing from the mid-sixties to the present, including geochemical sampling, diamond and percussion drilling. Recent work included 14 diamond drill holes in 1989, 22 more in 1992, 44 in 1993, and 19 in 1994. Placer Dome Inc. conducted all these programs. In 1997, Endako was sold to Thompson Creek Mining Ltd. (75%) and Nissho Iwai Moly Resources Inc. (25%). A modest drill program and geophysical survey were carried out in 1997.

In 2001, 5 diamond drill holes totaling 772.7 metres were completed on two target areas (Wild and Thompson, 2002). Three holes were completed in the Water Tank Area to the northeast, and 2 more in the SE Dump Area to the southeast. All core was logged, split for sampling, and assayed for MoS_2 at the Endako Mine Laboratory.

During the first half of 2002, 14 diamond drill holes totaling 5,166 feet or 1,574.6 metres were completed along the South Wall and bottom of the Endako Pit (Wild and Thompson, 2003). The first 3 holes, S-02-01 to 03, were completed in January 2002, and tested the continuity and grade of molybdenite mineralization below the current pit bottom. In March, S-02-04 and 05 tested a significant zone of uncertain grade in the south wall with the aim of enhancing the economics the proposed South Wall Pushback. Finally, between April 23 and May 3, 2002, a series of 9 holes were completed from west to east along the current pit bottom at the south wall, again to determine grade and continuity of mineralization and assess the project economics. As part of this third phase program, all the core was sampled for metallurgical testing.

2.5 2003-04 Program

Exploration on the Endako Mine Property resumed in October 2003 with the completion of 12,200 feet of Induced Polarization geophysics over three more or less parallel lines, using a pole-dipole array with a 200 foot spacing at "n" separations of 1 to 4. A subtle chargeability high was then tested with a fence of 3 NQ diamond drill holes, totalling 1580 feet, some 3000 feet east of the Endako Pit. At the same time, a gap in drill coverage was noted under the north wall of the Denak East Pit. Three holes totalling 1000 feet were completed to test the economic viability of expanding that portion of the pit. Results from the Denak holes were somewhat disappointing, although near-economic grades were encountered in all three holes. At the Endako East site, strongly anomalous to near-economic grades were encountered in 2 of the 3 holes.



THOMPSON CREEK MINING LIMITED

ENDAKO MINES

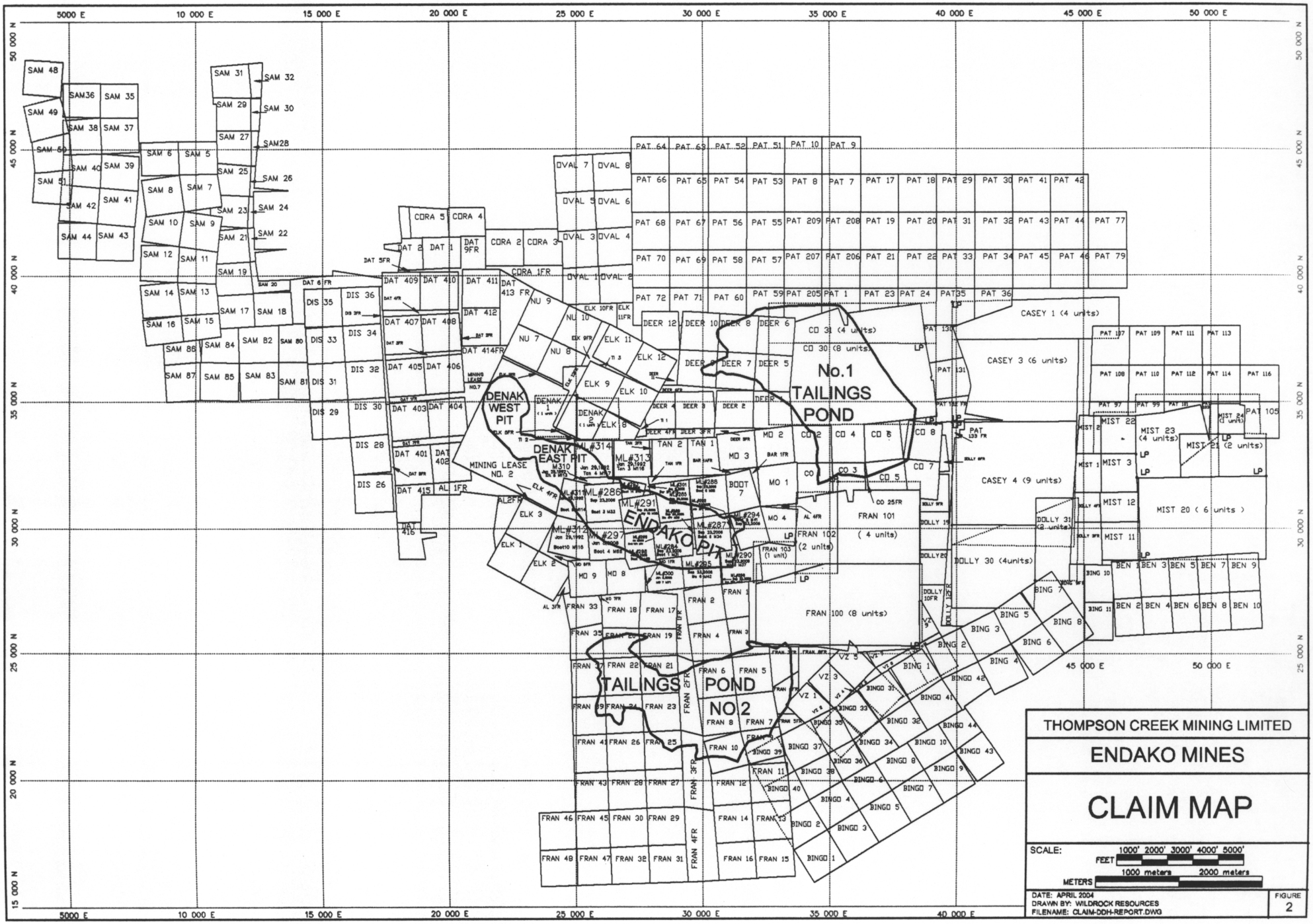
PROPERTY LOCATION MAP

SCALE:

0 100 200 300 400 500 km

DATE: APRIL 2004
DRAWN BY: WILDROCK RESOURCES
FILENAME: LOCATION-ENDAKO.DWG

FIGURE 1


5000 E
10 000 E
15 000 E
20 000 E
25 000 E
30 000 E
35 000 E
40 000 E
45 000 E
50 000 E
50 000 N
45 000 N
40 000 N
35 000 N
30 000 N
25 000 N
20 000 N
15 000 N
DENAK WEST PIT
DENAK EAST PIT
MINING LEASE NO. 2
ENDAKO PIT
No.1 TAILINGS POND
TAILINGS POND NO 2
CASEY 1 (4 units)
CASEY 3 (6 units)
CASEY 4 (9 units)
FRAN 100 (8 units)
FRAN 101 (4 units)
FRAN 102 (2 units)
FRAN 103 (1 unit)
DOLLY 30 (4units)
MIST 20 (6 units)
THOMPSON CREEK MINING LIMITED
ENDAKO MINES
CLAIM MAP
SCALE:
FEET 1000' 2000' 3000' 4000' 5000'
METERS 1000 meters 2000 meters
DATE: APRIL 2004
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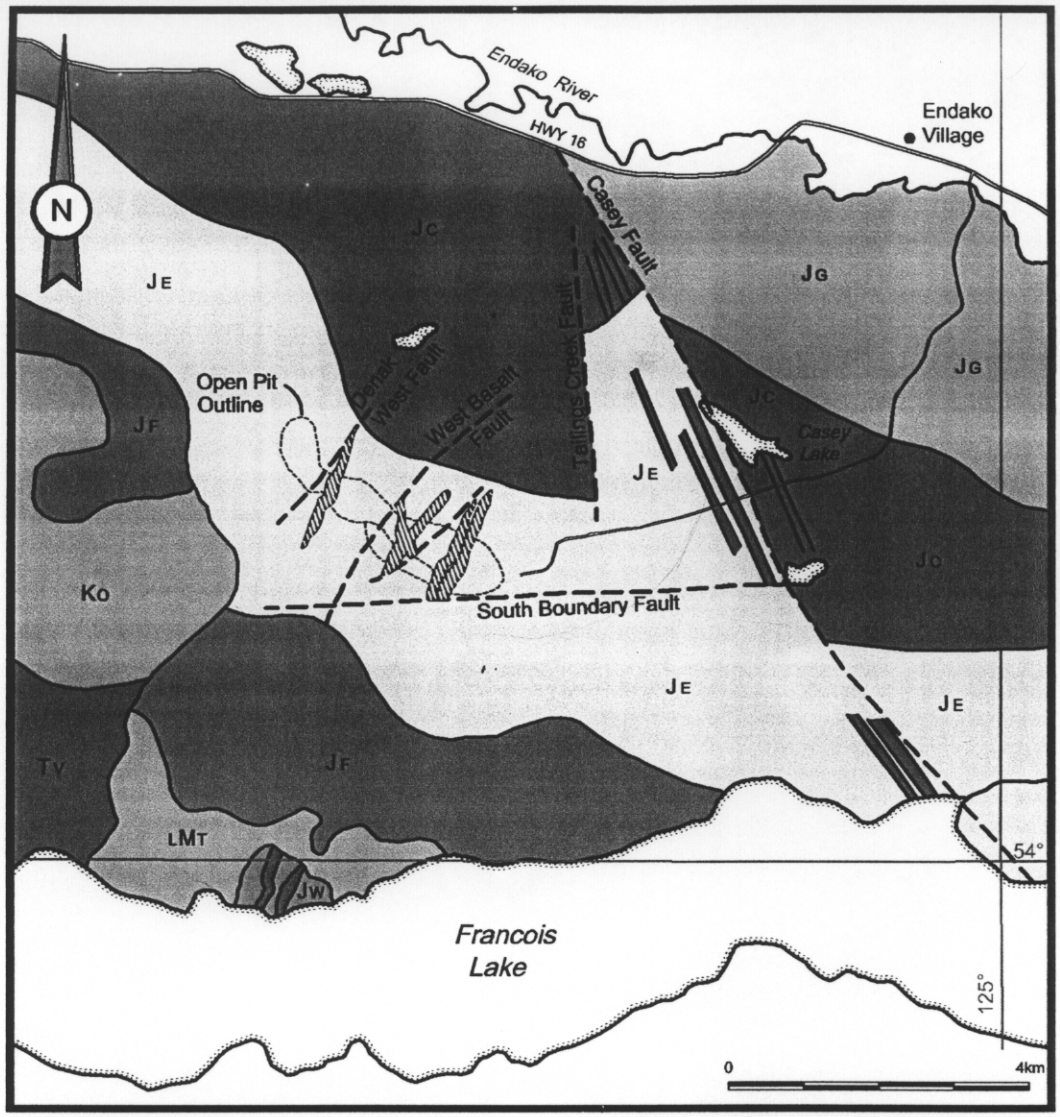
FILENAME: CLAIM-DDH-REPORT.DWG
FIGURE 2



Young Volcanic Rocks

- TV — Tertiary Endako Group
- Ko — Upper Cretaceous - Lower Tertiary Ootsa Lake Group

Upper Jurassic Topley Intrusions

- JC — Casey Alaskite
- JF — Francois Granite
- JG — Glenannan Granite
- JE — Endako Quartz Monzonite
- JW — Wheeler Quartz Monzonite

Lower Mesozoic Volcanic Rocks

- LMT — Takla Group

Dyke Rocks

- Related Pre-Ore Dykes
- Unrelated Dykes

Symbols

- Fault
- Lithologic Contact

THOMPSON CREEK MINING LIMITED

ENDAKO MINE

REGIONAL GEOLOGY

Figure 3

SOURCE: Porphyry Molybdenum Deposits of the Calc-Alkalic Suite - Paper 44; ENDAKO, By E.T. Kimura, G.D. Bysouth, A.D. Drummond

3.0 Geological Setting

3.1 Regional Geology

The composite Endako batholith stretches from Burns Lake southeast to the Nechako River and is divided into three distinct magmatic suites, covering a time period from 220 to 145 million years ago, with several noted periods of quiescence. The oldest, the Stern Creek Suite, recently dated at 219.3 Ma (Villeneuve et al, 2001), consists of foliated gabbros and diorites within the northern and eastern part of the batholith. The Stag Lake Suite consists of mafic to intermediate plutons ranging in age from 180 – 161 Ma and forms the western, northeastern and eastern margins of the Endako batholith. The Francois Lake Suite is divided into the older Glenannan subsuite (157 – 155 Ma) and the Endako subsuite (149 – 145 Ma), and consists of mainly felsic plutons. The Endako orebody is hosted in the Endako phase quartz monzonite and is genetically associated with the terminal stages of magmatic activity, the Casey monzogranite, dated at 145 Ma. (Villeneuve et al, 2001).

3.2 Property Geology

The Endako molybdenite deposit is hosted within the Endako Quartz Monzonite, bound by younger Casey Alaskite (monzogranite) and Francois Granite to the north and south, respectively. In the mine area, Endako Quartz Monzonite has been intruded by pre-ore aplite, andesite, quartz-feldspar porphyry and porphyritic granite dykes and post-ore basaltic dykes.

The deposit is aligned to the northwest with a maximum length of 3360 metres, a width of 370 metres and a maximum depth of 370 metres. Four structurally distinct zones have been identified from east to west, as Endako East, Endako West, Denak East, and Denak West (Bysouth and Wong, 1996). Five major fault trends have also been identified: the South Boundary Fault to the south, the Casey Fault further to the northeast, the north-trending Tailings Creek Fault also to the northeast, and West Basalt Fault at the west end of the Endako Pit and the Denak West Fault between the Denak East and Denak West Pits (Figure 3).

3.2.1 Lithology

Endako Quartz Monzonite

Pink to orange-pink Endako Quartz Monzonite is the dominant rock type encountered in diamond drilling in the Endako Pit. This phase is equigranular to weakly porphyritic with grain-size typically 3-4mm with K-feldspar crystals ranging up to 7mm. Its composition is typically 30% quartz, 35% K-feldspar, 30% plagioclase and 5-10% variably chloritized biotite. In the ore zone, the unit is variably kaolinized ranging in colour from pale greenish to creamy white.

Aplite Dykes

Aplites are typically pink and fine to medium-grained quartz-K-feldspar-rich dykes. These dykes range up to several metres thick, show sharp contacts with host rocks, and exhibit no chilled selvages. In the ore zone, aplite dykes are often mineralized with thin stockwork quartz-molybdenite veinlets. Above the South Basalt Fault, aplite often hosts quartz-pyrite stringers.

Basalt (Andesite) Dykes

Basaltic dykes are dark greenish grey, fine-grained and locally porphyritic in the Endako Pit, and often associated with major fault systems. The South Basalt Fault is the best exposed fault – basalt dyke structure, and was intersected in diamond drillholes S-02-04 and 05.

3.2.2 Structure

Pre-ore dykes associated with the Endako deposit strike to the northeast with vertical to steep westerly dips. These dykes have sharp contacts with little evidence of any deformation during intrusion. Post-ore basaltic dykes are marked by extensive gouge and brecciation, associated with major structures that likely predate ore deposition. The South Boundary Fault appears to a major controlling structure for both subsidiary structures and later hydrothermal activity (Bysouth and Wong, 1996).

As mentioned above, 4 structurally distinct zones have been identified from east to west: Endako East, Endako West, Denak East, and Denak West (Bysouth and Wong, 1996). These zones are separated by steep northeast-trending structures including the eastern pre-ore dyke swarm (between Endako East and West), West Basalt Fault, and Denak West Fault (Figure 3). The Endako East zone hosts veins that dip shallowly to the northwest. Endako West veins dip to the south; the South Basalt Fault appears to be a post-ore component of this south vein system (Bysouth and Wong, 1996). Ore structures in the Denak East dip southwesterly, turning abruptly to westerly dips in Denak West. Secondary controls include northeast trending structures with moderate southeast dips.

3.2.3 Mineralization and Alteration

Mineralization consists of molybdenite, pyrite, magnetite, minor chalcopyrite, and rare bornite, bismuthite, scheelite, and specularite. The orebody consists of a series of subparallel or en echelon quartz-molybdenite-pyrite veins and stockworks of thin veins, veinlets and mineralized fractures. Mineralization occurs in milky white to banded or ribboned quartz veins that are often brecciated and healed by quartz and late stage calcite and minor chalcedony. Molybdenite varies in grain size from very coarse and greasy to microscopic grains in quartz, referred to as "black quartz ore". A pyrite zone lies to the south of and adjacent to the orebody, with a transitional boundary in the immediate hangingwall of the South Basalt Fault.

Hydrothermal alteration occurs in three phases within the Endako ore zone. K-feldspar bearing envelopes develop around quartz-molybdenite veins and on barren quartz veins in the footwall of the deposit. Sericite envelopes consisting of quartz, sericite and pyrite are developed around quartz-molybdenite and quartz-magnetite veinlets in the orebody, and quartz-pyrite veins in the pyrite zone. Kaolinization is pervasive throughout the orebody, ranging from weak to intense.

4.0 Induced Polarization Survey

Exploration on the Endako Mine Property resumed in October 2003 with the completion of 12,200 feet of Induced Polarization geophysics over three more or less parallel lines, using a pole-dipole array with a 200 foot spacing at "n" separations of 1 to 4. A subtle chargeability high was then tested with a fence of 3 NQ diamond drill holes some 2500 feet east of the Endako Pit.

A brief description of the survey coverage, procedure, personnel and instrumentation are included in a Logistical Report submitted by Alan Scott of Scott Geophysics Ltd. Pseudo-sections showing chargeability and apparent resistivity of the 3 lines, 1E, 2E and 3E are included with the report. A plan map showing the location of the 3 lines relative to the mine in also included.

A weak chargeability high is observed at the south end of line 1E, coincident with low apparent resistivities. On line 2E, that weak chargeability high shows up between 1800 and 2000S. On line 3E, the same high can be observed around 2800S.

5.0 Diamond Drilling

A fence of 3 NQ diamond drill holes covered a subtle IP chargeability high some 3000 feet east of the Endako Pit. All three holes, S-04-01, S-04-05, and S-04-07 were drilled to 500 feet with 2 of the 3 at –45° dips and one at –57°, all toward 007 azimuth (see Table 1). DDH S-04-06 was drilled at –45° but was abandoned at 80 feet in glacial till. S-04-07 was drilled from the same site but at a steeper –57° dip. An additional 3 holes totalling 1000 feet, were completed to test the economic viability of the northeast side of the Denak East Pit.

All core samples from all 6 holes were split using a manual splitter with half the core put in plastic bags for delivery to the assay lab and the other half retained for future reference. Core is stored in the core storage area on site; pulps are stored in the core shack. Sample intervals were usually 10 feet in length, varying somewhat according to geology. All core samples were analyzed for MoS_2 at the on site assay lab. Analytical procedures are described in Appendix 7; assay reports are included in Appendix 8.

Table 1
2004 Diamond Drill Holes

Hole #	UTM Easting	UTM Northing	Elevation	Azimuth	Dip	Depth	Depth	Acid Test Depth	Acid Test Dip
	(metres)	(metres)	(feet)	(deg)	(deg)	(ft)	(m)	(ft)	(deg)
S-04-01	5989498	363417	3192	007	-45	500	152.40	250	-45
								500	-45
S-04-02	5990735	360263	3152	007	-70	350	106.68	350	-70
S-04-03	5990711	360201	3126	n/a	-90	350	106.68	350	-90
S-04-04	5990732	360144	3104	007	-55	300	91.44	300	-55
S-04-05	5989616	363273	3130	007	-46	500	152.40	250	-46
								500	-46
S-04-06*				007	-45	80	24.38		
S-04-07	5989796	363380	3209	007	-57	500	152.40	250	-57
								500	-58
Total						**2580**	**786.38**		

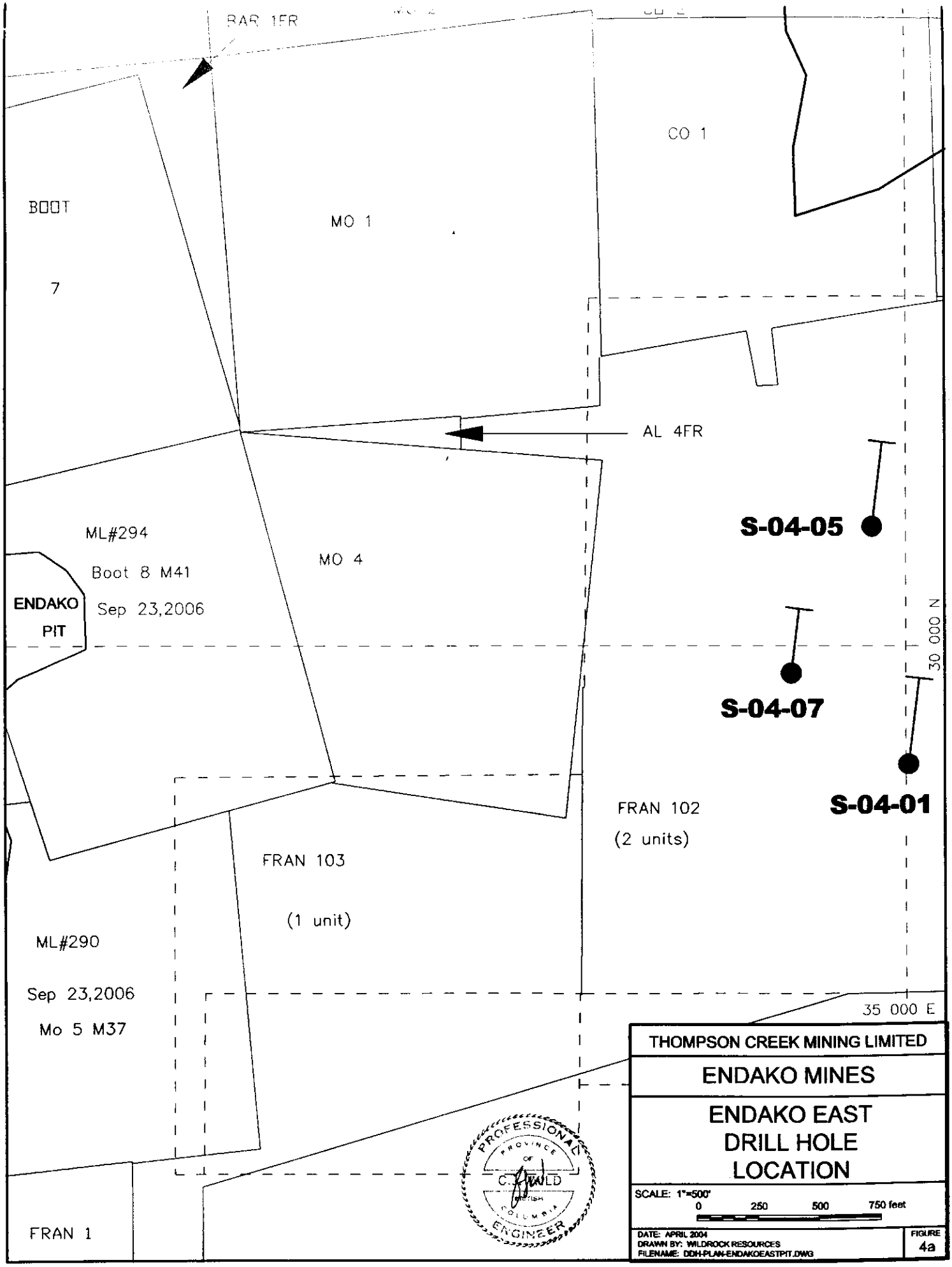
** abandoned*

5.1 Endako East

S-04-01 was collared on the southern flank of the weak chargeability high and drilled to the north at –45° to a depth of 500 feet. Relatively fresh Endako Quartz Monzonite cut by narrow mafic basalt dykes and felsic quartz-feldspar porphyry dykes, dominates the hole (see Figure 5, Appendix 5). Grades range from 0.001% to 0.096% MoS_2, generally increasing to depth. The sample running 0.096% MoS_2 sits between 400-410 feet downhole, suggesting that grades are improving with depth.

S-04-05 is located approximately 975 feet north of S-04-01 (Figure 4a), again oriented at –45° to 007 azimuth. Grades are strongly anomalous throughout with a 240 foot interval between 90-330 feet averaging 0.057% MoS_2 including 100 feet between 220-320 feet running 0.076% MoS_2 (Figure 9). Mineralization is hosted in quartz-MoS_2 veinlets sometimes with minor pyrite, occasional displaying K-feldspar envelopes. Again, the host rock is Endako Quartz Monzonite cut by rare thin aplitic quartz-feldspar porphyry dykelets.

