

ARIS SUMMARY SHEET

District Geologist, Prince George

Off Confidential: 90.12.12

ASSESSMENT REPORT 19784

MINING DIVISION: Omineca

PROPERTY: Endako

LOCATION: LAT 54 02 10 LONG 125 06 30
UTM 10 5989379 361924
NTS 093K03E

CLAIM(S): Boot 3-4, No. 2, Boot 15, Tan 4

OPERATOR(S): Endako Mines

AUTHOR(S): Smith, M.; Buckley, P.

REPORT YEAR: 1990, 231 Pages

COMMODITIES

SEARCHED FOR: Molybdenum/Molybdenite

KEYWORDS: Jurassic, Francois Lake Intrusions, Quartz monzonites, Molybdenite
WORK

DONE: Geological, Drilling, Geochemical

DIAD 3476.7 m 14 hole(s); NQ

SAMP 1141 sample(s); MO

MINFILE: 093K 006, 093K 007, 093K 010

FILMED

LOG NO: 0314	RD.
ACTION:	
FILE NO:	

DIAMOND DRILLING REPORT
FOR THE
COMO, ELKA, MISTY AND MOB GROUPS OF MINERAL CLAIMS
OMINECA MINING DIVISION

NTS 93K/3E

LAT: 54° N LONG: 125°

BY

PLACER DOME INC.
ENDAKO MINES DIVISION
ENDAKO, B.C.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,784

M. Smith
P. Buckley

February 23, 1990

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1.0 Introduction

Fourteen NQ wireline diamond drill holes (S656 - S669) totalling 3,476.68 meters were drilled in the Denak East Open Pit, along the Southwall of the Endako and Endako West Open Pits and within the Endako West Open Pit primarily, for delineation of possible extensions to the Denak East and the Endako ore zones and for geotechnical information.

Drilling commenced October 11, 1989 and was completed on November 18, 1989. The drilling project costs are being submitted for assessment work on the Como, Elka, Misty and Mob Groups of Mineral Claims.

2.0 PROPERTY DEFINITION

2.1 Mineral Claims

The following mineral claims are grouped under separate grouping notices:

<u>MINERAL CLAIM</u>	<u>RECORD NUMBER</u>	<u>DUE DATE</u>	<u>GROUP NAME</u>	
AL	4 FR	18955	10/04/90	COMO
BAR	1 AFR	21222	17/07/92	COMO
BAR	1 FR	14054	23/08/92	COMO
BOOT	7	13166	26/07/90	COMO
CO	1	14111	23/08/93	COMO
CO	2	14112	23/08/93	COMO
CO	3	14113	23/08/93	COMO
CO	4	14114	23/08/90	COMO
CO	5	14115	23/08/90	COMO
CO	6	14116	23/08/90	COMO
CO	7	14117	23/08/90	COMO
CO	8	14118	23/08/90	COMO
CO	25FR	54646	22/09/90	COMO
CO	30	357	22/07/90	COMO
CO	31	388	22/07/90	COMO
DEER	3 FR	18683	22/03/90	COMO
DEER	4 FR	18684	22/03/90	COMO
DEER	5 FR	40222	17/06/92	COMO
MO	1	13175	02/08/90	COMO
MO	2	13176	02/08/90	COMO
MO	3	13177	02/08/90	COMO
MO	4	13178	02/08/90	COMO
TAN	1	13426	07/11/92	COMO
TAN	1 FR	22110	02/07/92	COMO
TAN	2	13427	07/11/92	COMO
TAN	2 FR	21223	17/07/92	COMO
TI	1	14131	23/08/92	COMO
AL	2 FR	18884	29/03/90	ELKA
AL	3 FR	18954	10/04/90	ELKA
ELK	1	13435	16/11/90	ELKA
ELK	2	13439	16/11/90	ELKA
FRAN	15	14093	11/08/90	ELKA
FRAN	19	14094	11/08/90	ELKA
FRAN	20	14095	11/08/90	ELKA
FRAN	21	14096	11/08/90	ELKA
FRAN	22	14097	11/08/90	ELKA
FRAN	23	14098	11/08/90	ELKA
FRAN	24	14099	11/08/90	ELKA
FRAN	25	14100	11/08/90	ELKA
FRAN	26	14101	11/08/90	ELKA
FRAN	27	14102	11/08/90	ELKA

<u>MINERAL CLAIM</u>		<u>RECORD NUMBER</u>	<u>DUE DATE</u>	<u>GROUP NAME</u>
FRAN	28	14103	11/08/90	ELKA
FRAN	29	14135	11/08/90	ELKA
FRAN	30	14136	11/08/90	ELKA
FRAN	31	14137	11/08/90	ELKA
FRAN	32	14138	11/08/90	ELKA
FRAN	33	14139	11/08/90	ELKA
FRAN	35	14141	11/08/90	ELKA
FRAN	37	14143	11/08/90	ELKA
FRAN	39	14145	11/08/90	ELKA
FRAN	41	14147	11/08/90	ELKA
FRAN	43	14149	11/08/90	ELKA
FRAN	45	14151	11/08/90	ELKA
FRAN	46	14152	11/08/90	ELKA
FRAN	47	14153	11/08/90	ELKA
FRAN	48	14154	11/08/90	ELKA
MO	7 FR	22760	16/09/90	ELKA
CASEY	1	339	24/06/90	MISTY
CASEY	3	2097	13/08/90	MISTY
CASEY	4	2098	13/08/91	MISTY
DOLLY	3 FR	46523	22/11/91	MISTY
DOLLY	4 FR	46524	22/11/91	MISTY
DOLLY	8 FR	57091	13/12/90	MISTY
DOLLY	9 FR	57087	13/12/90	MISTY
DOLLY	10FR	57088	13/12/90	MISTY
DOLLY	12FR	65145	02/12/90	MISTY
DOLLY	19	57089	13/12/90	MISTY
DOLLY	20	57090	13/12/90	MISTY
DOLLY	30	223	18/02/91	MISTY
DOLLY	31	224	18/02/91	MISTY
FRAN	100	222	28/01/90	MISTY
FRAN	101	2094	13/08/93	MISTY
FRAN	102	2095	13/08/93	MISTY
FRAN	103	2096	13/08/93	MISTY
MIST	1	54756	15/09/90	MISTY
MIST	2	54757	15/09/90	MISTY
MIST	3	54758	15/09/91	MISTY
MIST	11	54766	15/09/90	MISTY
MIST	12	54767	15/09/90	MISTY
MIST	20	373	11/06/90	MISTY
MIST	21	374	11/06/90	MISTY
MIST	22	3355	07/11/91	MISTY
MIST	23	3359	07/11/91	MISTY
MIST	24	3360	07/11/91	MISTY
PAT	97	15476	05/07/90	MISTY
PAT	99	15478	05/07/90	MISTY
PAT	101	15480	05/07/90	MISTY
PAT	103	15482	05/07/90	MISTY

<u>MINERAL CLAIM</u>	<u>RECORD NUMBER</u>	<u>DUE DATE</u>	<u>GROUP NAME</u>	
PAT	105	15484	05/07/90	MISTY
PAT	107	15486	05/07/90	MISTY
PAT	108	15487	05/07/90	MISTY
PAT	109	15488	05/07/90	MISTY
PAT	110	15489	05/07/90	MISTY
PAT	111	15490	05/07/90	MISTY
PAT	112	15491	05/07/90	MISTY
PAT	113	15492	05/07/90	MISTY
PAT	114	15493	05/07/90	MISTY
PAT	116	15495	05/07/90	MISTY
PAT	130	47876	16/03/90	MISTY
PAT	131	47877	16/03/90	MISTY
PAT	132FR	47878	16/03/90	MISTY
PAT	133FR	47879	16/03/90	MISTY
BEN	1	66821	26/02/92	MOB
BEN	2	66822	26/02/92	MOB
BEN	3	66823	26/02/92	MOB
BEN	4	66824	26/02/92	MOB
BEN	5	66825	26/02/92	MOB
BEN	6	66826	26/02/92	MOB
BEN	7	66827	26/02/92	MOB
BEN	8	66828	26/02/92	MOB
BEN	9	66829	26/02/92	MOB
BEN	10	66830	26/02/92	MOB
BING	1	116881	06/10/92	MOB
BING	2	116882	06/10/92	MOB
BING	3	116883	06/10/92	MOB
BING	4	116884	06/10/92	MOB
BING	5	116885	06/10/92	MOB
BING	6	116886	06/10/92	MOB
BING	7	116887	06/10/92	MOB
BING	8	116888	06/10/92	MOB
BING	9 FR	116889	06/10/92	MOB
BING	10	116890	06/10/92	MOB
BING	11	116891	06/10/92	MOB
BINGO	1	14216	05/09/93	MOB
BINGO	2	14217	05/09/93	MOB
BINGO	3	14218	05/09/93	MOB
BINGO	4	14219	05/09/93	MOB
BINGO	5	14220	05/09/93	MOB
BINGO	6	14221	05/09/93	MOB
BINGO	7	14222	05/09/93	MOB
BINGO	8	14223	05/09/93	MOB
BINGO	9	14224	05/09/93	MOB
BINGO	10	14225	05/09/93	MOB
BINGO	31	14246	07/09/92	MOB
BINGO	32	14247	07/09/92	MOB

<u>MINERAL CLAIM</u>	<u>RECORD NUMBER</u>	<u>DUE DATE</u>	<u>GROUP NAME</u>	
BINGO	33	14248	07/09/92	MOB
BINGO	34	14249	07/09/92	MOB
BINGO	35	14250	07/09/92	MOB
BINGO	36	14251	07/09/92	MOB
BINGO	37	14252	07/09/92	MOB
BINGO	38	14253	07/09/92	MOB
BINGO	39	14254	07/09/92	MOB
BINGO	40	14255	07/09/92	MOB
BINGO	41	62941	20/09/92	MOB
BINGO	42	62942	20/09/92	MOB
BINGO	43	62943	20/09/93	MOB
BINGO	44	62944	20/09/93	MOB
ELK	3	13440	16/11/92	MOB
ELK	4 FR	24916	12/06/93	MOB
FRAN	1	14076	11/08/92	MOB
FRAN	1 FR	19150	14/05/92	MOB
FRAN	2	14077	11/08/92	MOB
FRAN	2 FR	22761	16/08/92	MOB
FRAN	3	14078	11/08/92	MOB
FRAN	3 FR	28847	17/03/92	MOB
FRAN	4	14079	11/08/92	MOB
FRAN	4 FR	28848	17/03/92	MOB
FRAN	5	14080	11/08/92	MOB
FRAN	5 FR	47591	02/03/92	MOB
FRAN	6	14081	11/08/92	MOB
FRAN	6 FR	47592	02/03/92	MOB
FRAN	7	14082	11/08/92	MOB
FRAN	7 FR	47593	02/03/92	MOB
FRAN	8	14083	11/08/92	MOB
FRAN	8 FR	47594	02/03/92	MOB
FRAN	9	14084	11/08/92	MOB
FRAN	10	14085	11/08/92	MOB
FRAN	11	14086	11/08/92	MOB
FRAN	12	14087	11/08/92	MOB
FRAN	13	14088	11/08/92	MOB
FRAN	14	14089	11/08/92	MOB
FRAN	15	14090	11/08/93	MOB
FRAN	16	14091	11/08/93	MOB
FRAN	17	14092	11/08/92	MOB
MO	1 FR	19149	14/05/92	MOB
MO	6 FR	21876	29/08/92	MOB
MO	8	13182	02/08/92	MOB
MO	9	13183	02/08/92	MOB
VZ	1	65846	16/01/92	MOB
VZ	2	65847	16/01/92	MOB
VZ	3	65848	16/01/92	MOB
VZ	4	65849	16/01/92	MOB
VZ	5	65850	16/01/92	MOB

<u>MINERAL CLAIM</u>	<u>RECORD NUMBER</u>	<u>DUE DATE</u>	<u>GROUP NAME</u>
VZ 6	65851	16/01/92	MOB
VZ 7	65852	16/01/92	MOB
VZ 8	65853	16/01/92	MOB
VZ 9	65854	16/01/92	MOB
VZ 10	65855	16/01/92	MOB

The Como, Elka, Misty and Mob are groupings of 37, 30, 85 and 78 mineral claims and/or units respectively, which are contiguous. All claims are held by Placer Dome Inc., Endako Mines Division.

2.2 Location

The Como, Elka, Misty and Mob Groups of Mineral Claims are located about 6 to 15 km south-southwest of Endako, B.C. in the Omineca Mining Division. The property is geographically located in the southeast quadrant of quadrilateral, latitude 54 degrees N and longitude 125 degrees.

2.3 HISTORY

The various claims that comprise the Como, Elka, Misty and Mob Claim Groups were staked and recorded over a time span ranging between the mid-sixties to late 1980.

Previous exploratory field work on these claims has included geochemical sampling, diamond drilling and percussion drilling over a time span from the mid-sixties to late 1980.

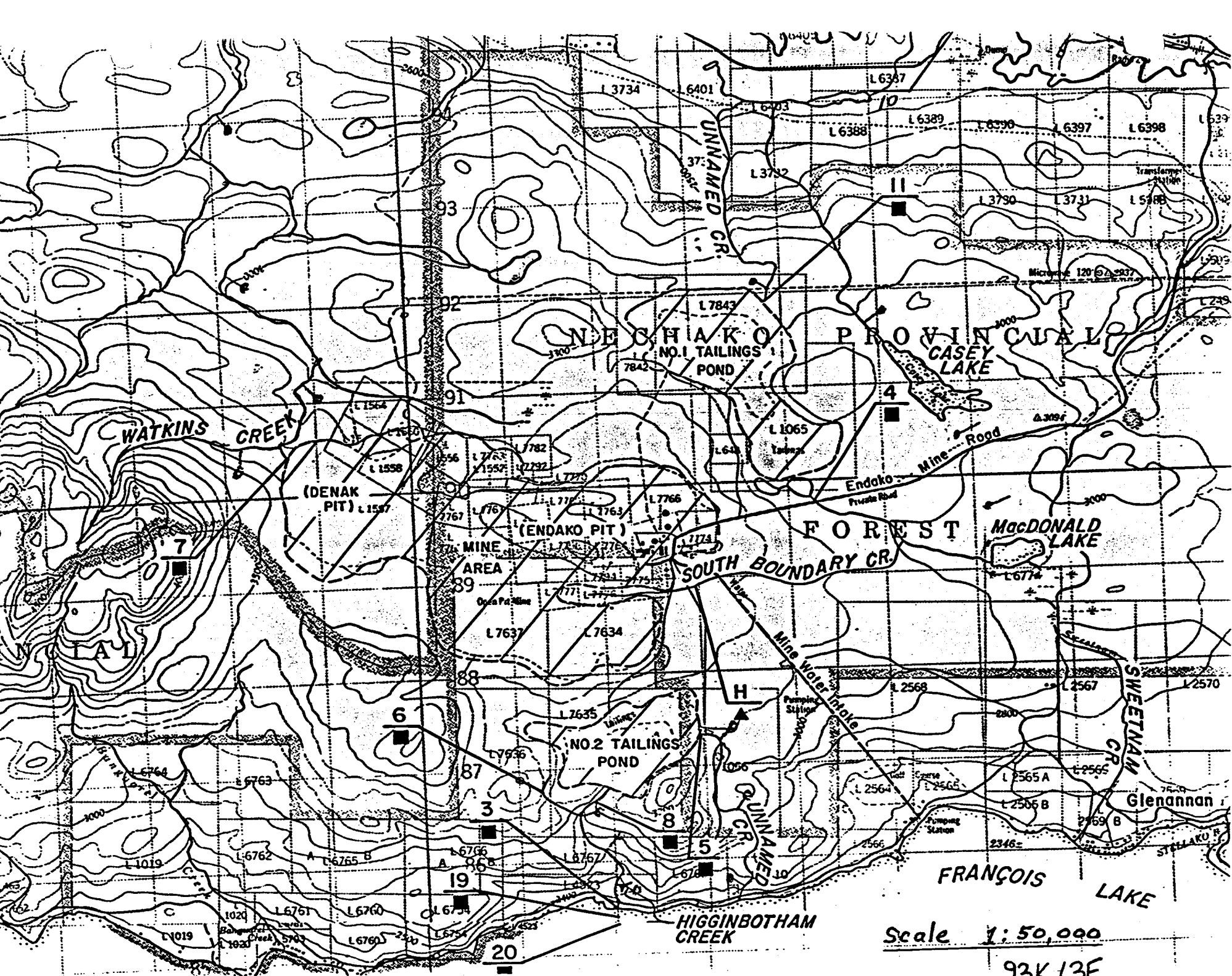
The program being submitted for assessment work was designed to check for molybdenite mineralization at depth and to obtain geotechnical information.

2.4 OWNER and OPERATOR

All mineral claims within the Como, Elka, Misty and Mob Claim Groups are registered under Placer Dome Inc., Endako Mines Division. All field work for the diamond drill program was coordinated by this firm's staff.

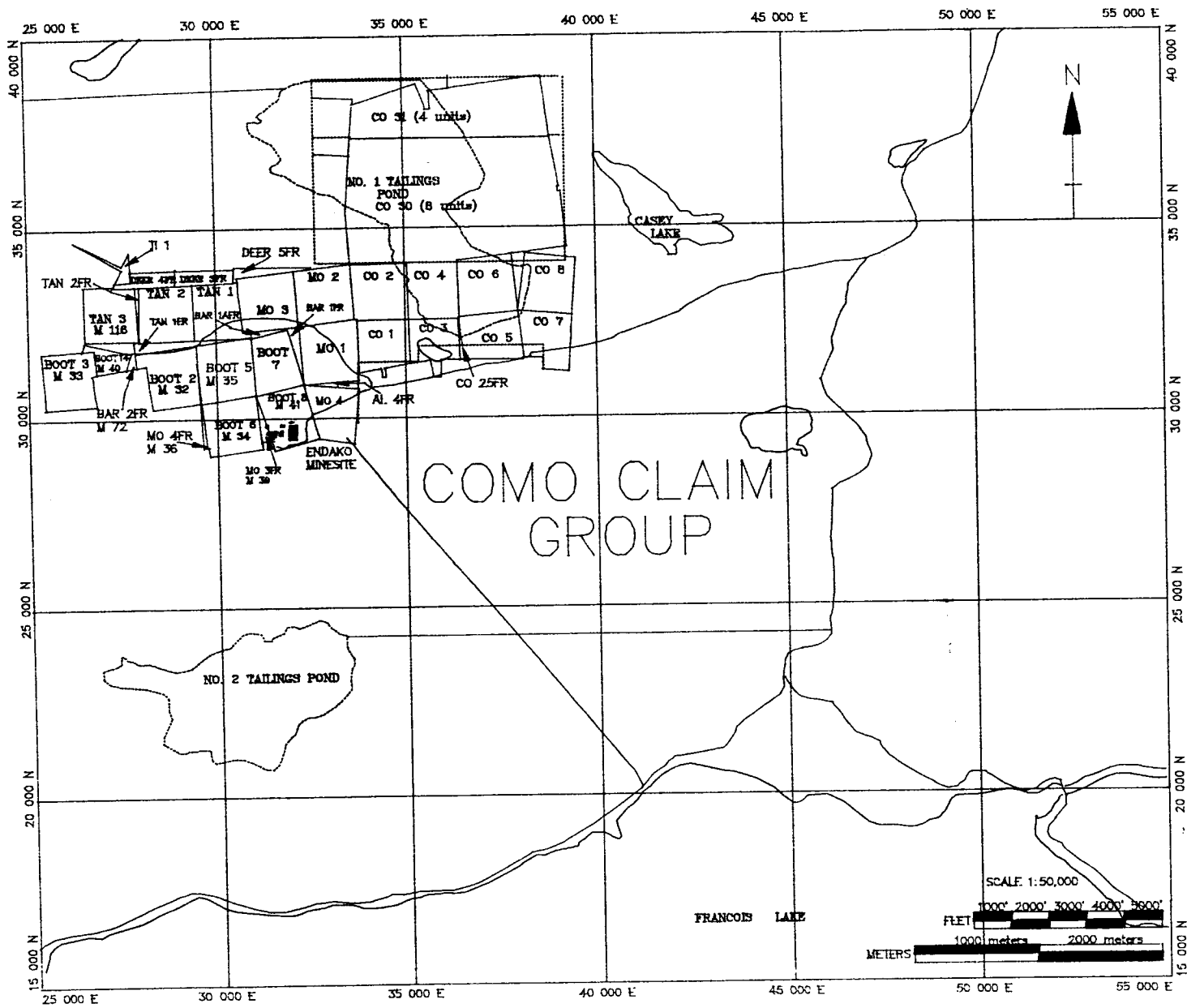
2.5 General Economic Assessment

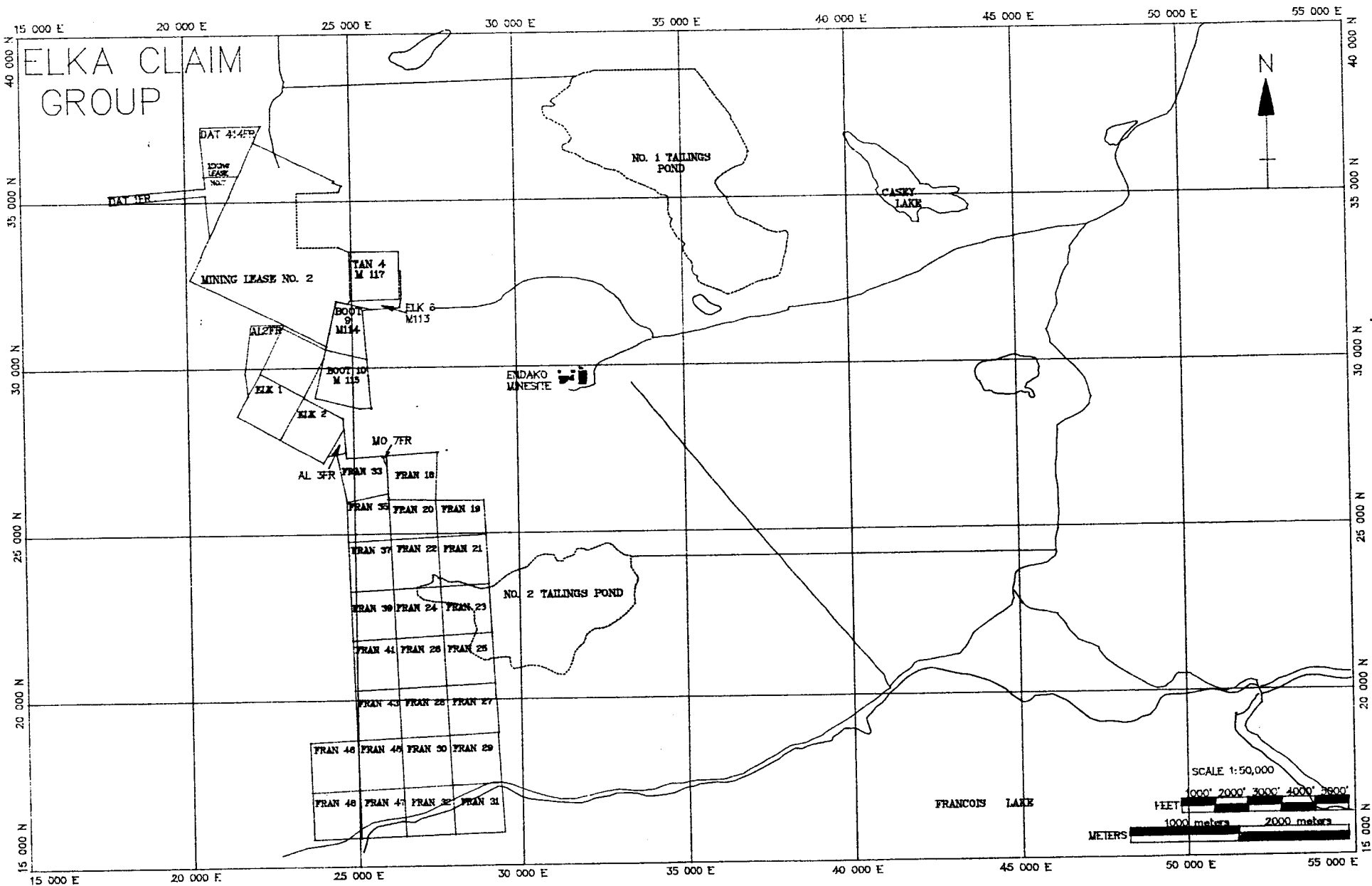
The molybdenum mineralization encountered at depth was predominantly narrow/confined and sub-economic.