S-04-06 was collared some 600 feet northwest of S-04-01, but was stopped in 80 feet of glacial till. S-04-07 was collared in the same location but steepened from –45° to –57°. The hole hosts strongly anomalous quartz-molybdenite veinlets, with a 160-foot interval between 190-350 feet returning a grade of 0.038% MoS_2 (Figure 10). Aplitic dykes are rare but increase in frequency at toward the bottom of the hole.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CO 1
BOOT
7
MO 1
AL 4FR
S-04-05
ML#294
Boot 8 M41
Sep 23,2006
ENDAKO
PIT
MO 4
30 000 N
S-04-07
S-04-01
FRAN 102
(2 units)
FRAN 103
(1 unit)
ML#290
Sep 23,2006
Mo 5 M37
35 000 E
FRAN 1
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
C. J. WALD
THOMPSON CREEK MINING LIMITED
ENDAKO MINES
ENDAKO EAST
DRILL HOLE
LOCATION
SCALE: 1"=500'
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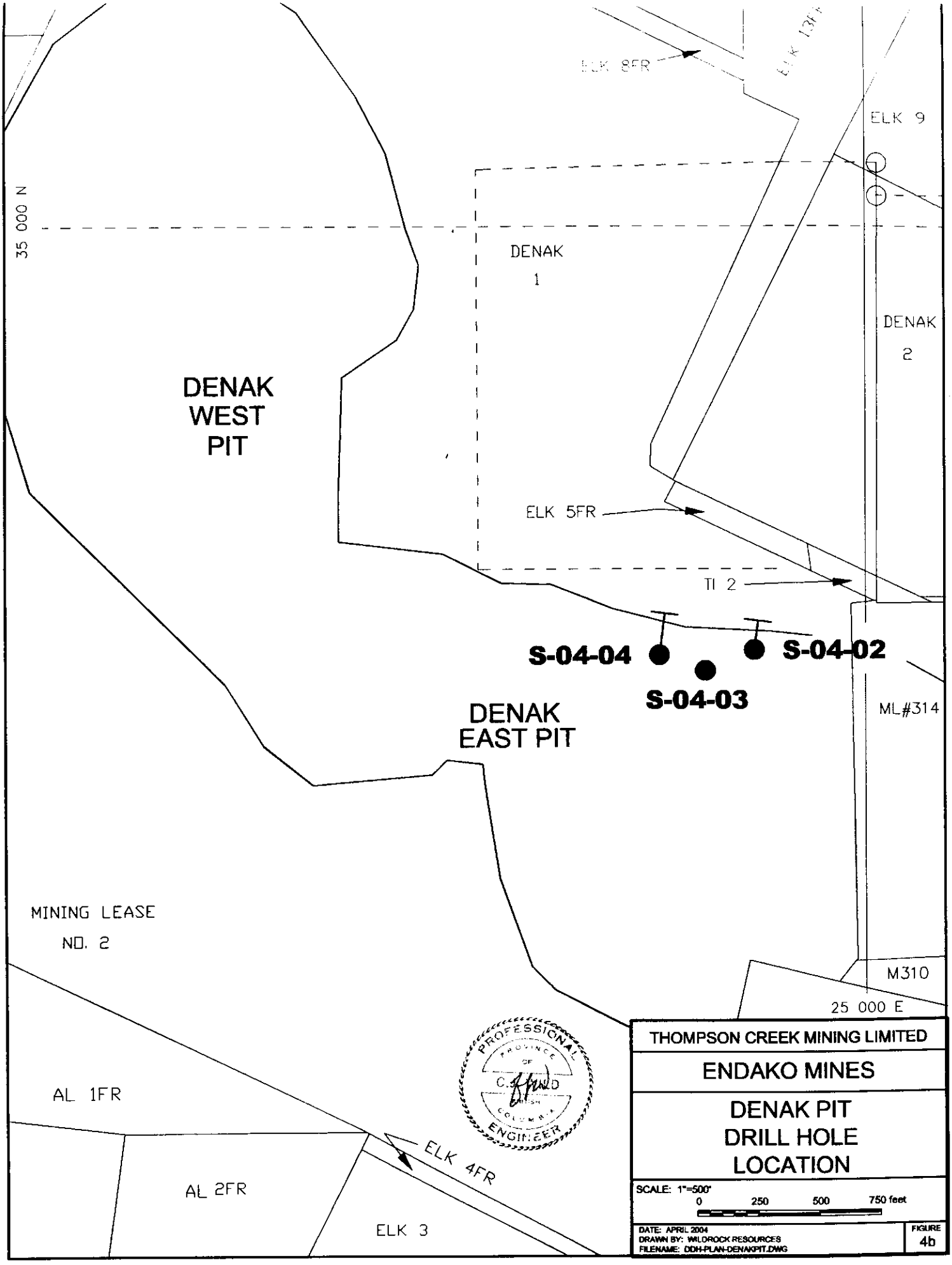
DATE: APRIL 2004
DRAWN BY: WILDROCK RESOURCES
FILENAME: DDH-PLAN-ENDAKOEASTPIT.DWG
FIGURE
4a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ELK 9
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1
DENAK
2
DENAK
WEST
PIT
ELK 5FR
TI 2
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S-04-02
S-04-03
DENAK
EAST PIT
ML#314
MINING LEASE
NO. 2
M310
25 000 E
AL 1FR
AL 2FR
ELK 4FR
ELK 3
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
C. J. WARD
THOMPSON CREEK MINING LIMITED
ENDAKO MINES
DENAK PIT
DRILL HOLE
LOCATION
SCALE: 1"=500'
0 250 500 750 feet
DATE: APRIL 2004
DRAWN BY: WILDROCK RESOURCES
FILENAME: DDH-PLAN-DENAKPIT.DWG
FIGURE
4b

5.2 Denak East

DDH S-04-02 was collared on the northeast access to the Denak Pit (Figure 4b) to test the idea that south-dipping mineralization is present in the north wall allowing for a relatively simple pushback of the wall to recover that ore. Unfortunately, while mineralization is quite evident between 60 – 190 feet downhole, grades only average 0.042% MoS_2 over the top 80 feet and 0.060% MoS_2 over the bottom 30 feet of that interval. Grades drop dramatically below 190 feet (Figure 6). Molybdenite occurs along narrow clay slips and as selvages to narrow quartz veinlets.

DDH S-04-03 stepped 225 feet further down the west-trending ramp from S-04-02, intersecting significant mineralization between 110 – 190 feet. The top 50 feet of that interval averaged 0.075% MoS_2 while the lower 20 feet assayed 0.041% MoS_2. Again, grades drop off sharply below 190 feet (Figure 7).

Mineralization is far more extensive in S-04-04, some 200 feet west of S-04-03. The interval from 10 – 260 feet averaged 0.049% MoS_2, including 80 feet of 0.073% MoS_2 (Figure 8). Given the apparent increase in grade from east to west, there is potential for economic mineralization in the north wall immediately west of S-04-04.

6.0 Conclusions and Recommendations

1. A program of 12,200 feet of Induced Polarization geophysics over three more or less parallel lines, using a pole-dipole array with a 200 foot spacing at "n" separations of 1 to 4 was completed 3000 feet east of the Endako Pit. A weak chargeability high is noted at the north and south ends of line 1E and the north to central sections of lines 2E and 3E.

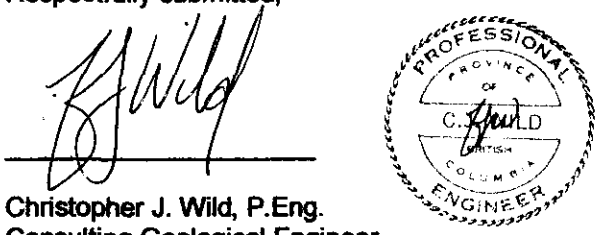
2. A diamond drill program consisting of 7 holes totalling 2,580 feet or 786.38 metres was completed in 2 zones: the Endako East Zone, 3000 feet east of the Endako Pit and the Denak East Pit. The Endako East holes form a fence along the northern trend of IP line 2E.

3. All drill core was split with half the core sent to the Endako assay lab for analysis of MoS_2 and the other half stored for future reference.

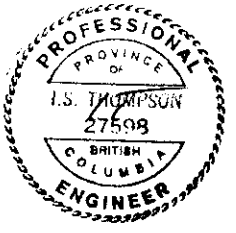
4. Near economic grades were intersected in S-04-05 and S-04-07, the two northernmost holes of the Endako East fence. In S-04-05, a 240-foot interval between 90-330 feet averaged 0.057% MoS_2 including 100 feet between 220-320 feet running 0.076% MoS_2. In S-04-07, a 160-foot interval between 190-350 feet averaged 0.038% MoS_2. Follow-up drilling is proposed immediately south of a line joining the northern extents of the 3 IP lines.

5. Of the 3 Denak holes, S-04-04 showed the most promise, returning grades of 0.073% MoS_2 over 80 feet, including two 10-foot samples running in excess of 0.1% MoS_2. S-04-03 shows a 50-foot interval of 0.075% MoS_2 and S-04-02 had a 30-foot interval of 0.06% MoS_2. These sub-economic grades limit the possibility of a pushback of the north wall of the Denak East Pit.

Respectfully submitted,



Christopher J. Wild, P.Eng.
Consulting Geological Engineer
April 23, 2004



Ian Thompson, P.Eng.
Senior Mine Engineer
April 23, 2004

7.0 References

Bysouth, G.D. and Buckley, P., (1977): Possible Ore Extensions to the Endako Orebody, Confidential Report, Canex Placer Inc., Endako Mines Division.

Bysouth, G.D. and Wong, G.Y., (1995): The Endako molybdenum mine, central British Columbia: An update, *in* Schroeter T., ed.; Porphyry deposits of the northwestern Cordillera of North America, Canadian Institute of Mining and Metallurgy Special Volume 46, pp 697-703.

Johnson; G.R. (2001); Claim Assessment Summary, Thompson Creek Mining Ltd., Internal Memorandum.

Kimura, E.T., Bysouth, G.D. and Drummond, A.D., (1976): Endako, *in* Sutherland-Brown, A., ed., Porphyry Deposits of the Canadian Cordillera, Canadian Institute of Mining and Metallurgy Special Volume 15, pp 444-454.

Schroeter, T. (2003): British Columbia 2002 Mineral Exploration Review, British Columbia Ministry of Energy and Mines Information Circular 2003-1, 24p.

Scott, A.. (2003): Logistical Report, Induced Polarization Survey, Endako Mine, Fraser Lake Area, B.C., Internal Report, 6p.

Villeneuve, M., Whalen J.B., Anderson, R.G., and Struik, L.C., (2001): The Endako Batholith: Episodic Plutonism Culminating in Formation of the Endako Porphyry Molybdenite Deposit, North-Central British Columbia; Economic Geology, v. 96, pp 171-196.

Wild, C.J. and Thompson, I., (2003): Diamond Drilling at the Endako Mine, Omineca Mining Division; British Columbia Ministry of Energy and Mines Assessment Report.

Wild, C.J. and Thompson, I., (2002): Diamond Drilling at the Endako Mine, Omineca Mining Division; British Columbia Ministry of Energy and Mines Assessment Report #26792, 73p.

Appendix 1
2003-04 Program Expenditures

GEOPHYSICS PROGRAM		October 13 - October 17, 2003		
Scott Geophysics Ltd.		IP Survey East Endako Zone	$ 6,768.78	
Subtotal			$ 6,768.78	
Overhead	@ 10%	10% of $ 6,768.78	$ 676.88	
Total				*$ 7,445.66*

EXPLORATION REVIEW		October 19 - November 9, 2003		
Wildrock		Consulting	$ 735.00	
Subtotal			$ 735.00	
Overhead	@ 10%	10% of $ 735.00	$ 73.50	
Total				*$ 808.50*

DDH PROGRAM		January 5 - January 19, 2003		
HY-TECH DRILLING Ltd		Drilling Supplies and Labour	$65,800.82	
Wildrock	Jan 5 - Jan 11, 2004	Consulting	$ 2,396.50	
Mine Expenses				
	Assay (@$5/10' interval)	*(Internal)*	$ 750.00	
	Core Splitter Instrument		$ 1,001.00	
	Labour	*(core splitter...)*	$ 1,500.00	
Subtotal			$71,448.32	
Overhead	@ 10%	10% of $ 71,448.32	$ 7,144.83	
Total				*$ 78,593.15*

Total Estimate of the Endako Mines 2003/4 Exploration Program	***$86,847.31***

Appendix 2
Statement of Qualifications

I, Christopher J. Wild, P.Eng., of Kamloops B.C., do hereby certify that:

1 I am a consulting geological engineer currently residing at 2416 Abbeyglen Way, Kamloops, British Columbia.

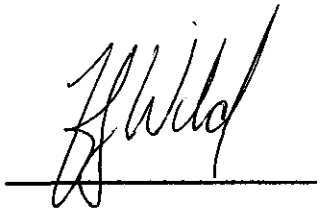
2 I am a graduate of the University of British Columbia, Geological Engineering, Mineral Exploration Option (1984).

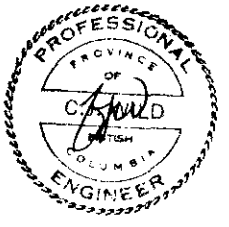
3 I have worked in mineral exploration and mine geology in Canada and Argentina on a full-time basis since 1985.

4 I am Registered Member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (1994), and am a member of the Canadian Institute of Mining and Metallurgy (CIM).

5 I helped plan and implement the exploration program described herein and logged approximately half of the core documented in this report.

6 I hold no interest in Thompson Creek Mining Ltd., nor Nissho Iwai Corp., nor their subsidiaries; or in the claims described herein or any adjoining properties.





Christopher J. Wild, P.Eng.
Consulting Geological Engineer

April 23, 2004

Appendix 2
Statement of Qualifications

I, Ian Thompson of Thompson Creek Mining, Endako Mines Division, Endako B.C., do hereby certify that:

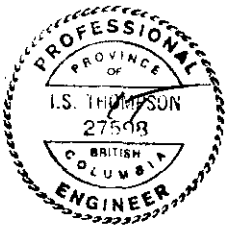
1. I am a mining engineer and currently hold the position of "Senior Mine Engineer" with Endako Mines.

2. I am a Registered Member of the Association of Professional Engineers and Geoscientists of British Columbia (2002), and am a member of the Canadian Institute of Mining and Metallurgy (CIM).

3. I am a graduate of the University of British Columbia with a B.A.Sc. in Mining and Mineral Processing in 1989.

4. From 1989 until present, I have been engaged in both underground and open pit operations in Manitoba and British Columbia in both engineering and operations capacities.

5. I personally participated in the planning and supervision of the diamond drill program.



Ian Thompson, P.Eng.
Senior Mine Engineer

April 23, 2004

Appendix 3
Tenure Information

Tenure #	Claim Name	FMC #	% Ownership	Map #	Status as Jan 21, 2004	# of Units	Tag Number
243450		140102	100	093K03E	Good Standing 2004.09.06	36.92 ha	
243457		140102	100	093K03E	Good Standing 2004.09.23	19.55 ha	
243458		140102	100	093K03E	Good Standing 2004.09.23	18.52 ha	
243459		140102	100	093K03E	Good Standing 2004.09.23	19.75 ha	
243460		140102	100	093K03E	Good Standing 2004.09.23	20.9 ha	
243461		140102	100	093K03E	Good Standing 2004.09.23	20.81 ha	
243462		140102	100	093K03E	Good Standing 2004.09.23	0.73 ha	
243463		140102	100	093K03E	Good Standing 2004.09.23	18.19 ha	
243464		140102	100	093K03E	Good Standing 2004.09.23	18.84 ha	
243465		140102	100	093K03E	Good Standing 2004.09.23	2.05 ha	
243466		140102	100	093K03E	Good Standing 2004.09.23	7.12 ha	
243467		140102	100	093K03E	Good Standing 2004.09.23	16.78 ha	
243468		140102	100	093K03E	Good Standing 2004.09.23	17.26 ha	
243469		140102	100	093K03E	Good Standing 2004.09.23	0.2 ha	
243470		140102	100	093K03E	Good Standing 2005.01.05	20.19 ha	
243471		140102	100	093K03E	Good Standing 2005.01.05	16.25 ha	
243472		140102	100	093K03E	Good Standing 2005.01.05	0.09 ha	
243473		140102	100	093K03E	Good Standing 2005.01.05	16.3 ha	
243474		140102	100	093K03E	Good Standing 2005.01.05	2.06 ha	
237863	CASEY 1	140102	100	093K03E	Good Standing 2005.01.21	4 un	1224
237872	MIST 20	140102	100	093K03E	Good Standing 2005.01.21	6 un	1223
237873	MIST 21	140102	100	093K03E	Good Standing 2005.01.21	2 un	1222
238161	FRAN 102	140102	100	093K03E	Good Standing 2005.01.21	2 un	41675
238162	FRAN 103	140102	100	093K03E	Good Standing 2005.01.21	1 un	41674
243570	MO NO. 1	140102	100	093K03E	Good Standing 2005.01.21	1 un	269501
243571	MO NO. 2	140102	100	093K03E	Good Standing 2005.01.21	1 un	269502
243572	MO NO. 3	140102	100	093K03E	Good Standing 2005.01.21	1 un	269503
243573	MO NO. 4	140102	100	093K03E	Good Standing 2005.01.21	1 un	269504
243574	MO NO. 8	140102	100	093K03E	Good Standing 2005.01.21	1 un	269508
243576	TAN NO.1	140102	100	093K03E	Good Standing 2005.01.21	1 un	269575
243577	TAN NO.2	140102	100	093K03E	Good Standing 2005.01.21	1 un	269576
243592	BAR 1 FR.	140102	100	093K03E	Good Standing 2005.01.21	1 un	438837
243703	DEER #2	140102	100	093K03E	Good Standing 2005.01.21	1 un	454778
243704	DEER #5	140102	100	093K03E	Good Standing 2005.01.21	1 un	434781
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243706	DEER #7	140102	100	093K03E	Good Standing 2005.01.21	1 un	434783
243707	DEER #8	140102	100	093K03E	Good Standing 2005.01.21	1 un	434784
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243712	DEER #11	140102	100	093K03E	Good Standing 2005.01.21	1 un	434787
243713	DEER #12	140102	100	093K03E	Good Standing 2005.01.21	1 un	434788
243714	PAT #1	140102	100	093K03E	Good Standing 2005.01.21	1 un	396231
243720	PAT #7	140102	100	093K03E	Good Standing 2005.01.21	1 un	396237
243721	PAT #8	140102	100	093K03E	Good Standing 2005.01.21	1 un	396238
243722	PAT #9	140102	100	093K03E	Good Standing 2005.01.21	1 un	396239
243723	PAT #10	140102	100	093K03E	Good Standing 2005.01.21	1 un	396240
243724	PAT #17	140102	100	093K03E	Good Standing 2005.01.21	1 un	396247
243725	PAT #18	140102	100	093K03E	Good Standing 2005.01.21	1 un	396248
243726	PAT #19	140102	100	093K03E	Good Standing 2005.01.21	1 un	396249
243727	PAT #20	140102	100	093K03E	Good Standing 2005.01.21	1 un	396250
243728	PAT #21	140102	100	093K03E	Good Standing 2005.01.21	1 un	396251
243729	PAT #22	140102	100	093K03E	Good Standing 2005.01.21	1 un	396252
243730	PAT #23	140102	100	093K03E	Good Standing 2005.01.21	1 un	396253
243731	PAT #24	140102	100	093K03E	Good Standing 2005.01.21	1 un	396254
243732	PAT #29	140102	100	093K03E	Good Standing 2005.01.21	1 un	396259
243733	PAT #30	140102	100	093K03E	Good Standing 2005.01.21	1 un	396260
243734	PAT #31	140102	100	093K03E	Good Standing 2005.01.21	1 un	396261
243735	PAT #32	140102	100	093K03E	Good Standing 2005.01.21	1 un	396262
243736	PAT #33	140102	100	093K03E	Good Standing 2005.01.21	1 un	396263
243737	PAT #34	140102	100	093K03E	Good Standing 2005.01.21	1 un	396264
243738	PAT #35	140102	100	093K03E	Good Standing 2005.01.21	1 un	396265
243739	PAT #36	140102	100	093K03E	Good Standing 2005.01.21	1 un	396266
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243741	PAT #42	140102	100	093K03E	Good Standing 2005.01.21	1 un	396272
243742	PAT #43	140102	100	093K03E	Good Standing 2005.01.21	1 un	396273
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243759	PAT #66	140102	100	093K03E	Good Standing 2005.01.21	1 un	396296
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243771	DIS #32	140102	100	093K03E	Good Standing 2005.01.21	1 un	436135
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244049	FRAN #4 FR.	140102	100	093K03E	Good Standing 2005.01.21	1 un	479522
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244176	DEER 6 FR.	140102	100	093K03E	Good Standing 2005.01.21	1 un	617619M
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244256	PAT 131	140102	100	093K03E	Good Standing 2005.01.21	1 un	732370
244257	PAT 132 FR.	140102	100	093K03E	Good Standing 2005.01.21	1 un	732371
244258	PAT 133 FR.	140102	100	093K03E	Good Standing 2005.01.21	1 un	732372
244665	VZ 2	140102	100	093K03E	Good Standing 2005.01.21	1 un	970122
244667	VZ 4	140102	100	093K03E	Good Standing 2005.01.21	1 un	970124
244672	VZ 9	140102	100	093K03E	Good Standing 2005.01.21	1 un	970129
244673	VZ 10	140102	100	093K03E	Good Standing 2005.01.21	1 un	970130
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244740	OVAL 4	140102	100	093K03E	Good Standing 2005.01.21	1 un	879854
244741	OVAL 5	140102	100	093K03E	Good Standing 2005.01.21	1 un	879855
244742	OVAL 6	140102	100	093K03E	Good Standing 2005.01.21	1 un	879856
244743	OVAL 7	140102	100	093K03E	Good Standing 2005.01.21	1 un	879857
244744	OVAL 8	140102	100	093K03E	Good Standing 2005.01.21	1 un	879858
244759	SAM 5	140102	100	093K03E	Good Standing 2005.01.21	1 un	863055
244760	SAM 6	140102	100	093K03E	Good Standing 2005.01.21	1 un	863056
244761	SAM 7	140102	100	093K03E	Good Standing 2005.01.21	1 un	863057
244762	SAM 8	140102	100	093K03E	Good Standing 2005.01.21	1 un	863058
244763	SAM 9	140102	100	093K03E	Good Standing 2005.01.21	1 un	863059
244764	SAM 10	140102	100	093K03E	Good Standing 2005.01.21	1 un	863060
244765	SAM 11	140102	100	093K03E	Good Standing 2005.01.21	1 un	863061
244766	SAM 12	140102	100	093K03E	Good Standing 2005.01.21	1 un	863062
244767	SAM 13	140102	100	093K03E	Good Standing 2005.01.21	1 un	863063
244768	SAM 14	140102	100	093K03E	Good Standing 2005.01.21	1 un	863064
244769	SAM 15	140102	100	093K03E	Good Standing 2005.01.21	1 un	863065
244770	SAM 16	140102	100	093K03E	Good Standing 2005.01.21	1 un	863066
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244772	SAM 18	140102	100	093K03E	Good Standing 2005.01.21	1 un	863070
244773	SAM 19	140102	100	093K03E	Good Standing 2005.01.21	1 un	863071
244774	SAM 20	140102	100	093K03E	Good Standing 2005.01.21	1 un	863072
244775	SAM 21	140102	100	093K03E	Good Standing 2005.01.21	1 un	863073
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244779	SAM 25	140102	100	093K03E	Good Standing 2005.01.21	1 un	863077
244780	SAM 26	140102	100	093K03E	Good Standing 2005.01.21	1 un	863078
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244786	SAM 32	140102	100	093K03E	Good Standing 2005.01.21	1 un	863084
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244788	SAM 36	140102	100	093K03E	Good Standing 2005.01.21	1 un	879804
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244790	SAM 38	140102	100	093K03E	Good Standing 2005.01.21	1 un	879806
244791	SAM 39	140102	100	093K03E	Good Standing 2005.01.21	1 un	879807
244792	SAM 40	140102	100	093K03E	Good Standing 2005.01.21	1 un	879808
244793	SAM 41	140102	100	093K03E	Good Standing 2005.01.21	1 un	879809
244794	SAM 42	140102	100	093K03E	Good Standing 2005.01.21	1 un	879810
244795	SAM 43	140102	100	093K03E	Good Standing 2005.01.21	1 un	879811
244796	SAM 44	140102	100	093K03E	Good Standing 2005.01.21	1 un	879812
244797	SAM 48	140102	100	093K03E	Good Standing 2005.01.21	1 un	879816
244798	SAM 49	140102	100	093K03E	Good Standing 2005.01.21	1 un	879817
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245325	CORA #1 FR.	140102	100	093K03E	Good Standing 2005.01.21	1 un	421957
245326	CORA #2	140102	100	093K03E	Good Standing 2005.01.21	1 un	421958
245327	CORA #3	140102	100	093K03E	Good Standing 2005.01.21	1 un	421959
245328	CORA #4	140102	100	093K03E	Good Standing 2005.01.21	1 un	422259
245329	CORA #5	140102	100	093K03E	Good Standing 2005.01.21	1 un	421960
245394	DAT 1	140102	100	093K03E	Good Standing 2005.01.21	1 un	206644M
245395	DAT 2	140102	100	093K03E	Good Standing 2005.01.21	1 un	206645M
245396	DAT 9 FR.	140102	100	093K03E	Good Standing 2005.01.21	1 un	91047M
245888	K 13 FRACTION	140102	100	093K03E	Good Standing 2005.01.21	1 un	260350M
307036	DIS #26	140102	100	093K03E	Good Standing 2005.01.21	1 un	436129
307038	DIS #28	140102	100	093K03E	Good Standing 2005.01.21	1 un	436131
382623	PAT 205	140102	100	093K03E	Good Standing 2005.01.21	1 un	692515M
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238163	CASEY 3	140102	100	093K03E	Good Standing 2007.01.21	6 un	41671
238164	CASEY 4	140102	100	093K03E	Good Standing 2007.01.21	9 un	41670
238356	MIST 22	140102	100	093K03E	Good Standing 2007.01.21	1 un	41691
238357	MIST 23	140102	100	093K03E	Good Standing 2007.01.21	4 un	41692
238358	MIST 24	140102	100	093K03E	Good Standing 2007.01.21	1 un	41693
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Appendix 4
Logistical Report, Induced Polarization Survey by Alan Scott, Geophysicist

LOGISTICAL REPORT

INDUCED POLARIZATION SURVEY

ENDAKO MINE

FRASER LAKE AREA, B.C.

on behalf of

ENDAKO MINES.
Bag 4001
Fraser Lake, B.C. V0J 1S0

Survey performed: October 14 to 16, 2003

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

October 20, 2003

TABLE OF CONTENTS

1. INTRODUCTION

An induced polarization (IP) survey was performed at the Endako Mine, Fraser Lake Area, B.C., within the period October 14 to 16, 2003. The survey was performed by Scott Geophysics Ltd. on behalf of Endako Mines. This report describes the instrumentation and procedures, and presents the results, of the survey.

2. SURVEY COVERAGE AND PROCEDURES

A total of 12,200 feet of IP and survey was completed at the Endako Mine. The pole dipole array was used for the IP survey, using a 200 foot dipole spacing and at "n" separations of 1 to 4. The on line current electrode was to the south of the potential electrodes on line 1E, and to the north on lines 2E and 3E.

The chargeability and resistivity results are presented on the accompanying pseudosections.

All survey data is archived to the accompanying floppy disk.

3. PERSONNEL

Ken Moir was the crew chief on the survey on behalf of Scott Geophysics Ltd. Ian Thompson was the representative on behalf of Endako Mines.

4. INSTRUMENTATION

A Scintrex IPR12 receiver and IPC7 transmitter were used for the IP survey. Readings were taken in the time domain using a 2 second on/2 second off alternating square wave. The chargeability values plotted on the accompanying pseudosections are for the interval 690 to 1050 msec after shutoff.

Respectfully Submitted,

Alan Scott, Geophysicist

Endako Mines IP Survey - Scott Geophysics Ltd. - October/03

```
H  SOFTWARE NAME & VERSION
I  GPSU 4.04  S DateFormat=mm/d/yy
S Units=M,M
S SymbolSet=2

H R DATUM
M E                WGS 84 100  0.0000000E+00  0.0000000E+00 0 0 0

H  COORDINATE SYSTEM
U  UTM UPS

F ID-------- Zne Easting  Northing Symbol---------- T O  Alt(m)   Comment
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W 1E 1400N   10U 363296 5989147 Waypoint            I E     952.8
W 1E 2400N   10U 363113 5989388 Waypoint            I E     986.7
W 1E 3600N   10U 362912 5989680 Waypoint            I E     979.7
W 1E 4000N   10U 362834 5989771 Waypoint            I E     989.8
W 1E 800N    10U 363410 5989005 Waypoint            I E     963.1
W 1N 0N      10U 363570 5988813 Waypoint            I E     969.4
W 2E 0N      10U 363298 5988890 Waypoint            I E     977.3
W 2E 2000S   10U 363453 5989308 Waypoint            I E     962.2
W 2E 2400S   10U 363480 5989188 Waypoint            I E     950.6
W 2E 3000S   10U 363525 5989016 Waypoint            I E     950.4
W 2E 3600N   10U 363582 5988847 Waypoint            I E     962.9
W 2E 4000S   10U 363605 5988737 Waypoint            I E     955.9
W 2E 800S    10U 363362 5989665 Waypoint            I E     979.9
W 3E 0N      10U 363868 5989982 Waypoint            I E     933.3
W 3E 1600S   10U 363965 5989513 Waypoint            I E     951.6
W 3E 2200S   10U 364002 5989334 Waypoint            I E     948.2
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W 3E 3800S   10U 364113 5988867 Waypoint            I E     943.4
W 3E 4000S   10U 364129 5988805 Waypoint            I E     948.2
W 3E 800S    10U 363916 5989746 Waypoint            I E     933.8
W PWR POLE   10U 363489 5988771 Waypoint            I E     959.3

F Zne Easting  Northing Date       Time     Symbol---------- T O  Comment
C 10U 363977 5989415 10/17/03 01:26:02 Anchor              - +
```

Statement of Qualifications

for

Alan Scott, Geophysicist

of

4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

I, Alan Scott, hereby certify the following statements regarding my qualifications and involvement in the program of work on behalf of Endako Mines at the Endako Mine, Fraser Lake Area, B.C., as presented in this report of October 20, 2003.

The work was performed by individuals sufficiently trained and qualified for its performance.

I have no material interest in the property under consideration in this report.

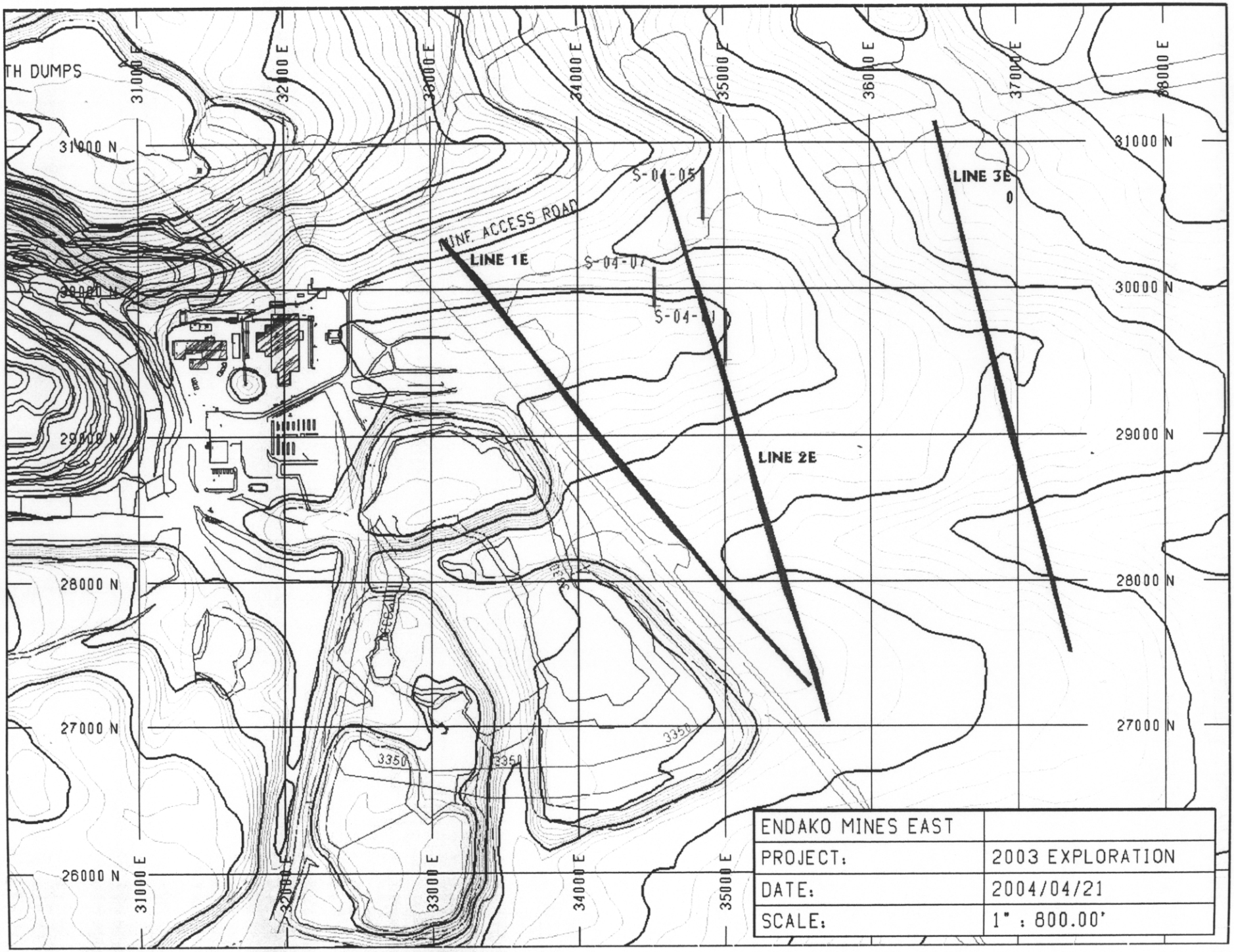
I graduated from the University of British Columbia with a Bachelor of Science degree (Geophysics) in 1970, and with a Master of Business Administration in 1982.

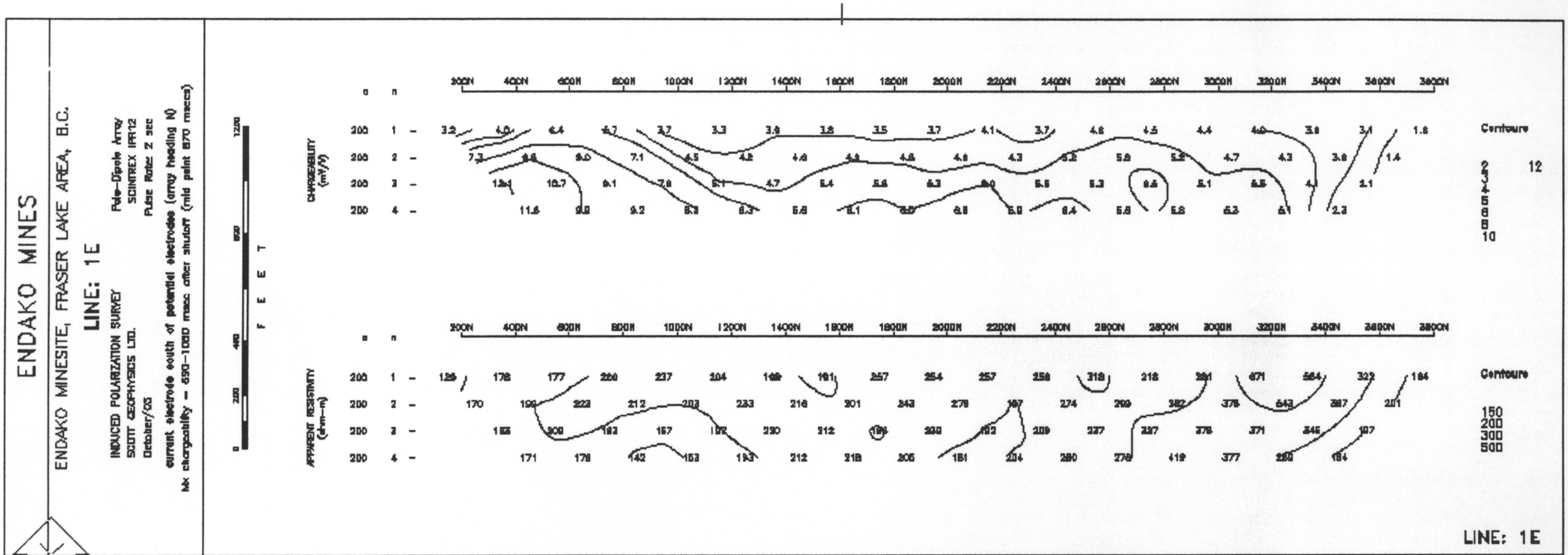
I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

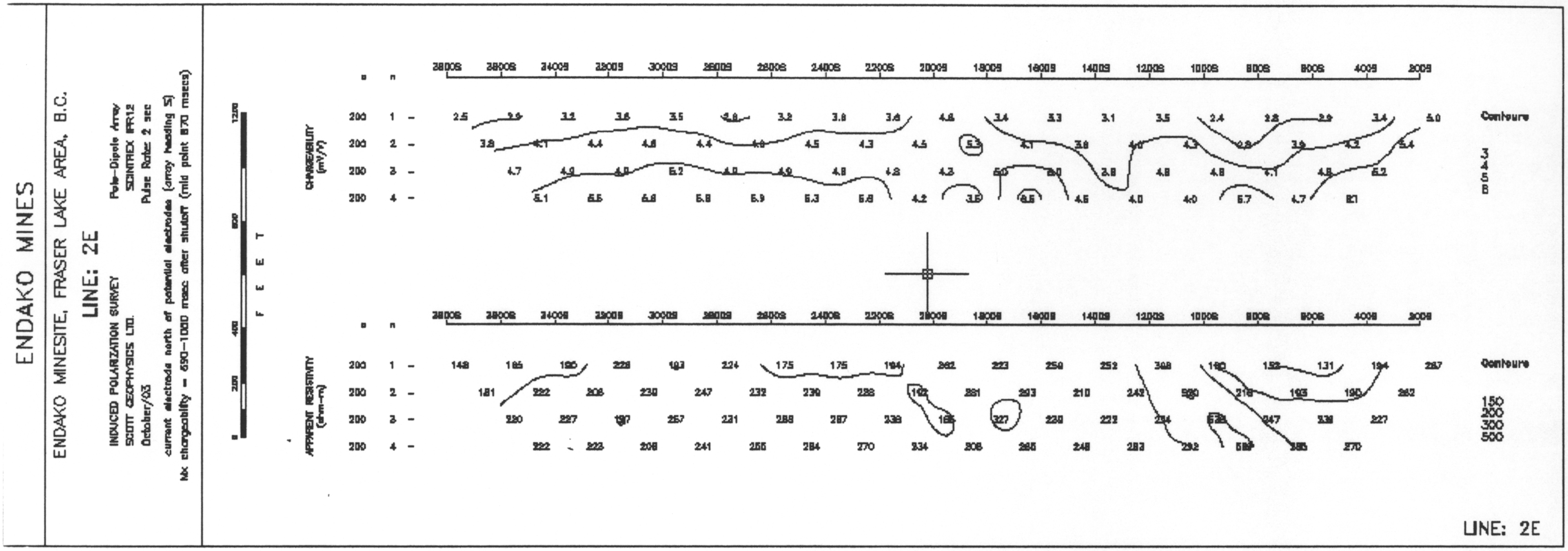
I have been practicing my profession as a Geophysicist in the field of Mineral Exploration since 1970.

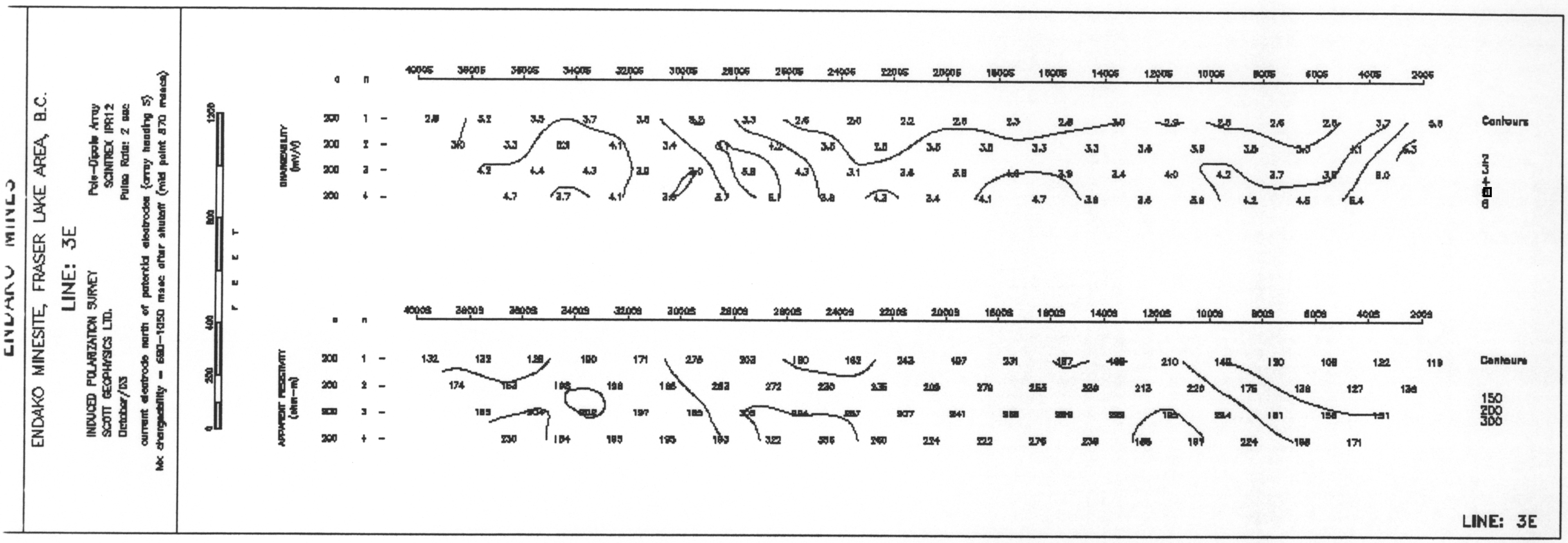
Respectfully submitted,

Alan Scott, P.Geo.


TH DUMPS
31000 E
32000 E
33000 E
34000 E
35000 E
36000 E
37000 E
38000 E
31000 N
30000 N
29000 N
28000 N
27000 N
26000 N
MINE ACCESS ROAD
LINE 1E
LINE 2E
LINE 3E
S-04-05
S-04-07
3350
ENDAKO MINES EAST
PROJECT: 2003 EXPLORATION
DATE: 2004/04/21
SCALE: 1" : 800.00'

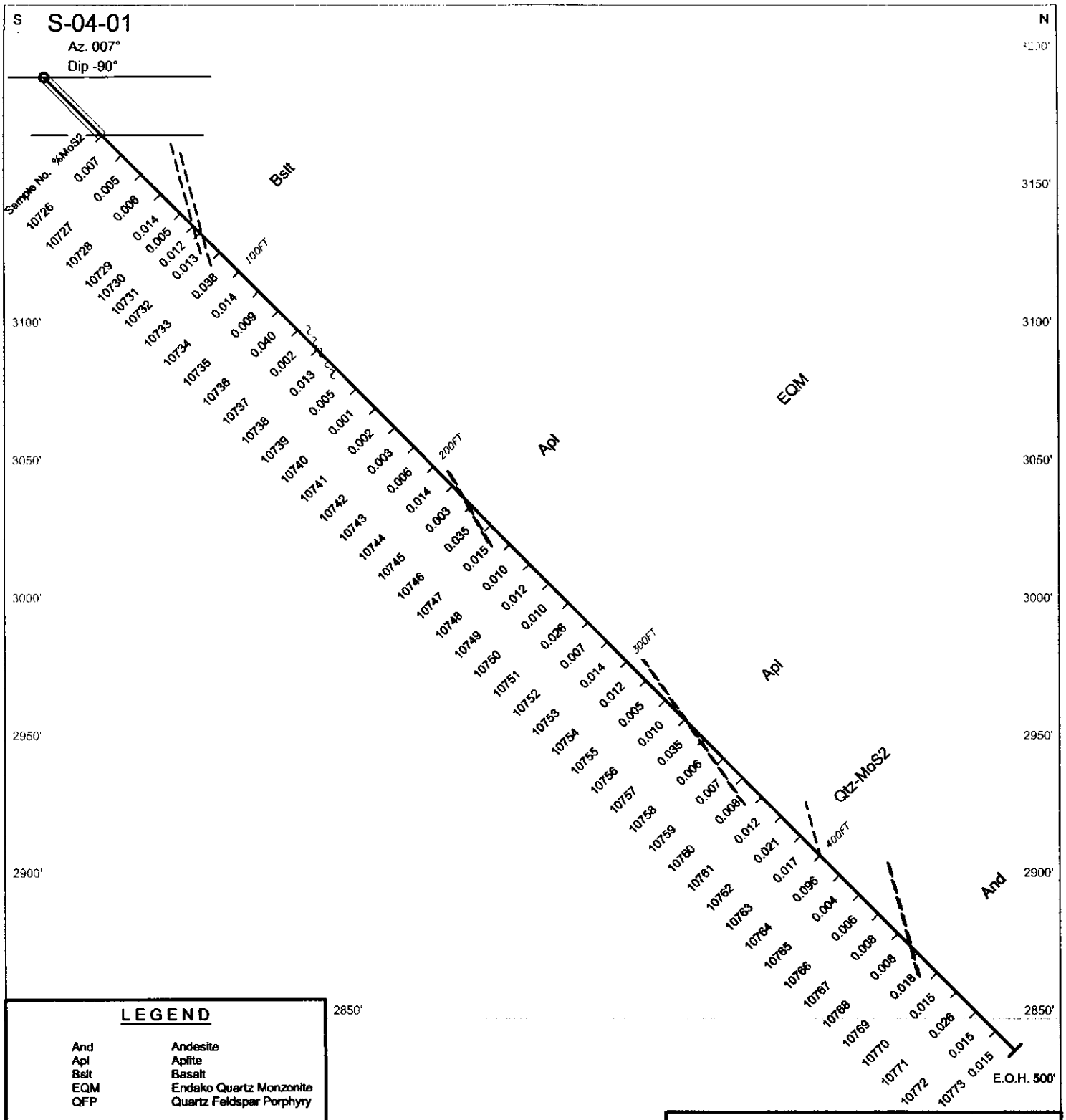

ENDAKO MINES
ENDAKO MINESITE, FRASER LAKE AREA, B.C.
LINE: 1E
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
October/03
Pole-Dipole Array
SCINTREX IPR12
Pulse Rate: 2 sec
current electrode south of potential electrodes (array heading N)
Mx chargeability - 690-1050 msec after shutoff (mid point 870 msecs)
FEET
CHARGEABILITY (mV/V)
APPARENT RESISTIVITY (ohm-m)
Contours
Contours
150
200
300
500
LINE: 1E


ENDAKO MINES
ENDAKO MINESITE, FRASER LAKE AREA, B.C.
LINE: 2E
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
October/03
Pole-Dipole Array
SCINTREX IPR12
Pulse Rate: 2 sec
current electrode north of potential electrodes (array heading S)
Mx chargeability — 690-1050 msec after shutoff (mid point 870 msecs)
FEET
CHARGEABILITY (mV/V)
APPARENT RESISTIVITY (ohm-m)
Contours
Contours
150
200
300
500
LINE: 2E



ENDAKO MINES
ENDAKO MINESITE, FRASER LAKE AREA, B.C.
LINE: 3E
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
October/03
Pole-Dipole Array
SCINTREX IPR12
Pulse Rate: 2 sec
current electrode north of potential electrodes (array heading S)
Mx chargeability = 690-1050 msec after shutoff (mid point 870 msec)
FEET
CHARGEABILITY (mV/V)
APPARENT RESISTIVITY (ohm-m)
Contours
150
200
300
LINE: 3E

Appendix 5
Drill Sections – Figures 5-10



LEGEND

And	Andesite
Apl	Aplite
Bslt	Basalt
EQM	Endako Quartz Monzonite
QFP	Quartz Feldspar Porphyry
bx	breccia
flt	fault
stwk	stockwork
vnlt	veinlet
cal	calcite
chal	chalcedony
chl	chlorite
hem	hematite
kaol	kaolinite
Kf	K-feldspar
lim	limonite
mag	magnetite
py	pyrite
qtz	quartz
ser	sericite

Contacts: defined, inferred
Vein: defined, inferred
Fault: defined, inferred

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
C. ARNOLD

THOMPSON CREEK MINING LIMITED

ENDAKO MINES

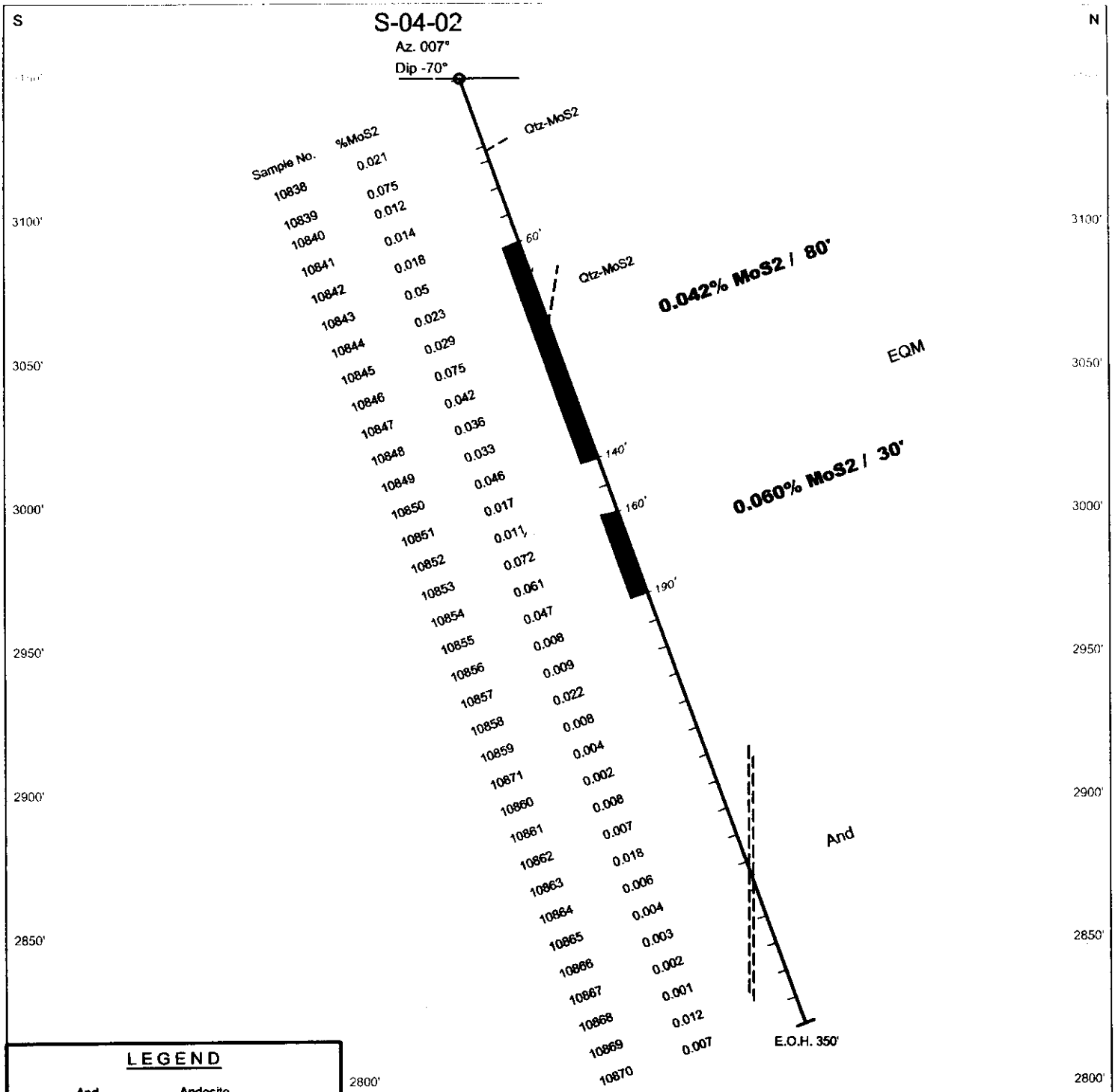
S-04-01 SECTION ENDAKO EAST VIEW to WEST