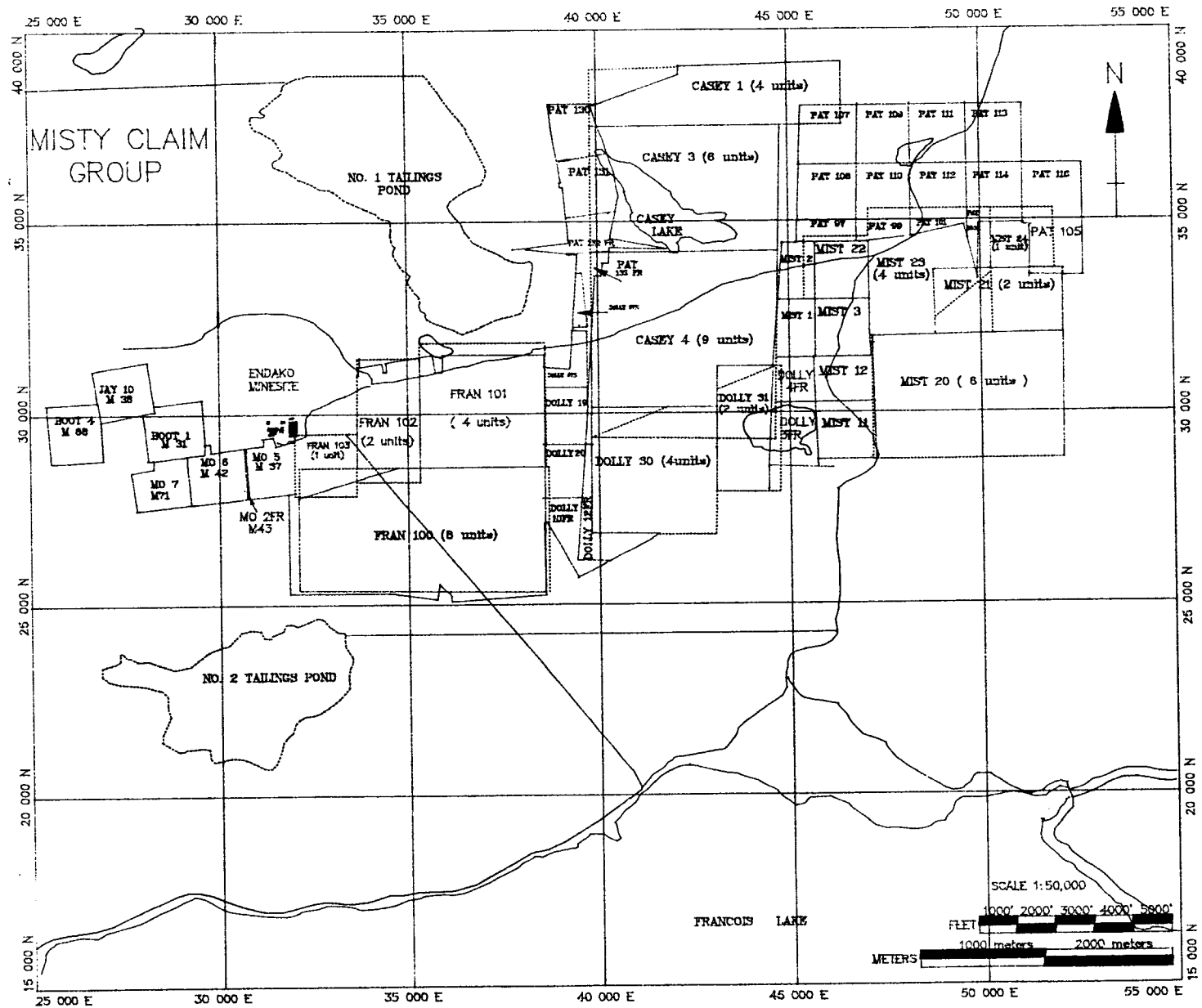


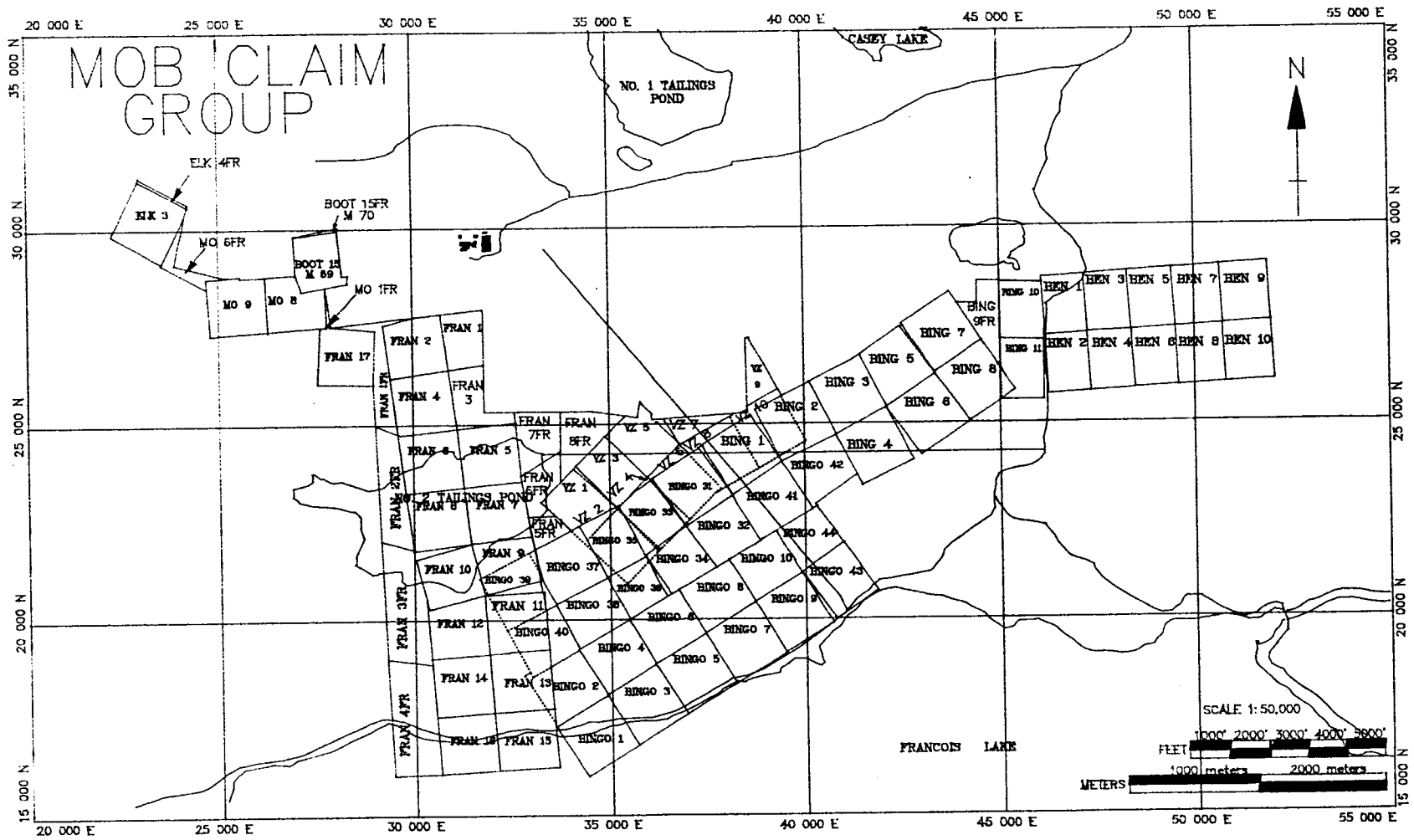
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93K13E









3.0 DIAMOND DRILLING PROGRAM

3.1 Contractor

L.D.S. Diamond Drilling Ltd. of Site 5, Comp. 13, R.R. #2, Kamloops B.C. was awarded the contract for diamond drilling.

The contract under which these fourteen holes were drilled is appended.

3.2 Drilling Project

Fourteen NQ wireline diamond drill holes (S656 - S669) totalling 3,476.68 meters were drilled on the **Boot 3, No.2, Tan 4, Boot 4, and Boot 15 Mining Leases** of the Como, Elka, Elka, Misty and Mob Claim Groups respectively.

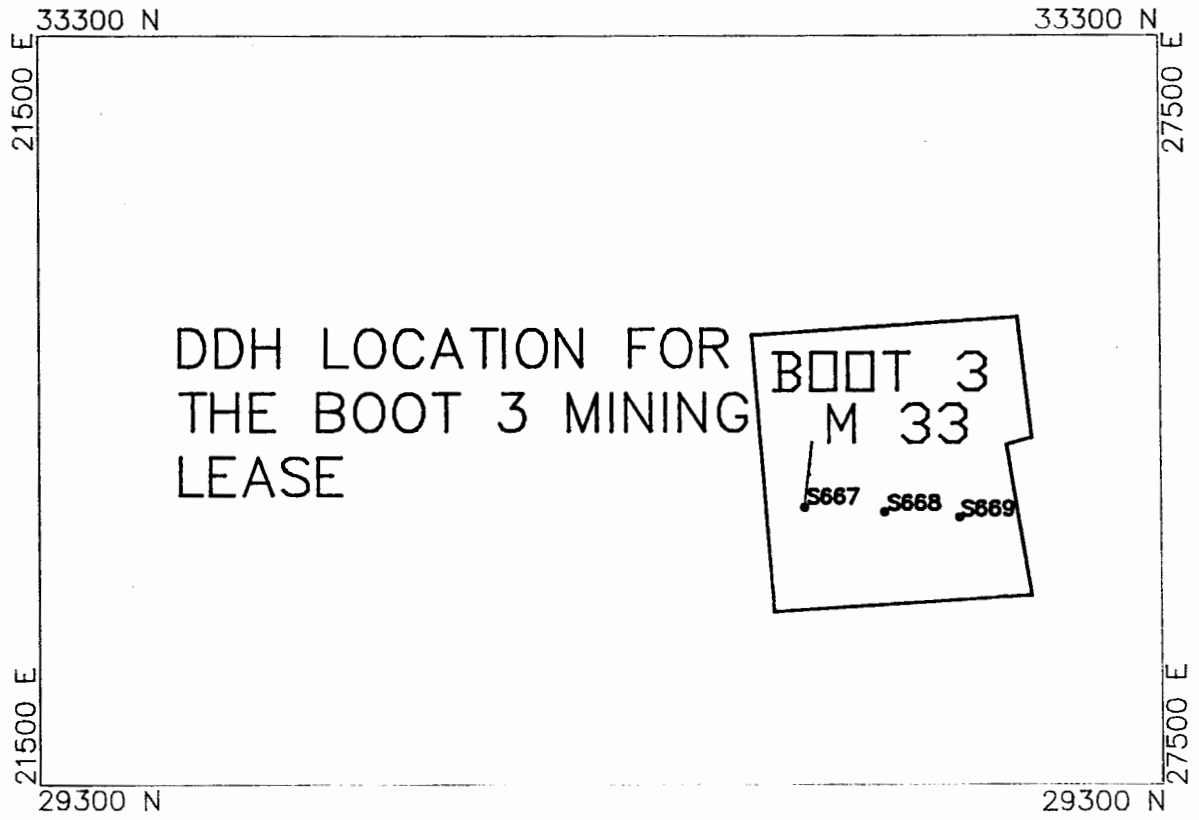
Boot 3 : S667, S668, S669	= 16.56% of drill prgm
No.2 : S656	= 4.38% of drill prgm
Tan 4 : S657, S658	= 8.75% of drill prgm
Boot 4 : S662, S663, S664, S665, S666	= 46.80% of drill prgm
Boot 15: S659, S660, S661	= 23.51% of drill prgm

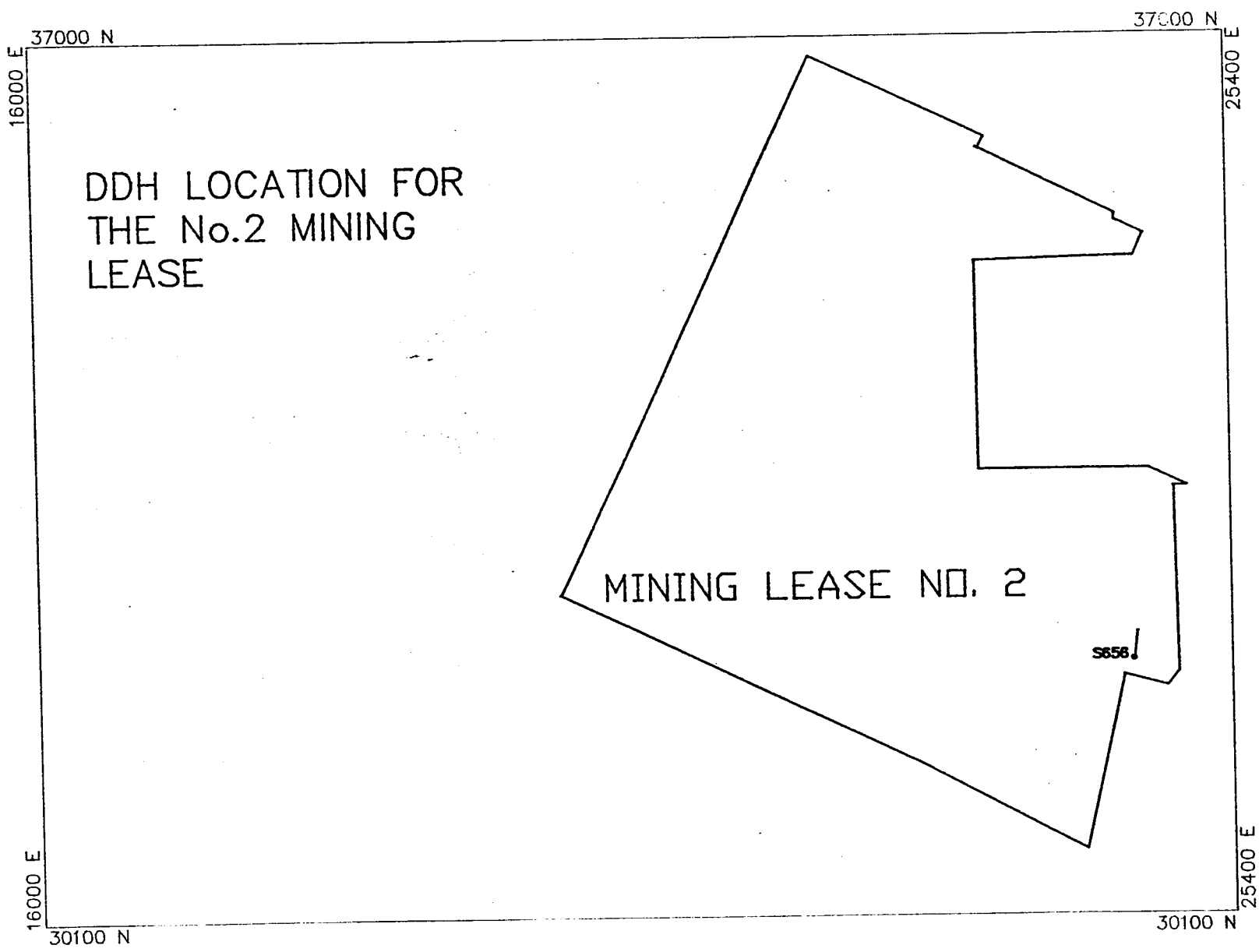
Diamond drill hole locations relative to the respective Claim Groups and their associated mining leases and mineral claims follow.

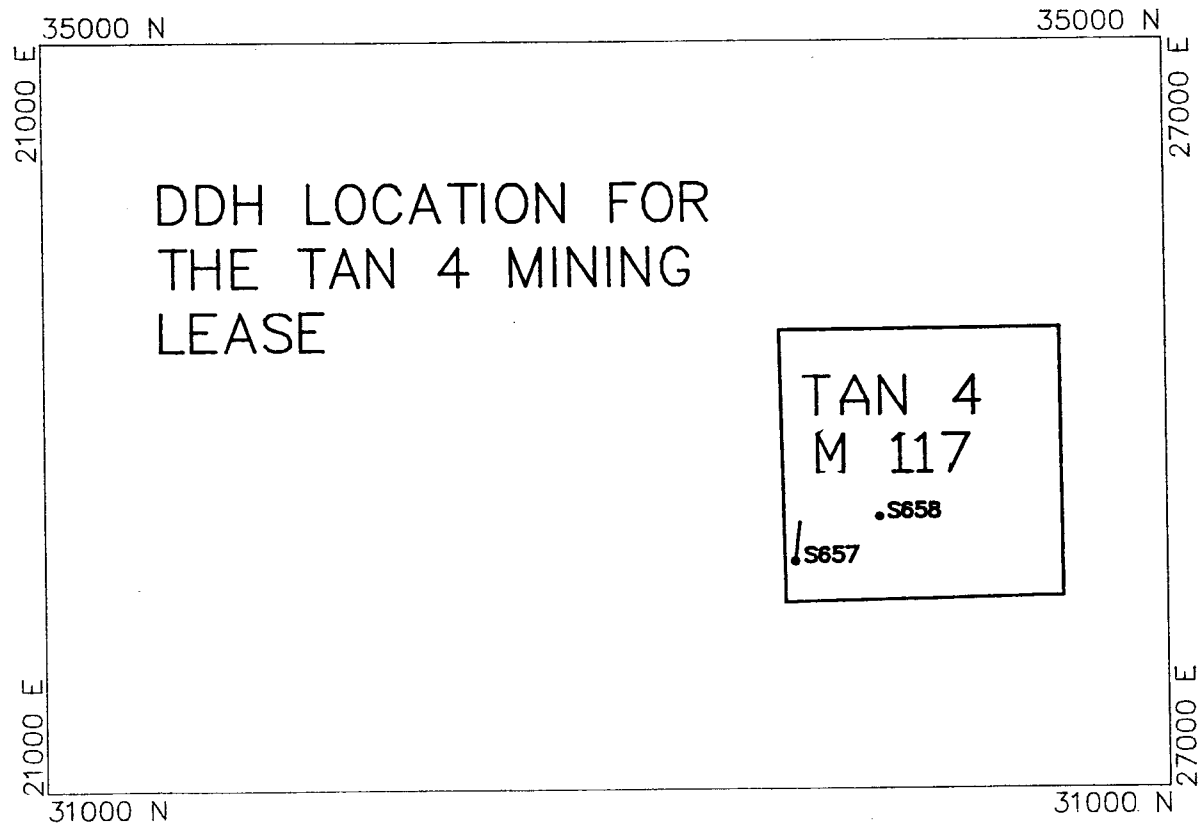
3.3 Core Logging

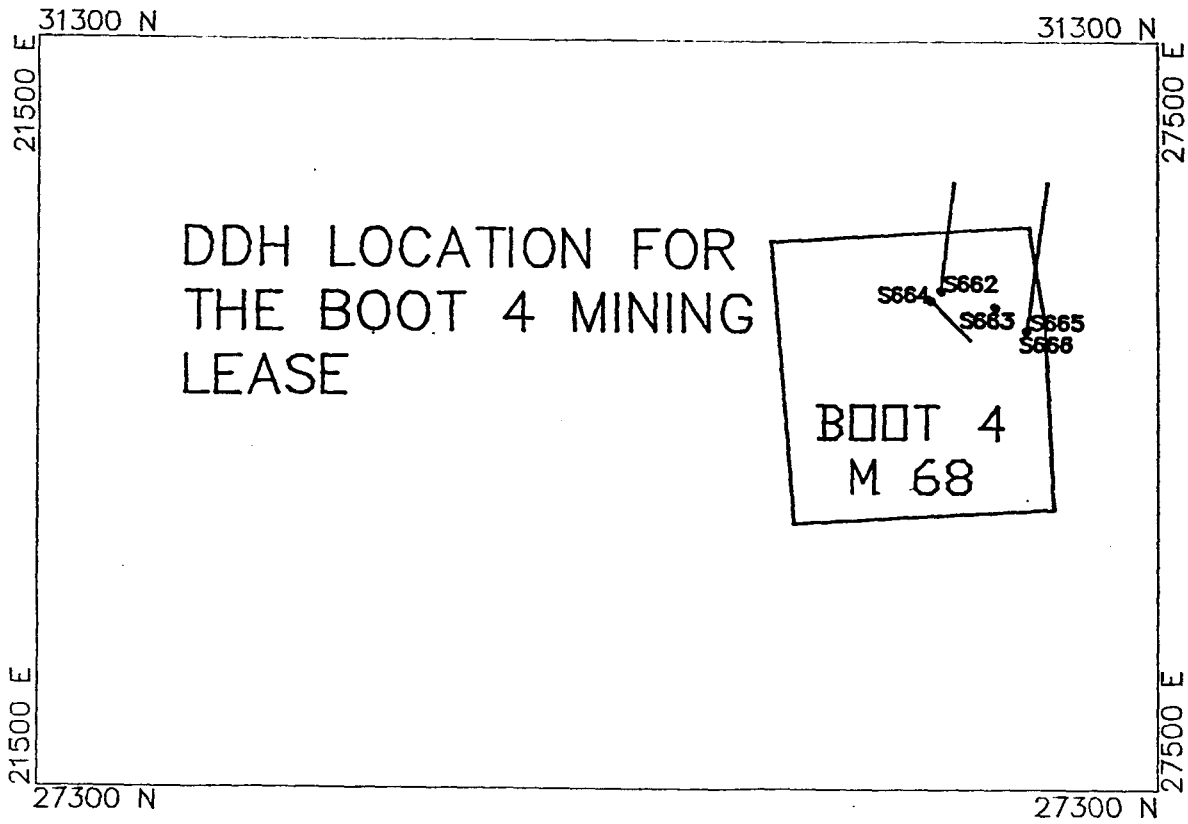
Drill core was geologically logged on 1" = 10 ft (2.54 cm = 3.05 m) graphic log by M. Smith and P. Maheux, and was sampled in corresponding ten-foot (approx. 3 meter) intervals for assaying. Ten-foot interval core samples consist of whole core. All samples were assayed for % MoS₂ content at Endako Mines Assay Laboratory. Very few of the 10 foot sections of core were estimated to be of ore grade.

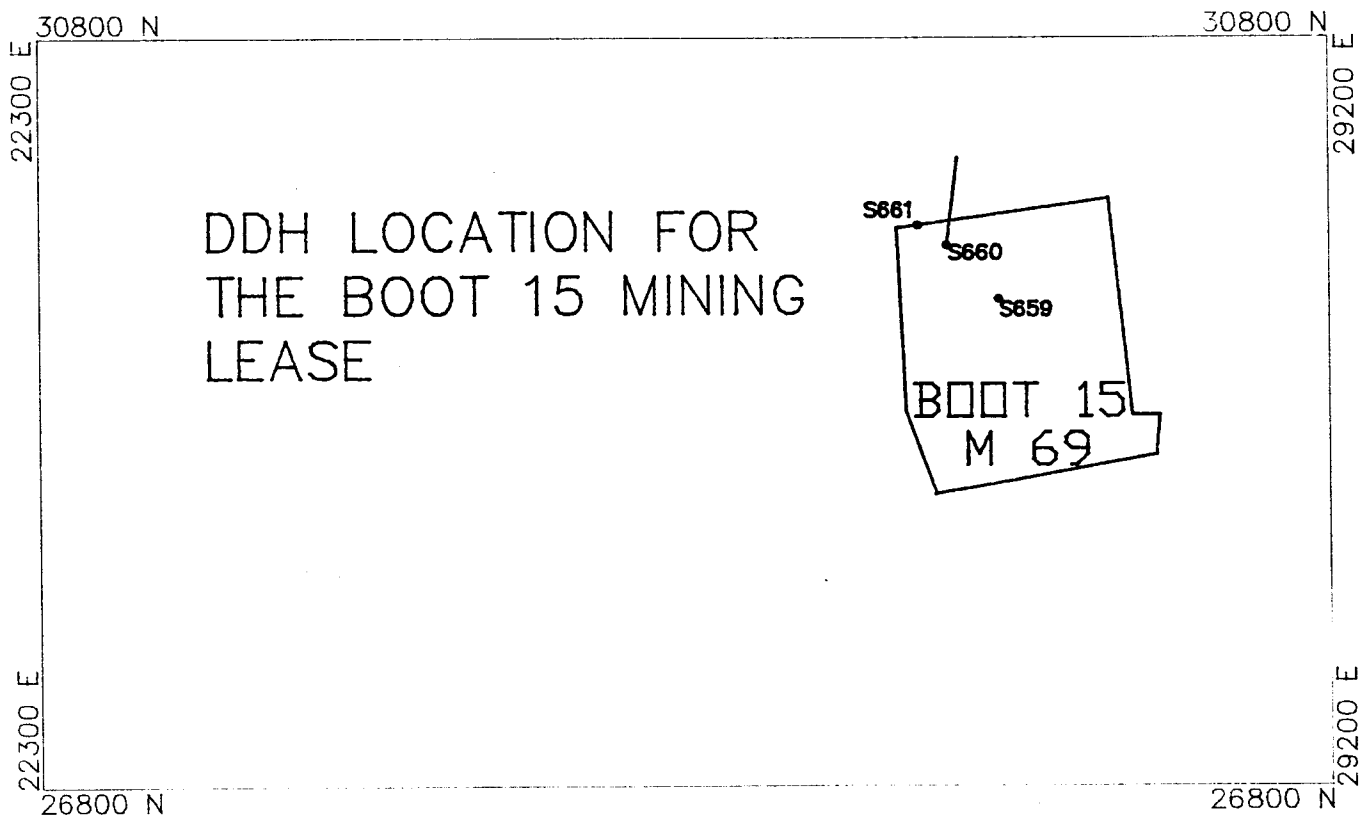
Diamond drill logs with assay results are appended.











4.0 GEOLOGICAL INTERPRETATION

Drilling encountered Endako Quartz Monzonite, a generally equigranular (3-4 mm) locally subporphyritic member of the Francois Lake Intrusions. The rock is readily recognized by its characteristic pink to bright orange-pink K-feldspar. It is kaolinized in varying degrees. The color of altered rock varies initially from pale greenish grey to dark green or bleached creamy white for highly altered varieties.

The Endako Quartz Monzonite is intruded by pre-mineral aplite, andesite, porphyritic granite and quartz-feldspar porphyry and post-mineral basalt dykes. Post sulphide mineralization consists of molybdenite, pyrite, and magnetite, with minor amounts of chalcopyrite.

Quartz, molybdenite and associated ore minerals occur in randomly oriented fractures in a stockwork adjacent to and surrounding quartz molybdenite veins which are 15 cm to 1/2 m wide. The occurrence of such quartz molybdenite veins was rare and the associated stockwork was weak to non-existent.

Major faulting was encountered and the trends are represented by the easterly trending South Basalt Fault and the northeasterly trending West Basalt Fault.

5.0 STATEMENT OF EXPENDITURES

The following expenditures were incurred by Placer Dome Inc., Endako Mines Division for fourteen diamond drill holes (S656-S669).

A. PERSONNEL EXPENSES

<u>PERSONNEL</u>	<u>PERIOD EMPLOYED</u>	<u>DAYS/</u>	<u>%</u>	<u>/RATE</u>	
P. Buckley	01/09/89 - 12/09/89	8 days	* 30%	* \$290	= \$ 696.00
M. Smith	12/09/89 - 30/11/89	65 days	* 60%	* \$200	= \$ 7,800.00
	15/12/89 - 20/12/89	4 days	* 65%	* \$200	= \$ 520.00
	15/01/90 - 31/01/90	13 days	* 50%	* \$200	= \$ 1,300.00
P. Maheux	10/10/89 - 15/02/90	106 days	* 89%	* \$180	= <u>\$ 16,920.00</u>
TOTAL PERSONNEL.....					\$ 27,236.00

Personnel Cost for 11,407.00ft of drilling = \$ 2.39/ft
 3,476.68 m of drilling = \$ 7.33/m

B. REPORT PREPARATION

Computer charges only

TOTAL REPORT PREPARATION.....\$ 500.00

Report Cost for 11,407.00ft of drilling = \$ 0.04/ft
 3,476.68 m of drilling = \$ 0.14/m

C. DIAMOND DRILLING COSTS

L.D.S. Diamond Drilling Ltd. of Kamloops, B.C. was awarded the contract for diamond drilling.

- (1) invoice Oct. 11 - Oct. 15
- (2) invoice Oct. 16 - Oct. 31
- (3) invoice Nov. 01 - Nov. 15
- (4) invoice Nov. 16 - Nov. 15

TOTAL DRILLING CHARGES.....\$157,867.75

Drilling Cost for 11,407.00ft of drilling = 313.54/ft
 3,476.68 m of drilling = \$45.41/m

D. ASSAYING COSTS

1,141 samples for 2MoS₂ * \$ 8.50/sample

TOTAL ASSAYING COSTS.....\$ 9,698.50

E. MISCELLANEOUS COSTS

Sperry Sun film loader and supplies
Batteries
Footage Blocks
Spray Bottles
Film and Developing

TOTAL MISCELLANEOUS COSTS.....\$ 308.00

TOTAL PROJECT COSTS.....\$195,610.00

6.0 DISTRIBUTION OF EXPENSES AMONG THE CLAIM GROUPS

A. M 33 BOOT3 MINING LEASE COMO GROUP

1889 ft of drilling
575.739 meters of drilling

16.560 % of drill program

drilling charge @ \$3,476.88/m	= \$ 26,142.90
189 samples @ \$ 8.50/sample	= \$ 1,606.07
mine personnel	= \$ 4,510.28
report prep.	= \$ 82.80
misc.	= \$ 51.00
	<u>\$ 32,393.05</u>

B. M117 TAN 4 MINING LEASE ELKA GROUP

998 ft of drilling
304.176 meters of drilling

8.749 % of drill program

drilling charge @ \$3,476.88/m	= \$ 13,811.55
100 samples @ 8.50/sample	= \$ 848.52
mine personnel	= \$ 2,382.88
report prep.	= \$ 43.75
misc.	= \$ 26.95
	<u>\$ 17,113.95</u>

C. MINING LEASE No.2 ELKA GROUP

500 ft of drilling
152.393 meters of drilling

4.383 % of drill program

drilling charge @ \$3,476.88/m	= \$ 6,919.34
50 samples @ \$ 8.50/sample	= \$ 425.09
mine personnel	= \$ 1,193.75
report prep.	= \$ 21.92
misc.	= \$ 13.50

\$8,573.60

D. M 68 BOOT 4 MINING LEASE MISTY GROUP

5338 ft of drilling
 1626.943 meters of drilling

46.796 % of drill program

drilling charge @ \$3,476.88/m	= \$ 73,875.79
534 samples @ \$ 8.50/sample	= \$ 4,538.51
mine personnel	= \$ 12,745.36
report prep.	= \$ 233.98
misc.	= \$ 144.13
	<u>\$ 91,537.77</u>

E. M 69 BOOT 15 MINING LEASE MOB GROUP

2682 ft of drilling
 817.434 meters of drilling

23.512 % of drill program

drilling charge @ \$3,476.88/m	= \$ 37,117.87
534 samples @ \$ 8.50/sample	= \$ 2,280.31
mine personnel	= \$ 6,403.73
report prep.	= \$ 117.56
misc.	= \$ 72.42
	<u>= \$45,991.88</u>

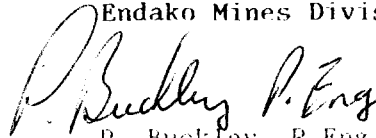
TOTAL DISTRIBUTION OF EXPENSES.....\$195,610.00

7.0 CONCLUSION

Fourteen NQ wireline diamond drill holes (S656-S669) totalling 3,476.68 meters were drilled at an average project cost of \$56.26 per meter or \$17.15 per foot on the Boot 3, Tan 4, No.2, Boot 4 and Boot 15 Mining Leases of the Como, Elka, Elka, Misty and Mob Claim Groups respectively. The molybdenum mineralization encountered at depth was predominantly narrow/confined and sub-economic.