SCALE: 1"=50'

0 25 50 75 feet

DATE: APRIL 2004
DRAWN BY: WILDROCK RESOURCES
FILENAME: DDH-S-04-01.DWG

FIGURE 5



Sample No.	%MoS2
10838	0.021
10839	0.075
10840	0.012
10841	0.014
10842	0.018
10843	0.05
10844	0.023
10845	0.029
10846	0.075
10847	0.042
10848	0.036
10849	0.033
10850	0.046
10851	0.017
10852	0.011
10853	0.072
10854	0.061
10855	0.047
10856	0.008
10857	0.009
10858	0.022
10859	0.008
10871	0.004
10860	0.002
10861	0.008
10862	0.007
10863	0.018
10864	0.006
10865	0.004
10866	0.003
10867	0.002
10868	0.001
10869	0.012
10870	0.007

LEGEND

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stwk	stockwork
vnlt	veinlet
cal	calcite
chal	chalcedony
chl	chlorite
hem	hematite
kaol	kaolinite
Kf	K-feldspar
lim	limonite
mag	magnetite
py	pyrite
qtz	quartz
ser	sericite

Contacts: defined, inferred
Vein: defined, inferred
Fault: defined, inferred

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ENDAKO MINES

S-04-02 SECTION DENAK EAST VIEW to WEST

SCALE: 1"=50'

0 25 50 75 feet

DATE: APRIL 2004
DRAWN BY: WILDROCK RESOURCES
FILENAME: DDH-S-04-02.DWG

FIGURE 6

S

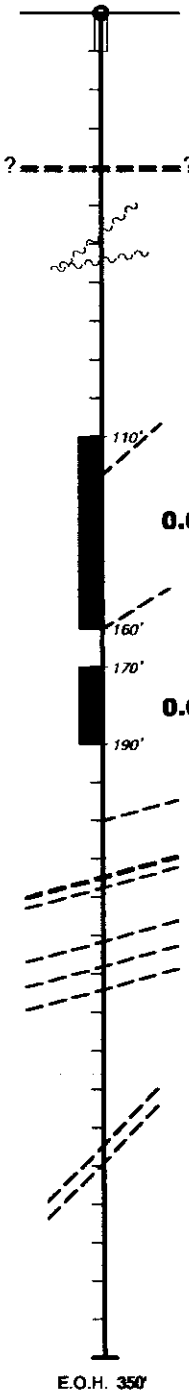
N

S-04-03

Dip -90°

Sample No.	%MoS2
10803	0.003
10804	0.012
10805	0.028
10806	0.015
10807	0.022
10808	0.026
10809	0.006
10810	0.042
10811	0.011
10812	0.015
10813	0.008
10814	0.091
10815	0.047
10816	0.076
10817	0.084
10818	0.075
10819	0.017
10820	0.041
10821	0.040
10822	0.013
10823	0.018
10824	0.069
10825	0.006
10826	0.003
10827	0.023
10828	0.009
10829	0.018
10830	0.009
10831	0.007
10832	0.002
10833	0.007
10834	0.009
10835	0.012
10836	0.009
10837	0.013

3100'
3050'
3000'
2950'
2900'
2850'
2800'
2750'
2700'



LEGEND

And	Andesite
Apl	Aplite
Bslt	Basalt
EQM	Endako Quartz Monzonite
QFP	Quartz Feldspar Porphyry
bx	breccia
flt	fault
stwk	stockwork
vnlt	veinlet
cal	calcite
chal	chalcedony
chl	chlorite
hem	hematite
kaol	kaolinite
Kf	K-feldspar
lim	limonite
mag	magnetite
py	pyrite
qtz	quartz
ser	sericite

Contacts: defined, inferred
Vein: defined, inferred
Fault: defined, inferred

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — C. J. [illegible] D

THOMPSON CREEK MINING LIMITED

ENDAKO MINES

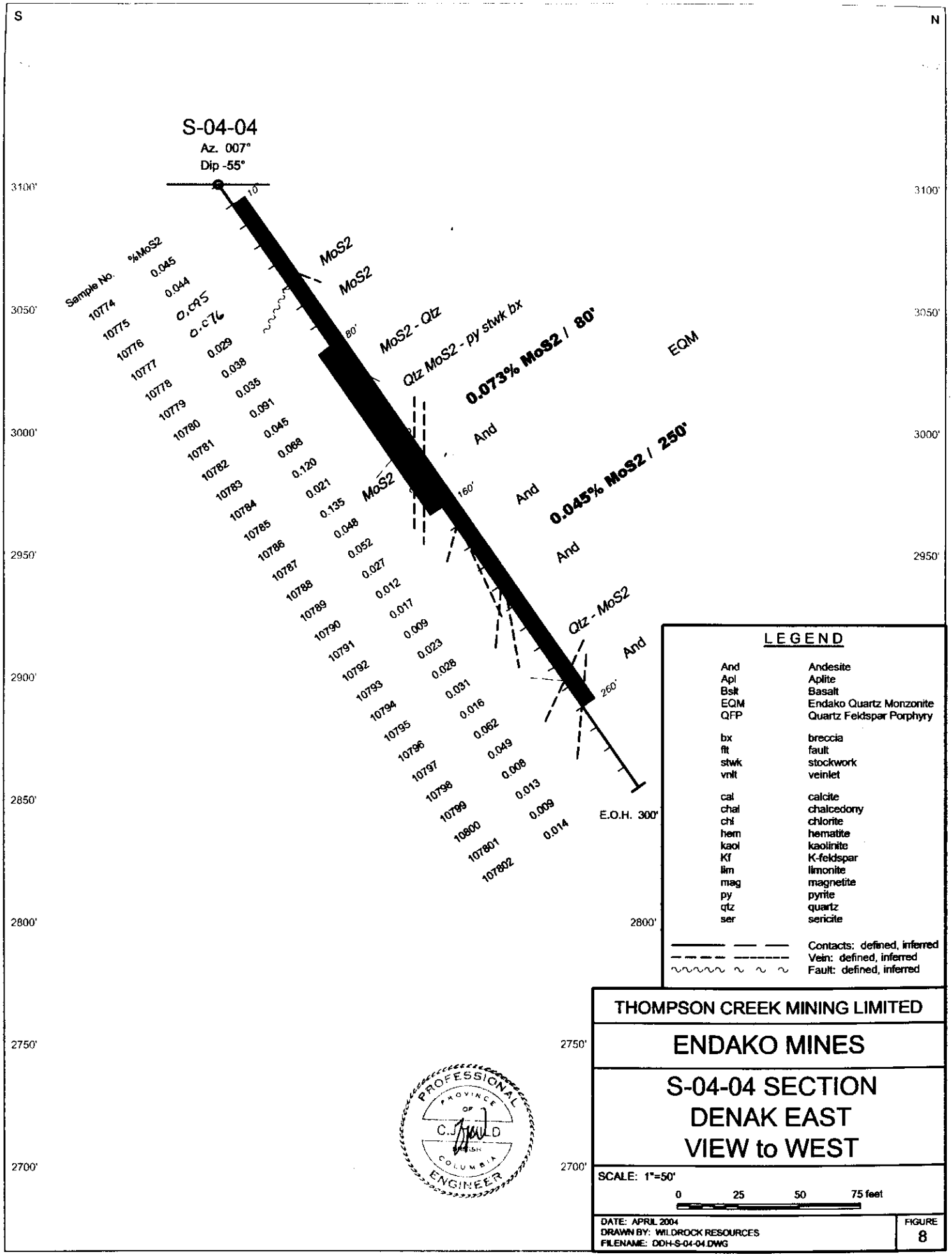
S-04-03 SECTION
DENAK EAST
VIEW to WEST

SCALE: 1"=50'

0 25 50 75 feet

DATE: APRIL 2004
DRAWN BY: WILDROCK RESOURCES
FILENAME: DDH-S-04-03.DWG

FIGURE 7



LEGEND

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Apl	Aplite
Bslt	Basalt
EQM	Endako Quartz Monzonite
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kaol	kaolinite
Kf	K-feldspar
lim	limonite
mag	magnetite
py	pyrite
qtz	quartz
ser	sericite

Contacts: defined, inferred
Vein: defined, inferred
Fault: defined, inferred

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C.J. WILD

THOMPSON CREEK MINING LIMITED

ENDAKO MINES

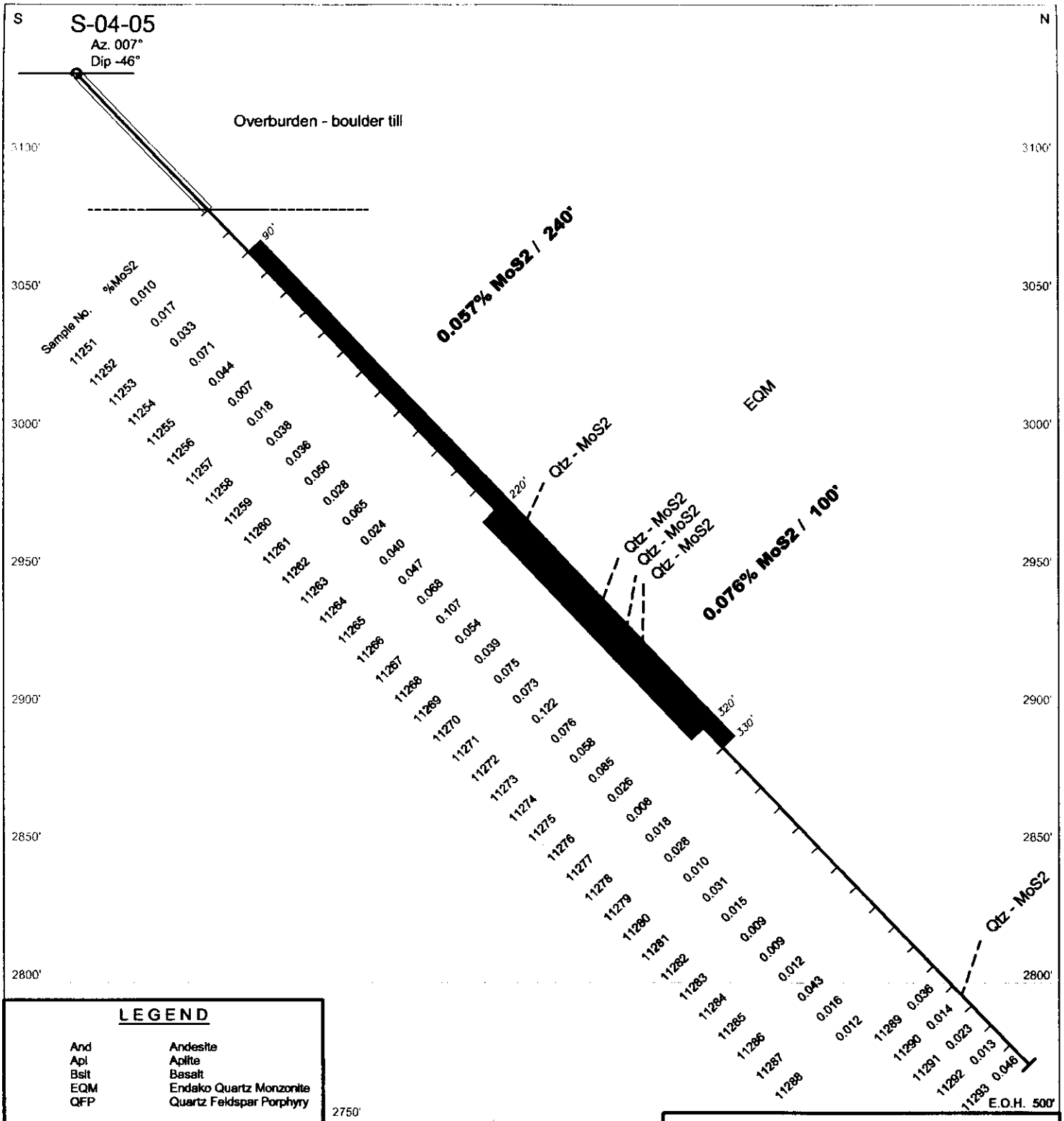
S-04-04 SECTION
DENAK EAST
VIEW to WEST

SCALE: 1"=50'

0 25 50 75 feet

DATE: APRIL 2004
DRAWN BY: WILDROCK RESOURCES
FILENAME: DDH-S-04-04.DWG

FIGURE 8



LEGEND

And	Andesite
Apl	Aplite
Bslt	Basalt
EQM	Endako Quartz Monzonite
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Contacts: defined, inferred
Vein: defined, inferred
Fault: defined, inferred

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ENDAKO MINES

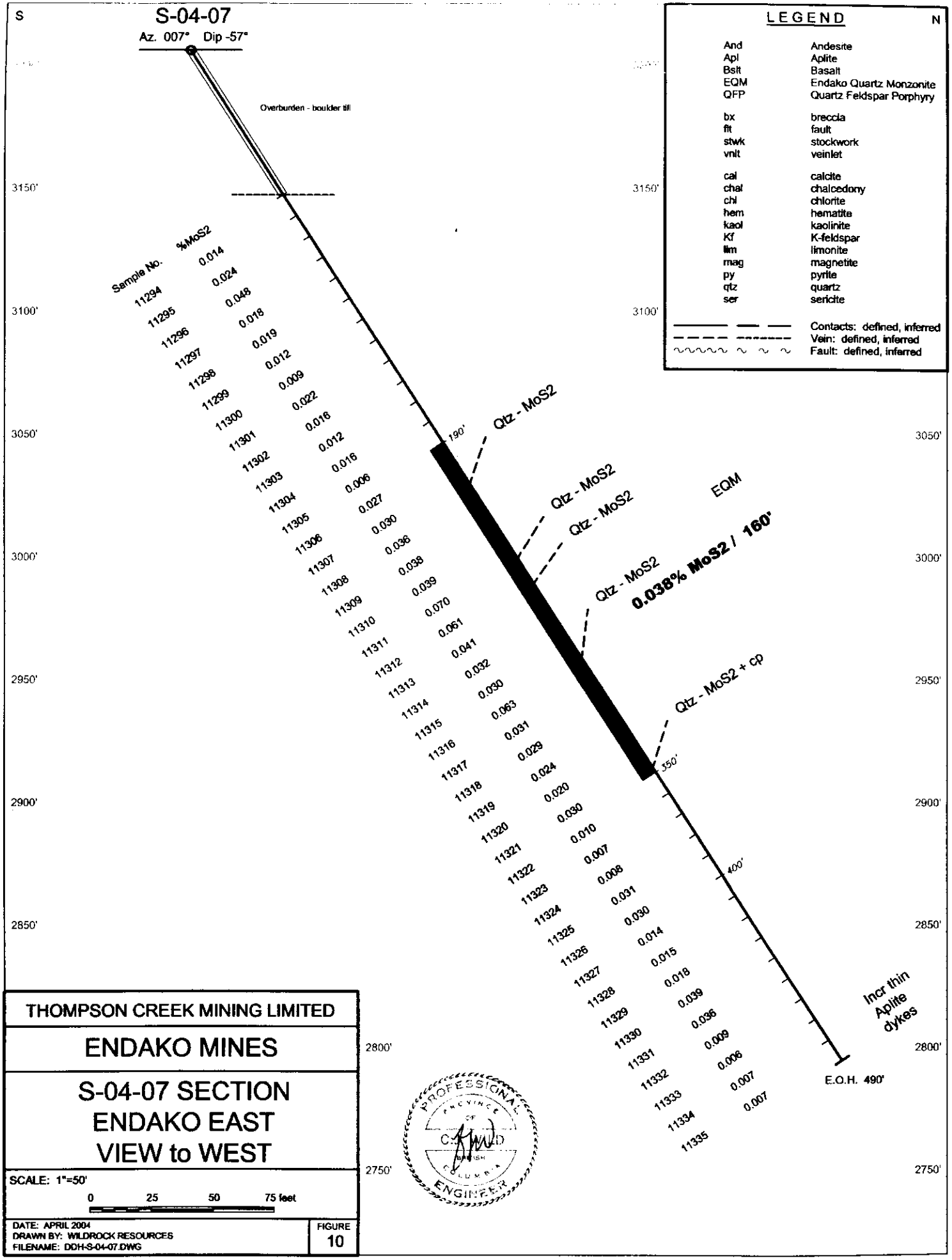
S-04-05 SECTION ENDAKO EAST VIEW to WEST

SCALE: 1"=50'

0 25 50 75 feet

DATE: APRIL 2004
DRAWN BY: WILDROCK RESOURCES
FILENAME: DDH-S-04-05.DWG

FIGURE 9



THOMPSON CREEK MINING LIMITED

ENDAKO MINES

S-04-07 SECTION ENDAKO EAST VIEW to WEST

SCALE: 1"=50'

0 25 50 75 feet

DATE: APRIL 2004
DRAWN BY: WILDROCK RESOURCES
FILENAME: DDH-S-04-07.DWG

FIGURE 10

Appendix 6
Drill Logs

Section			ENDAKO MINES			Hole No.	S-04-01		
						Sheet No.	1	of	7
Location	Endako East	Bearing	007	Latitude	29515N	Core Size	NQ2	Logged By	C.J. Wild
Date Collared	January 6, 2004	Length	500 feet	Departure	35012E	Scale of Log		Date	07-Jan-04
Date Completed	January 8, 2004	Dip	-45 *(acid @250' 45 @500 45)*	Elevation	3192 elev	Remarks	Collared east of S-843.		

Rock Types & Alteration							Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
																Fractures								Sample Number		%MoS2	
																								Core	Sludge	Core	Sludge
																								Estimate Grade		Combined	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	%MoS2	%MoS2		
						Cased to approx 28 feet, rounded till boulders to 29 feet.			30												29							
20	40	30	10	cgr	5	**Endako Quartz Monzonite:** mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	wk to mod kaol	40		31: 20		Minor sandy gouge @ 31'.		Weakly oxidized, rubbly				4%	37		60%		10726		0.007	
						As above, slightly less fractured; continuing orange limonite + Mn-oxide on rough fractures.	QM	wk kaol	50											30% 33% 0%	42 45 48		100% 90% 65%		10727		0.005	
						Continuing mod lim.	QM	wk kaol	60		56: 65 56: 35		57.5: C-gr py on fracture, limonitic.		Minor coarse sandy gouge @ 56' & 58' @ 30-35 to c.a.				27% 17% 21%	53.5 56 59.5		100% 100% 100%		10728		0.006	
						60.5-62.5: Rubbly & limonitic. 64.0-69.0: Limonite fading.	QM	wk kaol	70		63.5: 90	1mm	Qtz-MoS2 vnlt	none	Continuous				11% 45%	62.5 69		100% 100%		10729		0.014	
						EQM becomes fresher, less fractured. **76.5-80.0: Basalt Dyke** Dark greenish grey, f-gr	QM	wk kaol	80		76:30	2mm	70.5: Coarse blebby pyrite. 78.5: 7" of EQM + calcite vnlt. Dyke contacts chilled @ 65 & 35 to c.a.		Calcite on rough fractures. Dyke weakly fractured, calcite-rich.				21% 50% 57%	73 76.5 79		100% 100% 100%	70-76.5 76.5-80	10730 10731		0.005 0.012	
						Back to pink c-gr EQM, as above dyke. 82-84: Coarse rubble, min aplite/QFP.	QM	wk kaol	90		80: 35 87: 30 89: 75 90: 70	2mm <1mm <1mm <1mm	Cal vnlts at contact Fine py on rough fr. Good MoS2 on fr. MoS2-py on frac.		MoS2 on planar fractures.				28% 33%	84 88		100% 100%		10732		0.013	

Wildrock Resources Consulting & Drafting

Section							ENDAKO MINES																Hole No.	S-04-01		
																							Sheet No.	2	of	7
Rock Types & Alteration							Graphic Log				Mineralization and Structures					Rock Qualities							Recovery		Assay Results		
																Fractures									Sample Number		%MoS2	
																									Core	Sludge	Core	Sludge
																									Estimate Grade		Combined	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	%MoS2	%MoS2	
20	40	30	10	cgr	5	**Endako Quartz Monzonite:** mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	wk to mod kaol	100		92: 72 92: 80 99: 75	<1mm <1mm 1-2mm	Min MoS2-py on frac. Good MoS2 on frac. Qtz-MoS2 vnlt-frac.	none	96-98.5: Low angle (to c.a.) wkly ggy frac.				43% 25%	95.5 98.5		100% 100%		10733		0.038	
						Relatively fresh-looking EQM. Fracture parallel to c.a. from 109'.	QM	wk kaol	110		106:45	<1mm	C-gr py on rough frac	Kf					47%	107.5		87%		10734		0.014	
						117.5: 3-4" of rubbly and sandy gouge.	QM	wk kaol	120		110.5: 55 111: 75 114: 25	3mm <1mm <1mm	Qtz-MoS2-cp vnlt. Min MoS2 on frac. Coarse py + cp	none none Kf	Weak MoS2.				52% 33%	114.5 117.5		100% 83%		10735		0.009	
						120-125: Sandy rubby fracture zone, sig kaol altn. 127-129.5: Mod frac.	QM	mod kaol	130		127: 45	1-2mm	Polished blk clay slip.	none					25% 0% 19%	120.5 125 129		100% 67% 100%		10736		0.04	
						131-132: Mod frac. 136-137: Mod frac with incr clay & sand. 139-143: Str clay-hem shears @ 0-20 to c.a.	QM	mod kaol	140		131: 70 139: 20 140: 15	<1mm 1mm 1mm	Dry planar fracture. Top of shear zone. Main hem-clay slip.	none none none	Common orient.				17% 20% 0%	132 137 139.5		100% 100% 80%		10737		0.002	
						142-143: Fault; str clay gouge, culmination of shear zone from 139'. 143-145.5: Unfrac, weakly-alt'd.	QM	mod kaol	150		147: 5	<1mm	Weak clay slip.	none	Begin mod frac zone (147-159').				0% 40%	143 147		95% 95%		10738		0.013	
						152-153: Kaol-rich shear zone, fracturing continues to 159'.	QM	mod kaol	160		152: 50 155: 45 158: 5	<1mm <1mm 1mm	Polished MoS2 slip. Polished MoS2 slip. Clay-cal fracture - common orient.	none none none	MoS2 on planar slips in shear, related to str kaol.				0% 8%	155 159		100% 100%		10739		0.005	
						Begin section of weak fracturing and kaol.	QM	wk kaol	170		165: 40 167: 15	<1mm <1mm	Dry planar fracture. Dry planar fracture.	none none	Common orient. Common orient.				53%	167		100%		10740		0.001	

Section							ENDAKO MINES																	Hole No.	S-04-01		
																								Sheet No.	3	of	7
Rock Types & Alteration								Graphic Log				Mineralization and Structures					Rock Qualities							Recovery		Assay Results			
																	Fractures									Sample Number		%MoS2	
																										Core	Sludge	Core	Sludge
																										Estimate Grade		Combined	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness		Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	%MoS2	%MoS2		
20	40	30	10	cgr		5	**Endako Quartz Monzonite**: mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	wk kaol	180		172: 65 174: 25 176: 0	<1mm 1mm <1mm	Flaky MoS2 on frac. Calcite on frac. Cal-ser-kaol frac.	none none none	Cont competent, wk frac. 174-176.5: Mod frac - cal, min kaol.				42% 53%	172.5 178.5		97% 100%		10741		0.002	
							184-190: Mod ser-cal fracturing.	QM	wk kaol	190		181: 45 184: 75 187: 5	<1mm <1mm <1mm	Cal-ser-py on frac. Wk cal-ser-py frac. Wk cal-ser (py) frac.	none none none	No veining or shearing.				55%	187		100%		10742		0.003	
							Weakly fractured, rel fresh-looking.	QM	wk kaol	200		191: 85 194: 60 196.5: 80	<1mm 1mm 3cm	Dark red hem on frac. 2 qtz-MoS2 vnlts. Series of wk qtz-MoS2 stringers.	none wk Kf Kf	Fine MoS2 along qtz vn selvages.				65%	197		100%		10743		0.006	
							Subtle increase in kaol, shearing --> MoS2. 208.5: Emerge from sheared, alt'd QM.	QM	wk to mod kaol	210		200: 30 202: 20 202: 70 203: 60 205.5: 70	2mm <1mm <1mm <1mm <1mm	Qtz-py-MoS2 vnlt. Red hem slicks. Str polished MoS2. Polished MoS2 frac. Planar MoS2 slip.	Kf none none none none	Weak fine MoS2. SS @ 25 to max dip. MoS2 ss @ 65 to max dip. Py-Kf stringers.		25 65		42% 22%	201 208.5		94% 96%		10744		0.014	
							Weakly fractured, rel fresh-looking. **214.5-216.5: Aplite Dyke**; f-gr pink-purple, well-fractured (bx'd).	QM	wk kaol	220		207: 35 214.5: 15 219: 45	<1mm <1mm 1mm	Cal-kaol-MoS2 slip. Sharp contact. Disc qtz-MoS2 vnlt, fine scattered MoS2.	none none Kf	Minor MoS2. Calcite stwk. Lower contact @ 0 to c.a. to 218'.				56%	218.5 ####		100%		10745		0.003	
							225-229: Modest incr in ser-fracturing.	QM	wk kaol	230		221: 45 225: 70 227: 12	1-2mm 1mm <1mm	Qtz-cp-MoS2 vnlt. Kf-mt vnlt or frac. Ser-cal fracture.	Kf Kf none	Irreg orient. Magnetite. Common orient.				63%	229		95%		10746		0.035	
							230-234: Mod sheared, minor chl-hem-ser-cal.	QM	wk kaol	240		230.5: 10 235: 30 235: 5 238: 75	<1mm 1mm <1mm <1mm	Dark green chl slip. Cp vnlt, min MoS2. Sharp frac along c.a. Wk MoS2 on frac.	chl Kf ser none	Planar, polished. Tarnished py? Very cont to 140'.				47%	234		100%		10747		0.015	
							241.5-242.5: Mod low angle (to c.a.) fracturing.	QM	wk kaol	250		243: 25 248: 80 254: 40	<1mm 13cm <1mm	Minor MoS2 on frac. Wk qtz-MoS2 vnlts. MoS2-py on frac.	none wk Kf none	Rough ser-cal. Also chl-hem. SS Mo, c-gr py.				69% 46%	242.5 249		100% 100%		10748		0.01	

Wildrock Resources Consulting & Drafting

Section

ENDAKO MINES

Hole No. S-04-01

Sheet No. 4 of 7

Rock Types & Alteration							Graphic Log				Mineralization and Structures					Rock Qualities							Recovery		Assay Results			
																Fractures									Sample Number		%MoS2	
																									Core	Sludge	Core	Sludge
																									Estimate Grade		Combined	
Qtz	Plag	K-Spar	Matic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	%MoS2	%MoS2		
20	40	30	10	cgr	5	**Endako Quartz Monzonite**: mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	wk kaol	260		254: 40 257: 45	<1mm 1mm	MoS2-py on frac. Qtz-cp (MoS2) vnlt.	none Kf	SS Mo; c-gr py. Bright c-gr cp.				63%	258.5		100%		10749		0.012	
						Increased kaol altn, minor shearing. Incr fracturing from 261-267'.	QM	wk to mod kaol	270		264.5: 30 265: 25	<1mm <1mm	Slicked hem-ser slip. Slicked hem-ser slip. C-gr py with patchy Kf @ 267'.	ser ser	SS @ 5 to max dip.			5	20%	267		100%		10750		0.01	
						Weakly alt'd & fractured but a few veins & dykelets.	QM	wk kaol	280		271.5: 70 272: 45 272.5: 75 274.5: 70 278.5: 40	1mm 10cm 15cm <1mm 1-2mm	Cal-ser-hem slip. F-gr purplish aplite. Kf-flood, cal-clay. Min py, tr MoS2. Qtz-MoS2 vnlt.	ser none Kf none none	Minor, common. Irreg dykelet. Minor shear. F-gr. Mod MoS2.				53%	276		107%		10751		0.026	
						As above.	QM	wk kaol	290		281.5: 30 288: 75	<1mm 2mm	Mln f-gr MoS2, frac. Grey qtz vnlt; MoS2?	none Kf	Unsheared. V f-gr MoS2.				36% 13%	284 288		80% 119%		10752		0.007	
						Incr fracturing to 297'. 295: Gougy fault to 6".	QM	wk kaol	300		295: 20 298: 70	1mm 5cm	Rough cal-ser frac. Dark qtz-hem-chl.	kaol Kf	Part of shear. Weak stwk.				43% 17% 0%	293 295 297		107% 100% 100%		10753		0.014	
						297-320: Very competent, weakly fractured. 300: Brassy cp or py.	QM	wk kaol	310		304: 70 305: 75 309: 55	12cm 2mm 1mm	Zone of pink Kf-flood. Dark grey qtz-hem. Dark grey qtz-hem?	Kf Wk Kf Wk Kf	No veining. Py, no MoS2. Very f-gr; no MoS2.				52% 125% 60%	304 305 309		93% 125% 104%		10754		0.012	
						Continuing c-gr & weakly altered. 320: 10cm minor shear with clay-ser.	QM	wk kaol	320		316: 45	<1mm	Blebby py on frac.	none	Chl-ser-py-mt.				45% 33%	314.5 319		86% 93%		10755		0.005	
						324: 15cm minor shear with clay-ser. 326-330: Fault; 10cm gougy rubble, then Incr gouge, loss of 1' core.	QM	wk kaol	330		324: 10 327: 25	10mm 10cm	Ser-chl shear. Pale green gggy slip.	none none	Increasing gouge.				43% 0% 0%	324 326.5 330		100% 113% 71%		10756		0.01	

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Rock Types & Alteration							Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results		
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																								Estimate Grade: %MoS2	Estimate Grade: %MoS2	Combined	
20	40	30	10	cgr	5	330-332: Aplite; f-gr pink sugary texture. Rubbly lower contact. Fracturing decreasing to 340'.	QM	wk kaol	340		331: 50	5mm	Qtz-MoS2 vnlt.	Wk Kf	F-gr MoS2 selvages. End of box 18.	10 20 30 40 50 60 70 80 90			10% 62%	334 340		100% 100%		10757		0.035	
						347.5-349: Mod frac'd.	QM	wk kaol	350		342: 80 346.5: 40	1mm 1mm	Qtz-py-chl? vnlt. Wk qtz-cp vnlt.	none str Kf	Weak. Blebby cp.	10 20 30 40 50 60 70 80 90			64%	349		100%		10758		0.006	
						352.5: Barren white qtz vn @ 30 to c.a.; cuts finger of Aplite @ 45 to c.a.	QM	wk kaol	360		355: 30	2mm	Clay-cal shear.	ser	Weak shear.	10 20 30 40 50 60 70 80 90			35%	355		100%		10759		0.007	
						Competent QM. 361: Py stringer. 368-376: Shear zone; cal-clay-hem slips @ 10 to c.a.	QM	wk kaol	370		364: 35 367.5: 35	1mm 1mm	Cal-hem-ser slip. Cal-hem-ser slip.	ser ser	Minor. Several slips.	10 20 30 40 50 60 70 80 90			32% 13%	364.5 369		100% 100%		10760		0.008	
						Series of low angle (to c.a.) slips to 376'; in wkly altered (ser-kaol) EQM.	QM	wk kaol	380		375: 30 379: 35	1mm 1mm	Cal-ser-hem slip. Clay-cal slip.	kaol none	Mod to str fractured to 376'.	10 20 30 40 50 60 70 80 90			0% 0% 23%	374 376 380		100% 100% 100%		10761		0.012	
						Continuing well-fractured, weakly sheared & ggy. 382-384: Gougy rubble, 50% rec.	QM	wk kaol	390		381: 75 382: 65	1mm 2mm	Qtz-MoS2 vnlt. Qtz vnlt, chalcedonic.	none none	Very fine MoS2. No sx id. 382: 6" ggy rubble.	10 20 30 40 50 60 70 80 90			0% 0%	384 388		95% 100%		10762		0.021	
						391: Becoming less fractured & altered.	QM	wk kaol	400		390: 15 392: 45 399: 70	1cm 2mm 1-3mm	Pale grey gouge. Erratic Kf-cp vnlt. Grey qtz vnlt, MoS2?	none Kf none	Rubbly. 2mm bleb of cp. Very f-gr.	10 20 30 40 50 60 70 80 90			15% 74%	392.5 396		89% 129%		10763		0.017	
						400: Sig qtz-MoS2 vein. Increased fracturing. 406-407: Gougy flt. 407: 3cm+ finger Aplite .	QM	wk kaol	410		400: 30 402: 20 405: 25 406: 15 407:30	8mm 2mm 1mm 1cm >3cm	Grey qtz-MoS2 vein. Cal vein-fracture. Min MoS2 on frac. Pale green clay gg. Pale green clay gg.	wk Kf none none kaol kaol	Strong MoS2. Rough, planar. Very wk MoS2. Minor fault zone.	10 20 30 40 50 60 70 80 90			41% 13% 21%	402.5 405 407		90% 120% 100%		10764		0.096	

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Rock Types & Alteration							Graphic Log				Mineralization and Structures					Rock Qualities							Recovery		Assay Results			
																Fractures									Sample Number		%MoS2	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																								Estimate Grade		Combined	
																								%MoS2	%MoS2		
20	40	30	10	cgr	5	**Endako Quartz Monzonite**: mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	wk kaol	420		417.5: 75	2cm	Pink aplite dykelet.	none	Wk altn, wk to mod fracturing.				39% 17% 9%	412. 5 416 420		88% 133% 105%		10765		0.004	
						Weakly alt'd, wk to mod fracturing. 426-428: Mod frac.	QM	wk kaol	430		423.5: 75	1mm	Dark chalc vnlt.	none	Tr py, v f-gr.				17% 13%	426 429		100% 67%		10766		0.006	
						As above; decr frac.; very little veining. 439-440: Str frac.	QM	wk kaol	440		432: 80 432: 20 435: 25	1mm <1mm <1mm	Dark chalc vnlt. Prominent fracture. Ser-cal-kaol frac.	none none none	Tr py, v f-gr. Planar set. Same set.				67% 53% 0%	435 439 440		100% 100% 67%		10767		0.008	
						445-447: Mod frac. **449-450: Andesite Dyke**; med olive green, fine-grained, clay-alt'd.	QM	wk kaol	450		449: 30 450: 30	<1mm <1mm	Sheared u/c, planar. Sheared l/c, planar.	none none	Mostly wk frac & fresh-looking.				50% 75%	444 449		108% 100%		10768		0.008	
						Weakly alt'd, weakly fractured, little veining.	QM	wk kaol	460		454: 60	1mm	Dark qtz-cp/py vnlt.	Kf	Very minor.				53%	455		100%		10769		0.018	
						Weakly alt'd, weakly fractured, little veining.	QM	wk kaol	470		463: 35	1mm	Qtz-MoS2 vnlt-frac.	none	Sig MoS2.				95%	465		100%		10770		0.015	
						Weakly alt'd, weakly fractured, incr veining.	QM	wk kaol	480		470.5: 35 475: 40 480: 50	<1mm 1-2mm 1cm	MoS2 on fracture. Two qtz-MoS2 vnlts. Qtz vn, stringers.	none none str Kf	Patchy MoS2. Good MoS2. Min MoS2 selvages.				94% 81%	474. 5 477. 5		105% 117%		10771		0.026	
						480-489: Incr frac.	QM	wk kaol	490		480.5: 20 488: 10	<1mm <1mm	MoS2 on ser frac. Cal-ser frac.	ser none	Spotty MoS2. Rough, planar.				35% 60%	484 489		86% 100%		10772		0.015	

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Rock Types & Alteration							Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
																Fractures								Sample Number		%MoS2	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																								Estimate Grade		Combined	
																								%MoS2	%MoS2		
20	40	30	10	cgr	5	**Endako Quartz Monzonite:** mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	wk kaol	500		498: 50	<1mm	Cal-ser fracture, planar but rough, common orient	none	Weakly frac, wk altn, no veining. 499.5: 5-10mm patch of py-epi.				69% 100 %	498 500		90% 113%		10773		0.015	
						500' = END OF HOLE																					

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Location	Denak East Pit	Bearing	7	Latitude	33265N	Core Size	NQ2	Logged By	D. Hanson
Date Collared	January 10, 2004	Length	350'	Departure	24545E	Scale of Log		Date	Apr. 2004
Date Completed	January 11, 2004	Dip	-70	Elevation	3152 elev	Remarks			

Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
										Fractures								Sample Number		%MoS2	
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																		Estimate Grade		Combined	
																		%MoS2	%MoS2		
			0											0							
0.0 - 25.0 : Endako Quartz-Monzonite (EQM)- pink to lt. grey mottled, wkly KA+MS altered (PF zoned with altered cores), wkly magnetic, cgr to wkly porph. texture, 10% mafics, loc. mafic rich inclusions; str. fractured core (1 ft rec'd)			25				:none observed						0%	25				10838		0.021	
25.0 - 30.0: EQM (as above) - rubble 26.0-29.5; 20cm KF flooding @ 27'			30		27:80 28:?? 29:??	2 <1 <1	:QZ + MO :MO :MO	:none :none :none	: :slickensides :			27:25	13%	29		75		10839		0.075	
30.0 - 40.0: EQM (as above) - (2 ft core rec'd) sheared core w/ mod. to str. KA alt'n; 10 cm aplite dyke @ 39'			40		30:??	?	:MO + PY	:none	:core frag.				10%	39		22		10840		0.012	
40.0 - 50.0: EQM (as above) - sheared core w/ mod to str. KA alt'n;			50		48:25	<1	:MO	:none					8%	49		33		10841		0.014	
50.0 - 60.0: EQM (as above) - sheared core w/ mod to str. KA alt'n 50-56; KF flooding 50-53; tr. PY cubes			60		54:35 53:32 60:70	2 3 <1	:QZ :QZ :MO	:KF :KF :none	 :slickensides				0% 14%	53 56		79 81		10842		0.018	
60.0 - 70.0: EQM (as above) - sheared core w/ mod to str. KA alt'n 63-68; Aplite dyklet 67-67.5; 10 cm KF flooding @ 70'			70		67:65 68:55 68:55 69:45	23? >1 1 <1	:QZ :MO :QZ + MO :MO	:none :none :none :none	:broken core : : :				54% 15% 0% 78%	61.5 65 67 68		85 98 88 100		10843		0.05	

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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																		Estimate Grade: %MoS2	Estimate Grade: %MoS2	Combined	
70.0 - 80.0: EQM (as above) -no shears: v. wk. KA alt'n; KF flooding 72.5-73.5 and 74.5- 75.5'					70:40	8	:QZ + PY	:none										10844		0.023	
					68:75	1	:QZ + MO	:none													
					73:30	<1	:MO	:none					97%	78.0		100					
					74:??	2	:QZ	:none													
			80		78:65	7	QZ	:none													
80.0 - 90.0: EQM (as above) - no shears; v. wk. KA alt'n; minor PY as stringers and in vnlts					81:40	<1	:MO	:none										10845		0.029	
					81:65	1	:QZ	:none													
					82:65	<1	:MO	:none					104%	88		100					
					84:75	<1	:QZ	:KF													
			90		87:45	1	:QZ	:none													
90.0 - 100.0: EQM (as above) - no shears; v. wk. KA alt'n; tr PY as blebs, in mvnlts and cubes; wk stwk mvnlts (12)					90:35	1	:MO + QZ	:none										10846		0.075	
					91:35	<1	:PY + QZ	:none					111%	97.5		100					
					94:24	<1	:QZ + MO	:none					97%	99		100					
					96:55	<1	:MO + PY	:none													
			100		99:20	<1	:MO + QZ	:none													
100.0 - 110.0: EQM (as above) - no shears; v. wk. KA alt'n; tr PY as stringers and cubes; wk stwk mvnlts (7)					100:70	2	:QZ + MO	:KF										10847		0.042	
					101:25	1	:QZ + PY	:none													
					102:75	1	:QZ	:none					96%	109		100					
					103:45	3	:QZ	:none													
			110		108:30	<1	:PY + QZ + MO	:none													
110.0 - 120.0: EQM (as above) - no shears; v. wk. KA alt'n; tr PY as stringers, cubes and in mvnlts					111:40	1	:PY + QZ	:none										10848		0.036	
					115:70	<1	:MO	:none													
					115:70	1	:MO + QZ	:none					91%	119		100					
					116:55	2	:MO + QZ	:none													
			120		119:30	5	:QZ	:none													
120.0 - 130.0: EQM (as above) - v. wk KA alt'n; minor shear @ 129.5; tr PY in stringers, cubes; wk. stwk mvnlts (9)					120:80	3	:QZ	:none										10849		0.033	
					121:35	<1	:MO	:none													
					122:50	7	:QZ + MO	:KF					0%	129		100					
					124:60	1	:QZ + MO	:none													
			130		129:??	15	:QZ + MO	:none													
130.0 -140.0: EQM (as above) - v. wk. KA alt'n; sheared w/ rubble & lost core 131-133 and 133-136? (note: 139 block maybe 136); KF flooding w/ QZ vns 133-134; minor QZ stwk vnlts													39%	133		54		10850		0.046	
					134:75	5	:QZ	:none					99%	139		92					
			140		135:75	3	:QZ	:none													
140.0 - 150.0: EQM (as above) - v. wk. KA alt'n; minor shear @ 142; tr PY as stringers, mvnlts and dissem.													93%	142		100		10851		0.017	
					141:60	<1	:QZ + PY	:none					112%	149		100					
					143:70	2	:QZ + tr MO	:none													
			150		145:85	2	:MO + QZ + PY	:none													

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Rock Types & Alteration		**Graphic Log**				**Mineralization and Structures**					**Rock Qualities**						**Recovery**		**Assay Results**			
Lithology / Appearance		Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																			Estimate Grade: %MoS2	Estimate Grade: %MoS2	Combined	
150.0 - 160.0: EQM (as above) - no shears; v. wk KA alt'n; tr dissem PY and in stringers; tr dissem CP; wk stwk vnlts/mvnlts (8)						151:60	1	:QZ	:none										10852		0.011	
						152:72	2	:QZ	:none													
						155:30	3	:QZ + MO	:none					85%	159		100					
						155:80	1	:QZ + PY + MO	:none													
				160		158:30	1	:QZ + tr MO	:none													
160.0 - 170.0: EQM (as above) - less KF (possible granodiorite phase of EQM?); loc. dissem MO; no shears; v. wk. KA alt'n						162:10	1	:QZ	:none										10853		0.072	
						162:40	1	:QZ +tr MO	:none													
						163:67	1	:QZ	:none					52%	165		100					
						165:30	<1-2	:QZ	:none					63%	170		90					
				170		167:50	<1	:QZ + MO	:none													
170.0 - 180.0: EQM (as above) - less KF (granodiorite phase of EQM?); loc. dissem. MO; minor shear @ 179.5																			10854		0.061	
						172:45	3	:QZ	:none					66%	175		100					
						176:80	1	:QZ + MO	:none													
				180		177:65	3	:QZ	:KF	:black, streaky												
180.0 - 190.0: EQM (as above) - no shears; loc. dissem. MO; KF flooding w/ QZ vn/vnlt stwk 184-185						183:85	1	:QZ + PY + MO	:none					88%	180.5		91		10855		0.047	
						184:40	4	:QZ	:none					60%	186		100					
						185:60	5	:QZ	:KF													
				190		185:30	3	:QZ	:KF													
***190.0 - 200.0: EQM (as above)** - v. wk. KA alt'n; rubble @ 200'; loc. PY as dissem, in stringers and vnlts/mvnlts*																			10856		0.008	
						192:70	2	:QZ	:none					108%	192		86					
						192:35	1	:QZ	:none					68%	197		100					
				200		194:50	<1	:PY	:none													
200.0 - 210.0: EQM (as above) - v. wk. KA alt'n; sandy rubble @ 209';						202:30	<1	:QZ + tr MO :QZ	:none					45%	200.5		98		10857		0.009	
						203:35	<1	+ MO	:none					38%	203		100					
						204:40	<1	:QZ	:none					43%	207		100					
						205:65	5	:QZ	:none					0%	209		58					
				210		207:80	<1	:PY	:none													
210.0 - 220.0: EQM (as above) - v. wk. KA alt'n; sandy fault zone 217.5 - 220														*0%*	*213*		*100*		10858		0.022	
														10%	214		100					
														0%	217.5		48					
				220		219:??	<1	:QZ + MO	:KF													
220.0 - 230.0: EQM (as above) - v. wk. KA alt'n; fault zone w/ CY gouge @ 223-225.5; KF flooding 225.5-226.5; tr dissem. PY														83%	220.5		78		10859		0.008	
													221:50	72%	225.5		100					
						228:80	1	:QZ	:KF													
				230		228:60	1	:QZ	:none													

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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle / Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																	Estimate Grade %MoS2	Estimate Grade %MoS2	Combined	
230.0 - 240.0: EQM (as above) - wk. KA alt'n; rubble 238-239																	10871		0.004	
												72%	235.5		100					
			240		238:15	3	:QZ	:none				70%	240		100					
240.0 - 250.0: EQM (as above) - wk KA alt'n; rubble @ 245 and 247.5'																	10880		0.002	
					242:80	2	:QZ	:none				53%	245		100					
					245:85	1	:QZ	:none				60%	247.5		90					
			250		245:80	3	:QZ	:none												
250.0 - 260.0: EQM (as above) - wk. KA alt'n; rubble @ 252-253; tr PY in stringers																	10881		0.008	
					255:30	9	:QZ	:none				48%	254.5		100					
					256:15	3	:QZ	:none				44%	259.5		50					
			260		257:65	2	:QZ + MO	:none												
260.0 - 270.0: EQM (as above) - wk. KA alt'n; rubble and lost core 264-265'																	10882		0.007	
												35%	261		100					
											265:20	24%	265		94					
			270		263:15	<1	:QZ + MO	:none												
270.0 - 280.0: EQM (as above) - wk KA alt'n; sheared core @ 273 and 278																	10883		0.018	
					272:??	<1	:PY + MO	:none				54%	273		69					
					276:60	10	:QZ	:none				0%	277		100					
			280		279:00	1	:CA + HE	:none				24%	279		100					
280.0 - 290.0: EQM (as above) - wk. to loc. mod KA alt'n; rubble 282.5-282.5; rubble & lost core 285-290																	10884		0.006	
												22%	282.5		100					
			290				:none observed													
290.0 - 293.0: EQM (as above) - wk. KA alt'n																	10885		0.004	
293.0 - 297.0: Andesite dyke- dk gy/gr, post mineral; v. wk. porph. text. w/ PF to 1mm (2-3%); magnetic; no contact attitudes due to broken core; sheared w/ gouge 292.5 - 299.0												59%	292.5		46					
											299:20	40%	299		100					
			300				:none observed													
297.0 - 310.0: EQM (as above) - wk KA alt'n; sheared w/rubble +/- lost core 302-303 and 308-309																	10886		0.003	
												0%	305		100					
					302:50	15	:QZ	:none				6%	309		71					
			310		302:25	3	:QZ + MO	:none												

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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
										Fractures								Sample Number		%MoS2	
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																		Estimate Grade		Combined	
																		%MoS2	%MoS2		
310.0 - 320.0: EQM (as above) - wk KA alt'n; fault zone 310-314.5 w/ sand and lost core; andesite dyklet 10 cms @ 319' (no cnt. attitudes due to sheared core)			320				:none observed					320:70	0% 26% 48%	316 317 320		36 100 83		10867		0.002	
320.0 - 330.0: EQM (as above) - wk KA alt'n; rubble @ 320-323 and 327-328;			330				:tr PY/CP in mvnlts		:no attitudes due to broken core			322:60	67%	329		100		10868		0.001	
330.0 - 340.0: EQM (as above) - wk KA alt'n; sheared core 331-332; tr PY in mvnlts			340		334:00 335:50	2 1	:QZ + MO :CA	:none :none				331:50	42% 78% 36%	331 335 339		92 100 100		10869		0.012	
340.0 - 349.5: EQM (as above) - wk KA alt'n; rubble 346-348 and 349-349.5; KF flooding 348.5-349.5; tr PY in stringers			350		349:70	1	:QZ	:KF					42% 17% 58% 0%	343 345 348 349.5		100 100 94 100		10870		0.007	
EOH @ 349.5'																					

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Section							ENDAKO MINES															Hole No.	S-04-03		
																						Sheet No.	1	of	5
Location				Denak East			Bearing		7			Latitude	33180N		Core Size		NQ2		Logged By		C.J. Wild			
Date Collared				January 9, 2004			Length		350'			Departure	24344E		Scale of Log				Date		10-Jan-04			
Date Completed				January 10, 2004			Dip		-90			Elevation	3126elev		Remarks		Northeast section of Denak Pit							