Submitted by,

PLACER DOME INC.
Endako Mines Division



P. Buckley, P.Eng
Senior Geologist



M. Smith, E.I.T.
Geological Engineer

APPENDIX I
STATEMENT OF QUALIFICATIONS
PAUL BUCKLEY

I, Paul Buckley, of Placer Dome Inc., Endako Mines Division, Endako B.C., do hereby certify that:

1. I am a Geological Engineer and a member of the Association of Professional Engineers of the province of British Columbia.
2. I am a graduate of the University of British Columbia with a B.A.Sc. in Geological Engineering in 1973.
3. From 1973 until the present, I have been engaged in open pit operations and exploration geology in British Columbia.
4. I personally assisted with the planning of the diamond drill program and supervised the work carried out by Mark Smith.
5. I have personally reviewed the results of the program and to the best of my knowledge the interpretation thereof is correct.

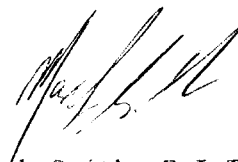


Paul Buckley, P.Eng

APPENDIX 1
STATEMENT OF QUALIFICATIONS
MARK SMITH

I, Mark Smith, of Placer Dome Inc., Endako Mines Division, Endako B.C., do hereby certify that:

1. I am a Geological Engineer in training (E.I.T.).
2. I am a graduate of the University of British Columbia with a B.A.Sc. in Geological Engineering in 1987.
3. From 1987 until the present, I have been engaged in both underground and open pit mining operations, and in exploration geology in British Columbia and Saskatchewan under the supervision of engineers and geologists.
4. I personally assisted with the planning and supervision of the diamond drill program and supervised the core logging performed by Pierre Maheux.



Mark Smith, E.I.T.

STATEMENT OF QUALIFICATION: P.J. MAHEUX

I, Pierre J. Maheux, of the City of Vancouver, British Columbia, do hereby certify that:

1. I am a geologist.
2. I am a graduate of Queen's University at Kingston, Ontario where I received a Bachelor of Science degree (Honours, Specialization) in geology dated October, 1983.
3. I am a graduate of The University of Alberta at Edmonton, Alberta where I received a Master of Science degree in geology dated June, 1989.
4. I am a member in good standing of the Geological Association of Canada, The Geological Society of America, The Society of Economic Geologists, The Geochemical Society, The Canadian Institute of Mining and Metallurgy and The Prospectors and Developers Association of Canada.
5. I have been engaged in the study of and exploration for mineral deposits throughout Canada on a full or part-time basis since 1980.
6. I assisted in and was present for all the work done during the 1989 diamond drilling program at Endako Mines Division of Placer Dome Inc. This work included surveying of drill sites, core logging and core sampling.



Pierre J. Maheux

APPENDIX II
DIAMOND DRILL CONTRACT
BETWEEN
L.D.S. DIAMOND DRILLING LTD.
AND
PLACER DOMF INC.
ENDAKO MINES DIVISION

THIS AGREEMENT made the 27 day of September, 1989.

BETWEEN: L.D.S DIAMOND DRILLING LTD.,
a company duly incorporated under the laws of the Province of
British Columbia and having an office at Site 5, Comp. 13, R.R.#2
Kamloops, British Columbia V2C 2J3

(hereinafter referred to as the "Contractor")

OF THE FIRST PART

AND: PLACER DOME INC.,
Endako Mines Division,
a body corporate with offices at 1600 - 1055 Dunsmuir Street,
Vancouver, British Columbia V7X 1P1

(hereinafter referred to as "Endako")

OF THE SECOND PART

WHEREAS:

A. Endako is the holder of certain mineral claims on which the proposed diamond drill holes, which are shown on the map annexed hereto as Schedule "A", will be located;

B. Endako is desirous of having performed certain diamond drilling on its mineral claims;

C. The Contractor, in consideration of the payments hereinafter provided, has agreed to carry out the said diamond drilling.

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the premises and the mutual covenants herein contained, the parties hereto covenant and agree as follows:

1. PROJECT:

The Contractor agrees to find and supply all labour, materials, transportation, machinery, equipment and workmanship necessary to carry out a diamond drilling program as shown on the map annexed hereto as Schedule "A" in accordance with the terms of this Agreement and the General Conditions hereto annexed as Schedule "B" and at the prices herein specified.

2. GUARANTEED FOOTAGE:

Endako guarantees a minimum of Ten Thousand (10,000) feet of diamond drilling in a series of vertical and inclined holes. All measurements to be taken from top of casing.

3. CORE SIZE, SCHEDULE AND EQUIPMENT:

The Contractor guarantees to bore by diamond drill, the specified minimum footage and additional footage if requested, recovering NQ or NQ-3 wireline core, approximately 1 7/8 inches in diameter, and to supply forthwith one (1) drill outfit, a tractor and operator suitable for moving the drill, along with the necessary associated equipment, industrial diamonds and labour to commence the work on or about the 10th day of October, 1989 and to complete the program on or about the 28th day of November, 1989.

4. PRICE:

The price of the work described herein shall be as follows:

(a) CORE DRILLING (NQ)

Footage	Price per Foot
0 - 500	\$12.75
500 - 1000	\$14.00
1000 - 1500	\$15.50

(b) CORE DRILLING (NQ-3) TRIPLE TUBE

Footage	Price per Foot
0 - 500	\$13.75
500 - 1000	\$15.50
1000 - 1500	\$16.50

5. The Contractor agrees that all its labour, diamond wear and loss, and all other operating expenses, except as hereinafter provided, shall be at its own cost and expense and for its own account. The Contractor agrees to provide all diesel fuel required for the operation of the drill, and equipment at no cost to Endako.

6. PENETRATION OF OVERBURDEN:

Whenever overburden or broken rock is encountered on a set-up, it is agreed that the Contractor's charge for penetrating such overburden or broken rock shall be at the following rates:

(a) OVERBURDEN DRILLING

Footage	Price per Foot
0 - 50	\$ 12.75
50 - 100	\$ 14.00
100 - 150	\$ 16.00

7. FIELD COST:

It is agreed that Field Cost shall be interpreted here and hereinafter to mean the Labour of a two-man crew at the rate of Twenty-five Dollars (\$25.00) per hour per man; Drill rate of Fifty Dollars (\$50.00) per hour; Tractor rate of Sixty-five Dollars (\$65.00) per hour; pipe and casing lost or left in holes; diamond loss and setting charges; materials and supplies consumed in the work at delivered cost plus ten percent (10%).

8. CAVES:

In the event that cavities or loose and caving material are encountered of such a nature as to prevent the successful completion of any hole, the Contractor does not, under such conditions, guarantee to drill to a predetermined depth, and in the event that it becomes necessary to abandon the hole, Endako agrees to pay for such uncompleted holes at the rates herein specified for all footage completed. If required to continue on such holes on specific orders and approval from Endako's resident Engineer or representative, then the Contractor shall have the option to revert to drilling at Field Cost, plus all required materials, supplies and equipment at delivered cost plus ten percent (10%).

9. Wherever pipe, casing or other equipment is lost or is left in a hole on the instructions of Endako's Engineer, Endako agrees to pay the Contractor for such pipe, casing or other equipment at their depreciated value, f.o.b. drill site. Endako agrees to pay the Contractor the cost of diamond set casing shoe bits in addition to the cost of any casing left in the hole. The Contractor shall supply all man hours necessary to perform the attempted recovery of materials.

10. WEDGING:

It is mutually agreed that directional drilling and wedging operations to maintain the angle of a drill hole shall not be part of this agreement.

11. WATER:

Water for drilling purposes shall be pumped by the Contractor, at his own expense, up to a distance of 4,700 feet horizontally and up to 450 feet of vertical lift. Should the distances ever be greater, then the supplying of water shall be pro-rated; the above distances to the Contractor's account, and costs over and above the specified distances to be paid by Endako on a Field Cost rate.

12. MOVES:

(a) It is agreed that the mobilization of drill and camp equipment, supplies and personnel from the Contractor's warehouse to Endako's property, and return to Contractor's warehouse shall be at no charge to Endako.

(b) It is agreed that moving the drill crew, drill equipment and supplies from the truck unload point, which shall be located as close as practicable to the drilling area, to the first drill site, and from the last drill site to the truck unload point, shall be for the Contractor's account.

(c) It is agreed that moves between drill sites shall be for the Contractor's account.

(d) Moving shall be interpreted to include tearing down, dismantling machinery, moving, securing timber, transportation, and setting up.

(e) The contractor agrees to supply a tractor for the purpose of moving drills and associated equipment between holes.

(f) Interim service trips in connection with the maintenance of drill camps and the drilling operation shall be for the Contractor's account.

(g) Endako will provide suitable access roads and drilling sites in advance of the drilling operation at no cost to the Contractor, and the Contractor will inspect all drilling sites prior to commencement of any drilling.

13. STANDBY RATES:

It is understood and agreed that time lost waiting for orders from Endako's resident Engineer or representative, waiting for cement to set, delays for logging the hole shall be charged to Endako at the following rates:

Labour:

(max.8hours/man/shift) \$25.00 per man hour

Drill:

(max.8hours/shift) \$50.00 per hour

14. TRAVEL:

The Contractor will provide transportation for its personnel to and from the drill sites. Transportation costs shall be for the Contractor's account.

21. **INSURANCE:**

The Contractor at its own expense and cost shall insure and keep insured during the term of this contract with an insurer acceptable to and approved by Endako the following liability insurances:

(a) Comprehensive General Liability Insurance which shall include all Operations, Contractor's Protective, Contractual Products and Completed Operations, and non-owned Automobile Liability, with a bodily injury and/or death limit of not less than Two Million Dollars (\$2,000,000.00) for each occurrence and a property damage limit of not less than Two Million Dollars (\$2,000,000.00) per occurrence, and in the aggregate with respect to products and completed operations liability. Endako shall be added as an additional named insured under this section. This policy shall also contain a clause reading as follows:

"Cross Liability: The insurance afforded under this policy shall apply to any action brought against any of the insureds by any other insured in the same manner as though separate policies were issued to each."

(b) Automobile (owned). The insurer's limit of liability shall not be less than the following:

\$2,000,000.00 per bodily injury and/or death for each occurrence, and not less than \$2,000,000.00 per occurrence for property damage.

(c) A certificate of insurance certifying that the Contractor has insurance as required under Section 23 (a) and (b) shall be filed with Endako upon acceptance of the contract terms.

(d) The Contractor and/or Sub-contractor shall also insure and keep insured while this contract is in force with an insurance company or companies acceptable to and approved by Endako at the Contractor's and/or Sub-contractor's own expense and cost, insurance on all equipment owned and/or hired and/or used by them in connection with the work. This insurance shall provide coverage on the basis customarily known as Inland Marine Named Perils coverage. Endako shall be added as an additional named insured under this insurance. The policy shall also contain a waiver of subrogation against Endako.

(e) The Contractor shall arrange that such insurance shall not be cancelled without sixty (60) days prior written notice to Endako by the insurers.

22. The contractor shall be responsible for and will pay promptly all dues and assessments payable under any Worker's Compensation Act or other similar Act, whether provincial or federal, in respect of its employees.

23. ENVIRONMENT:

During the course of the Work, the Contractor shall at all times keep Endako's premises free from accumulation of waste material or rubbish and upon completion of the work, will remove all tools, scaffoldings, surplus materials and rubbish, and leave the premises in a clean condition. The Contractor shall observe and comply with all applicable Federal and Provincial laws, regulations and orders relating to prevention of forest fires and sanitation in the bush.

Endako will be responsible for procuring and maintaining applicable permits for land, timber and water usage. Endako will hold the Contractor harmless for any liability claims which may arise from normal activity related to this Agreement, including pollution of ground water or surrounding land from discharge of drill water and waste save if the Contractor's employees act in an irresponsible manner.

24. PAYMENT FOR WORK:

(a) Endako agrees to pay the Contractor, in lawful money of Canada, at rates hereinbefore specified. Invoices shall be rendered for all work done from the 1st to the 15th day of the month inclusive, and for all work done from the 16th to the last day of the month inclusive. Such invoices shall be submitted promptly to Endako. After approval of an invoice by the Engineer, Endako shall within 15 days following receipt of the said invoice make, or cause to be made, payment for 90% of the value of the completed work as shown on the said invoice.

(b) Such payment for any portion of work shall in no degree release or relieve the Contractor from liability for any loss, injury or damage which may result from the use of improper materials or workmanship, or omissions or defects in the work which may have escaped the notice of the Engineer.

(c) The amount remaining due to the Contractor shall be retained by Endako until the expiration of 40 days after completion, final testing and acceptance of the work by the Engineer. At such time, the Contractor shall submit an invoice for the amount of 10% holdback monies and any other monies which may be due to the Contractor pursuant to the terms of this Agreement. Subject to approval of such invoice by the Engineer, the amount remaining due shall be paid by Endako to the Contractor provided that:

(i) there are no mechanics', repairers', builders', labourers', materialsman's', and/or similar liens filed with respect to the work; and

(ii) the Contractor has furnished Endako with evidence of the release of all claims arising hereunder, including the appropriate sworn statements to show that no such liens have been or may be attached to the work or to the real and personal property of Endako, and evidence in writing from the British Columbia Workers' Compensation Board that the Contractor is registered as an employer with such Board and has paid all and any sums which it may be required to contribute to the Accident Fund under the British Columbia Workers' Compensation Act from commencement of the work to its completion.

25. MANNER OF PERFORMING WORK:

The Contractor shall perform his work in such a manner as to not interfere with or hold up the normal operations of Endako.

26. SAFETY:

The Contractor will abide by all provisions of the Mining Regulation Act that pertain to safety and such other matters relevant to this Agreement.

The Contractor's equipment shall meet all Worker's Compensation Board and Department of Mines Regulations.

27. ENGINEER:

Endako's Engineer or representative referred to herein and in the General Conditions of the Contract shall be the Mine Manager, Placer Dome Inc., Endako Mines Division, or such other person as he may nominate in writing as his representative.

28. NOTICES:

All communications in writing between the parties shall be deemed to have been received by the addressee if delivered to the individual or to a member of the firm or to an officer of the corporation for whom they are intended, or sent by post or telegram addressed as follows:

The Contractor: Mr. Leo Shaw
L.D.S. Diamond Drilling Ltd.
Site 5, Comp. 13, R.R. #2,
Kamloops, B.C.
V2C 2J3

Endako: The Secretary
Placer Dome Inc.
Endako Mines Division,
P.O.Box 49330, Bentall Postal Station,
1600 - 1055 Dunsmuir Street,
Vancouver, British Columbia
V7X 1P1

The Engineer: Mine Manager
Placer Dome Inc.
Endako Mines Div.
Endako, British Columbia
V0J 1L0

29. GENERAL

Whenever in this Agreement it is stipulated that anything will be done or be performed by either of the parties hereto, it shall be assumed that such Party does hereby enter into a covenant with the other Party to

do or perform the same.

30. All grants, covenants, privileges and liabilities contained in this Agreement shall be read and held as made by and with and granted to and imposed upon the respective parties hereto and their respective successors and assigns, in the same manner as if the words "Successors" and "Assigns" had been inscribed in all proper and necessary places, and in the event of more than one person being the Contractor, the said grants, covenants, provisos and liabilities, shall be construed and held to be several as well as joint.

31. Whenever the singular or masculine is used throughout this Agreement, the same will be construed as meaning the plural or feminine or body corporate, as the context of the Parties so require.

32. Any condoning, excusing or overlooking by Endako of any breach, or non-performance by the Contractor at any time or times in respect to any covenant, term, condition and proviso contained in this Agreement shall not operate as a waiver of Endako's right in respect of any continuing or subsequent default, breach or non-performance.

33. This Agreement may be altered only by written consent of both parties hereto.

34. Time is of the essence in this Agreement.

IN WITNESS WHEREOF the parties hereto have caused these presents to be executed as of the day and year first above written.

PLACER DOME INC
ENDAKO MINES DIVISION

BY: *Clacey*)

SIGNED, SEALED and DELIVERED by)
_____ :)

Name: *Leo Shan*)

Address: *Comp 13 Site 5 RR-2*)

Occupation: *President*)

MVS\ENDAKO\L.D.S.89

APPENDIX III
DIAMOND DRILL LOGS
FOR
HOLES S656-S669

Paul Buckley P. Eng
ENDAKO MINES

HOLE No. 5656
 SHEET No. 1 Of 3

SECTION 7100

LOCATION Endako Pit Bottom BEARING Collar = 007° Bottom = 009° LATITUDE 32100.44 CORE SIZE NQ wireline LOGGED BY P. Mahaux
 DATE COLLARED Oct 12 1989 LENGTH 500' DEPARTURE 24608.73 SCALE OF LOG 1" = 10' DATE October 12, 1989 → Oct. 17, 1989
 DATE COMPLETED October 13, 1989 DIP Collar = 64° Bottom = 64° ELEVATION 2808.005 REMARKS _____

D.I.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Pkg	K-Spor.	Matk.	Texture	Hardness		Rock Name/ Appearance	Alteration	L to Core Axis	Width of Vein	Mineralization/ Faulting (type)	Envelopes (type)	Remarks	Fractures	Frequency	Stitchside L to Core Axis	R O D	Folios Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																				Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂																						
						(0-10) casing						no core recovered													
						Nx Kaol. Alt'n 2M	?	10									10								
						Intense Alt'n 148-15	?	20	1/8	qz+cc		15'→17' loc+				0	17				1401			.023	
						Intense Kaol. Alt'n 195	?	20	1/16 x 2	qz, cal, mag (qz), fll gg, kaol, d. ser, Hgn	qz hu										.01				
						Mod. Kaol. Alt'n	?	20+30	1/8	cal, mag, br, kaol, plagioclase, ser, Hgn, H ₂ O		24'→27' loc+				0	27				102			.015	
						(wk)		45	1/8	mag (qz)		24'→30' loc+									.01				
								50	1/8	cal (qs)											.01				
								50	1/8	pr (qz) (ser)															
								50	1/8	cal, qz, mag, Hgn, ser		37'→35' loc+			50	4	37				1403				.025
						Wk Kaol. Alt'n 0M		40	1/16 x 2	cal, qz, mag, Hgn, ser											.01				
								20	1/16	Kaol. qz?											1404				
								40	1/16 x 2	cal, qz, mag, Hgn, ser						27	47				.02				.040
						Mod. Intense Kaol. Alt'n		50	1/8	qz (mo)															
						Intense Alt'n		50	1/8	fll gg, ser, Hgn, kaol											1405				
								50	1/8	qz, cal, mag, Hgn, ser, kaol	ser 1/16					51	57				.02				.048

HOLE No. 5656
SHEET No. 3 Of 3

SECTION 7100

ENDAKO MINES

Core No.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Pling	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance		Mineralization/ Pitting (type)	Envelopes (Type)		Remarks	Fractures		Slit to Core Axis	ROD	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number			
												Frequency	Slit					Core	Sludge	Estimated Grade	Core	Sludge	
																%	%	% MoS ₂	% MoS ₂	Combined			
01						Intense Kaol. Alt'n	0-50	1/2, 1/4 Kaol, ser cal		crack bk	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	 		16						14.5			
02						Wk to Mod. Kaol Alt'n	140-150	bar qz, cal, E Mo qtz, Mo		crack bk	10-20 20-30 30-40 40-50 50-60 60-70 70-80	 		137						.02		.059	
03						Mod Kaol Alt'n GM	150-160	Mo cal, Mo qtz + Mo Mo			10-20 20-30 30-40 40-50 50-60 60-70 70-80	 	35	44	147					.02		.026	
04						Basalt Dyke	160-170	cal, qz + Mo cal, qz, Mo, hwt dyke		dyke ass. 2 intense shear crack bk thru out int	10-20 20-30 30-40 40-50 50-60 60-70 70-80	 		70	157					14.15		.025	
05						Basalt Dyke	160-170	Mo, cal, qz, kaol, ser cal vults discont random cal, kaol, qz, chl, hem diam cal + qz bare ser, kaol mo? diam ser orientation ben. Kspers		hanging wall, dyke 50 UC 1/4 to 1/2 Plug 30 LC - bc above a below dyke - domnant bc min. is cal mod. to intense bc ser int v. fr. ga frags to 1/2"	10-20 20-30 30-40 40-50 50-60 60-70 70-80	 		95	147						.015		.013
06						Mod to Intense Kaol. Alt'n GM	170-180	qz + Mo sil ag - ser, kaol, Mo?		Fragmented by qz + Mo vult 2" shear	10-20 20-30 30-40 40-50 50-60 60-70 70-80	 		95	177						.015 + ?		.018
07						Wk. to Mod. Alt'n GM	170-180	qz + Mo cal		cal, ser vult	10-20 20-30 30-40 40-50 50-60 60-70 70-80	 		81	187						.015		.011
08						Wk. to Mod. Kaol. Alt'n GM	170-180	Mo cal kaol, ser, cal cal, ser, cal		v. small shear	10-20 20-30 30-40 40-50 50-60 60-70 70-80	 		97	197						14.19		.009

SECTION 7100

ENDAKO MINES

Core	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Plog	K-Spar.	Mafic	Texture	Hardness	Rock Name/Appearance		L To Core Axis	Width of Vein	Mineralization/Faulting (type)	Envelope (type)	Remarks	Fractures to core	Frequency	Stickside L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
																			Core	Sludge	Estimated	Grade	Core	Sludge	Combined	
						Wk. to Mod Kaol. Alt. QM	10-15B		natural calc.			0														
						Mod. to Int. Kaol. Alt. QM	15-20B	1/4" Wk	gg-kaol. int. calc. quartz		irregular vein	10		0-mch	49						1434					
						intense Kaol. alt. QM	20-25B	1/4" Wk	gg-kaol. int. calc. quartz		irregular vein	20									.01				.004	
						intense Kaol. alt. QM	25-30B	1/4" Wk	gg-kaol. int. calc. quartz			30														
						Wk. Kaol. Alt. QM	30-35B	1/4" Wk	gg-kaol. int. calc. quartz		weak matrix of core due to blocked flow	40			43						.01				.001	
							35-40B	1/4" Wk	gg-kaol. int. calc. quartz			50														
							40-45B	1/4" Wk	ch. calc.			60			65											
							45-50B	1/4" Wk	ch. calc.			70			67						.01				.001	
						Wk. to Mod Kaol. Alt. QM	50-55B	1/4" Wk	ch. calc.			80														
						Wk. Kaol. Alt. QM	55-60B	1/4" Wk	ch. calc.		vesper 1/4	90			60						.01				.006	
							60-65B	1/4" Wk	ch. calc. thru blocks int. 1/2% disse. py			100														
							65-70B	1/4" Wk	ff. gg. kaol. calc. ch. calc.			10			30											
							70-75B	1/4" Wk	kaol. ch. calc. quartz calc. ch. calc. ben.		irregular vein	20		60-mch ch.	37						.01				.001	
							75-80B	1/4" Wk	ch. calc.			30														
							80-85B	1/4" Wk	ch. calc.			40			69											
							85-90B	1/4" Wk	ff. gg. ch. calc. quartz		ch. bl.	50														
							90-95B	1/4" Wk	calc. ch. calc.			60									.01				.001	
							95-100B	1/4" Wk	ch. calc. thru blocks int. 1/2% disse. py		minor brecciation (cradle)	70														
							100-105B	1/4" Wk	ff. gg. kaol. calc. ch. calc.			80			37											
							105-110B	1/4" Wk	calc. ch. calc.			90									.01				.001	

SECTION 7100 ENDAKO MINES

UNIT	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Play	K-Spot	Mark	Texture	Hardness	Rock Name/Appearance			L To Core Axis	Width of Vein	Mineralization/Faulting (type)	Emplacements (type)	Remarks	Weight in Grams		Sample Number		% MoS ₂						
														Fractures	Sieve/size L To Core Axis	R O D	Footage Blocks	Specific Gravity	Core	Sludge	Core	Sludge	Core	Sludge
						Mod. to intense (Wk.) Kaol. Alt'n cont	430	1/8				92			1441									
						4' int. mod. Alt'n	430	1/8		Kspn 1/8		70			1442									
						black core	430	1/8				70			1442									
						Unaltered. QM	440	1/8				61			1443									
							440	1/8				61			1443									
							450	1/8				68			1444									
							450	1/8				68			1444									
							460	1/8				25			1445									
							460	1/8				25			1445									
						Mod. to Intense Alt'n	470	1/8				26			1446									
							470	1/8				26			1446									
							480	1/8				18			1447									
							480	1/8				18			1447									
							480	1/8				18			1447									
							480	1/8				477			1448									
							480	1/8				477			1448									
							480	1/8				477			1448									
							480	1/8				477			1448									

HOLE No. S657
SHEET No. 1 Of 8

SECTION 7500

ENDAKO MINES

LOCATION DENAK EAST PIT BEARING Collar = 007° Bottom = 015° LATITUDE 32217.07 CORE SIZE NQ LOGGED BY PIERRE MAHEUX
DATE COLLARED Oct 12/89 LENGTH 498' DEPARTURE 25016.29 SCALE OF LOG 1" = 100' DATE OCTOBER 20, 1989 → OCT. 26/89
DATE COMPLETED Oct 14/89 DIP Collar = 65° Bottom = 63° ELEVATION 2808.19 REMARKS

D.T.	ROCK TYPES & ALTERATION					GRAPHIC LOG Alteration Footage SLUGS L To Core Axis	MINERALIZATION & Structures Alteration/ Faulting (type)	STRUCTURES Envelope (type)	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Pis	M-Spec.	Matic.	Texture	Hardness					Rock Name/ Appearance	L To Core	Width of Vein	Frequency	Slickenside L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% Mo S ₂	
																		Core %	Sludge %	Core	Sludge	Core	Sludge
H-6-7	buff to light gray	buff pink to orange pink	dk gray to black	coarse gran.	Med. to Intense Alt'n (H2-7 HS)	10	1/8 to 3/8	mod. S.Hg; clay, kaol., chls, cal.	casing no core recovered.														
											7	17											
											15												
												27											
H-6-7																							
											44												
												37											
												66											
												47											
												63											

Paul Desbry P. Enr

SECTION 7500

ENDAKO MINES

HOLE No. 5657
SHEET No. 2 Of 84918-865
946

D/I	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS																								
	Flag	Gr-Spec.	Matt.	Texture	Hardness			Rock Name/Appearance	Footage	∠ To Core Axis	Width of Vein	Mineralization/Faulting (type)	Envelope (type)	Remarks	Fractures ∠ to Core	Frequency	Slitbeds ∠ to Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂																
																			Core	Sludge	Estimated Grade		Core	Sludge	Combed														
																			%	%	% MoS ₂	% MoS ₂																	
						Wk. Kaol. AH'n GM (Fresh)	70x2	11x2	chl				0																										
						Mod to Intense Kad. AH'n	70	70	chl, cly, ser, ss+mo, cal			bl bounded ang ortho - major intense brecc. fill'n.	0				68	67				1455								.07		.073							
						Intense ah'n	75-80		ss+Mo Mo; cal			- shallow cal. v.lets are late (post Mo?)	0									1456																	
						Lost core Intense AH'n. Intense AH'n / fault	80	80	cal sp/ Mo; cal; Mo ser; Kaol; Mo; chl; Mo; ss; cal; Mo; Mo			- broken (or) core - Kad. ser.; - 1-2% pydiss.	0				17	77					1456											.09		.167			
						(Wk) to Mod. Kaol. AH'n	85-90		Mo Mo Mo cal			- frac. rough surfaces.	0									1457																	
						Assess Mo. 5% pervasive Ksp. 2"	90	90	dissem. Mo			- dissem. py + mo ~ 5%	0									1457												.07		.063			
						Major shear: Intense AH'n	95	95	Mo Mo Mo cal			chl. ch. ser. v.lets; dissem. Mo, 5% Mo. 5% pt 1% chl. ss + py. fill up to 80% cal; ser 2x2	0										1458																
						Intense AH'n in H int.	97	97	Mo Mo Mo cal			- core broken (bn) - molting - Ksp. enrichment	0				25	97					1458												.05		.036		
						Intense (Mod) Kaol. AH'n GM	100	100	Mo Mo Mo cal			- 2' shear; brn; dissem. py + Mo?	0										1459																
						Intense AH'n / oxidized int. mod. shear	107	107	Mo Mo Mo cal			prominent chl. fill frac. / bn. - intense oxidation - intense ath + brn. 2' W of H	0				57	107					1459													.055		.049	
						min-to-mod. shear br'n	117	117	Mo Mo Mo cal			ss - 2' width - cal. brn. + Mo.	0				75						1460													.075		.104	
						shear (fill) bounded by intense ath.	117	117	Mo Mo Mo cal			crack breccia	0										1461																
						Mod. Int. Kaol. AH'n. wk. Brecciation	127	127	Mo Mo Mo cal			minor shear	0										1461																
						a2 + Mo vein.	130	130	Mo Mo Mo cal			moderate shear	0				65						1461														.055		.064

SECTION 7500

ENDAKO MINES

HOLE No. 5657
SHEET No. 9 Of 8

ROCK TYPES & ALTERATION		GRAPHIC LOG	MINERALIZATION & STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS	
Core	Alteration		Mineralization / Faulting (type)	Structures	Fractures	Slitcobbles	R.O.D.	Footage Blocks	Specific Gravity	Core %	Sludge %	Core % MoS ₂	Sludge % MoS ₂
1-7	mod. to int. Keat. Alt'n	Footage 206	200	2.5"	ch. sericite / clay; sericite ch. rty. flag.	0 to 10							
	mod. to intense fit. br'n.	Footage 207	210	15"	fit. qtz: cly, Keat, cal. sericite? fit. qtz: ch. rty., cal.	10 to 20							
	intense sericitization - 217	Footage 217	230	1/2"	Keat. Keat. ser. cal. ser. Keat. ch. rty. / ser. Keat. ser. Keat.	20 to 30							
	Mod. Keat. Alt'n GM	Footage 227	230	1/2"	cal. sericite / ser. Keat. ser. Keat. ch. rty. / ser. Keat. ser. Keat.	30 to 40							
	minor shear / int. alt'n	Footage 237	240	1/2"	cal. sericite / ser. Keat. ser. Keat. ch. rty. / ser. Keat. ser. Keat.	40 to 50							
		Footage 247	250	1/2"	ser. Keat. ch. rty. / ser. Keat. ch. rty. / ser. Keat. ch. rty.	50 to 60							
		Footage 257	260	1/2"	ch. rty. / ser. Keat. ch. rty. / ser. Keat. ch. rty.	60 to 70							
		Footage 267	270	1/2"	ser. Keat. ch. rty. / ser. Keat. ch. rty. / ser. Keat. ch. rty.	70 to 80							

SECTION 7500

ENDAKO MINES

Core	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Flag	K-Spar.	Mefc.	Texture	Hardness			Rock Name/ Appearance	L To Core Axis		Width of Vein	Mineralization/ Fouling (Type)	Envelope (Type)	Remarks	L to core	Frequency	Stickable L To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																					Core	Sludge	Core	Sludge	Core	Sludge
						Mod. (Int.) Kaol. Alt'n QM mottled cov. - patchy intense Kaol. alt'n	A various	1/2 - 1/8 numerous	calcite clay gg		some of shear, soil ch/cly core, extremely broken and rubby - bit of dyke crackles breccia held by calcite veins dyke weakly porph.	0 10 20 30 40 50 60 70 80		rough fracture surfaces	12	277				1476						
						(Porph.) Basalt Dyke weakly porphyritic; por. carb.	A 30-40	1/2 x 1/4, 1/8	cal. cal.		1/2 bleached margin moderate shear marks. F of dyke	0 10 20 30 40 50 60 70 80		rough fracture surfaces	34	287				1477						
						moderate shear. intense Kaol. alt'n mod. br'n. intense Kaol. alt'n	A various	1/2 - 1/8 1/2 - 1/8 1/2 - 1/8	cal. sil/sher gg - ch, cly, kaol, cal cal. gesser (kaol) ser ser & kaol.			0 10 20 30 40 50 60 70 80		rough fracture surfaces	37	297				1478						
						(Wk) Mod. Kaol. Alt'n	S 0-10	1/8 1/8	barge gss mo? Kaol. cly, ser, sil, gg, kad. ser. sil, gg, cal. sil, gg, cal.			0 10 20 30 40 50 60 70 80		rough fracture surfaces	66	307				1479						
						intense Kaol. alt'n core mottled - mod. cal.	S 10-20	1/4	cal. cal. gss mag			0 10 20 30 40 50 60 70 80		rough fracture surfaces	66	307				1480						
						Med-Int. Kaol. Alt'n	S 10-20	1/4	barge ch, kaol calocal. numerous cal. veins bar gg		1/2 margin in th of seam is calcite.	0 10 20 30 40 50 60 70 80		rough fracture surfaces	57	317				1481						
						Wk. Kaol. Alt'n QM	S 30-40	1/2	cal; barge		mag. rock particles (frag?) displ. frag. texture: ag. 1-4"	0 10 20 30 40 50 60 70 80		rough fracture surfaces	45	327				1482						
						Wk. (Mod.) Kaol. Alt'n QM	S 30-40	1/2	cal; barge			0 10 20 30 40 50 60 70 80		rough fracture surfaces	45	327				1483						
						(Mod) Int. Kaol. Alt'n QM prominent shear, intense kaol.	S 30-40	1/2 - 1/8 numerous	cal; barge cal; kaol (ser) intense shear cly, gg, sil, ser, kaol. Kaol. conc.		1-2% disseminated	0 10 20 30 40 50 60 70 80		rough fracture surfaces	29	337				1484						

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ENDAKO MINES

HOLE No. S657
SHEET No. 6 Of 8

Core	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Flags	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance		L To Core Axis	Width of Vein	Mineralization / Faulting (type)	Envelope (type)	Remarks	Fractures	Slickenside L To Core Axis	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																		Core	Sludge	Estimated	Grode	Core	Sludge	Core
						Wk (Mod) Kaol. Alt'n QM NB. intervals of intense Kaol. alt'n are restricted to fit/shar gy intervals through this prim. interval.	5 30 35-40	1/2 1/2	bar g ₂ calc kaol ser; kaol; fit; g ₂ cly		minor shear	0 10 20 30 40 50 60 70 80 90		15						1483				
						moderate shear	5 40 50 60 70 80	1/2 1/2	mod. shear. ser; kaol.			0 10 20 30 40 50 60 70 80 90		36						1484			.004	
						lost core	5 50 75				- interval lost in fit gy zone fit gy remains	0 10 20 30 40 50 60 70 80 90		37						1485			.015?	.003
						fit gy: .5' intense br'n	5 50 75	1/2 1/2	fit gy; cly, cal, chl t mod? fit gy; cly, kaol.			0 10 20 30 40 50 60 70 80 90		37						1485			.015?	.003
						moderate shear; mod. to intense alt'n Mod. Kaol. Alt'n QM (WK)	5 50 75	1/2 1/2	cal fit/shar; cly, kaol, ser sch ser; chl		mod. to intense br'n - core intact though	0 10 20 30 40 50 60 70 80 90		37						1485			.015?	.003
							5 35 40 45 50 60 70 80 90	1/2 1/2	kaol. minor shear; kaol, ser, chl, cly ser; chl; cly			0 10 20 30 40 50 60 70 80 90		32						1486			.01	.002
						apite dyke minor shear	5 35 40 45 50 60 70 80 90	1/2 1/2	cal ser; chl			0 10 20 30 40 50 60 70 80 90		37						1487			.01	.002
						moderate shear intense Kaol. alt'n.	5 25 50 60 70 80 90	1/2 1/2	chl; ser kaol; ser cal cal.		shear int. intense br'n	0 10 20 30 40 50 60 70 80 90		37						1487			.01	.002
						Wk (Mod) Kaol. Alt'n QM	5 35 40 45 50 60 70 80 90	1/2 1/2	cal - chl? bar g ₂ ser; kaol. cal kaol; ser kaol; ser fit/shar (apite dyke??) cal t chl ser; chl ser; chl		pre-m int course bleed calite with open space filling NB. sharp oriented fracture fillings (ie. Kaol, ser) are later than shallow g ₂ (fit)?	0 10 20 30 40 50 60 70 80 90		65						1488			.01	.003
						v. minor shear	5 35 40 45 50 60 70 80 90	1/2 1/2	cal. cal; kaol. cal; chl.		core broken N of shear shear; fit gy core br N of shear	0 10 20 30 40 50 60 70 80 90		54						1489			.015	.003
						Mod (wk) Kaol. Alt'n QM moderate shear; intense br'n apite dyke .4' Mod (Int) Kaol. Alt'n intense Kaol. alt'n	5 35 40 45 50 60 70 80 90	1/2 1/2	shear; kaol; ser; chl; 1% chl. cal.		intense br'n E of dyke	0 10 20 30 40 50 60 70 80 90		407						1490			.015	.003

SECTION 7900

ENDAKO MINES

Dtz	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION			STRUCTURES	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Plg	K-Spar.	Mafic.	Texture	Hardness			Rock Name/ Appearance	L To Core Axis	Width of Vein			Mineralization/ Faulting Type	Envelope (Type)	Frequency	Slickenside L To Core Axis	R Q D	Porosity Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																				Core	Mudg	Core	Sludge	Core	Sludge
467	434	495	434	H3	44.5	Intense Kar. Alt. in core of basalt dyke (Mod.) very intense brn encorp ss + dyke minerals - local mod. alt. restricted to old GM rock fragments.	30-40	1/2	intense sericitization, kaol, chlorite; clay ss @ both dyke margins con. conc. in central part relatively			aggressive carbonation of dyke rock - intense shear - abundant brucite mineral clay ss or clay comp. locally intense approach 70-90%	51	67			1504					.089			
						Intense - Mod Kar. Alt. intervals of less intense alt. - 1-5"	80	1"	numerous km. chl, 2 kaol. cp.			some mod. irregular fracture surfaces display smooth shaly bedding	60	77			1505					.007			
						mod. brecciation toward - intervals of intense brn encorp. ss.	85.3	2"	fine ss, clay, rock frags.			shear @ base of dyke - dyke still in place		87			1506					.005			
						basalt dyke - old chlorite, mod. porphyritic	87	2"	cal.			numerous calc. inlets @ FW										.005			
						basalt dyke alt. - chl, cal, mod. porphyritic	89	2"	minor shear; clay of minor shear; clay, kaol, cal.			1' intense shear FW of dyke - dissemination Moly calc.		97								.04	.037		
						GM strikingly mottled. oxidized Kspar? rather than Kspar enrichment.	101	1"	minor shear - sericit. kaol.														.04		
						wk alt. (sericitization?)	103.7	1"	calc. kaol 22 + Mo Clay, ss shear														.02		
						Basalt Dyke - v. weakly porphyritic	105.7	1"	cal. 22 cal. cal. cal. 22 cal.			Basalt Dyke - v. fine grained. weakly porphyritic.		107									.02	.013	
						fine grained.	114	1"	cal. 22 cal. cal. 22 cal.														.02		
						kaol. sericitization	118	1"	gizzard; ss + Mo??														.015	.004	
						Mod (wk) Kar. Alt.	120	1"	minor shear; clay, kaol.														.015	.004	
						wk to mod. brn	127	1"	shear chl. 2 Mo			wk to mod. brn defined by kaol + ser. filled irregular shear.											.02	.007	
						mod. brn intense Kspar. alt.	127	1"	ser. mod. shear chl. - kaol.			2.5' kaol. sericitization											.02	.007	

ROCK TYPES & ALTERATION		GRAPHIC LOG		MINERALIZATION & STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
Plg	Mc-Spac.	Mc-Gr.	Texture	Hardness	Rock Name / Appearance	Rock Type Alteration	Footage	L to Core Axis	Width of Vein	Mineralization / Fossil type	Envelope (type)	Remarks	Fractures	Slitability	R O D	Footage Blocks	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	
Core	Sludge	Estimated Grade		Core		Core		Sludge		% MoS ₂		Core		Sludge		Core		Sludge		Combed	
%	%	%	%	% MoS ₂	% MoS ₂	%	%	%	%	% MoS ₂	% MoS ₂	%	%	%	%	%	%	%	%	%	%
7	3	5-6	H3-4	H5-6	Med. (Wk) Kaol AH _n (cont.) QM minor shear 130.7 mod. to intense Kad alt. 152.5	77 137	1511 <.01		.006												
					Breccia QFP dykes QM Wk. to (Mod) Kaol AH _n	65 147	1512 <.01		.004												
					minorshear 162.5	78 147	1514 <.01		.005												
					Med. Int Kaol AH _n	63 177	1515 .01		.001												
					Int. (Mod) Kaol AH _n QM - core bleached buff brown grey - w/lt. brown - red Ksp. - intense sericitization Kaolization 186.9 Wk. Kaol. AH _n QM	34 187	1516 .015		.003												
						33 197	1517 .01		.001												

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ENDAKO MINES

HOLE No. 5658
SHEET No. 4 Of 8

Qtz	Flog	K-Spar	Mafic	Texture	Hardness	Rock Name/ Appearance	GRAPHIC LOG Rock ID Alteration	Footage SERIALS	L To Core Ails Z.00	Width of Vein	MINERALIZATION Footing/Type	STRUCTURES Envelope (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
														Fractures		Slackness L To Core Ails	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
														Fracture Frequency	to Core L					Core	Sludge	Estimated Grade	Core	Sludge	Core	Sludge	
													%	%	% MoS ₂		Combed										
						Wk. Kaol. Altn. QM coal					zschl cxl#3			0 10 20 30 40 50 60 70 80 90							1518						
						aplite dyke 208.5		30 35 50	210	3'	chl. filled fractures					66		207				.01		.004			
						"veinlets" of partially-resorbed magnetite-rich baryte. Smagntk - char. Altn of ilmenite to stau. minor shear 215		10 5 35	220	2'	chl; Kautzer Kad, chl coal inlets PT		bleached (Kautzerization) 2" of inner HW - disson. py (along fracture) three short int. (2.4") = 1%					62		217			1519		.01	.003	
								45		1/2	ex. shear; Kad. & cal.		core v. broken + rubble mod. to intense Kad. along fractures										1520				
								30/2 20-30x3 75	230	1/2 1/4	z gz + mag gz mag / cal.						49		227			.01		.006			
								80 to 54		1/2 x 1/4	bar gz											1521					
grey mond.	white buff Hgr	orange brown pink H6	blk dk. gr H4	coarse matted H5		gradational Wk. (mod.) Kad. Altn QM		35 10	240	3/2	Kad, chl chl		Altn - control on shear or 240' - weak (mod.) Kad. core broken v. rubble										237		.01	.003	
	H3-H4	H6						5 10 15 (0-95) 70 u/c 70-100 8+30	245 245 250	1/2 2' 1/2 x 1/5 1/2 x 1/4	chl filled fractures cal. z z + mag cal; Kad / 2er		Wk. Brn - calc silicates defn br'n.										12				
-7	H3-H4	H6				aplite dyke Ksp. - Pyrite zone?		245 245 70-100 8+30	245 245 250	1/2 2' 1/2 x 1/5 1/2 x 1/4	chl filled fractures cal. z z + mag cal; Kad / 2er		Wk. Brn - calc silicates defn br'n.										247		.01	.005	
						Fresh (Wk. Kaol. Altn) QM		230 230 230 230 60-70 30-40 60-10	260	1/2 1/4 1/2 1/4 1/2 x 3/8 1/4 x 1/4 1/4	minor shear; Kad / 2er. minor shear - kad minor shear barz & mag all of Kad Kad, bar.		1/2 Ksp.										42				
								65 10-30x5 30-40x3 10-10x2	270	1/2 1/4 x 1/5 1/4 x 1/3 1/2	bar gz gz mag v 5 cal 3 cal 2		1/2 - 1/4 Ksp.										60				
								10-10x2	270	1/2	cal 2		-Wk. Brn. H4 of - minor shear										267		.01	.002	

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ENDAKO MINES

HOLE No. 5658
SHEET No. 5 Of 8

ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
Q1	P1g	K-Spar.	Mefk.	Texture	Hardness		Rock Name/ Appearance	Mineralization/ Faulting (Type)	Envelope (Type)	Remarks	Fractures	Slip-sense	R.O.D.	Porosity	Specific Gravity	Core	Sludge	Core	Sludge	% MoS ₂		
										Frequency	4 To Core Axis				%	%	Estimated	Grade	Core	Sludge	Combined	
	H-7	H-6	H-6	H-6	H-6	Wk. Kad. Alt'n. QM cont. (Fresh)	bar quartz, cly, Kad, cal, rem, Ksp, cal, bar quartz + mag		minor shear.	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces	66					1525				.004	
						2' @ mouth, in gr mag. rich, partially resorbed boundaries				280								.01				
						285 Mod. Int. Kad. Alt'n. QM	Kad, ser, chl, cal, us, ser, kad, ser, cal.		shear UC marked by fit clyg mod. to intense beam	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces	44						1526				
						288 (Wk.) Kad. Alt'n. QM Fresh (Wk.) QM.	Kad, ser, chl, cal, us, ser, kad, ser, cal.		shear UC marked by fit clyg mod. to intense beam } rare v. broken & rubbly	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces							.01			.003	
						(Py + Kspar zone?) cont. #4 mod. to intense alt'n	Kad, ser, chl, cal, us, ser, kad, ser, cal.		probably Py-Kspar zone, however Kspar envelopes rare	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces	29						1527				
						300	Kad, ser, chl, cal, us, ser, kad, ser, cal.			300								.01			.001	
						307 gradational major shear - sericitic Kadalt'n front.	Kad, ser, chl, cal, us, ser, kad, ser, cal.		2' bleached margin of minor shear	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces	31						1528				
						310 Mod. (Int.) Kad. Alt'n wk to mod. dr'n throat int. sharp alt'n front	chl, ser, dolomite		middle of shear, 2' than on bed.	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces							.01				.001
						315.6 Fresh (Wk.) Alt'n QM	chl, ser, dolomite		prominent shear zone	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces	48						1529				
						320 Fresh (Wk.) Alt'n QM	chl, ser, dolomite		7' of Fw intensely bed.	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces							.01				.002
						324.5 last core .5'	chl, ser, dolomite			0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces	52						1530				
						330	chl, ser, dolomite		minor shear	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces							.01				.002
						335	chl, ser, dolomite			0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces											
						340	chl, ser, dolomite			0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces	58						1531				
						345	chl, ser, dolomite			0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90	rough fracture surfaces							.01				.002

HOLE No. S659
SHEET No. 1 of 12

SECTION 10300

ENDAKO MINES

LOCATION Endako Southwall BEARING _____ LATITUDE 29404.85 CORE SIZE NA LOGGED BY Mark Smith
DATE COLLARED Oct 16/89 LENGTH 797' DEPARTURE 27430.14 SCALE OF LOG 1" = 10ft DATE October 17, 1989
DATE COMPLETED Oct 19/89 DIP -90 ELEVATION 3399.09 REMARKS _____

Dip	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY		RESULTS					
	Plex	K-Spec	Mefc.	Texture	Hardness		Rock Name/ Appearance	Mineralization	Faulting (type)	Envelope (type)	Remarks	Fractures		Siliceneble	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
												L to Core	Frequency					Core	Sludge	Estimated Grade	Core		Sludge	
icy 3-5	Cream + Hgn (5-6)	Pink Salmon	Bio (Ox)	Course	5-6	Wk-Med Alth. QM																		
icy 3-5	Cream + Hgn (5-6)	Pink Salmon	Bio (Ox)	Course	5	Med Alth. QM																		

Paul Buckley, P. Eng.

HOLE No. S659
SHEET No. 2 of 12

SECTION _____ ENDAKO MINES

QTY	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Plug	K-Spar.	Matrix	Texture	Hardness	Rock Name/ Appearance		Footage L To Core Axis	Width of Vein	Mineralization/ Fossiliferous (Type)	Envelope (Type)	Remarks	Frequency	Silicified L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																		Core	Sludge	Core	Sludge	Core	Sludge	
																								%
						Mod Int Alt. QM cont'd	50x2 70x2 100x2 100x3 100x4	1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 3 1/2 x 2	Qtz py x 2 Qtz py Qtz (hem) Qtz (hem) Qtz Qtz py (mo) sericite Qtz (mo) x 3 Qtz py (mo) sericite Qtz D	APS x 1 APS x 1 APS x 1			68	77				9406				.040		
101	cream grey	salmon pink + orange	black + grey	coarse	5	Mod Alt. QM	101 102 103 104 105 106 107 108 109 110	1/4 x 2 1/4 x 2 1/4 x 4 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2	Minor fault gg clay + chl Qtz (mo) x 2 Qtz (mo) x 4 Qtz + py (mo) x 2 Qtz py (mo) + ser Qtz py x 2 Qtz Qtz (py) mag(?) (mo) x 2	APS x 1 APS x 2	dism't py in the 22m grey color } pervasive KF	101 106	75	107					9407				.02	.052
	cream grey	salmon pink	black + grey	coarse	5-6	Wk-Mod Alt. QM	110 111 112 113 114 115 116 117 118 119 120	1/2 x 2 1/2 x 2 1/4 x 2 1/4 x 2 1/4 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2	Qtz (py) mag(?) (mo) x 2 Qtz (py) hem x 2 Qtz mo Minor fault, gg + clay + chl Qtz (mo) mag(?) (py) sericite Minor fault gg clay + chl Qtz Qtz (py) x 2 Qtz (py) (hem) x 5 Qtz (py) x 2 Qtz py (mo) sericite Qtz py sericite	APS x 5 APS x 1 APS x 1			69	117					9408				.01	.026
						3' Wk Alt. QM	120 121 122 123 124 125 126 127 128 129 130	1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2	Qtz mag x 2 Qtz (py) sericite Qtz (py) sericite x 2 hem Minor fault, clay + chl gg Milk Qtz (mo) Qtz Qtz (mo) (py)	APS x 1 APS x 2	3' fresh QM, coarse grained } last 2' v. blocky	126 128	30	127					9409				.015	.011
	grey	light green	black + green	coarse + mottled	5	Mod Alt. QM	130 131 132 133 134 135 136 137 138 139 140	1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2	Qtz py (mo) Qtz py + pervasive KF envelope Minor fault clay + talc gg Qtz py (ser) Qtz py (hem) sericite Qtz (mo) x Qtz py ser x 2 Qtz py ser Massive Qtz (py) (mo) vein Qtz (py) x 4 Qtz py sericite x 3 Qtz (mo) Qtz py sericite x 2 Qtz	APS x 2 APS x 1 APS x 2 APS x 1 APS x 1 APS x 4 APS x 3 APS x 2			55	137					9410				.01	.023
							140 141 142 143 144 145 146 147 148 149 150	1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2	Qtz py ser Massive Qtz (py) (mo) vein Qtz (py) x 4 Qtz py sericite x 3 Qtz (mo) Qtz py sericite x 2 Qtz	APS x 1 APS x 1 APS x 4 APS x 3 APS x 2	3 1/2 ft mottled & bleached Qtz			70	147				9411				.06	.031
						2" Aplite Dyke	150 151 152 153 154 155 156 157 158 159 160	1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2 1/2 x 2	Qtz Qtz py x 2 Qtz py mag (mo) Qtz mag Qtz (py) x 2 Qtz (mo) (py) x 3 Qtz (mo) + Qtz (mo) Qtz (mo) Qtz py pervasive KF alt. of rock		Wk sh 2" Int Alt. QM			60	157				9412				.025	.022

HOLE No. 5659
 SHEET No. 3 of 12

ENDAKO MINES

SECTION _____

Form 4

ROCK TYPES							ALTERATION			GRAPHIC LOG	MINERALIZATION		STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
Qtz.	Flsp.	K-Spar.	Mafic.	Texture	Hardness	Rock Name / Appearance	Footage	Width of Vein	Mineralization / Filling (Type)		Envelopes (Type)	Remarks	Fractures Frequency	Slitkicks	L. To Core Axis	R.O.	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
Core		Sludge		Estimated	Grade	Core													Sludge	Combined					
%	%	% MoS ₂	% MoS ₂																						
5	cream to grey	pink salmon	black (gyn)	coarse	5-6	Mod. Alt. QM cont'd Wk. Mod. Alt. QM	172	1/16	Qtz (Qms) Qtz (Py) Qtz (hem) Qtz (P) Qtz (mag) (Qms) x 2 mag Qtz (Qms)	SPS x 1 SPS x 4	3" ground core	10 20 30 40 50 60 70 80 90			70	167				9413		.01	.010		
5	cream to grey	pink to orange	gyn (black)	coarse to mottled	0-5	Mod. Int. Alt. QM 2' Int. Alt. QM	173	1/8	Qtz (mag) (Qms) x 2 Qtz (P) x 2 Qtz (Py) chl Cal Qtz (Py) sericite x 2 Qtz (mag) (Qms) x 2 Cal Mod. fault + sh zone	SPS x 2	1 1/2" Int. Alt. QM, bleached + mottled texture + fault ss 1 1/2" dgs. alt. + sh.	10 20 30 40 50 60 70 80 90	40°		55	177				9414		.015	.018		
5	cream to grey	pink salmon	black (gyn)	coarse	5	Wk. Mod. Alt. QM	176	1/8	Qtz (mag) Qtz (ms) Py Cal Qtz (Py) (hem) + Qtz (ms) (Py) Qtz (P) Qtz x 2 Cal Qtz (mag) (Py) x 2 Qtz	RF		10 20 30 40 50 60 70 80 90			75	187			9415		.01	.019			
							180	1/16	Qtz (ms) (Qms) x 4 Qtz (ms) Cal Qtz (mag) Py sericite sericite Mod. fault mag Py con- to shale mo mag Py con			10 20 30 40 50 60 70 80 90			70	197			9416		.025	.036			
							190	1/8	Qtz (ms) (Qms) x 2 Qtz (ms) Cal Qtz (mag) sericite Qtz (mag) sericite Qtz Qtz (Py) (Qms)	SPS x 1		10 20 30 40 50 60 70 80 90			60	207			9417		.01	.010			
							200	1/8	Qtz (ms) (Qms) x 4 Qtz (ms) Qtz (ms) chl (mag) sericite Qtz (ms) + Qtz (Py) sericite Qtz (ms) sericite Qtz			10 20 30 40 50 60 70 80 90			45	217			9418		.01	.013			
							210	1/16	Qtz (Py) (Qms) Qtz (hem) sericite			10 20 30 40 50 60 70 80 90				227			9419		.01	.030			
							212	1/8	Qtz (ms) Minor fault dgs. chl ss Fault width & orientation? Qtz (P) (mag) Qtz (Py) (mag) chl Qtz Qtz (mag) Py + Qtz mag	SPS x 1 SPS x 2	2 1/2" } 2" ground & lost core 2 1/4" }	10 20 30 40 50 60 70 80 90			45	227			9418		.01	.013			
5	cream to grey	pink to orange	black (gyn)	coarse	5-6	Wk. Alt. QM	218	1/8	Qtz (ms) Qtz (ms) Qtz (Py) Minor fault chl ss (alt. ss) Qtz (Py) (mag) Qtz (ms) Qtz (Py) hem Qtz (ms) Qtz (Py) mag	SPS x 1		10 20 30 40 50 60 70 80 90			75	227			9419		.01	.030			
							230	1/8	Qtz (ms) Qtz (ms) Qtz (Py) Minor fault chl ss (alt. ss) Qtz (Py) (mag) Qtz (ms) Qtz (Py) hem Qtz (ms) Qtz (Py) mag	SPS x 2		10 20 30 40 50 60 70 80 90							9419		.01	.030			