Rock Types & Alteration							Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
																Fractures								Sample Number		%MoS2	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																								Estimate Grade		Combined	
																								%MoS2	%MoS2		
20	40	30	10	cgr	3	Approx 4' of rubbly QM recovered, much of it redrilled. **Cased to 10 feet.**	QM	mod kaol	10				Occasional thin MoS2 vnlts (chips).						0%	10		30%		10803		0.003	
						Endako Quartz Monzonite: mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	mod kaol	20				Minor f-gr MoS2 in qtz-vnlts, caught in extensive shearing.		Poor recovery. Rubbly, mod to str kaol throughout.					6%	16		33%		10804		0.012	
						22.5-23.5: Fault; 20-30cm of pale greenish and dark grey clay gouge.	QM	mod kaol	30		20: 75 21: ?? 29: 70	10mm 20cm+ 1mm	White qtz vnlt. Min MoS2 in shear. Ser-hem (kaol) slip.	none kaol kaol	No MoS2. Gougy shear. Minor structure.					8% 13%	20.5 29		50% 88%		10805		0.028	
						Continuing mod-str kaol altn- moderately sheared.	QM	mod kaol	40		33: 70 37.5: 70 40: 70	1mm 1mm 1mm	White clay slip. Gougy clay slip. Gougy clay slip.	kaol kaol kaol	Top shear zone. Planar shear. Minor structure.					28% 5%	32 38.5		100% 100%		10806		0.015	
						40-41: And Dyke; med green, f-gr, str sheared. Clay at contacts washed out.	QM	mod kaol	50		42: 90 44: 55 45: 45 48: 90 49: 70	2cm 2cm 1-2cm 2-3mm 2mm	Green gouge. Pale greenish gouge. Qtz frags in gouge. Dark greenish gouge. Clay gouge, MoS2.	clay clay clay clay clay	Part of dyke? Common feature. Same shear above. Planar slip.					8% 15%	44 49.5		92% 100%		10807		0.022	
						QM becoming pinker, slightly less sheared from 45'. **56-59: Fault**; strong pale clay gouge.	QM	mod kaol	60		52: 45 54: 50 56: 50	1mm 1mm 1mm	Top of shear. Dark green clay slip. Top of fault.	clay clay clay	52-53: Rubbly. Minor structure. Mod fault.					11% 6%	53 59		83% 81%		10808		0.026	
						64-65: Fault; fine clay gouge rubble, loss of recovery. 65-69: Rubbly, less caly gouge, brittle.	QM	mod kaol	70		61: 80	10mm	White qtz vnlt.	none	Minor f-gr MoS2.					19% 0%	65 68		81% 67%		10809		0.006	

Section							ENDAKO MINES																	Hole No.	S-04-03		
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Rock Types & Alteration								Graphic Log				Mineralization and Structures					Rock Qualities							Recovery		Assay Results			
																	Fractures									Sample Number		%MoS2	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness		Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																									Estimate Grade		Combined	
																									%MoS2	%MoS2		
20	40	30	10	cgr		5	**Endako Quartz Monzonite**: mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	mod kaol	80		71.5: 50 72.5: 30 74: 40	1mm 1mm 1mm	MoS2 on fracture. MoS2 slip. Blk clay gouge slip.	none kaol clay	Good MoS2. Top of shear. Poss MoS2. 74-75: Fault; ggy, loss of recovery.	10 20 30 40 50 60 70 80 90			12% 20% 0%	71.5 75 79		95% 86% 50%		10810		0.042	
							75-104: Mod fracturing throughout. Less gougy, more brittle.	QM	wk kaol	90		81: 55 84: 35 89: 30	1mm <1mm 1mm	Qtz-MoS2 vnlt. MoS2 on fracture. Pale green clay slip.	none none none	Very f-gr. Good MoS2. Planar.	10 20 30 40 50 60 70 80 90			0% 0% 0% 11%	81 84 87 90		100% 75% 100% 117%		10811		0.011	
							Planar angular fractures.	QM	wk to mod kaol	100		93: 40 98: 20 99: 40	<1mm <1mm 1mm	Hem-chl slip. Rough planar frac. Sandy fracture.	none none none	Weak slicks. No 2nd minerals. Minor shear.	10 20 30 40 50 60 70 80 90			8% 0%	95 99		90% 88%		10812		0.015	
							Mod fractured to 104'. 104: Sharp drop in fracture density, continues weak to mod kaol altn.	QM	wk to mod kaol	110		101: 40 108: 25 109: 20	1mm 15mm 1mm	Black clay gg slip. Pale greenish gouge. Rough, curved frac.	kaol kaol kaol	Planar slip. Mod planar shear. Ser-clay-cal.	10 20 30 40 50 60 70 80 90			0%	104		85%		10813		0.008	
							Only traces of MoS2 and little veining.	QM	wk to mod kaol	120		113:50 114: 50 118: 50 118: 50 118.5: 70	1mm 1mm 1mm 2cm 1mm	Pale green clay-ser. Pale green clay-ser. Qtz-MoS2 vnlt. Gougy clay slip. MoS2 on clay slip.	kaol kaol none kaol kaol	Planar slip. Polished slip. Weak, f-gr. Weak fault. Good MoS2.	10 20 30 40 50 60 70 80 90			78%	114		100%		10814		0.091	
							Continuing weakly fractured, quite competent. 121.5: Two 5-7cm rounded xenoliths.	QM	wk to mod kaol	130		123: 50 124:15 125:50 126:80 128:60	<1 1 1 1 1	:C-gr flattened py. :QZ + MO :QZ + MO :QZ :MO + QZ	:none :none :KF :none :none	:planar fracture :KF overprint :	10 20 30 40 50 60 70 80 90			71% ?%	124.5 129		100% 100%		10815		0.047	
130.0 - 140.0: EQM (as above) - rubble 135.0 - 139.0; wk to mod KA alt'n **core was split prior to logging**										140		130:78 132:40 134:52 137:30 139:??	5 <1 1 2 <1	:QZ :MO :QZ :QZ :MO	:none :none :none :none :none	: :slickensides : : :	10 20 30 40 50 60 70 80 90			0% 0% 48%	135 137 139		94% 96% 100%		10816		0.076	
140.0 - 150.0: EQM (as above) - sheared 144.0 - 150.0; wk to mod KA alt'n										150		142:05 148:00 148:15	<1 2 <1	:MO :QZ + MO :MO	:none :none :none	:slickensides : :slickensides	10 20 30 40 50 60 70 80 90		144:??	52% 67%	144 149		100% 100%		10817		0.084	

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Section		ENDAKO MINES																Hole No.	S-04-03		
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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities							Recovery		Assay Results			
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein (mm)	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																		Estimate Grade: %MoS2	Estimate Grade: %MoS2	Combined	
150.0 - 160.0: EQM (as above) - sheared w/ loc. rubble 152.0 - 153.0 and 157.0; wk to mod KA alt'n					152:20	<1	:MO + QZ	:none													
					152:40	3	:QZ	:none					57%	150		100%		10818		0.075	
					156:45	2	:MO + QZ	:none					46%	152.5		100%					
					157:70	1	:PY + MO + QZ	:none					40%	157		89%					
			160		158:80	2	:PY + MO + QZ	:KF													
160.0 - 170.0: EQM (as above) - sheared @ 168; wk to mod KA alt'n																					
													22%	164		92%		10819		0.017	
					160:70	<1	:MO + QZ + PY	:none													
			170		166:50	<1	:PY	:none													
170.0 - 180.0: EQM (as above) - loc. sheared w/ rubble @ 170.0 and 177.0; wk to mod KA alt'n					171:82	2	:QZ + tr MO	:none	:												
					171:25	<1	:MO	:none	:slickensides				27%	171.5		98%		10820		0.041	
					174:70	2	:QZ	:none	:				28%	174		100%					
178.0 - 179.5: Andesite dyke - dk gy/gr w/ 10% PF phenos to 2mm; wkly mag.; cnts @ 60° to core axis;					174:75	<1	:MO + QZ	:none	:				39%	177		100%					
			180		177:60	<1	:QZ + PY	:none	:												
180.0 - 190.0: EQM (as above) - rubble @ 188.5; wk to mod KA alt'n					182:33	1	:QZ	:none	:												
					186:35	15	:QZ	:none	:bxia vnlt				56%	180.5		100%		10821		0.04	
					188:70	4	:MO + QZ + PY	:none	:				80%	188.5		93%					
			190		189:52	<1	:PY	:none	:												
190.0 - 200.0: EQM (as above) - rubble @ 193.5; wk to mod KA alt'n					192:41	2	:QZ	:none	:												
					193:65	<1	:QZ + PY + tr MO	:KF	:x-cut QZ vnlt									10822		0.013	
					195:65	1	:MO + QZ	:none	:				72%	193.5		100%					
					197:53	<1	:MO	:none	:												
			200		198:62	2	:QZ	:none	:												
200.0 - 210.0: EQM (as above) - rubble @ 201.5; wk to mod KA alt'n					201:77	<1	:PY + MO	:none													
					203:70	1	:QZ	:none					13%	201.5		97%		10823		0.018	
204.0: Aplite dyklet - 16 mm wide, 42° to core axis					208:75	<1	:QZ + MO	:none					74%	204		100%					
					208:72	<1	:QZ	:none					71%	207.5		100%					
			210		209:78	<1	:QZ + MO	:none													
210.0 - 220.0: EQM (as above) - rubble @ 219.5 and 225; wk to mod KA alt'n; loc. dissem. PY					210:75	3	:QZ + MO	:none													
					211:35	<1	:PY + QZ	:none					80%	214		100%		10824		0.069	
					213:70	2	:QZ + MO +PY	:none					52%	219		100%					
					216:60	2	:QZ + PY	:none													
			220		217:80	<1	:PY + tr MO	:none													
220.0 - 224.5: EQM (as above) - rubble @ 225																		10825		0.006	
224.5 - 225.0: Andesite dyke - dk gy/gr post mineral; no cnt attitudes available													52%	228.5		100%					
			230		221:65	3	:QZ	:none	:												
					226:05	<1	:CB	:none	:sheeted vnlts (3)												

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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities							Recovery		Assay Results			
										Fractures		Slickensides							Sample Number		%MoS2	
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																		Estimate Grade		Combined	
																		%MoS2	%MoS2		
225.0 - 227.5: EQM (as above) - wk to mod KA alt'n																		10826		0.003	
227.5 - 241.5: Andesite dyke - dk gy/gr, post-mineral, wkly amygdaloidal, wk. mag, non-porph.; upper cnt chilled at 75°; lower cnt not observed			240				:none observed						67%	236		100%					
241.5 - 248.0: EQM (as above) - wk to mod KA alt'n					243:10	<1	:MO	:none	:slickensides				37%	242		100%		10827		0.023	
					243:30	10	:QZ	:none	:sheared				30%	249		83%					
248.0 - 254.0: Andesite dyke - dk gy/gr, non-amygdaloidal, v. wk. PF phenos to 1mm; mod. mag.; no cnt attitudes observed due to broken core; stoped inclusions of EQM					245:15	1	:QZ + MO	:none	:												
			250		245:25	2	:QZ	:none	:												
254.0 - 260.0: EQM (as above) - wk to mod KA alt'n; sheared @ 254-256																		10828		0.009	
					256:45	<1		:none	:slickensides				30%	255		94%					
			260		260:05	2	:MO :CA	:none	:												
260.0 - 270.0: EQM (as above) - wk. to mod. KA alt'n; rubble @ 261-262; shear 265 - 266					264:10	1	:PY + QZ + MO	:none										10829		0.018	
266.0 - 266.5: Andesite dyke - cnts @ 20° to core axis					264: na	10	:CB stwk	:none					76%	262		100%					
266.5 - 271.0: CB stwk (vns & vnlts)					267:70	2	:QZ	:none					98%	269		100%					
			270		269:70	1	:QZ	:none													
270.0 - 280.0: EQM (as above) - wk to mod KA alt'n; fault gouge @ 273																		10830		0.009	
					271:80	10	:QZ	:none					40%	271.5		93%					
					271:80	<1	:MO	:none					63%	276		100%					
			280		272:90	1	:QZ + MO + tr PY	:none													
280.0 - 290.0: EQM (as above) - wk to mod KA alt'n; rubble 289-290																		10831		0.007	
					282:53	<1	:PY + QZ	:none					57%	283		98%					
					289:65	1	:QZ + MO	:none					52%	287		100%					
			290																		
290.0 - 294.5: EQM (as above) - wk to mod KA alt'n; no shears																		10832		0.002	
294.5 - 299.0: Andesite dyke - med gy/gr, 5-10% PF phenos to 3mm, non-mag; cnts @ 45° to core axis													55%	294		100%					
			300		290:10	2	:QZ	:none													
299.0 - 310.0: EQM (as above) - wk to mod KA alt'n; no shears					302:25	<1	:QZ + PY + CL	:none	:									10833		0.007	
					303:70	2	:QZ	:none	:												
306.0 - 307.0: Andesite dyke - upper cnt. @ 20° to core axis; lower cnt. not observed					305:25	1	:QZ + PY + MO	:KF	:				76%	304		100%					
					305:25	2	:QZ + MO + PY	:KF	:10cm KF flooding												
			310		309:60	2	:CA	:none	:												

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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																		Estimate Grade: %MoS2	Estimate Grade: %MoS2	Combined	
310.0 - 320.0: EQM (as above) - wk to mod KA alt'n; shear @ 319					313:80	1	:QZ + tr MO	:none										10834		0.009	
					313:70	<1	:CL + CB	:none					71%	313		100%					
					314:75	<1	:CL + PY	:none				319:20									
					316:50	<1	:MO + PY + QZ	:none					33%	318		97%					
			320		316:40	5	:QZ	:none													
320.0 - 330.0: EQM (as above) - wk to mod KA alt'n; shear zone 325.0 - 327.5					320:50	2	:QZ + MO	:none										10835		0.012	
					321:50	13	:QZ	:none					69%	323.5		88%					
					323:25	10	:QZ	:none				325:10									
			330		329:70	2	:QZ	:none					62%	329		92%					
330.0 - 340.0: EQM (as above) - wk to mod KA alt'n; rubble & lost core 331.0 - 332.5; rubble @ 338																		10836		0.009	
													24%	332.5		83%					
													92%	338		100%					
			340		337:50	1	:QZ	:none										-			
340.0 - 350.0: EQM (as above) - wk to mod KA alt'n; 10cm rubble and sand (fault?) @ 343; rubble @ 345.5, 347, and 350																		10837		0.013	
													46%	342.5		96%					
													72%	347		100%					
			350		343:50	15	:QZ + tr MO	:none					88%	350		100%					
350' = END OF HOLE																					

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Section		ENDAKO MINES			Hole No.	S-04-04		
					Sheet No.	1	of	4
Location	Denak East	Bearing	7	Latitude	33244N	Core Size	NQ2	Logged By	C.J. Wild
Date Collared	January 8, 2004	Length	300	Departure	24155E	Scale of Log		Date	09-Jan-04
Date Completed	January 9, 2004	Dip	-55	Elevation	3104 elev	Remarks	Northeast section of Denak Pit		

Rock Types & Alteration							Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
																Fractures								Sample Number		%MoS2	
																								Core	Sludge	Core	Sludge
																								Estimate Grade		Combined	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	%MoS2	%MoS2		
						Cased to 10 feet.	QM	wk to mod kaol	10						No significant recovery.				0%	10		0%						
20	40	30	10	cgr	5	**Endako Quartz Monzonite:** mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	mod kaol	20		11: 60 12: 60 13: ?? 18: 70 20: 30	<1mm <1mm 2cm <1mm <1mm	MoS2 on fracture. MoS2 on fracture. Wet clay gg, MoS2. Blebby py on frac. MoS2 on frac.	none none none none none	Minor, in rubble. Weak MoS2. MoS2 chips in gg. Several grains. Good MoS2, py.					14% 0%	17 19		100% 95%		10774		0.045	
						Continuing mod to str-fractured but weakly weathered. 25-28: Str fractured.	QM	mod kaol	30		22: 45 28: 30 30: 30	<1mm 1mm 1mm	MoS2 on fracture. Strong MoS2 on frac. Str kaol altn on frac.	none none Kf	Cut by fracs. Sooty MoS2. Altered.					0% 0%	22 28		95% 80%		10775		0.044	
						Less fractured but still mod altered.	QM	mod kaol	40		33: 60 36: 85 37.5: 60 39: 35	5mm 1cm 1mm 1mm	Qtz-MoS2 vnlt. Clay gg, MoS2 frac. MoS2 on fracture. Soft MoS2 on frac.	kaol kaol none none	MoS2 selvages. MoS2 on slip. Patchy MoS2. Strong MoS2.					47% 75%	33 36		90% 100%		10776		0.095	
						Less fractured but still mod altered.	QM	mod kaol	50		43: 60 45: 50 46: 55 47: 65 50: 25	1mm 1-2mm 1-2mm 8cm 1mm	MoS2 on irreg frac. MoS2 on clay slip. MoS2-qtz-clay slip. Ggy flt; streaky MoS2 Str MoS2 on frac.	kaol kaol kaol kaol none	Strong clay. Probable vnlt. Good MoS2. Strong kaol. Planar, rough.					19% 0% 53%	43 45 47		82% 67% 150%		10777		0.076	
						Weakly fractured. 57-68: Pale greenish - chl? Decreasing MoS2.	QM	mod kaol	60		53: 40 56: 20 58: 20	1mm 1-2mm 1-2mm	Ser-clay-hem-cal. Qtz-MoS2 vnlt. Clay-ser gg.	kaol none kaol	Minor ggy flt. Unsheared. Ggy shear.					31% 83%	52 59		93% 100%		10778		0.029	
						Incr fracturing, modest MoS2.	QM	mod kaol	70		61: 60 62: 80 62.5: 45 65: 50 68: 10	1mm 10cm 1mm <1mm 2mm	Hem-MoS2 slip. Kf-qtz flooded. MoS2 on frac. MoS2 on frac. Gougy slip.	kaol Kf wk Kf none kaol	Chl-hem altn. Diffuse zone. Smeared MoS2. Planar, rough. MoS2 on x-frac.					59%	68		87%		10779		0.038	

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																	Fractures									Sample Number		%MoS2	
																										Core	Sludge	Core	Sludge
																										Estimate Grade		Combined	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	%MoS2	%MoS2		
20	40	30	10	cgr	5	**Endako Quartz Monzonite**: mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	wk to mod kaol	80		73: 65 73: 50 75: 0	<1mm <1mm <1mm	MoS2 on rough frac. Smeared MoS2. Patchy MoS2.	none none kaol	Incr competent. Strong MoS2. No obvious struc.				19% 63%	72 78		85% 111%		10780		0.035	
						Kaol altn most intense around frac-veins. Incr MoS2 but less fracs.	QM	wk to mod kaol	90		81: 30 86: 15 88: 15 88.5: 10 *89: 30*	1mm 1cm 2-3mm 1-2mm *1-2mm*	MoS2 on clay slip. Gougy slip. Qtz-MoS2 vnlt. Erratic qtz-MoS2. *Str MoS2-qtz vnlt*	kaol kaol wk Kf wk Kf *wk Kf*	Good MoS2. Clay-ser-cal. Cut by ser-hem. Stwk MoS2. *Ggy slip.*				63% 65%	86 90		90% 100%		10781		0.091	
						Numerous low angle (to c.a.) gougy fractures, min MoS2. Py continues rel common.	QM	wk to mod kaol	100		90: 10	5mm	Strong kaol-ser slip.	kaol	Sig ggy frac.				64%	96		100%		10782		0.045	
						Sudden increase in qtz veining, usually with minor MoS2. 101-103: Qtz vn stwk.	QM	wk to mod kaol	110		105: 20 106: 40 110: 75	6mm 1cm 2cm	White qtz, MoS2 selv. Qtz-MoS2 vnlt, ggy. Diffuse qv, min py.	wk Kf kaol ser?	Part of qv stwk. Sig slip. MoS2?				65% 53%	103 109		100% 83%		10783		0.068	
						Continuing slightly greenish - ser? 117: Loss of recovery at mineralized structure - sig break.	QM	wk to mod kaol	120		117: 75 118: 90 120: 45	7cm 1mm 1mm	Qtz-MoS2-py stwk bx. Clay-MoS2 mix. Qtz-MoS2 vnlt	kaol kaol kaol	Abrupt contact. Str kaol altn. MoS2 smeared on fracture @ 70 to c.a.				58% 88%	115.5 119		96% 95%		10784		0.12	
					3	Pale greenish colour reflects strong kaol (+ser?) altn. Sig loss of recovery at minor faults.	QM	str kaol	130		124: 30 125: ?? 128.5: 50 129: 65	1mm 2mm <1mm <1mm	Clay-ser-hem slip. MoS2-py-hem bleb. Polished ser-clay slip. Polished ser-clay slip.	kaol kaol kaol kaol	Planar, smooth. Poss disrupted qv. Part of shear zone.				32%	128		76%		10785		0.021	
						Continuing strongly sheared and argillically altered. **138-140: Fault**; 4" of clay gouge recovered.	QM	str kaol	140		131: 75 131: 75	1mm 20cm	Strong MoS2 on frac. Bx'd Kf-flooded zone.	kaol Kf-kaol	Poss vnlt. Strong shear. 132: Harder, more competent.				47%	138		81%		*10786*		*0.135*	
						140-147: And Dyke; pale grey to pinkish (hem), f-gr. **147-170: EQM**; pale grey to pinkish, c-gr.	QM	str kaol	150		143: 25 144: 20 147: 35	20cm <1mm 1-2mm	Slice of EQM, chilled. L/c bx'd dyke, hem. L/c on str clay slip.	hem hem clay	138-142: Rubble. Hem-clay slips. Dyke is bx'd.				0% 86%	142 149		38% 106%		10787		0.048	

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																									Core / Sludge	Core / Sludge
																									Estimate Grade	Combined
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Stickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	%MoS2 / %MoS2	
20	35	35	5	c-gr	3 5	EQM; strongly altered and sheared. Mottled texture. 156-167: Pinkish hue, much harder.	QM	str kaol ---- mod kaol	160		150: 50 154: 60 156: 20	1mm 3-4cm 1-2mm	Ser-hem slip, slicks. Hem slips, vnlts. Planar ggy slips.	kaol hem kaol	Curved plane. Str rusty red. Very clayey.	10 20 30 40 50 60 70 80 90		70	95%	159		100%		10788	0.052
						Pale pinkish grey, mottled with str Kf *envelopes on hem vnlts.*	QM	mod kaol	170		161.5: 45 162: 40 166: 35 167: ?? 168: 80	3mm 1mm *1mm* >5cm 9mm	Qtz-MoS2 vnlt. Hem stringer. *Planar clay slip.* Flt, black cay seam. White qv, min py.	none str Kf *Kf* kaol kaol	MoS2 selvages. 5mm envelope. *2-3mm envelope.* Rubbly kaol. No MoS2.	10 20 30 40 50 60 70 80 90			40%	167		84%		10789	0.027
						170-176.5: And Dyke; med grey green, f-gr, same as 140-147'. **176.5: EQM;** same pinkish green-grey.	QM	mod kaol	180		170: 50 171: 35 175: ?? 176.5: 10 179: 25	6cm 1mm 40cm 1mm 1mm	Fault at top of dyke. Planar red hem slip. Intense cal stwk. Sharp, erratic contact. Series chl-hem fracs.	clay Kf? Cal kaol +/-Kf	Intensely sheared. Str 1cm envelope. Fracture zone. Not str sheared. Rough, not planar.	10 20 30 40 50 60 70 80 90			28% 43%	175 179. 5		104% 111%		10790	0.012
						181-187.5: Wk kaol, hard, c-gr.	QM	mod kaol	190		181:25 181: 70 184: 50 187.5: 45 188: 30	2mm 6mm 1mm 2cm 5cm	Clay gouge slip. Pale grey qtz vn. Chl fracture. Pale grey clay gouge. Green clay gouge.	Kf Wk Kf Str Kf clay clay	10cm ggy flt. No sx's. No sx's Med fault. Sheared dyke.	10 20 30 40 50 60 70 80 90			0% 43%	183 188		71% 100%		10791	0.017
						Coarse white-pink QM.	QM	wk kaol	200		192: 80 199: 50	1mm 1mm	Clay-chl slip. Clay-chl-cal slip.	str Kf str Kf	Break to wk altn. Minor structure.	10 20 30 40 50 60 70 80 90			60%	196		100%		10792	0.009
						Incr kaol altn. **201.5-206: And Dyke;** soft, pale greenish grey, as before. Well-fractured.	QM	mod kaol	210		201: 35 201.5: 40 206: 25 207.5: 40	1mm <1mm 1mm 1mm	Clay (kaol) slip. Sharp planar contact. Sharp l/c. Chl-clay-hem frac.	kaol kaol kaol Kf	Planar, crumbly. Not str sheared. Sheared, bx'd. Pale greenish to pink to mod kaol.	10 20 30 40 50 60 70 80 90			45% 27%	201 206		100% 100%		10793	0.023
						Continuing mod alt'd & fractured. 215-216, 218-219: Mod brittle frac.	QM	mod kaol	220		214: ?? 214: 30 219: 55	2mm 1mm <1mm	Fine MoS2 grains. Planar clay slip. Bottom shear.	Kf kaol kaol	Sheared qv, kaol. Decr kaol altn. Minor structure.	10 20 30 40 50 60 70 80 90			53% 13%	215. 5 219		100% 100%		10794	0.028
						220-223: Mod frac; incr kaol altn. 228.5-235: Mod to str fractured.	QM	mod kaol	230		222: 35 226: 30 227: 35 227.5: 40	1mm 3cm 1-2mm 2mm	Black clay seam Strong clay shear. MoS2-qtz vnlt. Qtz-MoS2 vnlt.	kaol kaol str Kf wk Kf	Sharp planar. Soft gouge. Sheared. Less sheared.	10 20 30 40 50 60 70 80 90			15% 39%	221. 5 227		80% 108%		10795	0.031