SECTION _____ ENDAKO MINES

OIL	ROCK TYPES			ALTERATION			GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS						
	Flag	K-Spec.	Matrix	Texture	Hardness	Rock Name/Appearance					L To Core Axis	Width of Vein	Mineralization/Faulting Type	Envelope (type)	Remarks	Weight in Grams		Sample Number	
																Core %	Sludge %	Core	Sludge
						WR AH ₂ OH cont'd		Qtz (py) sericite Qtz (py) mo	GPS x 1					9420					
						1/2' Mod AH ₂ OH } 236 237		Qtz py cal sericite Minor fault clay chl Minor fault clay chl	GPS x 1		65	237		.01	.003				
85	cyan H gn	pink orange	black gn	coarse mottled	4-5	WR Mod AH ₂ OH		Qtz (py) chl Qtz (KF) mo				60	247		.015	.023			
85	cyan H gn	orange salmon	green gn	blended mottled	4-5	Mod Int AH ₂ OH		Cal chl Minor fault clay chl gauge		252 } 2' Blended Int AH ₂ OH 254 } Recessive KF AH ₂ 25A } Orange/Salmon blended zone		65	257		9422				
85	cyan H gn	salmon	black gn	coarse mottled	4-5	Mod AH ₂ OH		Qtz cal clay chl (py) Qtz hem sericite Qtz (mo) cal x 6	SEC x 1	25B } 1' AH ₂ OH black/chl 260 } fine streakwork of Qtz/mo				.045	.030				
85	cyan H gn	fresh salmon	green (black)	coarse mottled	4-5	Mod Int AH ₂ OH		Qtz (mo) (py) Qtz mo WR Mod shear Qtz mo (py) chl/cal Qtz (mo) x 3 py chl Qtz cal py Qtz hem mag sericite	sec x 1			50	267		9423				
85	H gn	salmon orange	H gn black	coarse mottled	5	Mod AH ₂ OH		Qtz mo x 2 Mod fault clay chl Qtz (mo) x 2 Qtz py sec Qtz mo x 2 Qtz (mo) mag chl sec Qtz (py) mo Qtz (py)	GPS x 1 SEC x 1	3 x 1/2' Int AH ₂ OH in fault Interval has patchy KF		75	277		.05	.036			
								Qtz mo Qtz mo Qtz mo Qtz mo (py) Qtz mo Qtz mo (py) x 4 Qtz mo x 3 Qtz mo x 2 Qtz mo x 2 Qtz mo x 2	KF KF	Mod Qtz-mo streakwork in a Mod AH ₂ OH		80	287		9425				
						1' Apple dye		Qtz (mo) chl cal sericite x 2 Qtz (py) sec Qtz (py) sec Qtz (py) mag Qtz (py) mag Qtz (py) (mo) (mag) x 2 Qtz mo x 2	sec x 2	287 } 6" ductile Qtz/mo vein 285 } dissolved chl stringers		75	297		9426				
85	H gn	salmon	H gn (black)	coarse mottled	4-5	Mod Int AH ₂ OH		Qtz Qtz (py) x 2 Qtz (py) x 2 Qtz (py) x 2 Qtz (py) x 2 Qtz (py) x 2						.065	.042				

SECTION _____ ENDAKO MINES

Qtz.	ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Flint	W-Spec.	Mark.	Texture	Hardness	Rock Name/Appearance		Mineralization/Faulting (type)	Envelopes (type)	Remarks	Fractures	Slickenside	R O D	Feoage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
	Core	Sludge	Estimated Grade	Core	Sludge	Core		Sludge	Combined													
5	cream (cyan)	light pink	black (cyan)	coarse	5-6	Wk Alth QM cont'd	55-2 60 65 70 75 80 85 90 95 100	1/2 1/4 1/8 1/16 1/32 1/64 1/128 1/256 1/512 1/1024	Qtz (m) Qtz (m) Qtz (m) Qtz (m) (py) (hem) Qtz (m) x 5 Qtz (m) x 2 Qtz (m) x 2 Qtz (m) x 2 Qtz (m) x 2 Qtz (py) (hem)			65	447					9441				
						1' Wk Alth QM E	100 105 110 115 120 125 130 135 140 145 150	1/2 1/4 1/8 1/16 1/32 1/64 1/128 1/256 1/512 1/1024	Qtz (m) (mag) (py) Qtz (m) Qtz (m) (py) Qtz (m) x 2 Qtz (m) Mag Qtz (m) (mag)			60	451					9442			.079	
						2' Wk Alth QM	150 155 160 165 170 175 180 185 190 195 200	1/2 1/4 1/8 1/16 1/32 1/64 1/128 1/256 1/512 1/1024	Qtz (m) Qtz (m) Qtz (m) Qtz (m) (mag) x 2 Qtz (py) Qtz (py) Qtz (m) (mag) x 2 Qtz (m) x 2			65	467					9443			.024	
5	Wk	pink mag	gn	med	5-6	Wk-Med Alth QM	200 205 210 215 220 225 230 235 240 245 250	1/2 1/4 1/8 1/16 1/32 1/64 1/128 1/256 1/512 1/1024	Qtz Calc chl m-m green Zn-C Qtz (py) (mag) (m) Qtz (m) x 2 Chl (chl) Qtz (py) Qtz (m) Qtz (m)			80	477					9444			.024	
							250 255 260 265 270 275 280 285 290 295 300	1/4 x 1/8 1/4 1/2 1/8 1/4 1/8 1/4 1/8	Wk shor chrysolite + Qtz (m) (mag) veinlet Qtz m x 2 Wk-Med shor chrysolite Qtz mag (m) Chl Wk shor + chl infilling Qtz chl (m)			60	487					9445			.018	
							300 305 310 315 320 325 330 335 340 345 350	1/2 1/4 1/8 1/16 1/32 1/64 1/128 1/256 1/512 1/1024	Qtz (m) (py) Qtz (m) x 3 Qtz (m) (blake) mag x 2 Qtz (m) x 2 Qtz (m) Qtz (m) (mag) (m) Qtz (m) (hem) (py) (mag)			80	497					9446			.035	.050
						2' Med Shor - Int Alth QM	350 355 360 365 370 375 380 385 390 395 400	1/2 1/4 1/8 1/16 1/32 1/64 1/128 1/256 1/512 1/1024	Calc chl Qtz (mag) (py) Qtz (m) (py) Minor fault chylite gouge Qtz (m) (py) Wk fault chrysolite gouge Qtz (m) (mag) x 2			75	507					9447			.02	.019

SECTION _____

ENDAKO MINES

HOLE No. 5653
SHEET No. 9 of 12

DIT.	ROCK TYPES		ALTERATION			GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Flag	K-Spec.	Mefc.	Texture	Hardness		Rock Name/ Appearance	Mineralization/ Faulting (type)	Envelopes (type)	Remarks	Fractures Frequency	Slickenside L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% Me ₂ S			
																Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge
12			black	coarse	5-6	Wk Al ₂ O ₃ OM cont'd 1/4" Aplite Dyke zone												9455					
						1" Aplite Dyke with 55% Al ₂ O ₃ 57% SiO ₂													9456				
						1/8" Aplite Dyke													9457				
																			9458				
																			9459				
																			9460				
																			9461				
																			9462				
																			9463				
																			9464				
																			9465				

HOLE No. 5659
SHEET No. 11 Of 12

SECTION _____ ENDAKO MINES

Q11	ROCK TYPES						ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS			
	Plug	K-Spar.	Marf.	Texture	Hardness	Rock Name/Appearance						Weight in Grams		Sample Number		% MoS ₂	
												Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂														
2.5	gray	fresh pink	black	coarse	5-6	WRALL-OM contd	60x2 60x2 7x15 60x2 60x2 70x2	h1 h1 h1 h1 h1 h1	Py Qtz (mag) x 2 Qtz (mag) (mag) Qtz py (hem) x 2 Qtz (py) (hem) x 2 hem Qtz mo Qtz (mag) + Qtz py-cp	1/8 ser 1/8 ser x 2	Ref	70	727	9469	.01	.019	
							20 60 7 50x70 70x2	h1 h1 h1 h1 h1	Qtz mag Qtz Qtz (mag) (mag) Qtz (mag) x 2 Qtz (mag) x 2		Ref	95	737	9470	.02	.033	
						1 1/2 WRALL-OM	30 20 60 45x2 60x2	h1 h1 h1 h1 h1	hem Qtz (mag) Hem Fract/ser zone @ 2' Qtz Qtz (mag) Qtz (mag) ser	see chrysolite zone ch1 permissive @ HW. 1/8 XF 1/8 XF	Ref	80	747	9471	.025	.046	
							60x2 60x2 60x2 60x2 60x2	h1 h1 h1 h1 h1	Qtz (mag) x 2 Qtz mo veinlet Qtz (mag) ser. Qtz mo (py) veinlet Qtz py + Qtz mo Qtz (mag) Qtz (mag) x 2	1 1/2 asp 1/8 XF	Ref	90	757	9472	.055	.108	
							70 60 60 60 60 60	h1 h1 h1 h1 h1 h1	Qtz (mag) Qtz (mag) Qtz-Ho vein ribbed mag/m. by white tgs Qtz Qtz (mag) (mag) Qtz (py)	py ser selvages/trace discont. by	Ref	90	767	9473	.07	.079	
							60 60 60 60 60	h1 h1 h1 h1 h1	Qtz (mag) Qtz (mag) Qtz (mag) Qtz (mag) Qtz (mag)	ribbed mag, trace py	Ref	97	777	9474	.085	.030	
							60 60 60 60 60	h1 h1 h1 h1 h1	Qtz (mag) Qtz (mag) Qtz (mag) Qtz (mag) Qtz (mag) Qtz (mag) (py) Qtz (mag) (py)		Ref	97	787	9475	.03	.042	

SECTION 10000

ENDAKO MINES

HOLE No. 5660

SHEET No. 1 of 11

LOCATION ENDAKO SOUTH WALL

BEARING Collar = 007° Bottom = 015°

LATITUDE 29690.93

CORE SIZE NQ

LOGGED BY PIERRE MAHEUX

DATE COLLARED Oct 19/89

LENGTH 728'

DEPARTURE 27156.72

SCALE OF LOG 1" = 10'

DATE Nov. 17 → Nov. 27, 1989

DATE COMPLETED Oct 22/89

DIP Collar 50° Bottom 50°

ELEVATION 3403.475

REMARKS

Q1.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS																				
	Pile	K-Spec.	Matk.	Texture	Hardness		Rock Name/ Appearance	Alteration Footage	Structures	L to Core Axis	Width of Vain	Mineralization/ Fouling (type)	Envelope (type)	Remarks	Footage L to core	Frequency	Slit/size L to Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% Moist													
																					Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge										
													0-40' NO CORE RECOVERED. CASING																									
						40-92' CORE LOST																																
	mod grey fractal H 7	buff lt gr. to mod gr H 3-4	mod brown mod gr H 4-6	dk gr mod gr (Cher.) H 3-4	coarse mottled H 4-6	Mod.-Int. Kaol. Alt'n QM	50-70(2) 60(2) 70(2) 80(2)		50	1/16 1/8 1/4 1/2	22-17 22-18 22-19 22-20 22-21 22-22 22-23 22-24 22-25 22-26 22-27 22-28 22-29 22-30 22-31 22-32 22-33 22-34 22-35 22-36 22-37 22-38 22-39 22-40 22-41 22-42 22-43 22-44 22-45 22-46 22-47 22-48 22-49 22-50 22-51 22-52 22-53 22-54 22-55 22-56 22-57 22-58 22-59 22-60 22-61 22-62 22-63 22-64 22-65 22-66 22-67 22-68 22-69 22-70 22-71 22-72 22-73 22-74 22-75 22-76 22-77 22-78 22-79 22-80 22-81 22-82 22-83 22-84 22-85 22-86 22-87 22-88 22-89 22-90 22-91 22-92 22-93 22-94 22-95 22-96 22-97 22-98 22-99 22-100																											
						60-65' CORE LOST																																
						Int. Kaol. Alt'n QM																																
	H 4 (buff) to green	buff orange (red)	dk gr. green H 3	coarse mottled patchy	H 3-4	major shear intense br'n intense kaol. alt'n	735 737 745		80	1/2 3/4 1 1 1/2 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100																												
						79-85' CORE LOST																																

Paul Decker P. Eng

SECTION _____

ENDAKO MINES

HOLE No. 5660
SHEET No. 2 Of 11

Dtz	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Pies	K-Sper.	Metc.	Texture	Hardness	Rock Name/ Appearance		L To Core Axis	Width of Vein	Mineralization/ Fauling (Type)	Envelope (Type)	Remarks	L to core	Frequency	Slicability L To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																			Core	Sludge	Core	Sludge	Core	Sludge	Combined
%	%	% MoS ₂	% MoS ₂																						
						92.5' - 97' CORE LOST					prominent shear ?	0		rough fracture surfaces	7*					1626					
gray	green to rust orange (pink)	dk-gr (H4-6)	Coarse (medium)		Mod. Kaul. Al ³⁺ GM		100					10		rough fracture surfaces	7*					1627				.023	
H7	H3-4	H4-6	H3-4		H5-6	106' - 107' CORE LOST						20		rough fracture surfaces	7*					1628				.035	
												30		rough fracture surfaces	7*					1629				.052	
												40		rough fracture surfaces	7*					1630				.025	
												50		rough fracture surfaces	7*					1631				.042	
												60		rough fracture surfaces	7*					1632				.025	
												70		rough fracture surfaces	7*					1633				.036	
												80		rough fracture surfaces	7*					1634				.013	
												90		rough fracture surfaces	7*					1635				.013	
												100		rough fracture surfaces	7*					1636				.01	
												110		rough fracture surfaces	7*					1637				.01	
												120		rough fracture surfaces	7*					1638				.01	
												130		rough fracture surfaces	7*					1639				.01	
												140		rough fracture surfaces	7*					1640				.01	
												150		rough fracture surfaces	7*					1641				.01	
												160		rough fracture surfaces	7*					1642				.01	
												170		rough fracture surfaces	7*					1643				.01	
												180		rough fracture surfaces	7*					1644				.01	
												190		rough fracture surfaces	7*					1645				.01	
												200		rough fracture surfaces	7*					1646				.01	
												210		rough fracture surfaces	7*					1647				.01	
												220		rough fracture surfaces	7*					1648				.01	
												230		rough fracture surfaces	7*					1649				.01	
												240		rough fracture surfaces	7*					1650				.01	
												250		rough fracture surfaces	7*					1651				.01	
												260		rough fracture surfaces	7*					1652				.01	
												270		rough fracture surfaces	7*					1653				.01	
												280		rough fracture surfaces	7*					1654				.01	
												290		rough fracture surfaces	7*					1655				.01	
												300		rough fracture surfaces	7*					1656				.01	

HOLE No. S660
SHEET No. 3 Of 11

SECTION _____ ENDAKO MINES

Dtz	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS			
	Plg	K-Spar.	Mefc.	Texture	Hardness						Rock Name / Appearance	Weight in Grams		Sample	Number	
											Core	Sludge	Core	Sludge	% MoS ₂	
											%	%	Estimated	Grade	Combined	
						minor shear 160.5 WK. (Fresh) ANX OM cut	5 10 20 30 40 50 60-65(+) 70-75(-)	160 11(2) 11-20 12-20 13-20 14-20 15-20 16-20 17-20 18-20 19-20 20-20	g2+hem 2d(alt) Kspw, ser, talc, Kaut. cal cal(py) cal(S) cal(S)	Kspw 1/6				1633		
					moderate shear 172.5	5 10 15 20 25 30 35 40 45 50 55 60 65 70-75(+)	170 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	g2+hem 2d(alt) Kspw, ser, talc, Kaut. cal cal(py) cal(S) cal(S)	1/2 Ser (talc) Kspw 1/6 ser 1/6				1634			
						130	11(2) 11-20 12-20 13-20 14-20 15-20 16-20 17-20 18-20 19-20 20-20 21-20 22-20 23-20 24-20 25-20 26-20 27-20 28-20 29-20 30-20 31-20 32-20 33-20 34-20 35-20 36-20 37-20 38-20 39-20 40-20 41-20 42-20 43-20 44-20 45-20 46-20 47-20 48-20 49-20 50-20 51-20 52-20 53-20 54-20 55-20 56-20 57-20 58-20 59-20 60-20 61-20 62-20 63-20 64-20 65-20 66-20 67-20 68-20 69-20 70-20 71-20 72-20 73-20 74-20 75-20 76-20 77-20 78-20 79-20 80-20 81-20 82-20 83-20 84-20 85-20 86-20 87-20 88-20 89-20 90-20 91-20 92-20 93-20 94-20 95-20 96-20 97-20 98-20 99-20 100-20	carb g2+hem(py) Kspw, ser, talc, Kaut. cal cal(py) cal(S) cal(S)	1/2 Ser (talc) Kspw 1/6 ser 1/6				1635			
					minor shear 197	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	130 11(2) 11-20 12-20 13-20 14-20 15-20 16-20 17-20 18-20 19-20 20-20 21-20 22-20 23-20 24-20 25-20 26-20 27-20 28-20 29-20 30-20 31-20 32-20 33-20 34-20 35-20 36-20 37-20 38-20 39-20 40-20 41-20 42-20 43-20 44-20 45-20 46-20 47-20 48-20 49-20 50-20 51-20 52-20 53-20 54-20 55-20 56-20 57-20 58-20 59-20 60-20 61-20 62-20 63-20 64-20 65-20 66-20 67-20 68-20 69-20 70-20 71-20 72-20 73-20 74-20 75-20 76-20 77-20 78-20 79-20 80-20 81-20 82-20 83-20 84-20 85-20 86-20 87-20 88-20 89-20 90-20 91-20 92-20 93-20 94-20 95-20 96-20 97-20 98-20 99-20 100-20	g2+hem 2d(alt) Kspw, ser, talc, Kaut. cal cal(py) cal(S) cal(S)	g2 1/6 (1) ser 1/6 1/6				1636			
					int. of dr. sp. in, gr. mod. H. s. avg. 1.2 g2-py vining.	200.5 202.1	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	200 11 11(4) 11-20 12-20 13-20 14-20 15-20 16-20 17-20 18-20 19-20 20-20 21-20 22-20 23-20 24-20 25-20 26-20 27-20 28-20 29-20 30-20 31-20 32-20 33-20 34-20 35-20 36-20 37-20 38-20 39-20 40-20 41-20 42-20 43-20 44-20 45-20 46-20 47-20 48-20 49-20 50-20 51-20 52-20 53-20 54-20 55-20 56-20 57-20 58-20 59-20 60-20 61-20 62-20 63-20 64-20 65-20 66-20 67-20 68-20 69-20 70-20 71-20 72-20 73-20 74-20 75-20 76-20 77-20 78-20 79-20 80-20 81-20 82-20 83-20 84-20 85-20 86-20 87-20 88-20 89-20 90-20 91-20 92-20 93-20 94-20 95-20 96-20 97-20 98-20 99-20 100-20	g2+hem 2d(alt) Kspw, ser, talc, Kaut. cal cal(py) cal(S) cal(S)	g2 1/6 (1) ser 1/6 1/6				1637		
					WK. to mod. Kaut. all in	209.5 200 210.7	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	200 11 11(4) 11-20 12-20 13-20 14-20 15-20 16-20 17-20 18-20 19-20 20-20 21-20 22-20 23-20 24-20 25-20 26-20 27-20 28-20 29-20 30-20 31-20 32-20 33-20 34-20 35-20 36-20 37-20 38-20 39-20 40-20 41-20 42-20 43-20 44-20 45-20 46-20 47-20 48-20 49-20 50-20 51-20 52-20 53-20 54-20 55-20 56-20 57-20 58-20 59-20 60-20 61-20 62-20 63-20 64-20 65-20 66-20 67-20 68-20 69-20 70-20 71-20 72-20 73-20 74-20 75-20 76-20 77-20 78-20 79-20 80-20 81-20 82-20 83-20 84-20 85-20 86-20 87-20 88-20 89-20 90-20 91-20 92-20 93-20 94-20 95-20 96-20 97-20 98-20 99-20 100-20	g2+hem 2d(alt) Kspw, ser, talc, Kaut. cal cal(py) cal(S) cal(S)	g2 1/6 (1) ser 1/6 1/6				1638		
					v. grade 216	216	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	220 11 11(2) 11-20 12-20 13-20 14-20 15-20 16-20 17-20 18-20 19-20 20-20 21-20 22-20 23-20 24-20 25-20 26-20 27-20 28-20 29-20 30-20 31-20 32-20 33-20 34-20 35-20 36-20 37-20 38-20 39-20 40-20 41-20 42-20 43-20 44-20 45-20 46-20 47-20 48-20 49-20 50-20 51-20 52-20 53-20 54-20 55-20 56-20 57-20 58-20 59-20 60-20 61-20 62-20 63-20 64-20 65-20 66-20 67-20 68-20 69-20 70-20 71-20 72-20 73-20 74-20 75-20 76-20 77-20 78-20 79-20 80-20 81-20 82-20 83-20 84-20 85-20 86-20 87-20 88-20 89-20 90-20 91-20 92-20 93-20 94-20 95-20 96-20 97-20 98-20 99-20 100-20	g2+hem 2d(alt) Kspw, ser, talc, Kaut. cal cal(py) cal(S) cal(S)	g2 1/6 Kspw g2+hem g2(S) g2(S)	1/2 v. g2+hem			1639		
						227	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	220 11 11(2) 11-20 12-20 13-20 14-20 15-20 16-20 17-20 18-20 19-20 20-20 21-20 22-20 23-20 24-20 25-20 26-20 27-20 28-20 29-20 30-20 31-20 32-20 33-20 34-20 35-20 36-20 37-20 38-20 39-20 40-20 41-20 42-20 43-20 44-20 45-20 46-20 47-20 48-20 49-20 50-20 51-20 52-20 53-20 54-20 55-20 56-20 57-20 58-20 59-20 60-20 61-20 62-20 63-20 64-20 65-20 66-20 67-20 68-20 69-20 70-20 71-20 72-20 73-20 74-20 75-20 76-20 77-20 78-20 79-20 80-20 81-20 82-20 83-20 84-20 85-20 86-20 87-20 88-20 89-20 90-20 91-20 92-20 93-20 94-20 95-20 96-20 97-20 98-20 99-20 100-20	g2+hem 2d(alt) Kspw, ser, talc, Kaut. cal cal(py) cal(S) cal(S)	g2 1/6 Kspw g2+hem g2(S) g2(S)	1/2 v. g2+hem			1639		
						227	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100	220 11 11(2) 11-20 12-20 13-20 14-20 15-20 16-20 17-20 18-20 19-20 20-20 21-20 22-20 23-20 24-20 25-20 26-20 27-20 28-20 29-20 30-20 31-20 32-20 33-20 34-20 35-20 36-20 37-20 38-20 39-20 40-20 41-20 42-20 43-20 44-20 45-20 46-20 47-20 48-20 49-20 50-20 51-20 52-20 53-20 54-20 55-20 56-20 57-20 58-20 59-20 60-20 61-20 62-20 63-20 64-20 65-20 66-20 67-20 68-20 69-20 70-20 71-20 72-20 73-20 74-20 75-20 76-20 77-20 78-20 79-20 80-20 81-20 82-20 83-20 84-20 85-20 86-20 87-20 88-20 89-20 90-20 91-20 92-20 93-20 94-20 95-20 96-20 97-20 98-20 99-20 100-20	g2+hem 2d(alt) Kspw, ser, talc, Kaut. cal cal(py) cal(S) cal(S)	g2 1/6 Kspw g2+hem g2(S) g2(S)	1/2 v. g2+hem			1639	.065	.035

SECTION 10000

ENDAKO MINES

HOLE No. 5660
SHEET No. 4 Of 11

Dip	ROCK TYPES		Alteration	Texture	Hardness	Rock Name/ Appearance	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS		
	Plas	K-Spar									Weight in Grams	Sample Number	% MoS ₂		
	Magf.	Magf.									Core	Sludge	Core	Sludge	
7	4-5	Diff to 10-15	dk gr. (blk)	coarse	H5-6	wk. Mod. Ksd. Alt'd QM bleached; mottled.	234.5	ln qz; qz mo cal (2) qz + mag qz + mo + phen (-banded)	? 1/8 Kspar on qz m in	rough fracture surfaces	94	237	1640	.09	.086
7	4-5	Diff to 10-15	blk (dark)	coarse	H6	fresh-wk. Ksd. Alt'd QM conl	242.5	mag + qz (carb. sa) qz mo (white) cal qz (mo, var) Kspar carb. cal (5) qz (mag); qz mo (tan) cal Kspar (mag), qz + py	var to 1/4 Kspar 1/8	rough fracture surfaces	92	247	1641	.035↑	.055
7	4-5	Diff to 10-15	blk (dark)	coarse	H6		250	qz + mag (mo) qz + py (sa); qz + mag (m); qz + carb. sa Kspar (mag)	var to 1/4 Kspar 1/8	rough fracture surfaces	85	257	1642	.025	.027
7	4-5	Diff to 10-15	blk (dark)	coarse	H6		260	qz + mag (mo) qz + py (sa); qz + mag (m); qz + carb. sa Kspar (mag)	var to 1/4 Kspar 1/8	rough fracture surfaces	84	267	1643	.015	.009
7	4-5	Diff to 10-15	blk (dark)	coarse	H6		270	qz + mag (mo) qz + py (sa); qz + mag (m); qz + carb. sa Kspar (mag)	var to 1/4 Kspar 1/8	rough fracture surfaces	95	277	1644	.015	.047
7	4-5	Diff to 10-15	blk (dark)	coarse	H6		280	qz + mag (mo) qz + py (sa); qz + mag (m); qz + carb. sa Kspar (mag)	var to 1/4 Kspar 1/8	rough fracture surfaces	64	287	1645	.027	.616
7	4-5	Diff to 10-15	blk (dark)	coarse	H6		290	qz + mag (mo) qz + py (sa); qz + mag (m); qz + carb. sa Kspar (mag)	var to 1/4 Kspar 1/8	rough fracture surfaces	63	297	1646	.027?	.050

SECTION 10000

ENDAKO MINES

HOLE No. 5660
SHEET No. 6 Of 11

Oz.	ROCK TYPES & ALTERATION				GRAPHIC LOG	MINERALIZATION & STRUCTURES				Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Flag	M-Spar.	Mefc.	Texture		Hardness	Rock Name / Appearance	Footage	L To Core Axis		Width of Vein	Mineralization / Faulting (type)	Envelope (type)	Fractures		Slicability L To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% Me S ₂		
														L to core	Frequency					Core	Sludge	Estimated Grade	Core	Sludge	Core	Sludge
						Fresh (w/ Kar. Alt.) GM	65 60-60 55-70	370	1/16 1/16 1/16	cal borz qtz+mo(s) qtz+mag(hem)	Kspar 1/2 to 1/2 Kspar 1/2 Kspar 1/2									1654						
							65 60 55-70	380	1/16 1/16 1/16	qtz(mo) qtz+mo borz qtz+mag	Kspar 1/2 Kspar 1/2			66	377					.04			.073			
							65 60 55-70		1/16 1/16 1/16	hem qtz+cal(mo) qtz+hem(mag)	Kspar 1/2			67	387					.015			.029			
							65 60 55-70	390	1/16 1/16 1/16	qtz+mo qtz+mag qtz+hem(mag)	Kspar (1) 1/2															
							65 60 55-70	400	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2 Kspar 1/2 Kspar 1/2			84	397					.015?			.042			
							65 60 55-70	410	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2 Kspar 1/2									1657						
							65 60 55-70	420	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2			47	407					.06?			.084			
							65 60 55-70	430	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2															
							65 60 55-70	440	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2			70	417						1658					
							65 60 55-70	450	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2															
							65 60 55-70	460	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2			91	427						1659					
							65 60 55-70	470	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2															
							65 60 55-70	480	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2			32	437						1660					
							65 60 55-70	490	1/16 1/16 1/16	qtz(mo) qtz+mag qtz+hem(mag)	Kspar 1/2										1661					

SECTION 10000

ENDAKO MINES

HOLE No. 5460
SHEET No. 7 Of 11

Core	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS					
	Pile	L-Spec.	Mafic.	Texture	Hardness	Rock Name / Appearance				Weight in Grams		Sample Number		% MeS ₂			
										Core	Sludge	Core	Sludge	Core	Sludge		
																Estimated	Grade
%	%	% MoS ₂	% MoS ₂	%													
14	H-2	buff brown	med gr to buff 9'	mottled coarse (buff. med. coarse)	H2-4	alteration: centered in 5' interval. Sulfate. Int. Kald. Al ₂ Si ₂ O ₇ QM	441.5'	440	1/2	large (small), ma	gs carb	rough fracture surfaces	29	447	1661	.10	.146
15	H-2	buff brown	med gr to buff 9'	mottled coarse (buff. med. coarse)	H2-4	alteration: centered in 5' interval. Sulfate. Int. Kald. Al ₂ Si ₂ O ₇ QM	443'	460	1/2	gs carb	gs carb	rough fracture surfaces	68	457	1662	.03	.038
16	H-2	buff brown	med gr to buff 9'	mottled coarse (buff. med. coarse)	H2-4	alteration: centered in 5' interval. Sulfate. Int. Kald. Al ₂ Si ₂ O ₇ QM	460'	470	1/2	gs carb	gs carb	rough fracture surfaces	82	467	1663	.10	.158
17	H-2-3	buff brown	med gr to buff 9'	mottled coarse (buff. med. coarse)	H2-3	alteration: centered in 5' interval. Sulfate. Int. Kald. Al ₂ Si ₂ O ₇ QM	470'	470	1/2	gs carb	gs carb	rough fracture surfaces	92	477	1664	.04	.044
18	H-2-3	buff brown	med gr to buff 9'	mottled coarse (buff. med. coarse)	H2-3	alteration: centered in 5' interval. Sulfate. Int. Kald. Al ₂ Si ₂ O ₇ QM	470'	480	1/2	gs carb	gs carb	rough fracture surfaces	67	487	1665	.025	.048
19	H-2-3	buff brown	med gr to buff 9'	mottled coarse (buff. med. coarse)	H2-3	alteration: centered in 5' interval. Sulfate. Int. Kald. Al ₂ Si ₂ O ₇ QM	499'	500	1/2	gs carb	gs carb	rough fracture surfaces	73	497	1666	.025	.059
20	H-2-3	buff brown	med gr to buff 9'	mottled coarse (buff. med. coarse)	H2-3	alteration: centered in 5' interval. Sulfate. Int. Kald. Al ₂ Si ₂ O ₇ QM	499'	500	1/2	gs carb	gs carb	rough fracture surfaces	87	507	1667	.025	.054

SECTION 10000

ENDAKO MINES

HOLE No. 5660 SHEET No. 9 of 11

Qtz.	ROCK TYPES & ALTERATION					GRAPHIC LOG L to Core Axis	MINERALIZATION			STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Flag	K-Spec.	Matrix	Texture	Hardness		Rock Name/ Appearance	L to Core Axis	Width of Vein		Mineralization/ Fouling type	Envelope (Type)	Remarks	Fractures	Slicenets	R O D	Fouling Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
																			%	%	Core	Sludge	Core	Sludge	%	%
						WK (Fresh) Kaol. Alt. QM	70-80	1/8	qtz mo carb sw/Kaol.																	
						gradational	589.5	590	1/8 Kaol. carb pyrite	Kapoor 1/4				60						1675						
grey noddy	orange to red	blk to dk gr. (cal)	coarse H4-5	H5-6		WK (Mod) Kaol. Alt. QM bleached (mottled)	600	1/8	qtz mo + carb. pyrite	Kapoor 1/2-3/4				56					1676					.027		
						mod. ms. Kaol. Alt. QM	601	1/8	qtz mo pyrite	Kapoor 1/4					57				1677					.066		
						mod. kaol. alt. Kapoor oxid.	609.5	1/8	carb. pyrite						607				1678					.048		
							610	1/8	qtz mo pyrite						65				1679							
							619.5	1/8	qtz mo pyrite	Kapoor H/W 1/2 Kapoor 2" H/W				67				1678						.041		
grey to trans.	white to H. gr.	orange pat. (rust)	blk. dk. gr. (mottled)	coarse H4-5	H5-6	Mod Kaol. Alt. QM	620	1/8	qtz mo pyrite						85				1679							
						gradational	627	1/8	qtz mo pyrite	Kapoor 1/4					627				1680							
							635.5	1/8	qtz mo pyrite	Kapoor 1/2-3/4 Kapoor 1/4					637				1680							
						bleached - Kapoor enrich. H/W to 2" H/W	635	1/8	qtz mo pyrite	Kapoor 1/4 Kapoor 1/2					637				1681							
						gradational	645	1/8	qtz mo pyrite	Kapoor 1/2-3/4					637				1681							
						bleached - Kapoor enrich. Mod. Kaol. Alt. QM	645.5	1/8	carb. sw. Kaol.	Kapoor 1/4					647				1681					.023		
very similar to previous						Mod. Kaol. Alt. QM	650	1/8	carb. sw. Kaol. pyrite	Kapoor 1/4					647				1681					.023		

SECTION 10000

ENDAKO MINES

DI.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Flag	K-Spar.	Mafic	Texture	Hardness		Rock Name / Appearance	Alteration	Envelope (Type)	Remarks	Fractures	Stickenside	R O D	Porosity	Specific Gravity	Core %	Sludge %	Sample Number	% MoS ₂		
										Frequency	Stickenside	R O D	Porosity	Specific Gravity			Core	Sludge	Combined		
147	grey to buff	orange	blk dk gr.	coarse		Ve granular - 651.8 WK (Mod.) Kald. AlH. GM minor shear. Ksp. carb enrichment. 655	Ksp. Yb Ksp. Yb			0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	rough fracture surfaces	80						1682			
H7		H6	H5		H57	657.2		25' vein (shear) brn. carb. ser. talc. (mo)		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100			657					.02		.024	
	cores H4 & 5					660.5 - 661.5 - mod. at all in	Ksp. H4 & Yb Ksp. Yb	1' qtz vein		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	rough fracture surfaces		54					1683			
							Ksp. Yb Ksp. Yb=Ya	Kald. ser. talc. carb. (mo) mg. carb; mo (s); moase		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100			667					.04		.124	
							Ksp. Yb	cal		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	rough fracture surfaces			70					1684		
							Ksp. Ya=Yo (s)	qtz vein (chal.) gypsum pyrrholite		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	* smooth fracture		677					.01		.022	
						core vein brd - 1' at H4 above shear (mod. at H4)	Ksp. Yb	qtz vein		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	rough fracture surfaces			61				1685			
						QFP dike @ shear - dike cracks br.	Ksp. Ya (s)	cal Kald. ser. talc.		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	* smooth fracture			687				.02		.034	
							Ksp. Yb Ksp. Ya=Yo	carb. ser. talc. Kald. ser. talc. Kald. ser. talc. Kald. ser. talc. Kald. ser. talc. Kald. ser. talc.		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	rough fracture surfaces			88					1686		
							Ksp. Yb Ksp. Ya=Yo	mg. carb; carb. ser. talc. & ser. talc.		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100			697					.04		.059	
							Ksp. Yb	cal		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	rough fracture surfaces			80					1687		
							Ksp. Yb Ksp. Ya=Yo	mg. carb; qtz vein (Al ₂ SiO ₅); gyp		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100			701					.02		.046	
							Ksp. Yb Ksp. Ya=Yo	Al ₂ SiO ₅ ; qtz vein (Al ₂ SiO ₅); gyp		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	rough fracture surfaces			35					1688		
							Ksp. Yb	cal		0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	* smooth fracture			711				.015		.031	

SECTION 9800

ENDAKO MINES

HOLE No. 5661

SHEET No. 1 of 17

LOCATION ENDAKO SOUTHWALL

BEARING

LATITUDE 29797.98

CORE SIZE NO

LOGGED BY PIERRE MAHEUX

DATE COLLARED Oct 22/89

LENGTH 1157'

DEPARTURE 27006.77

SCALE OF LOG 1" = 10'

DATE Nov. 28 → Dec. 17, 1989

DATE COMPLETED Oct 25/89

DIP -90

ELEVATION 3399.135

REMARKS

ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
Qtz.	Fels.	Ac-Spar.	Mafic.	Texture	Hardness		Rock Name / Appearance	Mineralization / Faulting (Type)	Structures	Fractures	Blockiness	ROD	Footage Blotches	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	
										Frequency	Blockiness				Core	Sludge	Core	Sludge
														%	%	Estimated	Grade	Combed
									0-20 casing NO CORE RECOVERED									
						(Wk)-Mod. Kaol. Alt'n. DM prominent shear 22.5-23.5' mod. to int. kaol. alt'n.		20								1690		
H7	H2-4 (H5)	H6	H3-5	H5-6		intense kaol alt'n 28.7' intense kaol alt'n 29.5'		30								.07	.065	
						- local dark brittle rock (sands)		30								1691		
						minor shear 35'		40								.04	.029	
								40								1692		
						Int. Kaol Alt'n. DM		46.5' 48' 49.5'								.05	.020	
								50								1693		
						Kspen enrichment		57' 57.3'								.05	.026	
						major fault/shear; int. kaol. alt'n; int. b'n.		60								1694		
						prominent shear int. kaol. alt'n		67.5' 68.5'								.09	.058	
						Kspen enrichment		67.5' 68.5'										

Paul Buckley P. Eng

SECTION 9800

ENDAKO MINES

Gtz.	ROCK TYPES & ALTERATION			GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS												
	Flag	K-Spec.	Mark.			Texture	Hardness	Rock Name / Appearance	Footage	L To Core Axis	Width of Vein	Mineralization / Faulting Type	Envelope (type)	Remarks	Weight in Grams		Sample Number		% MoS ₂						
															Fractures	Silicified	R O D	Footage Block	Specific Gravity	Core	Sludge	Core	Sludge	Core	Sludge
H7	buff grey-H gr	orange (pink)	blk degr.	coarse		WK. Kaol. All'n. comd. QM	10-15 20-25 30-35 40-45 50-55 60-65 70-75 80-85 90-95 100-105	1/40	h(2) v(1) v(2) v(3) v(4) v(5) v(6) v(7) v(8) v(9) v(10)	g(1) g(2) g(3) g(4) g(5) g(6) g(7) g(8) g(9) g(10)	ser Va, Ksp. ser Va		41	147			1702		.015	.015					
						Mod. Kaol. All'n. QM	110-115 120-125 130-135 140-145 150-155		h(1) h(2) h(3) h(4) h(5) h(6) h(7) h(8) h(9) h(10)	g(1) g(2) g(3) g(4) g(5) g(6) g(7) g(8) g(9) g(10)	Ksp.		89	157			1703		.03	.044					
						int. kaol. all'n. @ 166'	160-165 170-175 180-185 190-195 200-205		h(1) h(2) h(3) h(4) h(5) h(6) h(7) h(8) h(9) h(10)	g(1) g(2) g(3) g(4) g(5) g(6) g(7) g(8) g(9) g(10)	ser Va, Ksp. ser Va		45	167			1704		.041	.055					
H7	buff to H. gr wedgr.	orange brown to buff	gran ckr.	coarse marked		Mod. Int. Kaol. All'n. QM	210-215 220-225 230-235 240-245 250-255 260-265 270-275 280-285 290-295 300-305		h(1) h(2) h(3) h(4) h(5) h(6) h(7) h(8) h(9) h(10)	g(1) g(2) g(3) g(4) g(5) g(6) g(7) g(8) g(9) g(10)	ser Va, Ksp. ser Va		43	177			1705		.05	.051					
						Mod. Kaol. All'n. QM	310-315 320-325 330-335 340-345 350-355 360-365 370-375 380-385 390-395 400-405		h(1) h(2) h(3) h(4) h(5) h(6) h(7) h(8) h(9) h(10)	g(1) g(2) g(3) g(4) g(5) g(6) g(7) g(8) g(9) g(10)	ser Va		63	187			1706		.01	.013					
						wk. (fresh) Kaol. All'n. QM - see 140'	410-415 420-425 430-435 440-445 450-455 460-465 470-475 480-485 490-495 500-505		h(1) h(2) h(3) h(4) h(5) h(6) h(7) h(8) h(9) h(10)	g(1) g(2) g(3) g(4) g(5) g(6) g(7) g(8) g(9) g(10)	ser Va		90	197			1707		.02	.023					
H7	H. sand gray (buff brown)	H. red brown to buff	blk degr.	marked coarse		Mod. Kaol. All'n. QM	510-515 520-525 530-535 540-545 550-555 560-565 570-575 580-585 590-595 600-605		h(1) h(2) h(3) h(4) h(5) h(6) h(7) h(8) h(9) h(10)	g(1) g(2) g(3) g(4) g(5) g(6) g(7) g(8) g(9) g(10)	Ksp. Va		56	207			1708		.075	.089					

SECTION 980c

ENDAKO MINES

HOLE No. 5661
SHEET No. 4 Of 17

Dr.	ROCK TYPES & ALTERATION				GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES				RECOVERY		ASSAY RESULTS									
	Plig	K-Spar	Mafic	Texture			Hardness	Rock Name / Appearance	Alteration (Type)	Fault (Type)	L To Core Axis	Width of Vein	Mineralization / Pooling (Type)	Envelope (Type)	Remarks	Weight in Grams		Sample Number		% MoS ₂		
																Core	Sludge	Core	Sludge	Core	Sludge	
Frequency	Stickenside L To Core Axis	R.O.D.	Footage Block	Specific Gravity	Core %	Sludge %	Estimated % MoS ₂	Grade % MoS ₂	Combed													
					gradational Fresh (Wk. Kaol. Alt.) QM	213.5 - 217	S				qspp (sw) zsamo (s) zsamo (carb) zsamo (cal) Ksp + cal Ksp + mag zsamo zsamo + cal zsamo Ksp (g) + mosel = Ksp + gsmo; qz + calc; qz + mag; Ksp + mosel; qz + gsmo; qz + calc; Ksp + gsmo; qz + calc; qz + mag;	Ksp 1/8 Ksp 1/8 Ser 1/4 Ser 1/4 Ksp 1/4 Ser 1/4 Ksp 1/4 Ser 1/4 Ksp 1/4 Ser 1/4 Ksp 1/4 Ser 1/4 Ksp 1/4 Ser 1/4	Tough fracture surfaces	71					1709			
					WK. Kaol. Alt. QM	217 - 220	S				qsamo Ksp (s) Ksp (m) Ksp (s) Ksp (p) (sw) cal Ksp + gsmo Ksp + gsmo; qz + calc (sw) Ksp + gsmo zsamo + cal	Ksp 1/2 Ksp 1/4 Ser 1/4 → 1/4 Ser 1/4						.06		.015	?	
gray - translucent	buff to H.G.	orange brown.	blk. to dk. gr.	coarse	HL-7	220 - 230	S				qsamo Ksp (s) Ksp (m) Ksp (s) Ksp (p) (sw) cal Ksp + gsmo Ksp + gsmo; qz + calc (sw) Ksp + gsmo zsamo + cal	Ksp 1/2 Ksp 1/4 Ser 1/4 → 1/4 Ser 1/4						.03		.018		
					mod. int. kaol. alt.	230 - 240	S				qsamo Ksp (s) Ksp (m) Ksp (s) Ksp (p) (sw) cal Ksp + gsmo Ksp + gsmo; qz + calc (sw) Ksp + gsmo zsamo + cal	Ksp 1/2 Ksp 1/4 Ser 1/4 → 1/4 Ser 1/4						.02		.016		
					mod. int. kaol. alt.	240 - 247	S				qsamo Ksp (s) Ksp (m) Ksp (s) Ksp (p) (sw) cal Ksp + gsmo Ksp + gsmo; qz + calc (sw) Ksp + gsmo zsamo + cal	Ksp 1/2 Ksp 1/4 Ser 1/4 → 1/4 Ser 1/4						.04		.038		
					mod. int. kaol. alt.	247 - 257	S				qsamo Ksp (s) Ksp (m) Ksp (s) Ksp (p) (sw) cal Ksp + gsmo Ksp + gsmo; qz + calc (sw) Ksp + gsmo zsamo + cal	Ksp 1/2 Ksp 1/4 Ser 1/4 → 1/4 Ser 1/4	rough fracture surfaces	77					.05		.038	
						257 - 260	S				qsamo Ksp (s) Ksp (m) Ksp (s) Ksp (p) (sw) cal Ksp + gsmo Ksp + gsmo; qz + calc (sw) Ksp + gsmo zsamo + cal	Ksp 1/2 Ksp 1/4 Ser 1/4 → 1/4 Ser 1/4						.025		.081		
						260 - 270	S				qsamo Ksp (s) Ksp (m) Ksp (s) Ksp (p) (sw) cal Ksp + gsmo Ksp + gsmo; qz + calc (sw) Ksp + gsmo zsamo + cal	Ksp 1/2 Ksp 1/4 Ser 1/4 → 1/4 Ser 1/4						.07		.049		

SECTION 9800

ENDAKO MINES

Dip	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Flag	K-Spec.	Met.	Texture	Hardness	Rock Name/ Appearance		L To Core Axis	Width of Vein	Mineralization / Faulting (type)	Envelope (type)		Fractures L to core	Frequency	Slicability L to Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																			Core	Sludge	Core	Sludge	Core	Sludge
	H3-6	H6	H5		H6-7	V. wk. kaol. Alt. n. GM cont.	25-60	1/2-1/4	loc. kaol. ser (pr) kaol. ser, talc (2-3-6-0) (3-4-6-0) mo. g. + carb	Lead ser 1/4	0		rough fracture surfaces											
							70-80 (U)	1/4	ser (ham) ser (ham) ser (ham)	1/2 ser	10													
							80-90 (S)	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2 (2)	20													
							90-100 (S)	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	30													
							300	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	40													
							305	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	50													
							310	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	60													
							315	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	70													
							320	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	80													
							325	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	90													
							330	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	100													
							340	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	110													
							350	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	120													
							355	1/4	ser (ham) ser (ham) ser (ham)	ser 1/2	130													

305'
Int. mod. kaol. Alt. n. GM
See 7

Kapser enrich.
345'
V. grad. kaol. Alt. n. GM

15' garnet in string banded.

core v. broken for 5'

SECTION 9800

ENDAKO MINES

HOLE No. 5661
SHEET No. 6 of 17

ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
QTY	Plog	k-Spec.	Mark.	Texture	Hardness			Rock Name / Appearance	Fractures	Stickenside	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	
							Frequency	✓ To Core Axis				Core	Sludge	Core	Sludge	Combined	
												Core	Sludge	Core	Sludge		
												%	%	% MoS ₂	% MoS ₂		
3-7 H-7	H to green	red to brown (orange)	dk. gr. H3-S (center)	coarse (mottled)	H5-6	gradational Mod.-Int. Kaol. All'n OM	353.5'	S				357		1723		.092	
						wk. (fract.) Kaol. All'n OM	360'										
							370'					367		1724		.032	
							380'					377		1725		.042	
						gradational Med.-Int. Kaol. All'n OM (surreccretation)	384.5'	S									
3-7 H-7	H to green	red to brown	dk. gr. center	mottled coarse		Int. Kaol. All'n OM - inter. ser. + bleaching	390'	S				387		1726		.066	
						Med. Kaol. All'n											
							400'					397		1727		.022	
3-7 H-7	H to green	red to brown	dk. gr. H3-4	coarse mottled (beaded)		Int. (Mod.) Kaol. All'n ser. fine, fine, fine, fine beaded hard ser. all'n; grey of flooding - complete replacement of rock by all'n products	412.5'	S				407		1728		.019	
						Med.-Int. Kaol. All'n OM											
							417.5'	S				417		1729		.030	
						prominent shear	417.5'	S									
						Kaol. enrichment - All'n											
						wk. - Med. Kaol. All'n	420'	S				417		1729		.05	

SECTION 9800

ENDAKO MINES

HOLE No. S661
SHEET No. 7 Of 17

Dtz.	ROCK TYPES		ALTERATION		Rock Name/ Appearance	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS										
	Plag	K-Spar.	Mafic.	Texture					Hardness	L To Core Axis	Width of Vein	Mineralization/ Fouling (type)	Envelope (type)	Remarks	L to core	Frequency	Slit/blade L to Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																					Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combined																						
42.5	Hgr to med. gr.	brn orange to pink	dk gr to gr.	course mottled	(Wk) Mod. Kal. Al in GM strongly mottled.	42.5-43.5	gzsomo gzsomo Ksp (ch) Kal. cal Chl. qz + ser; gzsomo	Ksp 1/2-1/2 Ksp 1/2			10	11	11	76					1730							
43.5					gzsomo (maghem.?) in	43.5-44.5	gzsomo (ser.) to gzsomo (ortho) - hem. mag. - gzsomo Ksp (ch) Kal. cal			42.6 → 42.7 = .7' gzsomo maghem. py - banded - 1/4" mag (at?) Ksp. encl. HWSF.	10	11	11	427					.10			.137				
44.5					50% veining	44.5-45.5	gzsomo Chl. qz, gzsomo, ser, talc, qz, cov. Ksp (hem.) Ksp (ser)	Ksp 1/2 Ksp 1/2		vein internal: in vein	10	11	11	77					.09			.130				
45.5						45.5-46.5	gzsomo Chl. qz, gzsomo, ser, talc, qz, cov. Ksp (hem.) Ksp (ser)	Ksp 1/2 Ksp 1/2			10	11	11	80					.04			.052				
46.5						46.5-47.5	gzsomo Chl. qz, gzsomo, ser, talc, qz, cov. Ksp (hem.) Ksp (ser)	Ksp 1/2 Ksp 1/2			10	11	11	97					.07			.057				
47.5						47.5-48.5	gzsomo Chl. qz, gzsomo, ser, talc, qz, cov. Ksp (hem.) Ksp (ser)	Ksp 1/2 Ksp 1/2			10	11	11	49					.075			.091				
48.5						48.5-49.5	gzsomo Chl. qz, gzsomo, ser, talc, qz, cov. Ksp (hem.) Ksp (ser)	Ksp 1/2 Ksp 1/2			10	11	11	65					.06			.081				
49.5						49.5-50.5	gzsomo Chl. qz, gzsomo, ser, talc, qz, cov. Ksp (hem.) Ksp (ser)	Ksp 1/2 Ksp 1/2			10	11	11	75					.03			.057				

SECTION 9800

ENDAKO MINES

HOLE No. 5661

SHEET No. 9 Of 17

ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
Core	Plug	W-Spec.	Mefc.	Texture		Hardness	Rock Name/ Appearance	Rock Type Alteration	Feenage STRUCTIONS	L To Core AXIS	Width of Vein	Mineralization/ Faulting (Type)	Envelope (Type)	Remarks	Fractures	R O D	Feenage Blocks	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	
															to core				Core	Sludge	Core	Sludge
															Frequency	Slickenside L To Core Axis			Core	Sludge	Estimated Grade	Combined
		H2-3	H2-4	H2-3	H2-4	Med-Int Kaol Alt. QM	613-643		570		Calc. (cal), Lvsz, mag, kaol, ser (tal)	Ksp V4, Ksp V6			89					1744		
									580		Mag, act, cal	Ksp V6, Ksp V8			83		577			1745		.023
									580		Mag, act, cal, ser, py, kaol, br qz	Ksp V6, Ksp V8, Ksp V6			57		587			1746		.026
									590		act, py, mag, ser, kaol, calc, tal, carb	act, tal			82					1747		.014
									600		Mag, act, tal, ser, kaol, calc, carb	Ksp V6					597			1748		.015
									610		Mag, act, tal, ser, kaol, calc, carb	Ksp V6-V4, Ksp V6			65		607					.016
									620		Mag, act, tal, ser, kaol, calc, carb	Ksp V6			41					1749		
									630		Mag, act, tal, ser, kaol, calc, carb	Ksp V6, Ksp V6-V4			67						.01	.014
						Ksp enrichment - (625-635) (Wk) Kaol Alt. QM			640		Mag, act, tal, ser, kaol, calc, carb	Ksp V6-V4			64					1750		
									650		Mag, act, tal, ser, kaol, calc, carb						627			.02	.020	