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																	Fractures									Sample Number		%MoS2	
																										Core	Sludge	Core	Sludge
																										Estimate Grade		Combined	
Qtz	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	%MoS2	%MoS2		
20	40	30	10	cgr	4	**Endako Quartz Monzonite:** mottled, cream & pink; coarse grained to weakly porphyritic, KF to 1cm.	QM	mod kaol	240		230: 55 238: 45	1mm 1mm	Planar clay slip. Blk gg, MoS2 slip.	kaol str Kf	One of many. 238-240: Mod frac.	10 20 30 40 50 60 70 80 90			7% 0% 39%	232 235 239		100% 100% 100%		10796		0.016	
						Continuing mod fractured & alt'd. **247-259.5: And Dyke;** pale green, f-gr, Kf-flooded sections.	QM	mod kaol	250		242: 50 245.5: 90 246: 50 246: 40 247: 60	30cm 5mm 2cm 15cm 1mm	Str kaol altn, sheared. Qtz-MoS2 vnlt. Qtz-MoS2 vein. Pale grey clay gouge. Sheared u/c, veined.	kaol wk Kf kaol kaol kaol	Weak shear. Weak MoS2. MoS2 selvages. Mod fault. Soft but comp.	10 20 30 40 50 60 70 80 90			11% 41%	242 246.5		92% 87%		10797		0.062	
						250: 15cm Kf, f-gr. 251-253: Gougy & rubbly shear in dyke. --- **259.5-300: EQM**	And	mod kaol	260		250: 20 251: 45 257: 20 259.5: 40	1-2mm 1mm 1mm <1mm	MoS2 vnlt. Dark clay-MoS2 slip. Cal vnlt on frac. Unsheared dyke l/c.	Kf clay none none	Undulating slip. Ss @ 80 to md. Planar, unsheared. Intr contact.	10 20 30 40 50 60 70 80 90			53% 38% 48%	253 255 258.5		90% 117% 105%		10798		0.049	
						Pale pinkish, med to c-gr, more wkly fractured & altered.	QM	wk kaol	270		261.5: 80 266: 25 266: 50	4mm 1mm 5mm	White qtz vnlt. Ser-cal frac; MoS2. Pale green clay gg.	wk Kf wk Kf str Kf	No MoS2 id. 2mm blebby MoS2. Minor planar flt.	10 20 30 40 50 60 70 80 90			43%	264.5		100%		10799		0.008	
						Weakly fractured & alt'd. 278-281.5: Str kaol altn.	QM	wk kaol	280		272: 20 273: 15 274: 75 276: 60 278: 80	1mm 1mm 3mm 4mm 1mm	Cal-ser fracture. MoS2 on fracture. Pale grey qtz vnlt. Pale grey qtz vnlt. MoS2 on ser frac.	none none none none kaol	Planar, rough. Str MoS2. 3-4 other qv's. No MoS2. Weak MoS2.	10 20 30 40 50 60 70 80 90			59% 64%	271 278		115% 100%		10800		0.013	
						Hard, weakly fractured from 281.5-289'.	QM	wk kaol	290		281: 50 281: 30 284: 50 285: 60	1mm 1mm 5mm 15mm	Dark grey clay gg. Pale green clay gg. Pale grey qv; min py. Pale grey qv.	clay kaol none wk Kf	Seam in str kaol. Curved slip plane. Trace MoS2 selv. Tr MoS2, hem, py.	10 20 30 40 50 60 70 80 90			45% 76%	284 289.5		86% 118%		10801		0.009	
						Slight increase in fracturing & altn.	QM	wk kaol	300		291: 70 292.5: 80 293: 55 297: 65 298: 40	5mm 1mm 1mm 1mm 1cm	Grey qtz vnlt. Epi-MoS2 on frac. Pale green ggy frac. Str hem on frac. Milky qtz vnlt, diffuse.	none str Kf str Kf hem none	No MoS2 id. Weak MoS2. Min structure. Rough fracture. Minor f-gr MoS2.	10 20 30 40 50 60 70 80 90			61% 40% 38%	294 298 300		100% 110% 83%		10802		0.014	
						300' = END OF HOLE										10 20 30 40 50 60 70 80 90												

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Location	Endako East	Bearing	7	Latitude	30488N	Core Size	NQ2	Logged By	D. Hanson		
Date Collared	Jan 11 2004	Length	500'	Departure	34862E	Scale of Log		Date	Apr. 2004		
Date Completed	Jan 12 2004	Dip	-46 *(acid @250 -46, @500 -46*	Elevation	3130 elev	Remarks					

Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
										Fractures								Sample Number		%MoS2	
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																		Estimate Grade		Combined	
																		%MoS2	%MoS2		
0.0 - 69.0: Overburden with cored boulders										10 20 30 40 50 60 70 80 90				69							
			70																		
69.0 - 80.0 : Endako Quartz-Monzonite (EQM)- pink to lt. grey mottled, wkly KA+MS altered (PF zoned with altered cores), wkly magnetic, cgr to wkly porph. texture, 10% mafics, loc. mafic rich inclusions; rubbly core 79.5 - 80.0									:LI + PL (pyrolusite) on fracts.	10 20 30 40 50 60 70 80 90			10	78.5		46		11251		0.010	
			80		80:75	90	:QZ + tr MO	:none	;												
80.0 - 90.0: EQM (as above) - str. fractured core w/ loc shears; rubbley core 83.0 - 85.0									:LI + PL on fracts. to 88.0	10 20 30 40 50 60 70 80 90			33	80		100		11252		0.017	
					82:70	<1	:MO	:none	:				9	84.5		100					
					86:55	1	:QZ	:none	:				11	88		62					
			90		89:40	1	:QZ + MO + PY	:none	:												
90.0 - 100.0: EQM (as above) - str. fractured core w/ loc. shears; rubbly core 95.0 - 96.0										10 20 30 40 50 60 70 80 90			40	93		100		11253		0.033	
													0	94		100					
					93:60	<1	:MO	:none					0	99		55					
			100		99:53	<1	:MO	:none													
100.0 - 110.0: EQM (as above) - str. fractured core w/ loc. shears; sheared 102 - 103					101:72	3	:QZ + MO	:none		10 20 30 40 50 60 70 80 90			17	101		100		11254		0.071	
					104:65	<1	:QZ	:none					33	102		100					
					106:54	1	:QZ	:none					0	103		58					
					108:15	1	:QZ	:none					10	107		100					
			110		108:35	<1	:MO	:none													
110.0 - 120.0: EQM (as above) - str. fractured core w/ loc. shears; sheared 114.5 - 116.0					108:36	1	:MO + QZ + PY + CP	:none		10 20 30 40 50 60 70 80 90			48	112		100		11255		0.044	
					109:74	<1	:QZ + MO	:none					13	114.5		100					
					110:50	2	:MO + QZ	:none					0	116		100					
					113:48	1	:QZ + MO	:none					27	118.5		100					
			120		119:65	1	:QZ + MO	:none													
120.0 - 130.0: EQM (as above) - str. fractured core w/ loc. shears; rubbly core 128.5 - 129.5										10 20 30 40 50 60 70 80 90			20	121		100		11256		0.007	
													6	127.5		91					
			130		130:67	4	:QZ + MG	:none													

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Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																		Estimate Grade %MoS2	Estimate Grade %MoS2	Combined	
130.0 - 140.0: EQM (as above) - str. fractured core w/ loc. shears; rubbly 133.0 - 134.0 and 139.0 - 140.0													0	130.5		100		11257		0.018	
													12	134		100					
					130.:38	1	:QZ + PY	:KF					0	135		100					
			140		137:85	<1	:QZ	:none					0	138		75					
140.0 - 150.0: EQM (as above) - str. fractured core w/ loc. shears; rubbly 145.0 - 147.0																		11258		0.038	
													0	143		47					
					140:45	<1	:QZ + PY	:none					0	146		89					
			150		144:45	3	:QZ	:none													
150.0 - 160.0: EQM (as above) - str. fractured core w/ loc. shears; rubbly 155.5 - 156.0 and 157.5 - 159.5													9	150.5		83		11259		0.036	
													0	151.5		22					
					150:45	1	:QZ + MO	:none					33	155.5		100					
					153:66	<1	:MO	:none					0	159.5		100					
			160		155:73	<1	:MO	:none													
160.0 - 170.0: EQM (as above) - str. fractured core w/ loc. shears; rubbly 162.0 - 163.0 and 166.0 - 167.0 w/ mod. KA alt'n																		11260		0.050	
													10	163		100					
					162:68	<1	:QZ	:none					38	167		100					
					163:60	<1	:QZ	:none					28	171.5		100					
			170		167:65	1-2	:QZ + MO + PY	:none													
170.0 - 180.0: EQM (as above) - sheared core w/ mod. KA alt'n																		11261		0.028	
													0	175		90					
					170:50	2	:PY + QZ	:none					0	179.5		85					
			180		177:ne	<1	:MO	:none													
180.0 - 190.0: EQM (as above) - sheared core w/ mod. KA alt'n																		11262		0.065	
													0	183		86 86					
												185:20	0	186		100					
			190		189:50	35	:CA	:none					0	189							
190.0 - 200.0: EQM (as above) - sheared core w/ mod KA alt'n to 197.5; str. fractured core 197.5 - 200.0																		11263		0.024	
													0	195		100					
												197:45	0	199		100					
			200		197:32	<1	:MO	:none													
200.0 - 210.0: EQM (as above) - str. fractured core w/ loc. shears at 203.0 - 204.0, 206.0 -207.0, and 208.0 - 210.0																		11264		0.040	
					200:65	2	:QZ	:none					0	204		100					
					203:57	<1	:MO + HE	:none				203:20	9	208.5		100					
			210		207:35	<1	:MO	:none													

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Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																		Estimate Grade: %MoS2	Estimate Grade: %MoS2	Combined	
210.0 - 220.0: EQM (as above) - str. fractured core w/ loc. shears																		11265		0.047	
													11	211.5		78					
													22	213		100					
					214:57	3	:QZ + tr MO	:KF					0	215		92					
			220		216:??	<1	:MO + tr PY	:none					14	218.5		100					
220.0 - 230.0: EQM (as above) - str. fractured core w/o shears																		11266		0.068	
					220:60	<1	:QZ	:KF	:				13	223.5		100					
					222:15	<1	:MO	:none	:slickensides			222:15	13	229.5		100					
					222:45	2	:QZ + MO	:KF	:												
			230		228:58	1	:MO + QZ + PY	:none	:												
230.0 - 240.0: EQM (asabove) - str. fractured core w/ loc. shears; rubble w/ mod. KA alt'n @ 237.0 - 240.0																		11267		0.107	
					231:56	8	:QZ	:none					20	234		100					
					231:67	1	:QZ + MO + PY	:KF				237:42	17	237		94					
					233:68	10	:QZ + MO	:none													
					234:52	2	:QZ	:none	:QZ + MO vnlt x-												
			240		236/63	8	:QZ + MO	:none	cuts QZ vn @ 231												
240.0 - 250.0: EQM (as above) - str. fractured core w/ loc. shears																		11268		0.054	
					241:57	1	:QZ + MO	:none					31	241.5		100					
					242:57	6	:QZ	:none					44	247		100					
249.0: Aplite dyklet - 45 mm wide @ 65° to core axis					245:45	25	:QZ	:KF					56	250		100					
					247:58	6	:QZ	:none													
			250		248:55	5	:QZ + MO	:none													
250.0 - 260.0: EQM (as above) - str. fractured core w/ loc. shears;																		11269		0.039	
					250:60	3	:QZ						25	254		100					
					251:52	2	:QZ	:none				259:30	23	258		100					
					251:68	1	:MO + QZ + PY	:none													
					251:75	1	:PY + QZ + MO	:none													
			260		252:65	<1	:QZ + PY	:KF :KF													
260.0 - 270.0: EQM (as above) - str. fractured core w/ loc. shears; rubble 266-267; rubble w/ mod. KA alt'n																		11270		0.075	
													17	263		87					
													11	266		100					
			270		265:60	45	:QZ + tr MO	:none	:banded												
270.0 - 280.0: EQM (as above) - str. fractured core w/ loc. shears; shear zones w/ mod. KA alt'n @ 272.5 - 273.5 and 274.0 - 275.0																		11271		0.073	
					272:65	<1	:MO	:none					0	274		100					
					272:65	45	:QZ + MO	:none				273:50	31	280		100					
					277:60	2	:QZ + MO	:KF													
					278:65	2	:MO	:none													
			280		278:65	1	:QZ + MO	:none													
280.0 - 290.0: EQM (as above) - str. fractured core w/ loc. shears; 10 cm shear @ 284																		11272		0.122	
					283:58	1	:QZ + MO	:none													
					283:30	6	:QZ	:KF													
					286:30	4	:QZ	:KF				290:30	7	285		100					
					288:54	5	:QZ + MO	:none													
			290		290:30	<1	:MO	:none	:slickensides												

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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
										Fractures								Sample Number		%MoS2	
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																		Estimate Grade		Combined	
																		%MoS2	%MoS2		
290.0 - 300.0: EQM (as above) - str. fractured core w/ loc. shears; shear w/ mod. KA alt'n 296.5 - 297.5 (CA vnlts in hangingwall)												297:30	8	290.5		95		11273	0.076		
													8	297		100					
			300		296:60	1	:QZ + MO	:none													
					298:45	2	:QZ + MO	:none													
300.0 - 310.0: EQM (as above) - str. fractured core w/ loc. shears; shear @ 299.5 - 300.0; shear @ 303.0 - 305.0; shear @ 308.5 - 310.0 w/ mod KA alt'n												305:15	44	303.5		100		11274	0.058		
												308:53									
			310		308:53	<1	:MO	:none	:slickensides												
310.0 - 320.0: EQM (as above) - sheared core w/ mod. KA alt'n; loc. red, earthy HE												318:05	5	313.5		100		11275	0.085		
			320				:none observed											-			
320.0 - 330.0: EQM (as above) - str. fractured core w/ loc. shears to 326.5 then sheared core w/ mod. KA alt'n												326:15	40	323.5		100		11276	0.026		
			330		326:10	<1	:MO	:none	:slickensides												
330.0 - 340.0: EQM (as above) - sheared core w/ mod. KA alt'n to 335.0 then str. fractured core; loc. red, earthy HE												331:25	38	331		100		11277	0.008		
												340:20	66	339		100					
			340		339:33	2	:QZ	:none													
340.0 - 350.0: EQM (as above) - str. fractured core w/ loc. shears;												348:38	55	344.5		100		11278	0.018		
					348:70	25	:QZ + MO	:none													
			350		348:38	<1	:MO	:none	:slickensides												
350.0 - 360.0: EQM (as above) - str. fractured core w/o shears												354:33	46	352		100		11279	0.028		
													25	354		100					
													26	358.5		100					
			360		354:33	<1	:MO	:none	:slickensides												
360.0 - 370.0: EQM (as above) - mod. fractured core w/ loc. shears; v. weak KA alt'n												366:28	14	362		100		11280	0.010		
													57	369.5		100					
					365:43	2	:QZ	:none													
			370		367:38	2	:QZ	:none													

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Rock Types & Alteration		**Graphic Log**			**Mineralization and Structures**					**Rock Qualities**					**Recovery**		**Assay Results**					
										Fractures							Sample Number		%MoS2			
Lithology / Appearance		Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																			Estimate Grade		Combined	
																			%MoS2	%MoS2		
370.0 - 380.0: EQM (as above) - wkly fractured core w/o shears; v. wk. KA alt'n																			11281	0.031		
						374:30	2	:QZ + tr MO	:none					81	378.5		100					
				380		377:32	5	:QZ + MO	:none													
380.0 - 390.0: EQM (as above) - wkly to mod. fractured core w/o shears; v. wk. KA alt'n																			11282	0.015		
														52	384		100					
				390		383:40	2	:QZ	:none													
390.0 - 400.0: EQM (as above) - wkly to mod. fractured core; v. wk. KA alt'n; 10 cms CA stwk @ 400.0														69	393		98 100		11283	0.009		
														28	396		100					
				400		398:??	15	:QZ	:none					0	399							
400.0 - 410.0: EQM (as above) - mod. fractured core w/o shears; v. wk. KA alt'n																			11284	0.009		
						400:23	3	:CA + MO	:none					26	405		88					
						403:27	1	:QZ + tr MO	:none													
				410		410:30	<1	:QZ + tr MO	:none	:odd combinat'n												
410.0 - 420.0: EQM (as above) - wkly. fractured core w/o shears; v. wk. KA alt'n														72	411		85		11285	0.012		
								:MO dissem.	:					70	419		100					
				420		413:80	<1	:MO	:KF													
420.0 - 430.0: EQM (as above) - wkly fractured core w/o shears; v. wk. KA alt'n														60	423		96		11286	0.043		
														76	429		100					
				430		429:48	16	:QZ + MO + CP	:none													
430.0 - 440.0: EQM (as above) - mod. fractured core w/ loc shears						431:48	<1	:QZ + tr MO	:none	:									11287	0.016		
						435:26	<1	:QZ + MO	:none	:			438:27	51	437		100					
						438:27	<1	:MO	:none	:slickensides												
				440		438:60	5	:QZ + tr MO	:none	:												
440.0 - 450.0: EQM (as above) - mod. fractured core w/ loc. shears; v. wk. KA alt'n; rubble with mod. KA alt'n @ 445.0						441:33	1-2	:QZ	:none					57	441.5		100		11288	0.012		
						446:35	1	:QZ	:none					36	445		100					
						446:27	2	:CA	:none					30	447.5		100					
				450		448:45	<1	:QZ + MO	:none													

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Rock Types & Alteration		**Graphic Log**			**Mineralization and Structures**					**Rock Qualities**					**Recovery**		**Assay Results**				
Lithology / Appearance		Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																			Estimate Grade %MoS2	Estimate Grade %MoS2	Combined	
450.0 - 460.0: EQM (as above) - mod. to str. fractured core w/o shears; v. wk KA alt'n						450:45	19	:QZ	:none										11289	0.036		
						452:40	1-2	:QZ + MO	:none					83	454		96					
						455:60	2	:QZ + MO + tr CP	:none					0	455.5		100					
						456:40	<1	:QZ + MO :QZ	:KF					31	459		98					
				460		457:50	1	+ tr MO	:none													
460.0 - 470.0: EQM (as above) - str. fractured core w/ loc. shears; v. wk. KA alt'n														10	462.5		100		11290	0.014		
466.0: Aplite dyklet - 12 mm wide, irregular cnts														33	465		100					
469.0 - 470.0: sheared w/ loc. mod KA alt'n				470		466:??	12			:aplite				21	469		81					
470.0 - 480.0: EQM (as above) - sheared w/ loc str. fractured intervals; wk. to mod. KA alt'n														0	474		60 75		11291	0.023		
476.5: Aplite dyklet w/ irreg. sharp cnts; no attitude														0	476		100					
				480		480:25	2	:QZ	:none					33	479				-			
480.0 - 490.0: EQM (as above) - str. fractured core w/ loc. shears; rubble @ 483.0 and 488.0 - 490.0 w/ mod. KA alt'n														29	483		100		11292	0.013		
														44	488.5		100					
				490				:none observed														
490.0 - 500.0: EQM (as above) - sheared w/ wk to mod KA alt'n														41	494		100		11293	0.046		
													492/20	29	497.5		100					
				500		494:50	3	:QZ	:none					63	500		93					
EOH @ 500.0 ft.																						

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Location	Endako East	Bearing	7	Latitude	29888N	Core Size	NQ2	Logged By	D. Hanson
Date Collared	Jan 13 2004	Length	500'	Departure	34529E	Scale of Log		Date	Apr. 2004
Date Completed	Jan 15 2004	Dip	-57 (acid @250-57, @500'-58)	Elevation	3209 elev	Remarks	S-04-06 abandonded @ 45 deg 80' O/B		

Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
										Fractures								Sample Number		%MoS2	
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																		Estimate Grade		Combined	
																		%MoS2	%MoS2		
0.0 - 70.0: Overburden with cored boulders			70											69							
70.0 - 80.0 : Endako Quartz-Monzonite (EQM)- pink to lt. grey mottled, wkly KA+MS altered (PF zoned with altered cores), wkly magnetic, cgr to wkly porph. texture, 10% mafics, loc. mafic rich inclusions; rubbly core			80				:none observed						0	79		8		11294	0.014		
80.0 -90.0: EQM (as above) - strly fractured to loc. sheared core;													0	82		50		11295	0.024		
82.0 - 83.0: Andesite Dyke in Fault Zone												86:15	19	85.5		98					
85.5 - 86.5: rubble and sheared core w/ mod KA alt'n			90		89:50	<1	:tr PY on mvnlt. :MO		:shear				0	87		100					
90.0 - 100.0: EQM (as above) - rubble and sheared core w/ mod. KA alt'n throughout interval			100				:none observed						8	92		55		11296	0.048		
													0	96		19					
100.0 - 110.0: EQM (as above) - strongly fractured to loc. sheared core													0	103		35		11297	0.018		
100.0 - 103.0: rubble and sheared core w/ mod. KA alt							:tr MO blebs to 2mm						0	105		100					
106.0 - 107.0: rubble and sheared core w/ mod. KA alt			110		110:68	2	:QZ + MO	:none					0	107		92					
													0	109.5		100					
110.0 - 120.0: EQM (as above) w/ minor Aplite (no attitudes due to broken core) - strongly fractured to loc. sheared core									: NOTE - mod. KA alt'n seems assoc. w/ post-min shearing				0	113		79		11298	0.019		
112.5 - 115.5: rubble and sheared core w/ mod. KA alt'n			120				:tr MO blebs					118:10	0	116		72					
													11	119		100					
120.0 - 130.0: EQM (as above) - strongly fractured to loc. sheared core (sheared at 122.5, 126.5, and 128.5)													10	122.5		57		11299	0.012		
					125:40	<1	:QZ + MO	:none					0	126.5		96					
			130		126:44	13	Fe carb.	:none	:bxia vein				0	128.5		100					

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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities							Recovery		Assay Results			
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity		% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																			Estimate Grade: %MoS2	Estimate Grade: %MoS2	Combined	
130.0 - 140.0: EQM (as above) - mod. fractured core							:CB vnlts (sheeted)	:none	:138-140				65	133.5			100		11300	0.009		
					133.5:53	2	:QZ + tr MO	:KF	:				0	135			100					
			140		135.5:40	<1	:QZ	:KF	:				22	138			100					
140.0 - 150.0: EQM (as above) - mod. fractured core w/ heavily broken core and CY gouge @ 147.5													45	143			93		11301	0.022		
					143:38		:QZ + tr MO	:none					56	147.5			100					
			150		146:56	2 3	:QZ + MO + PY	:KF					33	149			100					
150.0 - 160.0: EQM (as above) - mod. fractured core													46	153.5			87		11302	0.016		
159.0 - 159.5: rubble and sheared core w/ mod. KA alt					156.5	4	:QZ + tr MO	:none				159:50	61	156.5			100					
					158.5	1	:QZ	:KF					44	159.5			100					
			160		159.5	<1	:MO	:none	:slickensides													
160.0 - 170.0: EQM (as above) - mod. fractured core													44	164			98		11303	0.012		
165.1 - 171.0: rubble and sheared core w/mod KA alt'n													31	166.5			100					
													33	168			100					
			170		161:47	1	:QZ + MO	:none					0	169.5			55					
170.0 - 180.0: EQM (as above) - strongly fractured core, rubble and sheared core w/ mod KA alt'n @ 171 and 178 ft., 14 cm pervaisive KF alt'n @ 172.5												171:30	0	171			100		11304	0.016		
					172.5:30	5-10	:QZ	:KF				178:30	17	175			100					
			180		176:51	2	:QZ + tr MO	:					14	178			100					
180.0 - 190.0: EQM (as above) - strongly fractured core, rubble and sand @ 185.0 (fault?)													0	181			100		11305	0.006		
												185:20	7	185.5			93					
			190				:none observed						19	189			100					
190.0 - 200.0: EQM (as above) - sheared core w/ local mod. KF alt'n													0	192			78		11306	0.027		
												199:20	0	195.5			97					
			200		199:53	1	:QZ + MO	:none					0	198			97					
200.0 - 210.0: EQM (as above) - sheared core w/ mod. KA alt'n throughout					205:30	1	:MO	:KF	:										11307	0.03		
					206:55	1-3	:QZ	:KF	:			200:35	41	202.5			100					
					208:30	<1	:tr MO	:none	:slickensides			208:30	0	204			28					
			210		209:65	3	:QZ	:none	:													