SECTION 9800

ENDAKO MINES

HOLE No. 5661
SHEET No. 10 Of 17

ROCK TYPES & ALTERATION		GRAPHIC LOG	MINERALIZATION & STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS														
Qtz.	Flg.		K-Spr.	Mefc.	Texture	Hardness	Rock Name, Appearance	Alteration	Footage Structures	Width of Vein	Mineralization/Faulting (type)	Envelope (type)	Remarks	Fractures	Stickerside	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
									∠ To Core Axis					∠ To Core Axis	Frequency	∠ To Core Axis				Core	Sludge	Core	Sludge	Combined		
																		∠ To Core Axis	Core	Sludge	Estimated	Gross				
																			%	%	% MoS ₂	% MoS ₂				
							major shear interval. Int. (Mod) Kaol. Alt'n QM	630.8'	630	1/4	Kaol, cal, ser (wk) shear shear: cly, kaol, chl, qz, cal, (w) talc qz (mo) cal, ser, kaol		pronounced shear - int. kaol with; dr's		*	40						1751				
							WK (Mod) Kaol. QM	637'	640	3/4	cly, kaol, ser, (wk) talc qz, cal. cal, mag (2).	ser Yk Ksp Yk					637				.02		.016			
								640'	650	1/2	chl, cal, talc (mod) cal (2) ser, int, kaol.	Ksp Yk			*	60					1752					
								650'	660	1/2	qz (mo) qzmo cal, (ser, py) (2) qzmo, benz qz	Ksp Yk Ksp Yk - Yk (2)					647				.02		.034			
								660'	670	1/2	qtz mag; cal. cal (2) cal (2)	Ksp Yk					657		rough fracture surfaces			1753				
								670'	680	1/2	ser, talc qz, horn, py (qz) carb. horn (2) cal qz talc mag (2) horn (2)	Kaol, Ksp Yk - Yk									.01		.015			
							minor shear.	683.5'	690	1/2	chl, kaol, ser. kaol, ser, chl, cal. talc, ser, kaol chl, qz talc cal (2), mag.						667					1754				
								690'	700	1/2	cal cal mag horn horn Cal (chl) cal qz, mag, horn + ser talc, ser, kaol (tal) horn (mag) horn Cal tal (ser, kaol) cal (tal, ser) mag	ser Yk - Yk									.05		.019			
							Mod Int Kaol Alt'n QM	686'	680	1/2	chl, ser, kaol, carb (mo) chl, mo chl, tal, cal chl, tal, kaol, cal qzmo. tal, tal, ser. kaol, tal, ser.											1755				
								687.6'	690	1/2	cly, kaol, chl. (Yk chl NW)						677					.015		.024		
gray - brown grey	buff green to grey	brown orange to dk. gr.	green to dk. gr.	orange to dk. gr.	orange to dk. gr.	orange to dk. gr.	Int Kaol Alt'n basalt dyke	687.6'	690	1/2	chl, ser, kaol, carb (mo)		increasingly intense bleaching kaol. alt'n toward host dyke.									1756				
grey to H grey	buff to H. gr.	buff to green (brown)	mod. gr. H. gr.	mod. gr. H. gr.	mod. gr. H. gr.	mod. gr. H. gr.		692.4'	690	1/2	chl, ser, kaol, carb (mo)		680' intense kaol. alt'n associated with staining dyke				687					.025		.048		
H6-7	H2	H7-5					basalt dyke	692.4'	690	1/2	chl, mo chl, tal, cal chl, tal, kaol, cal qzmo. tal, tal, ser. kaol, tal, ser.											1757				
								693.4'	690	1/2	chl, ser, kaol, carb (mo)											.15?		.271		
								699.7' to 700.5'	700	1/2	chl, ser, kaol, carb (mo)		shears at upper - lower dyke contacts - through remainder of interval Int. staining kaol. alt'n, cly ser, kaol etc.				697									

SECTION 9800

ENDAKO MINES

HOLE No. 5661
SHEET No. 12 Of 17

Dtz.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Flag	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance		L To Core Axis	Width of Vein	Mineralization/ Faulting type	Envelope (type)	Remarks	Frequency	Slickenside L To Core Axis	ROD	Footage Block	Specific Gravity	Weight in grams		Sample Number		% MoS ₂		
																		Core	Sludge	Core	Sludge	Core	Sludge	Combined
%	%	%	%	%	%	%	%																	
H-6-7	H2-3	H3-4	H2-3		H3-6	Mod.-Int. Kaol. Alt. & GM weak to strong replacement. intense br'n kaol alt'n	776	X _{1/2} -Y _{1/2}	g2, mo	Ksp Y _{1/2} -X _{1/2} Ksp X _{1/2}	core & broken K ₂ S ₂ N.B. insipient cracks & fractures predominantly dry fractures - kaol, ser, talc - g2 in other fractures.	20		777				1765				.02	.035	
						780	Y _{1/2} -X _{1/2}	cl. kaol, talc, chl (kaol) talc, ser, kaol, g2			irregular fracture surfaces			787						1766			.025	.053
						790-795' S - no breccia	791.5'	H _{1/2} -Y _{1/2} 1-1"	mo (g2)		3' Ksp enrichment Fr of mo.			85						1767			.08↑	.122
						800	Y _{1/2} -X _{1/2} Y _{1/2} -X _{1/2}	g2, talc (ser) bar g2; g2, mo		Ksp Y _{1/2} (2)		numerous irreg. cal. v. v. v.		797						1768			.04	.023
						805	Y _{1/2} -X _{1/2} B10	ser, kaol, (talc).			80' minor rough. Fring g2.			807						1769			.045	.050
						810	Y _{1/2} -X _{1/2} B10	g2, mo, bar g2 (barrois)		Ksp enrich. asso.	Du. v. v. v.			817						1770			.04	.046
						815	Y _{1/2} -X _{1/2} B10	g2, mo, bar g2 (barrois)						827						1771			.02	.024
						820	Y _{1/2} -X _{1/2} B10	g2, mo, bar g2 (barrois)						837						1772				

SECTION 9800

ENDAKO MINES

HOLE No. 5661
SHEET No. 13 Of 17

ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES				RECOVERY		ASSAY RESULTS									
Q12	Plugs	K-Spar	Matrix			Rock Name/ Appearance	Fractures	Stickiness	ROD	Footage	Specific Gravity	Weight in Grams	Sample Number	% MeS ₂							
	H2-Y	H4-L	med. green (cht.) (scr)	coarse mottled	L To Core Axis 840	Width of Vein	Mineralization/ Faulting (type)	Envelopes (type)	Remarks	L to core	Frequency	To Core Axis	ROD	Footage	Specific Gravity	Core	Sludge	Estimated Grade	% MoS ₂	% MoS ₂	Combined
H2-Y H4-L	orange brown to buff	orange brown to buff	mod. green (cht.) (scr)	coarse mottled	845	1.5' interval	qtz + mo dyke contact; qz + mo (1) Ksp + py + mo qtz + mo (irreg.)		breccia. Fract. of dyke - strong local use. dev. small dyke belt - crater cal. - irreg. patches of horn (mg)	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90		rough fracture surfaces.	32	847				1772	.04	.055	
					850				Flw of shear - br'n continuous - shears shallow to 45°	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90		* smooth 60° S - talc (cht)	79	857				1773	.03	.030	
					860	1.2' (-w/ base)			Bas-B2.2 - gneiss (scr, Ksp) vein - bed of material at top. dm. frags.	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90		* smooth but irreg. - Co*	80	847				1774	.06	.054	
					870					0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90		* smooth egg	75	877				1775	.05	.033	
					880					0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90			63					1776	.02	.044	
					890					0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90			92	897				1777	.03	.085	
					900					0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90			87	907				1778	.04	.076	

SECTION 9800

ENDAKO MINES

HOLE No. S661
SHEET No. 14 Of 17

Dtz	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS							
	Plas	K-Spar.	Mafic.	Texture				Hardness	Rock Name/ Appearance	Footage	L to Core Axis	Frequency	Slackable L to Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																	Core	Sludge	Core	Sludge	Core	Sludge
1-7	calc. + mica	calc. + mica	alk. sil.	course (mm)	Wk. Mod. K. cal. All'n. Q.M. cont.	910	910															
1-7	calc. + mica	calc. + mica	alk. sil.	HS		920	920				85	917				1779				.029		
					int. all'n.	925	925					71				1780						
					apite dyke.	930	930					927					.075			.098		
					gismo vn.	935	935					79					1781					
						940	940					937					.08			.111		
					gradational Fresh-Wk. All'n. Q.M.	943	943					80					1782					
1-7	calc. + mica	calc. + mica	alk. sil.	HS		950	950					947					.08			.125		
						960	960					92					1783					
						960	960					937						.055			.057	
						970	970					83					1784					
					apite dyke.	977	977					947						.09			.121	
						977	977					70					1785					
						977	977					977						.09			.120	

SECTION 9800

ENDAKO MINES

HOLE No. 566
SHEET No. 15 Of 17

Core	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS							
	Plas	K-Spar.	Mafic.	Texture		Hardness	Rock Name/Appearance	Mineralization/Faulting type	Envelopes (type)	Remarks	Fractures	Frequency	Slicability	L To Core	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																		Core	Sludge	Core	Sludge	Core	Sludge	
47	H56	H6	H5		H6-7	Fresh. wk. All. QM. cont. mod. Kool. alt'n.	Ksp. V ₂ Ksp. V ₂ -V ₄ Ksp. V ₄	ser. 1-2'						47					1786					
														987						.067			.047	
														75						1787				
														997						.087			.118	
														74						1788				
														1007						.14			.141	
														48						1789				
														1017						.10			.083	
														44						1790				
														1027						.07			.098	
														48						1791				
														1037						.075			.073	
47	H35	H5-6	H4-5		H4-6	Mod. (Int.) Kool. All'n. QM.	Ksp. V ₂ Ksp. V ₂ -V ₄ ser. V ₂	ser. V ₂						66						1792				
														1047						.08			.157	

SECTION 9800

ENDAKO MINES

HOLE No. 5661
SHEET No. 16 Of 17

Dtz	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Plug	K-Spar.	Mafic	Texture		Hardness	L To Core Axis	Width of Vein	Envelope (Type)		Fractures	Frequency	Slicenoids L To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
																	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge
%	%	%	%	%	%	%	%																	
H7	H5-6	H6	H3	H6	1051'	1050	barz mo; cal(mo) ksp 1/2-1/4 (2) ksp 1/2-1/4	Ksp 1/2-1/4				81					1793							
					1065'	1060	barz ksp 1/2-1/4 ksp 1/2-1/4	Ksp 1/2-1/4				66						1794				.026		
					1071'	1070	barz ksp 1/2-1/4 ksp 1/2-1/4	Ksp 1/2-1/4				52						1795				.082		
H7	H4-2	H4-6	H4-5	H4-6	1080'	1080	barz ksp 1/2-1/4 ksp 1/2-1/4	Ksp 1/2-1/4				78						1796				.05		
					1090'	1090	barz ksp 1/2-1/4 ksp 1/2-1/4	Ksp 1/2-1/4				82						1797				.101		
					1094'	1100	barz ksp 1/2-1/4 ksp 1/2-1/4	Ksp 1/2-1/4				55						1798				.085		
					1107'	1110	barz ksp 1/2-1/4 ksp 1/2-1/4	Ksp 1/2-1/4				45						1799				.065		
					1114'	1120	barz ksp 1/2-1/4 ksp 1/2-1/4	Ksp 1/2-1/4				45						1799				.09		
					1133'		barz ksp 1/2-1/4 ksp 1/2-1/4	Ksp 1/2-1/4				45						1799				.06		

SECTION 9100

ENDAKO MINES

HOLE No. 5662

SHEET No. 01 of 19

LOCATION ENDAKO SOUTHWALL BEARING collar = 007° bottom = 019° LATITUDE 29968.50 CORE SIZE 10 LOGGED BY PIERRE MAHEUX
 DATE COLLARED Oct 25/89 LENGTH 1307' DEPARTURE 26341.20 SCALE OF LOG 1" = 10' DATE JAN 02, 1990 → JAN 11, 1990
 DATE COMPLETED Oct 30/89 DIP collar = -63.5° bottom = -61° ELEVATION 3396.825 REMARKS

DIT.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS											
	Pies	K-Spec.	Mafic.	Texture	Hardness			Rock Name/ Appearance	Footage	L To Core Axis	Width of Vein	Mineralization/ Faulting (type)	Envelope (type)	Remarks	Fracture Frequency	Siliceous L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																				Core	Sludge	Estimated Grade	Core	Sludge	Core	Sludge
						0-32' CASING NO CORE RECOVERED.																				
						CORE LOST	32	32																		
						WK (Mod) Knd Alln. OM	32-40	40	h1-1/8 (1) h1-1/8 (2)	Cal py (sz) g2 py (ms) Cal g2 py (ms)				40		37					4404					
							40-50	50	h1-1/8 (2) h1-1/8 (6) h1-1/8 (4) h1-1/8 (1)	g2 py g2 (ms. sel); g2 ser g2 (ms) py g2 cal (py) crackly breccia - py, hms, g2		core v. broken.			24	47						4405				
							50-58.5	58.5	h1-1/8 (1) h1-1/8 (1) h1-1/8 (1)	py, ser py, ser (sz) (15) py, g2 (2)		Ksp 1/2			13							4406				
						CORE LOST	58.5	58.5	h1-1/8 (1) h1-1/8 (1) h1-1/8 (1)	clay ag. (St. S) g2 (ms) g2 ser (py) g2 ser (py)					57							4407				
						Mod. Mod. Alln. OM.	61.5	61.5	h1-1/8 (1)	g2 py (ms) (Cpy) g2 py (ms) (Hms)												4407				
							64.5	64.5	h1-1/8 (1) h1-1/8 (1) h1-1/8 (1)	g2 ser (py) g2 ser (py) (breccia zone) g2 (ms) (py)					49							4407				
							70	70	h1-1/8 (1) h1-1/8 (1) h1-1/8 (1)	g2 py ser (ms) (6) g2 (ms) ser g2 (ms) (py)					67							4407				
							80	80	h1-1/8 (1) h1-1/8 (1) h1-1/8 (1)	g2 ser + py + ms g2 ms g2 py (2)												4408				
							80	80	h1-1/8 (1) h1-1/8 (1) h1-1/8 (1)	g2 ser (ms) (6) g2 ms (py) g2 ms g2 (ms)					53							4408				
							80	80	h1-1/8 (1) h1-1/8 (1) h1-1/8 (1)	g2 ser (ms) (6) g2 ms (py) g2 ms g2 (ms)					77							4408				

Paul Buckley P. Eng

SECTION _____

ENDAKO MINES

HOLE No. 566Z
SHEET No. 02 of 19

O/I	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS									
	Flag	K-Spec.	Mafic.	Texture				Hardness	L To Core Axis	Width of Vein	Frequency	Slickenside L To Core Axis	ROD	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MeS ₂				
																Core	Mudge	Estimated	Grade	Core	Sludge	Core	Sludge	Combined
					Mod. (Int.) Ksd. Alt. 20m Core: 32.7'	80	serge 1/8 (2)	Core v. broken	0-10															
					QEP Dyke 24.7'	90	crackles breccia: molde ma (2) g2smo (rare dissem. py)		10-20		35						4409							
					Mod. Int. Ksd. Alt. n. Dyke - breached	90	g2smo (ser. py)		20-30			87						.015		.018				
					intense brn.	100	g2smo (ser. py)	core v. broken & rubbly - crackle brecciation thru-out interval - dry fractures - intense brn and Ksd. alt'n.	30-40		19						4410							
					99'	100	g2smo (ser. py)		40-50			97						.01		.009				
					107'	100	g2smo (ser. py)	- see note above.	50-60															
					WK (Mod.) Ksd. Alt. 2. QM	110	g2smo (ser. py)		60-70		32													
gray brown	# buff H5L	pink orange brown HC	dk. yf. H4-S	Coarse H6-7		120	g2smo (ser. py)		70-80			107												
						120	g2smo (ser. py)		80-90		87													
						120	g2smo (ser. py)		90-100		117									.02	.017			
						130	g2smo (ser. py)		100-110			65									4413			
						130	g2smo (ser. py)		110-120			127									.025	.015		
					Mod. Ksd. Alt. d. QM 133'	140	g2smo (ser. py)		120-130			70										4414		
					134.5'	140	g2smo (ser. py)		130-140			137										.015	.009	
					Mod. Ksd. Alt. d. QM Ksp. an. ch: 141.3-142.3'	150	g2smo (ser. py)		140-150														4415	
					155.5'-158'	150	g2smo (ser. py)		150-160															4415
					147-147.4'	150	g2smo (ser. py)	Ksp. calcare to -5 (breached) -5 g2smo (ch) g2smo (ser) (hand) g2smo (ser) (hand) g2smo (ser) (hand)	160-170		72		147										.09	.105

SECTION _____

ENDAKO MINES

HOLE No. S66Z
SHEET No. 03 Of 19

Q12	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS			
	Flag	K-Spar.	Mafic.	Texture	Hardness	Rock Name/Appearance				Weight in Grams		Sample Number		% MoS ₂	
										Core	Sludge	Core	Sludge	Core	Sludge
						Mod. Kaol. Alt'n QM cat apite dyke. 152.5-153.3	150	Chl, ser (mo) qtzmo ser ser Vb ser Vb-1/4(s) ser Vb-1/8(s) ser Vb-1/4(s)	82		4416		.027		
						166'	170	qtzmo ser ser Vb Ksp Vb-1/4 ser Vb Ksp Vb	75		4417		.013		
						166' Wk. Kaol. Alt'n QM.	180	qtzmo ser ser Vb Ksp Vb-1/4 ser Vb Ksp Vb	65		4418		.020		
							190	qtzmo ser ser Vb Ksp Vb-1/4 ser Vb Ksp Vb	36		4419		.028		
							200	qtzmo ser ser Vb Ksp Vb-1/4 ser Vb Ksp Vb	83		4420		.075		
						205' Wk. Mod. Kaol. Alt'n QM bleached-wattd.	210	qtzmo ser ser Vb Ksp Vb-1/4 ser Vb Ksp Vb	89		4421		.025		
							220	qtzmo ser ser Vb Ksp Vb-1/4 ser Vb Ksp Vb	94		4422		.106		

SECTION _____ ENDAKO MINES

HOLE No. 5622
SHEET No. 05 Of 19

Dtz.	ROCK TYPES & ALTERATION		GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS								
	Flag	K-Spar. Mafic. Texture Hardness				Rock Name/ Appearance	L To Core Axis	Frequency	Slicability L To Core Axis	Weight in Grams		Sample Number				
										ROD	Footage Blocks	Core	Sludge	Core	Sludge	% Me S ₂
%	%	% MoS ₂	% MoS ₂													
gray and buff H7	buff to brown (buff) H34	dk. gr. (gr.) H4-5	coarse H3-7 (5-6)	Wh-Med Keel Alt'n. Qvt	ser 1/4 (2) Ksp 1/4 (2)	rough fracture surfaces.	78		4430		.04	.038				
					ser 1/4 (2) Ksp 1/4 (2)		50		4431		.05	.073				
					ser 1/4 (2) Ksp 1/4 (2)		84		4432		.08	.087				
					ser 1/4 (2) Ksp 1/4 (2)		93		4433		.065	.074				
					ser 1/4 (2) Ksp 1/4 (2)		80		4434		.09	.129				
					ser 1/4 (2) Ksp 1/4 (2)		79		4435		.075	.039				
					ser 1/4 (2) Ksp 1/4 (2)		86		4436		.055	.035				

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ENDAKO MINES

HOLE No. 5662

SHEET No. 11 Of 19

Otz.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Flag	K-Spec.	Mefc.	Texture	Hardness	Rock Name/ Appearance		Footage	L To Core Axis	Width of Vein	Envelopes (type)	Remarks	Fractures Frequency	Slickenside L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																		Core %	Sludge %	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combined																			
						WK-Kad. Alt'n. QM 716-717	716-717							60						4472			.485
						WK-Kad. Alt'n. QM 716-717	716-717							64						4473			.207
gray mns. 37	Hgr to green (buff)	H46	dk. gr. to gr.	course (w/lt)	H56	Mod. (Int.) Kad. Alt'n. QM -ksp. enrich. (bleaching)	716-720							727					4474			.345	
						WK-Kad. Alt'n. QM	720-740							65					4475			.03	
						WK-Kad. Alt'n. QM	740-750							77					4476			.035	
						WK-Kad. Alt'n. QM	750-770							75					4477			.08	
gray to mns. 47	buff to Hgr.	orange brown (buff)	dk. gr. to H5	course (w/lt)	H6	WK-Kad. Alt'n. QM	770-780							76					4478			.02	
						WK-Kad. Alt'n. QM	780-790							56					4479			.02	
						WK-Kad. Alt'n. QM	790-800							77					4480			.050	

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ENDAKO MINES

HOLE No. S662
SHEET No. 13 Of 19

D.I.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Plog	K-Spar.	Mafic.	Texture		Hardness	L To Core Axis		Width of Vein	Envelopes (type)	Remarks	Frequency	R O D	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number			
																Core %	Sludge %	Core	Sludge	Core	Sludge
					DFP dyke WK Kant. AHZ GM DFP dyke.												4486				
																	.015	.019			
																	4487				
																	.03	.054			
H7																	4488				
																	.05	.086			
																	4489				
																	.075	.118			
																	4490				
																	.05	.075			
																	4491				
																	.045	.056			
																	4492				
																	.02	.049			

SECTION _____ ENDAKO MINES

HOLE No. 5662
SHEET No. 15 Of 19

DIT.	ROCK TYPES			ALTERATION			GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS			
	Pkg	K-Spar.	Molte.	Texture	Hardness	Rock Name/ Appearance					Weight in Grams		Sample Number		% MoS ₂	
											Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combined												
med to dk. gr.	red orange brown	dk. gr. to dk. red	coarse - stringy mottled	H4-6	Mod. Kaol. Alt'n. QM	1000	1000	47	997	4500						
med gr. to H. gr. brown	orange brown buff to lt. gr.	dk. gr. to gr.	coarse - mottled	H5-6	Wk. (Mod) Kaol. Alt'n. QM	1000	1000	73	1007	4501			.174			
H7	H4-6	rind. H4-6				1010	1010	58	1017	4502			.031			
						1020	1020	65	1027	4503			.123			
						1030	1030	58	1037	4504			.044			
						1040	1040	66	1047	4505			.049			
						1050	1050	11	1057	4506			.059			
						1060	1060			4507			.087			

SECTION _____ ENDAKO MINES

Q.T.S.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS											
	Plag	K-Spar.	Mafic.	Texture		Hardness	Rock Name/ Appearance		L To Core Axis	Width of Vein	Frequency	Slickenside L To Core Axis	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂							
																Core	Sludge	Core	Sludge	Core	Sludge	Estimated Grade	Combined				
						QFP cont.																					
						1067	mo, shor, cy, cal, ser, kaol (ms) ser; bad, ser, mo, cy, em.		Crackles bx through dyke interval - ser, cal, kaol. v. fractured rubble.			28						4507									
174	buff	red-orange	dk. gr to green	coarse outflow	1067	Shor: basalt; dka; chl, cal; Mod-Int. Kaol. All' QM		V. dx. flat br. w. lower (stained) mo. (minerals) in situ.				1067						↑	.085			.12					
H7		H5-6	H4-5	H5-6	1070	shor: cal, kaol, chl, mo (ms); dka; basalt; dka: chl, cal; shor: kaol, chl, ser, cal. (s)					53							4508									
						1080	kaol, cal, ser, chl (ms) ser; cal (hale, chl)	Ksp. Ya.				1077							↑	.07			.104				
						1090	shor: kaol, chl, cal, ser; gsm; chl (basalt/kaol?) shor: ser, ser, kaol, gsm					46							↓?	.085			.115				
						1100	kaol, ser kaol, ser gsm (ms); kaol ser. mo: cal; unrefined w/ kaol, chl, ser, crackle. chl, kaol (ms) cl, kaol, ser, mo (ms) cal: kaol.	Ksp.?	1/2-1" mo (cal).			50							↑	.15			.254				
						1110	gsm cl; Basalt, gsm, cy gsm: (kaol) gsm s; mo; shor: talc, ser g; mo (ser) corp. g (ser) mo, ser, cal. Sh: kaol, (ms)					30											4511				.078
						1120	mo (ms) shor (s) mo shor (s) cal mo: cal. shor: kaol, ser (ms); gsm; ser.					50											4512				.041
						1130	kaol, chl mo tal: ser gsm (ms) cl, kaol ser (tal); mo Cal (chl); mo, kaol Basalt Basalt (ser, cal)					48											4513				.058
						1140																	4514				

SECTION

ENDAKO MINES

HOLE No. 5662
SHEET No. 18 Of 19

ROCK TYPES		ALTERATION		GRAPHIC LOG (Scale 1" = 20')	MINERALIZATION		STRUCTURES		ROCK QUALITIES						RECOVERY		ASSAY RESULTS		
Qtz.	Plag	K-Spar	Biotite		Texture	Hardness	Rock Name/ Appearance	Envelopes (Type)	Remarks	Fractures	Stickiness	R O D	Footage Block	Specific Gravity	Core %	Mudde %	Sample Number	% MoS ₂	
Gray to red of trans.	Buff to lt gr.	Orange brown (buff rinds)	Dark to green		Coarse (mottled)					L to core	L to core				Core	Sludge	Core	Sludge	Combined
						<u>Wk (Fresh) Kaol. AH'd QM</u> (Int. of mod. AH'd QM)										4521	.03	.044	
																4522	.02	.029	
						<u>mod. Kaol. alt'n QM.</u> moderate shear										4523	.075	.178	
						<u>mod. int. Kaol. alt'n.</u> prominent shear										4524		.068	
						<u>mod. Kaol. alt'n QM</u> mod. to prom. shear										4525		.078	
																4526	.08	.078	
																4527	.015	.044	
																4527	.04	.044	

SECTION _____

ENDAKO MINES

HOLE No. 5662
SHEET No. 19 of 19

DIT	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS										
	Plg	X-Spar.	Mefc.	Texture				Hardness	Rock Name/ Appearance	L To Core Axis	Width of Vein	Mineralization / Fouling (Type)	Envelope (Type)	Remarks	Fractures Frequency	Slackable L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
	4+	H4-5	H3-4	course (matted)				HS-7	cont.											Core	Sludge	Core	Sludge	Core	Sludge
	77	H4-5	H3-4					HS-7	1275											%	%	% MoS ₂	% MoS ₂	Combined	
easy to break	lt gr. buff	orange (red) brown	dk gr. to green			Mod.-Int. Keol. Alti (M)	1270	1/8	ser, keol, mo, cal				rough fracture surfaces		56			4528							
						Ksp. enrich. (mod. alti) prominent shear	1280	1/8	breccia: cly, keol, cly, keol, cal, qz, chl, mo (z)						1277			.05				.033			
						Ksp. enrich./ex chl, cal	1282.5' 1284.5'	1/8	keol, cal, cly, qz, mo, br, jaltin - ksp, chl, cal.		crackle br' + assoc. mod keol alti thrust int.				65			4529							
							1290	1/8	qz, mo, ser, cly, cal, chl, py, cal, ser, cal		Ksp 3"				1287			.07				.079			
							1300	1/8	py, cal, ser, br, qz, cal, cal						73			4530							
							1307	1/8	cal, cal (4), cal, ser (table)						1297			.01				.008			
						E.O.H.	1307	1/8	cal, keol, cal, br, qz, keol, ser, calcite, cal (g)		Ksp Va-Vb				92			4531							
															1307			.015				.021			

SECTION 9400

ENDAKO MINES

HOLE No. 3463SHEET No. 01 Of 16

LOCATION ENDAKO SOUTHWALL BEARING _____ LATITUDE 29880.63 CORE SIZE NG LOGGED BY PJM
 DATE COLLARED Oct 30/89 LENGTH 1097' DEPARTURE 26628.03 SCALE OF LOG 1"=10' DATE JAN 12 TO JAN 18, 1990
 DATE COMPLETED Nov 2/89 DIP -98 ELEVATION 3399.07 REMARKS _____