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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
										Fractures								Sample Number		%MoS2	
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																		Estimate Grade		Combined	
																		%MoS2	%MoS2		
210.0 - 220.0: EQM (as above) - sheared core w/ mod KA alt'n throughout					210:57	1	:QZ + MO + PY	:none	:									11308	0.036		
					211:80	1	:QZ	:none	:												
					216:15	<1	:tr MO	:none	:slickensides			216:15	78	211.5		100					
					217:50	1-2	:QZ	:none	:				17	217		100					
			220		219:50	1	:QZ + MO	:none	:												
220.0 - 230.0: EQM (as above) - sheared core w/ locally mod. KA alt'n					220:52	3	:QZ + MO	:KF	:vnlt sheared			220:45	13	223.5		90		11309	0.038		
					223:50	3	:QZ + MO	:KF	:			226:90	0	226.5		61					
					226:??	<1	:MO	:none	:no attitude			229:85	0	229		93					
			230		229:85	<1	:MO	:none	:												
230.0 - 240.0: EQM (as above) - sheared core w/ locally mod. KA alt'n													7	233.5		98		11310	0.039		
					232:48	1	:QZ + HE + MO	:none	:rare earthy HE				23	236		100					
					235:45	1	:QZ	:none	:				0	239		86					
			240		240:42	1	:QZ + MO	:none	:												
240.0 - 250.0: EQM (as above) - sheared core w/ locally mod. KA alt'n becoming heavily fractured @ 247													11	243.5		100		11311	0.07		
					241:65	1	:QZ + MO	:none				246:65	0	246		100					
					246:65	4	:QZ	:none													
			250		248:65	15	:QZ + tr MO	:none	:slickensides												
250.0 - 260.0: EQM (as above) - heavily fractured core w/ loc. shears and w/ mod. KA alt'n					251:60	<1	:MO		:slickensides									11312	0.061		
					254:45	1-2	:PY	:none	:			251:60	24	251.5		88					
					255:50	2	:QZ + MO	:KF	:			256:20	33	256		100					
					257:50	2	:QZ	:none	:												
			260		258:68	2	:QZ + MO	:none	:												
260.0 - 270.0: EQM (as above) - moderately fractured core w/ loc. shears					264:45	1	:QZ + MO	:none										11313	0.041		
					265:50	1	:QZ + MO	:none					68	263		100					
					267:38	1	:QZ + MO	:none					77	270		100					
			270		267:47	<1-2	:QZ + MO	:none													
270.0 - 280.0: EQM (as above) w/ fgr phase @ 271 (60 mm) and @ 274 (40 mm) w/ cnts 55° to core axis (pre-mineral dykes?)					271:55	1	:QZ + MO	:none	:									11314	0.032		
					274:40	1	:QZ + MO	:none	:			276:20	32	275		98					
					274:70	2	:QZ	:none	:				45	280		100					
			280		277:40	3	:QZ + MO	:KF	:weak												
280.0 - 290.0: EQM (as above) - mod. fractured core w/o shears					281:53	1	:QZ + MO	:none										11315	0.03		
					285:48	1	:QZ + MO	:none					25	285		100					
					285:30	2	:CA	:none					26	288.5		100					
			290		286:52	2	:QZ + MO	:none													

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Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities							Recovery		Assay Results			
										Fractures									Sample Number		%MoS2	
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																		Estimate Grade		Combined	
																		%MoS2	%MoS2		
290.0 - 300.0: EQM (as above) - moderately fractured core w/o shears					294:40	2	:QZ + MO	:none					50	294.5		82		11316	0.063		
					295:48	1	:QZ	:KF					62	298		100					
					297:40	1	:MO + QZ	:none													
			300		300:60	2	:QZ + MO	:none													
300.0 - 310.0: EQM (as above) - mod. fractured core w/ loc. shears					301:52	1	:QZ + MO	:none													
					302:65	1	:QZ + tr MO	:none													
					305:35	<1-2	:MO + QZ	:KF				301:15	21	302		100		11317	0.031		
					307:40	1	:QZ + MO	:KF					56	309		100					
			310		308:40	<1	:MO	:none													
310.0 - 320.0: EQM (as above) - mod. fractured core w/o shears					316:42	2	:QZ + MO	:none													
					317:42	1	:QZ + MO + PY	:KF					42	316		98		11318	0.029		
					318:40	<1	:QZ + MO	:KF													
			320		320:50	1	:QZ	:KF													
320.0 - 330.0: EQM (as above) - mod. fractured core w/ loc. shears @ 321.5 and 322.5					321:50	5	:QZ + MO	:KF	:												
					323:45	5	:QZ + MO	:KF	:				39	321.5		100		11319	0.024		
					324:42	25	:CA	:none	:				22	323		100					
					325:??	<1-1	:QZ + MO	:KF	:discontinuous				20	328		93					
			330		326:40	2	:QZ + PY	:none	:												
330.0 - 340.0: EQM (as above) - str. fractured core w/ loc. shears @ 336 and 339					330:25	1	:QZ + MO	:KF	:												
					331:35	1	:QZ + MO	:KF	:				0	331		100		11320	0.02		
					332:45	2	:QZ + MO	:KF	: X2			336:15	33	337		100					
					332:65	2	:QZ	:none	:				0	339.5		100					
			340		333:70	13	:CA	:none	:												
340.0 - 350.0: EQM (as above) - mod. fractured core w/ loc. shears @ 341-342 and 348.5					338:60	2	:QZ	:KF													
					340:61	<1	:QZ	:none													
					347:50	9	:QZ + MO + CP	:KF				340:28	0	342		97		11321	0.03		
					348:60	<1	:QZ + PY	:none				348:10	64	345		100					
			350		348:40	1	:QZ + MO	:KF				350:25	43	348.5		100					
350.0 - 360.0: EQM (as above) - sheared core w/ loc. str. fractured intervals																					
												352:25	24	352		86		11322	0.01		
												355:30	28	356.5		100					
			360				:none observed					358:30									
360.0 - 370.0: EQM (as above) - str. fractured core w/ loc. shears; rubble @ 368.5																					
					361:30	1	:QZ + MO + CP + PY	:none					11	361		100		11323	0.007		
					363:30	>1	:QZ + MO	:KF				361:20	28	364		100					
					368:50	1	:PY + tr MO	:none					19	368		90					
			370										83	368.5		100					

Section	ENDAKO MINES	Hole No.	S-04-07
		Sheet No.	5 of 6

Rock Types & Alteration	Graphic Log				Mineralization and Structures					Rock Qualities						Recovery		Assay Results			
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Fractures: Core angle	Fractures: Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Sample Number: Core	Sample Number: Sludge	%MoS2: Core	%MoS2: Sludge
																		Estimate Grade: %MoS2	Estimate Grade: %MoS2	Combined	
370.0 - 380.0: EQM (as above) - str. fractured core w/ loc. shears; rubble @ 380					373:10	<1	:MO	:none					26	373		93		11324	0.008		
					375:62	1	:QZ + tr MO	:none				373:10	43	379		100					
					377:35	<1	:PY + tr MO	:none													
			380		378:35	1	:QZ	:KF													
380.0 - 390.0: EQM (as above) - str. fractured core w/ loc. rubble					381:70	<1	:QZ + tr MO	:none				384:25	50	383		100		11325	0.031		
					385:67	2-4	:QZ + tr PY	:none				387:10	13	387		100					
					387:45	1	:MO + QZ	:none				388:15									
			390		387:10	<1	:MO	:KF													
390.0 - 400.0: EQM (as above) - str. fractured core w/ loc. rubble													17	391		100		11326	0.03		
394.0 - 394.9: Aplite dyke w/o attitudes													0	395		75					
397.0 - 397.5: Aplite dyke w/o attitudes									: KF overprints				0	397		100					
			400		396:65	??	:QZ + tr MO	:KF	vnlt												
400.0 - 410.0: EQM (as above) - str. fractured core w/ local shears													0	400.5		98		11327	0.014		
400.0 - 400.4: Aplite dyke w/ irregular cnts. (no attitudes possible)					401:65	1	:QZ	:none	:				43	404		86					
					404:55	1	:QZ	:KF	:KF overprint			407:20	0	407.5		100					
			410		410:70	2	:QZ + tr MO	:KF	:KF overprint				0	410		87					
410.0 - 420.0: EQM (as above) - str. fractured core w/ loc. shears; rubble @ 413													0	413		100		11328	0.015		
					414:40	1	:QZ + MO	:none				420:45	36	416		100					
					418:80	4	:QZ	:none					0	419		100					
			420		419:60	1	:QZ + tr MO	:none													
420.0 - 430.0: EQM (as above) - str. fractured core w/ loc. shear zones @ 420-421 and 422-424.5;																		11329	0.018		
428.0: Aplite dyklet 20 mm wide w/ cnts @ 30° to core axis												424:25	33	428.5		100					
			430		427:50	1	:QZ	:KF	:KF overprint												
430.0 - 440.0: EQM (as above) - str. fractured core w/ loc. shears; rubble 438.5 - 440.0					430:43	2	:QZ + tr MO	:KF	:KF overprint				53	432		90		11330	0.039		
					432:71	?	:QZ	:none	:sheared			435:55	33	436		100					
					433:70	8	:QZ	:none	:				0	438.5		100					
			440		435:70	2	:QZ + tr MO	:none	:												
440.0 - 450.0: EQM (as above) - str. fractured core w/ loc. shears; shear zone w/ mod. KA alt'n 442.0-444.5; rubble @ 449													9	442		86		11331	0.036		
							:no sdes. observed					443:20	0	444.5		100					
			450		442:na	<1	:CB stwk	:none					0	449		100					

Wildrock Resources Consulting & Drafting

Section		ENDAKO MINES																Hole No.	S-04-07		
																		Sheet No.	6	of	6
Rock Types & Alteration		**Graphic Log**			**Mineralization and Structures**					**Rock Qualities**						**Recovery**		**Assay Results**			
										Fractures								Sample Number		%MoS2	
Lithology / Appearance	Rock Type	Alteration	Footage	Structure	Angle to Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Core angle	Frequency	Slickensides Core angle	RQD	Footage Blocks	Specific Gravity	% Core	% Sludge	Core	Sludge	Core	Sludge
																		Estimate Grade		Combined	
																		%MoS2	%MoS2		
450.0 - 460.0: EQM (as above) - sheared core w/ loc. str. fractured zones												454:25	17	452		83		11332	0.009		
												456:25	7	457		100					
			460		457:57	<1	:MO	:none	:sheared			460:25	0	460		89					
460.0 - 470.0: EQM (as above) - str. fractured core w/ loc. shears												462:25	46	466		100		11333	0.006		
												466:25	13	468.5		100					
			470		467:82	<1	:QZ + tr MO	:none				468:25									
470.0 - 480.0: EQM (as above) - str. fractured core w/ loc. shear @ 477													43	472		100		11334	0.007		
												477:40	52	476.5		100					
			480				:no sdes. observed						14	480		100					
480.0 - 490.0: EQM (as above) - str. fractured core w/o shears													42	484		100		11335	0.007		
					481:90	3	:QZ	:none	:				46	490		100					
					489:65	<1	:QZ + PY	:none	:discontinuous												
			490		489:85	1	:QZ	:none	:discontinuous												
EOH @ 490 ft.																					
NOTE: lots of post-mineral fracturing and shearing going on in this hole and a fair bit of MoS_2 also!!																					

Wildrock Resources Consulting & Drafting

Rock Quality Designation (RQD)
S-04-02

Hole S04-02						RQD	
	FROM	TO	INTERVAL (in)	MEASURE (in)	% Recovery	*(total length of pces +4")*	%
	0	25	300	18	6%	0	0%
	25	29	48	25	52%	6	13%
	29	39	120	24	20%	12	10%
	39	49	120	36	30%	10	8%
	49	53	48	30	63%	0	0%
	53	56	36	24	67%	5	14%
	56	61.5	66	46	70%	35.5	54%
	61.5	67	66	34	52%	10	15%
	67	68	12	9	75%	0	0%
	68	78	120	118	98%	93	78%
	78	88	120	120	100%	116.5	97%
	88	97.5	114	128	112%	118	104%
	97.5	99	18	20	111%	20	111%
	99	109	120	118	98%	116	97%
	109	119	120	120	100%	115	96%
	119	129	120	179	149%	109	91%
	129	133	48	24	50%	0	0%
	133	139	72	34	47%	28	39%
	139	142	36	55	153%	35.5	99%
	142	149	84	96	114%	78	93%
	149	159	120	162	135%	134	112%
	159	165	72	78.5	109%	61	85%
	165	170	60	53.5	89%	31	52%
	170	175	60	52.5	88%	38	63%
	175	180.5	66	54	82%	43.5	66%
	180.5	186	66	78	118%	58	88%
	186	192	72	54	75%	43	60%
	192	197	60	72	120%	65	108%
	197	200.5	42	40	95%	28	67%
	200.5	203	30	26	87%	13.5	45%
	203	207	48	48	100%	18	38%
	207	213	72	56	78%	31	43%
	213	214	12	12	100%	0	0%
	214	217.5	42	12	29%	4	10%
	217.5	220.5	36	28	78%	0	0%
	220.5	225.5	60	52	87%	4.5	8%
	225.5	235.5	120	114	95%	75	63%
	235.5	240	54	54	100%	39	72%
	240	245	60	58	97%	42	70%
	245	247.5	30	29	97%	16	53%
	247.5	254.5	84	90	107%	50	60%
	254.5	259.5	60	57	95%	28.5	48%
	259.5	261	18	18	100%	8	44%
	261	265	48	41.5	86%	17	35%
	265	273	96	58	60%	23.5	24%
	273	277	48	42	88%	26	54%
	277	279	24	20	83%	0	0%
	279	282.5	42	33	79%	10	24%
	282.5	292.5	120	44	37%	26	22%
	292.5	299	78	82	105%	46	59%
	299	305	72	69	96%	29	40%
	305	309	48	28	58%	0	0%
	309	316	84	32	38%	5	6%
	316	317	12	12	100%	0	0%
	317	320	36	29	81%	9.5	26%
	320	329	108	88	81%	52	48%
	329	331	24	22	92%	16	67%
	331	335	48	48	100%	20	42%
	335	339	48	57	119%	37.5	78%
	339	343	48	46	96%	17.5	36%
	343	345	24	24	100%	10	42%
	345	348	36	36	100%	6	17%
	348	349	12	18	150%	7	58%
	349	350	12	0	0%	0	0%
			4200	3386	81%	2096.5	50%

Rock Quality Designation (RQD)
S-04-03

Hole							
S04-03						RQD	
	FROM	TO	INTERVAL	MEASURE	% Recovery	*(total length of pces +4")*	%
			(in)	(in)			
	124.5	129	54	59	109%	39	72%
	129	135	72	66	92%	41	57%
	135	137	24	22	92%	0	0%
	137	139	24	30	125%	0	0%
	139	144	60	54	90%	29	48%
	144	149	60	58	97%	31	52%
	149	150	12	15	125%	8	67%
	150	152.5	30	33.5	112%	17	57%
	152.5	157	54	40	74%	25	46%
	157	164	84	78	93%	34	40%
	164	171.5	90	79	88%	20	22%
	171.5	174	30	26.5	88%	8	27%
	174	177	36	39	108%	10	28%
	177	180.5	42	40	95%	16.5	39%
	180.5	188.5	96	90	94%	54	56%
	188.5	193.5	60	58	97%	48	80%
	193.5	201.5	96	88	92%	69	72%
	201.5	204	30	24	80%	4	13%
	204	207.5	42	51	121%	31	74%
	207.5	214	78	81.5	104%	55.5	71%
	214	219	60	80	133%	48	80%
	219	228.5	114	101	89%	59	52%
	228.5	236	90	92	102%	76.5	85%
	236	242	72	70	97%	48	67%
	242	249	84	77	92%	31	37%
	249	255	72	58	81%	21.5	30%
	255	262	84	74	88%	63.5	76%
	262	269	84	90	107%	82	98%
	269	271.5	30	26	87%	12	40%
	271.5	276	54	48	89%	34	63%
	276	283	84	62	74%	48	57%
	283	287	48	38.5	80%	25	52%
	287	294	84	74	88%	46.5	55%
	294	304	120	120	100%	91	76%
	304	313	108	103	95%	77	71%
	313	318	60	49	82%	19.5	33%
	318	323.5	66	58.5	89%	45.5	69%
	323.5	329	66	54	82%	41	62%
	329	332.5	42	26	62%	10	24%
	332.5	338	66	39.5	60%	61	92%
	338	342.5	54	43	80%	25	46%
	342.5	347	54	45	83%	39	72%
	347	350	36	34	94%	31.5	88%
			2706	2495	92%	1575.5	58%

Appendix 7
Analytical Procedures

RA-057

PREPARATION OF LOW GRADE MOLYBDENUM
SAMPLES FOR AA ANALYSIS

SCOPE: This document applies to all samples within the range of the concentration present in Rougher Tail, Flotation Feed and First Cleaner Tails. Mine drill hole cuttings and diamond drill core samples fall within this category.

PURPOSE: The purpose of this document is to describe the steps required for the analysis of samples containing 0.750% MoS_2 or less.

PROCEDURE: Weigh 2 grams into 250 ml beakers. Add 40 ml of 30% HCl, cover and digest for 10-15 minutes on a 3 switch plate. Filter through #2 fast fold papers into waste catch beakers. Wash 2 times with hot water to ensure that all oxides are removed.

NOTE-Before filtering, if oxide content of sample is required, place a 200 ml Phosphoric flask containing 25 ml of $AlCl_3$ solution under the funnel. Wash the sample 3-4 times, add 10 ml of HCl, cool and bulk to the mark. The sample is ready for analysis on the AA.

Now place the filter papers containing the sulphides back into the beakers and place in front of the fuming hood. Add 5 ml HCl, 10 ml HNO_3 and 8 ml of $HCLO_4$ to the samples. The addition of these acids must be done in this order and done in front of the fuming hood. Put covers back on the beakers.

Place the beakers on a 3 switch plate until vigorous white fumes have evolved. Move to the edge of the hot plate and fume a further 3-5 minutes. Remove from the hot plate and cool.

Wash the lids and sides of the beakers with distilled water and add 20 ml of concentrated HCl. Place on the hot plate and bring to a boil. Boil at least 3 minutes. Remove from the hot plate and place on the beaker shelf over the funnel racks in numerical order. Rinse off the lids using distilled water in a plastic wash bottle.

NOTE: Rougher tail and scavenger tail samples are filtered into 100 ml flasks, containing 12 ml $AlCl_3$. All other samples are filtered into 200 ml Phosphoric flasks containing 25 ml of $AlCl_3$ solution. This effectively doubles the concentration, increasing the accuracy of the assay. Standards for this range of samples must be divided in half. E.g. 0.040 to 0.020, 0.066 to 0.033 etc.

To continue---filter into the flasks using #2 fast fold Whatman papers. Wash 3-4 times with hot water. Bulk flasks to the neck and cool to 20 C. Bulk to line, stopper and shake well.

The samples are now ready for analysis on the Atomic Absorption Spectrophotometer.

MOLYLG

Appendix 8
Assay Reports

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

cjan0804

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	10726	0.007	31		
2	10727	0.005	32		
3	10728	0.006	33		
4	10729	0.014	34		
5	10730	0.005	35		
6	10731	0.012	36		
7	10732	0.013	37		
8			38		
9			39		
10			40		
11			41		
12			42		
13			43		
14			44		
15			45		
16			46		
17			47		
18			48		
19			49		
20			50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
27			57		
28			58		
29			59		
30			60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

cjan0904

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	10733	0.038	31		
2	10734	0.014	32		
3	10735	0.009	33		
4	10736	0.040	34		
5	10737	0.002	35		
6	10738	0.013	36		
7	10739	0.005	37		
8	10740	0.001	38		
9	10741	0.002	39		
10	10742	0.003	40		
11	10743	0.006	41		
12	10744	0.014	42		
13	10745	0.003	43		
14			44		
15			45		
16			46		
17			47		
18			48		
19			49		
20			50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
27			57		
28			58		
29			59		
30			60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

jan1304

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	10746	0.035	31	10776	0.095
2	10747	0.015	32	10777	0.076
3	10748	0.010	33		
4	10749	0.012	34		
5	10750	0.010	35		
6	10751	0.026	36		
7	10752	0.007	37		
8	10753	0.014	38		
9	10754	0.012	39		
10	10755	0.005	40		
11	10756	0.010	41		
12	10757	0.035	42		
13	10758	0.006	43		
14	10759	0.007	44		
15	10760	0.008	45		
16	10761	0.012	46		
17	10762	0.021	47		
18	10763	0.017	48		
19	10764	0.096	49		
20	10765	0.004	50		
21	10766	0.006	51		
22	10767	0.008	52		
23	10768	0.008	53		
24	10769	0.018	54		
25	10770	0.015	55		
26	10771	0.026	56		
27	10772	0.015	57		
28	10773	0.015	58		
29	10774	0.045	59		
30	10775	0.044	60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

jan1404

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	10778	0.029	31		
2	10779	0.038	32		
3	10780	0.035	33		
4	10781	0.091	34		
5	10782	0.045	35		
6	10783	0.068	36		
7	10784	0.120	37		
8	10785	0.021	38		
9	10786	0.135	39		
10	10787	0.048	40		
11	10788	0.052	41		
12	10789	0.027	42		
13	10790	0.012	43		
14	10791	0.017	44		
15	10792	0.009	45		
16	10793	0.023	46		
17	10794	0.028	47		
18			48		
19			49		
20			50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
27			57		
28			58		
29			59		
30			60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

JAN1504

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	10795	0.031	31		
2	10796	0.016	32		
3	10797	0.062	33		
4	10798	0.049	34		
5	10799	0.008	35		
6	10800	0.013	36		
7	10801	0.009	37		
8	10802	0.014	38		
9	10803	0.003	39		
10	10804	0.012	40		
11	10805	0.028	41		
12	10806	0.015	42		
13	10807	0.022	43		
14	10808	0.026	44		
15	10809	0.006	45		
16	10810	0.042	46		
17	10811	0.011	47		
18	10812	0.015	48		
19	10813	0.008	49		
20	10814	0.091	50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
27			57		
28			58		
29			59		
30			60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

cjan1604

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	10815	0.047	31		
2	10816	0.076	32		
3	10817	0.084	33		
4	10818	0.075	34		
5	10819	0.017	35		
6	10820	0.041	36		
7	10821	0.040	37		
8	10822	0.013	38		
9	10823	0.018	39		
10	10824	0.069	40		
11	10825	0.006	41		
12	10826	0.003	42		
13	10827	0.023	43		
14	10828	0.009	44		
15	10829	0.018	45		
16	10830	0.009	46		
17	10831	0.007	47		
18	10832	0.002	48		
19	10833	0.007	49		
20	10834	0.009	50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
27			57		
28			58		
29			59		
30			60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

jan2004

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	10835	0.012	31		
2	10836	0.009	32		
3	10838	0.021	33		
4	10839	0.075	34		
5	10840	0.012	35		
6	10841	0.014	36		
7	10843	0.050	37		
8	10844	0.023	38		
9	10847	0.042	39		
10	10850	0.046	40		
11	10851	0.017	41		
12	10852	0.011	42		
13	10854	0.061	43		
14	10862	0.007	44		
15	10864	0.006	45		
16	10865	0.004	46		
17	10871	0.004	47		
18			48		
19			49		
20			50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
27			57		
28			58		
29			59		
30			60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

jan2104

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	10837	0.013	31		
2	10842	0.018	32		
3	10845	0.029	33		
4	10846	0.075	34		
5	10848	0.036	35		
6	10849	0.033	36		
7	10853	0.072	37		
8	10855	0.047	38		
9	10856	0.008	39		
10	10857	0.009	40		
11	10858	0.022	41		
12	10859	0.008	42		
13	10860	0.002	43		
14	10861	0.008	44		
15	10863	0.018	45		
16	10866	0.003	46		
17	10867	0.002	47		
18	10868	0.001	48		
19	10869	0.012	49		
20	10870	0.007	50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
27			57		
28			58		
29			59		
30			60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

apr0704

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	11251	0.010	31		
2	11252	0.017	32		
3	11253	0.033	33		
4	11254	0.071	34		
5	11255	0.044	35		
6	11256	0.007	36		
7	11257	0.018	37		
8	11258	0.038	38		
9	11259	0.036	39		
10	11260	0.050	40		
11	11261	0.028	41		
12	11262	0.065	42		
13	11263	0.024	43		
14	11264	0.040	44		
15	11265	0.047	45		
16	11266	0.068	46		
17	11267	0.107	47		
18	11268	0.054	48		
19	11269	0.039	49		
20	11270	0.075	50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
27			57		
28			58		
29			59		
30			60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

apr0804

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	11271	0.073	31		
2	11272	0.122	32		
3	11273	0.076	33		
4	11274	0.058	34		
5	11275	0.085	35		
6	11276	0.026	36		
7	11277	0.008	37		
8	11278	0.018	38		
9	11279	0.028	39		
10	11280	0.010	40		
11	11281	0.031	41		
12	11282	0.015	42		
13	11283	0.009	43		
14	11284	0.009	44		
15	11285	0.012	45		
16	11286	0.043	46		
17			47		
18			48		
19			49		
20			50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
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28			58		
29			59		
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THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

apr0804a

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	11287	0.016	31		
2	11288	0.012	32		
3	11289	0.036	33		
4	11290	0.014	34		
5	11291	0.023	35		
6	11292	0.013	36		
7	11293	0.046	37		
8	11294	0.014	38		
9	11295	0.024	39		
10	11296	0.048	40		
11	11297	0.018	41		
12	11298	0.019	42		
13	11299	0.012	43		
14	11300	0.009	44		
15	11301	0.022	45		
16			46		
17			47		
18			48		
19			49		
20			50		
21			51		
22			52		
23			53		
24			54		
25			55		
26			56		
27			57		
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29			59		
30			60		

THOMPSON CREEK MINING LTD

ENDAKO MINES DIVISION

DD CORE ASSAYS

apr1304

	SAMPLE NO.	MoS_2		SAMPLE NO.	MoS_2
1	11302	0.016	31	11332	0.009
2	11303	0.012	32	11332	0.006
3	11304	0.016	33	11334	0.007
4	11305	0.006	34	11335	0.007
5	11306	0.027	35		
6	11307	0.030	36		
7	11308	0.036	37		
8	11309	0.038	38		
9	11310	0.039	39		
10	11311	0.070	40		
11	11312	0.061	41		
12	11313	0.041	42		
13	11314	0.032	43		
14	11315	0.030	44		
15	11316	0.063	45		
16	11317	0.031	46		
17	11318	0.029	47		
18	11319	0.024	48		
19	11320	0.020	49		
20	11321	0.030	50		
21	11322	0.010	51		
22	11323	0.007	52		
23	11324	0.008	53		
24	11325	0.031	54		
25	11326	0.030	55		
26	11327	0.014	56		
27	11328	0.015	57		
28	11329	0.018	58		
29	11330	0.039	59		
30	11331	0.036	60		