Dls.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY		RESULTS						
	Pisg.	K-Spr.	Mefk.	Texture	Hardness	Rock Name/ Appearance		L To Core Aht	Width of Vein	Mineralization/ Fossiliferous (Type)	Envelopes (Type)	Remarks	Fractures Frequency	Slickenside L To Core Aht	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂					
																		Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge		
						0-20' CASING NO CORE RECOVERED																					
H7	buff (H-gr)	orange laminar (buff)	H4 H4-5	Coarse (laminar)	H67	WK (Unalt.) Keol. Alt. QM	20	1/4-1/8 (s)	22-pp (hemomag) hbk, sur 22-pp (long) sur 1/4 (s) (hem)	sur 1/4-1/8 sur 1/4-1/8	- core v. rubby 20-22'																
							30	1/4-1/8, 1/2 1/4 (s) 1/4 (s)	22-pp (hemomag) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 sur 1/4-1/8			55								4532						
							40	1/4-1/8 1/4 (s) 1/4 (s)	22-pp (hemomag) hbk, sur (carb?) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 (s) sur 1/4-1/8 sur 1/4			8								4533						
							50	1/4-1/8 1/4 (s) 1/4 (s)	22-pp (hemomag) hbk, sur (carb?) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 (s) sur 1/4-1/8 sur 1/4			37								4534						
							60	1/4-1/8 1/4 (s) 1/4 (s)	22-pp (hemomag) hbk, sur (carb?) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 sur 1/4-1/8 sur 1/4			68								4535						
							70	1/4-1/8 1/4 (s) 1/4 (s)	22-pp (hemomag) hbk, sur (carb?) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 sur 1/4-1/8 sur 1/4			47								4536						
							80	1/4-1/8 1/4 (s) 1/4 (s)	22-pp (hemomag) hbk, sur (carb?) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 sur 1/4-1/8 sur 1/4			40								4537						
							90	1/4-1/8 1/4 (s) 1/4 (s)	22-pp (hemomag) hbk, sur (carb?) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 sur 1/4-1/8 sur 1/4			57								4538						
							100	1/4-1/8 1/4 (s) 1/4 (s)	22-pp (hemomag) hbk, sur (carb?) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 sur 1/4-1/8 sur 1/4			38								4539						
							110	1/4-1/8 1/4 (s) 1/4 (s)	22-pp (hemomag) hbk, sur (carb?) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 sur 1/4-1/8 sur 1/4			67								4540						
							120	1/4-1/8 1/4 (s) 1/4 (s)	22-pp (hemomag) hbk, sur (carb?) 22-pp (long) sur 1/4 (s) (hem) 22-pp (long) sur 1/4 (s) (hem)	sur 1/4 sur 1/4-1/8 sur 1/4											4541						

Paul Buckley P. Eng

SECTION _____ ENDAKO MINES

Q12	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Plas	K-Spar.	Mafic.	Texture	Hardness		Rock Name/ Appearance	Mineralization/ Faulting (Type)	Structures		Envelopes (Type)	Fractures		Stickenside 4 To Core Ash	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
												4 To core	Frequency					Core	Sludge	Core	Sludge	Core	Sludge
						Wk. (Unalt.) Kaol. AH'd. QM cont.	70	100	Ser Y6(10) Ksp Y6-V6 Ksp Y6 Ksp Y6-V6 ser Y6 Ksp Y6-V6									4537					
						mod. Kaol. alt'n.	80	100	ser Y6(2) ser Ser Y6-V6(12)									4538					
						mod. Kaol. alt'n. moderate shear.	90	100	ser Y6 Ksp Y6 Ksp Y6-V6 ser Y6 Ksp Y6-V6 ser Y6									4539					
						v. minor basalt dyke mod. Kaol. alt'n. QM	100	100	ser Y6 Ksp Y6 Ksp Y6-V6 ser Y6 Ksp Y6-V6 ser Y6									4540					
						Wk. - Mod. Kaol. AH'd. QM	110	100	ser Y6 Ksp Y6 Ksp Y6-V6 ser Y6 Ksp Y6-V6 ser Y6										4541				
						HS-6(1) mod. shear	120	100	ser Y6 Ksp Y6 Ksp Y6-V6 ser Y6 Ksp Y6-V6 ser Y6										4542				
							130	100	ser Y6 Ksp Y6 Ksp Y6-V6 ser Y6 Ksp Y6-V6 ser Y6										4543				
							140	100	ser Y6 Ksp Y6 Ksp Y6-V6 ser Y6 Ksp Y6-V6 ser Y6										4544				

SECTION _____ ENDAKO MINES

Dtz.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS									
	Plag.	K-Spr.	Mofc.	Texture	Hardness						Rock Name/ Appearance	L To Core Axis	Width of Vein	Mineralization/ Faulting (type)	Envelopes (type)	Remarks	Weight in Grams		Sample Number		% MoS ₂	
																	Core %	Sludge %	Core	Sludge	Core	Sludge
L To Core	Frequency	Stickenside L To Core	R O D	Footage Blocks	Specific Gravity	Core %	Sludge %	% MoS ₂	% MoS ₂	Combed												
					Wk-Med. Kald. AH-QM	70(15) 70(20) 70(25) 70(30) 70(35) 70(40) 70(45) 70(50) 70(55) 70(60)	1/4-Vs(15) 1/4-Vs(20) 1/4-Vs(25) 1/4-Vs(30) 1/4-Vs(35) 1/4-Vs(40) 1/4-Vs(45) 1/4-Vs(50) 1/4-Vs(55) 1/4-Vs(60)	2-3 mm (hem) S 2-4 mm 2-5 mm (hem) 2-6 mm (hem) 2-7 mm (hem) 2-8 mm (hem) 2-9 mm (hem) 2-10 mm (hem) 2-11 mm (hem) 2-12 mm (hem)	discomp to 1-2%	Ksp V4 Ksp V8 Ksp V16 V4 Ksp V8 (S)	2" Fin shear - Kald, ch, var (cal) 148.5-150" Core - broken; rubble	40	147	4544	.075	.115						
					mod-int. Kald. att. S	70(18) 70(22) 70(26) 70(30) 70(34) 70(38) 70(42) 70(46) 70(50) 70(54)	1/4-Vs(18) 1/4-Vs(22) 1/4-Vs(26) 1/4-Vs(30) 1/4-Vs(34) 1/4-Vs(38) 1/4-Vs(42) 1/4-Vs(46) 1/4-Vs(50) 1/4-Vs(54)	2-3 mm (hem) S 2-4 mm (hem) S 2-5 mm (hem) S 2-6 mm (hem) S 2-7 mm (hem) S 2-8 mm (hem) S 2-9 mm (hem) S 2-10 mm (hem) S 2-11 mm (hem) S 2-12 mm (hem) S		Ksp V8 (S)	smooth 40" on m.	22	157	4545	.03	.020						
					Med. Kald. AH-QM	70(20) 70(25) 70(30) 70(35) 70(40) 70(45) 70(50) 70(55) 70(60)	1/4-Vs(20) 1/4-Vs(25) 1/4-Vs(30) 1/4-Vs(35) 1/4-Vs(40) 1/4-Vs(45) 1/4-Vs(50) 1/4-Vs(55) 1/4-Vs(60)	2-3 mm (hem) S 2-4 mm (hem) S 2-5 mm (hem) S 2-6 mm (hem) S 2-7 mm (hem) S 2-8 mm (hem) S 2-9 mm (hem) S 2-10 mm (hem) S 2-11 mm (hem) S 2-12 mm (hem) S		Ksp V16 V4 (S)		41	167	4546	.035	.021						
grey to brown	buff to H. gr.	orange to buff	blk. to buff green (red)	consp. (H&S)	Med. Kald. AH-QM	70(22) 70(27) 70(32) 70(37) 70(42) 70(47) 70(52) 70(57) 70(62)	1/4-Vs(22) 1/4-Vs(27) 1/4-Vs(32) 1/4-Vs(37) 1/4-Vs(42) 1/4-Vs(47) 1/4-Vs(52) 1/4-Vs(57) 1/4-Vs(62)	2-3 mm (hem) S 2-4 mm (hem) S 2-5 mm (hem) S 2-6 mm (hem) S 2-7 mm (hem) S 2-8 mm (hem) S 2-9 mm (hem) S 2-10 mm (hem) S 2-11 mm (hem) S 2-12 mm (hem) S		Ksp V8 Ksp V16 V4 (S) Ksp V8 (S)		47		4547	.035	.021						
H7	H3-4	H4-6	H4-5		prom. shear - 171-172'	70(24) 70(29) 70(34) 70(39) 70(44) 70(49) 70(54) 70(59) 70(64)	1/4-Vs(24) 1/4-Vs(29) 1/4-Vs(34) 1/4-Vs(39) 1/4-Vs(44) 1/4-Vs(49) 1/4-Vs(54) 1/4-Vs(59) 1/4-Vs(64)	2-3 mm (hem) S 2-4 mm (hem) S 2-5 mm (hem) S 2-6 mm (hem) S 2-7 mm (hem) S 2-8 mm (hem) S 2-9 mm (hem) S 2-10 mm (hem) S 2-11 mm (hem) S 2-12 mm (hem) S		Ksp V8 Ksp V16 V4 (S)		42	177	4547	.025	.048						
						70(26) 70(31) 70(36) 70(41) 70(46) 70(51) 70(56) 70(61)	1/4-Vs(26) 1/4-Vs(31) 1/4-Vs(36) 1/4-Vs(41) 1/4-Vs(46) 1/4-Vs(51) 1/4-Vs(56) 1/4-Vs(61)	2-3 mm (hem) S 2-4 mm (hem) S 2-5 mm (hem) S 2-6 mm (hem) S 2-7 mm (hem) S 2-8 mm (hem) S 2-9 mm (hem) S 2-10 mm (hem) S 2-11 mm (hem) S 2-12 mm (hem) S		Ksp V8 Ksp V16 V4 (S) Ksp V8 (S)		57	187	4548	.03	.025						
					mod. shear - 193.5	70(28) 70(33) 70(38) 70(43) 70(48) 70(53) 70(58) 70(63)	1/4-Vs(28) 1/4-Vs(33) 1/4-Vs(38) 1/4-Vs(43) 1/4-Vs(48) 1/4-Vs(53) 1/4-Vs(58) 1/4-Vs(63)	2-3 mm (hem) S 2-4 mm (hem) S 2-5 mm (hem) S 2-6 mm (hem) S 2-7 mm (hem) S 2-8 mm (hem) S 2-9 mm (hem) S 2-10 mm (hem) S 2-11 mm (hem) S 2-12 mm (hem) S		Ksp V16 V4 (S)		50	197	4549	.02	.022						
						70(30) 70(35) 70(40) 70(45) 70(50) 70(55) 70(60)	1/4-Vs(30) 1/4-Vs(35) 1/4-Vs(40) 1/4-Vs(45) 1/4-Vs(50) 1/4-Vs(55) 1/4-Vs(60)	2-3 mm (hem) S 2-4 mm (hem) S 2-5 mm (hem) S 2-6 mm (hem) S 2-7 mm (hem) S 2-8 mm (hem) S 2-9 mm (hem) S 2-10 mm (hem) S 2-11 mm (hem) S 2-12 mm (hem) S		Ksp V8 Ksp V16 V4 (S) Ksp V8 (S)		63	207	4550	.02	.021						
grey to buff to brown	H7	H3-6	H5-6		Wk (Med) Kald. AH-QM	70(32) 70(37) 70(42) 70(47) 70(52) 70(57) 70(62)	1/4-Vs(32) 1/4-Vs(37) 1/4-Vs(42) 1/4-Vs(47) 1/4-Vs(52) 1/4-Vs(57) 1/4-Vs(62)	2-3 mm (hem) S 2-4 mm (hem) S 2-5 mm (hem) S 2-6 mm (hem) S 2-7 mm (hem) S 2-8 mm (hem) S 2-9 mm (hem) S 2-10 mm (hem) S 2-11 mm (hem) S 2-12 mm (hem) S		Ksp V8 Ksp V16 V4 (S) Ksp V8 (S)		63	207	4550	.02	.021						

SECTION _____

ENDAKO MINES

HOLE No. 2663
SHEET No. 06 Of 16

Core	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
	Plag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance		Mineralization / Faulting Type	Structures	Remarks	Fractures	Stickens	R O D	Footage Block	Specific Gravity	Core %	Sludge %	Sample Number	% MoS ₂		
	H ₂ O	H ₂ O	H ₂ O								Frequency	L To Core Axis						Core	Sludge		
	H ₂ O	H ₂ O	H ₂ O															Estimated Grade	Core Sludge		Combined
417	H ₂ O	H ₂ O	H ₂ O			Wk. - Mod. Keel. Alt. A.M. cont.											4565		.036		
367	H ₂ O	H ₂ O	H ₂ O														.02		.029		
377	H ₂ O	H ₂ O	H ₂ O														.04		.033		
387	H ₂ O	H ₂ O	H ₂ O														.04		.069		
397	H ₂ O	H ₂ O	H ₂ O														.035		.050		
407	H ₂ O	H ₂ O	H ₂ O														.03		.025		
417	H ₂ O	H ₂ O	H ₂ O														.025		.022		

HOLE No. 5663
SHEET No. 08 Of 16

SECTION _____ ENDAKO MINES

ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
Qtz.	Plag.	K-Spar.	Mafic.				Texture	Hardness	Rock Name/ Appearance	Preasures	Stickends	ROD	Footage Blocks	Specific Gravity	Weight in Grams	Sample Number	% Meq ₂
							Frequency	To Core L To AXIS				Core %	Mudge %	Core	Sludge	Core	Sludge
												%	%	Estimated Grade	Grade	Combined	
												% MoS ₂	% MoS ₂	% MoS ₂	% MoS ₂	Combined	
gry crystal	H. gr. to gran	H. horn by buff.	dk. gr. to green.	coarse mottled	H5	Med. Kaol. Alt. G.M.								4579			
H6-7	H2-4	H4	H3-4			int. kaol. alt. 497			42								
										497				.02			.043
														4580			
									54								
										507				.025			.020
						1" apite dyke.	512.5'							4581			
							516.5'										
							517'							.03			.024
						apite dyke 521-521.5'								4582			
														.035			.046
														4583			
														.05			.025
														4584			
														.05			.089
														4585			
														.015			.056

SECTION _____ ENDAKO MINES

Qtz	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Flag	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance		Footage Structure	L To Core Axis	Width of Vein	Mineralization/ Faulting (type)		Envelope (type)	L To core	Frequency	Slickenside L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																				Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combed																					
17	HS	orange brown (buff)	dk. blk. dk. gr.	coarse	H57	Wk. (Mod.) Ksat. Alt. Gm. (unfilled)	70-90 80 90 100	1/16 1/8 1/4 1/2	gssano (low) molyb Bz bor g (2) gssano gssano gssano (carb) gssano gssano	Ksp Yb Ksp Yb-1/8 Ksp Yb-1/8		55 57	507					4586				.046			
						1" apite dyke 572'	70 80 90 100	1/16 1/8 1/4 1/2	gssano (2) bor g apite dyke bor g hole, Ksat. apite dyke bor g gssano	Ksp Yb Ksp Yb-1/8		59	577					4587				.040			
						apite dyke. 585.5'-586'	70 80 90 100	1/16 1/8 1/4 1/2	bor g gssano; Ksat. ch ch, Ksat. Ksp apite dyke gssano gssano gssano	Ksp Yb-1/8 Ksp Yb Ksp Yb		88	587					4588				.019			
							70 80 90 100	1/16 1/8 1/4 1/2	gssano (2) bor g gssano (2) gssano gssano gssano	Ksp Yb-1/8 Ksp Yb-1/8 Ksp Yb-1/8		83	577					4589				.052			
							70 80 90 100	1/16 1/8 1/4 1/2	gssano (2) bor g gssano (2) gssano gssano gssano	Ksp Yb Ksp Yb Ksp Yb		63						4590				.017			
							70 80 90 100	1/16 1/8 1/4 1/2	gssano gssano gssano gssano gssano	Ksp Yb Ksp Yb Ksp Yb		70	607					4591				.019			
							70 80 90 100	1/16 1/8 1/4 1/2	gssano gssano gssano gssano gssano	Ksp Yb Ksp Yb Ksp Yb		73						4592				.016			
							70 80 90 100	1/16 1/8 1/4 1/2	gssano gssano gssano gssano gssano	Ksp Yb Ksp Yb Ksp Yb		627						4593				.015			

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SHEET No. 10 Of 16

SECTION _____ ENDAKO MINES

D.T.	ROCK TYPES		ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS									
	Plog	K-Spar.					Mafic.	Texture	Hardness	Rock Name/ Appearance	Footage	L To Core Axis	Frequency	Stickenside L To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																		Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combed																			
grey red. sp. transl H-7	buff grey to H-gr. H-4.6	orange brown (buff) H-5.6	blk. to dk. gr. H-5	coarse	H-6.7	Mod. Kal. Alkn. Qm. (fresh)	649'	10 20 30 40 50 60 70 80 90 100	10 20 30 40 50 60 70 80 90 100	rough fracture surfaces.	73					4593							
							649'	10 20 30 40 50 60 70 80 90 100			70					4594			.011				
							649'	10 20 30 40 50 60 70 80 90 100			647					4595			.040				
							649'	10 20 30 40 50 60 70 80 90 100			55					4595			.02				
							649'	10 20 30 40 50 60 70 80 90 100			657					4595			.02				
							649'	10 20 30 40 50 60 70 80 90 100			51					4596			.011				
							649'	10 20 30 40 50 60 70 80 90 100			667					4596			.05				
							649'	10 20 30 40 50 60 70 80 90 100			59					4597			.033				
							649'	10 20 30 40 50 60 70 80 90 100			677					4597			.025				
							649'	10 20 30 40 50 60 70 80 90 100			60					4598			.035				
							649'	10 20 30 40 50 60 70 80 90 100			687					4598			.03				
							649'	10 20 30 40 50 60 70 80 90 100			53					4599			.018				
grey H-7	H-gr. to buff. H-5.4	H-brown pink buff. H-5.4	blk. to dk. gr. H-5.4	coarse (walled)	H-5.6	Mod. Kal. Alkn. Qm.	645'	10 20 30 40 50 60 70 80 90 100			697					4599			.025				

SECTION _____ ENDAKO MINES

D.T.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Frag.	K-Spar.	Mafic.	Texture		Hardness	Width of Vein	Mineralization / Faulting (type)	Emplacement (type)		Frequency	Stickends L To Core	R.O.D.	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	% MoS ₂	% MoS ₂																
H7	H2-5	H4-6	H3-4	Coarse mottled	H4-6	1/8 1/16 1/8 1/16 1/8 1/16	Kaol, ser. gypsum, quartz magnetite lead, talc, ser. barite, kaol (2)	Ksp 1/8	0 10 20 30 40 50 60 70 80 90	rough fracture surfaces	68	847			4614		.025	.048			
						1/16 1/8 1/16 1/8 1/16	gypsum magnetite clear kaol, talc, ser (cl); barite ser g cl, talc, ser, kaol gypsum	Ksp 1/8-1/4	0 10 20 30 40 50 60 70 80 90		58	857			4615		.04	.040			
						1/16 1/8 1/16	cl, ser, talc gypsum kaol, talc (cl)		0 10 20 30 40 50 60 70 80 90		44			4616							
						1/16 1/8 1/16	kaol, ser, talc gypsum cl, talc, ser, carb. gypsum		0 10 20 30 40 50 60 70 80 90	* smooth of cl, ser.	867			4617		.055	.066				
						1/16 1/8 1/16	gypsum (fine) (2)		0 10 20 30 40 50 60 70 80 90	* smooth of kaol, ser, talc. rough fracture surfaces	55	877			4618		.01	.027			
						1/16 1/8 1/16	gypsum (fine) (2)	Ksp 1/8	0 10 20 30 40 50 60 70 80 90		44			4619		.08	.079				
						1/16 1/8 1/16	cl, talc, ser cl, talc, carb, ser, kaol ser g	Ksp 1/8-1/4 Ksp 1/8	0 10 20 30 40 50 60 70 80 90		48			4620		.035	.055				
						1/16 1/8 1/16	cl, talc, ser gypsum (fine) (2)	Ksp 1/8 (2)	0 10 20 30 40 50 60 70 80 90		50	907			4621		.025	.044			

SECTION _____ ENDAKO MINES

Q/Z	ROCK TYPES		ALTERATION		GRAPHIC LOG Footage ↓ To Core Axis	MINERALIZATION Width of Vein	STRUCTURES Envelopes (type)	ROCK QUALITIES Frequency Slickenside ↓ To Core Axis R.O.D. Footage Blocks Specific Gravity	RECOVERY		ASSAY RESULTS							
	Plug	W-Spr.	Mefc.	Texture					Hardness	Rock Name/Appearance	Weight in Grams		Sample Number		% MoS ₂			
													Core	Sludge	Core	Sludge	Core	Sludge
					100' Mod. Keel All. Q.M. cont													
					70 (4)	1/8; hl		61			4621							
					72.5'						↑			.241				
					92.5'						.15							
					aplite dyke			75			4622							
					aplite dyke						.06			.048				
					93.10						4623							
					93.20						.06			.049				
					93.30						4624							
					93.40						.08			.033				
					93.50						4625							
					93.60						.03			.042				
					93.70						4626							
					93.80						.05			.033				
					93.90						4627							
					94.00						.10			.056				

SECTION _____

ENDAKO MINES

HOLE No. 5633
SHEET No. 16 Of 16

Qtz.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES					ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Plog	K-Spar.	Mafic.	Texture	Hardness		Rock Name/ Appearance	L To Core Axis 1050	Width of Vain	Mineralization/ Faulting (Type)	Envelopes (Type)	Remarks	L to core	Frequency	Sticks/Slide L To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																			Core	Sludge	Core	Sludge	Core	Sludge	Combined
						Mod. Kaol. Al'n. Qm cont.	1050	1/8 (2)	chl, sur, talc (2) chl + talc, kaol. cal (6-)	lsp 1/8-1/4										4635					
							1060	1/4, 1/8-1/4	slens: chy, qz, talc, sur smp (2); lead chy; sur, talc (2)						69	1057					.03		.026		
						.25' dyke prominent shear .3' dyke	1063.5 1069.2	1/4, 1/8-1/4	carb; kaol, chy, chl, talc, sur. qz (m) cal, chl, chy, kaol chy, kaol, sur, talc my, chy, talc, sur (slens) - basal. qz, talc, chl, kaol, chy (basal) chl, talc, sur cal slens: qz, chy (conf) smp (1)	Ksp 1/8	3' (m) chy - chl + talc (m) basal										4636				
							1070	1/4, 1/8-1/4	chl, kaol, sur qz (cal)	Ksp 1/8											1?		.305		
							1080	1/4, 1/8-1/4	chl, kaol, sur qz (cal) gsmo; carb.	Ksp 1/8											4637				
							1090	1/4, 1/8-1/4	slens: chy, qz, cal (m) gsmo sur + talc; chl, sur, talc.												.08		.057		
							1097	1/4, 1/8-1/4	lead, chy, sur, talc (2) lead, mo (sp) gsmo chl, chy, cal.												4638				
							1097	1/4, 1/8-1/4	gsmo sur + talc chl, chy, cal	Ksp 1/8											.03		.055		
							1097	1/4, 1/8-1/4	gsmo kaol, chy, chl kaol, chl, chy gsmo slens?												4639				
							1097	1/4, 1/8-1/4	chl, chy, cal												.01		.023		

SECTION 9100

ENDAKO MINES

HOLE No. S664
SHEET No. 1 of 11

LOCATION Southwall, Endako Pit BEARING Collar = 126° E.P.H. = 135° LATITUDE 29914.52 CORE SIZE NQ LOGGED BY PIERCE MAHEUX
DATE COLLARED Nov. 02, 1989 LENGTH 745' DEPARTURE 26286.12 SCALE OF LOG 1" = 10' DATE Nov. 06 - Nov. 16, 1989
DATE COMPLETED Nov. 09, 1989 DIP Collar = -67 E.P.H. = -66° ELEVATION 3395.405 REMARKS _____

Dls.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Footage STRUCTURE	MINERALIZATION		STRUCTURES	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS					
	Flag	K-Spec.	Mefc.	Texture	Hardness			L To Core A AS	Width of Vein			Mineralization/ Footing (type)	Envelopes (type)	Fractures Frequency	Slickenside L To Core Ass.	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
																			Core	Sludge	Estimated	Grade	Core	Sludge	Core	Sludge

Paul Buckley P. Eng

SECTION 9100

ENDAKO MINES

HOLE No. 5664
SHEET No. 2 Of 11

D.T.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Flag	W-Sgr.	Mark.	Texture				Hardness	Rock Name/ Appearance	Fractures	Slicability	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
															Core	Sludge	Core	Sludge	Core	Sludge
					63.4 61.5	Wk. Kool. Alt'n QM cont. Mod. Kool. Alt'n	py (s), Kool. 1-2% Chl. Kool. ser. 22 py (s) 1-2% py (s), Cal. 22 py (s) 1-2% py (s) 22 py (s) 1-2%	ser 1/2-3/8								1552				
							py (s) 22 py (s) 1-2% py (s), Cal. 22 py (s) 1-2% py (s) 22 py (s) 1-2%	ser 1/2-3/8					95.1			.025			.011	
							py (s) 22 py (s) 1-2% py (s), Cal. 22 py (s) 1-2% py (s) 22 py (s) 1-2%	ser 1/2-3/8					95.6			.03			.01	
							py (s) 22 py (s) 1-2% py (s), Cal. 22 py (s) 1-2% py (s) 22 py (s) 1-2%	ser 1/2-3/8					97.0			.05			.037	
							py (s) 22 py (s) 1-2% py (s), Cal. 22 py (s) 1-2% py (s) 22 py (s) 1-2%	ser 1/2-3/8					100.4			.05			.014	
							py (s) 22 py (s) 1-2% py (s), Cal. 22 py (s) 1-2% py (s) 22 py (s) 1-2%	ser 1/2-3/8					97.0			.025			.008	
grey to grey transl	H3-H4	orange red- brown buff	H4	mottled appar.	H5	Mod. Int. Kool. Alt'n	py (s) 22 py (s) 1-2% py (s), Cal. 22 py (s) 1-2% py (s) 22 py (s) 1-2%	ser 1/2-3/8					99.2			.02			.01	
						Wk. (Fresh) Kool. Alt'n QM	py (s) 22 py (s) 1-2% py (s), Cal. 22 py (s) 1-2% py (s) 22 py (s) 1-2%	ser 1/2-3/8					97.5			.025			.018	

SECTION 9100

ENDAKO MINES

HOLE No. 5664
SHEET No. 3 of 11

Q17	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Frag	K-Spec.	Metf.	Texture	Hardness		Rock Name / Appearance	L To Core Axis	Width of Vein	Mineralization / Faulting (type)	Envelopes (type)	Remarks	Fractures Frequency	Slickenside L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% Me ₂ S	
																		Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combined																			
						Wk. (Fresh) Kool. AH'n cont. 133.2'	130	1/2-3/4 (s)	5% dissem. pyrite	ser 1/2 to 1/4	1" quartz vein; mod. alt'n in med. Fw. below of this vein.			80	137		106.7		1559		.01	.007	
						Mod. (Int) Kool. AH'n. 146.1'	140	1/2-3/4 (s)	5% dissem. pyrite	ser 1/2 to 1/4	Wk. bit'n. 6' other side of minor shear.			68	147		101.5				.025	.014	
						Wk. Mod. Kool. AH'n. 159.5'	150	1/2-3/4 (s)	5% dissem. pyrite	ser 1/2 to 1/4	1" quartz (py, sec) vein.			73	157		97.7				.025	.011	
						Wk. to mod. brn. veing. 163.2'	160	1/2-3/4 (s)	py dissem. 2-3%	ser 1/2 to 1/4	Keper enrichment.			77	167		99.0				.02	.01	
						Wk. (Fresh) Kool. AH'n. OM. 171.5'	170	1/2-3/4 (s)	dissem. py 1-3%	ser 1/2 to 1/4				85	177		98.7				.01	.013	
						Wk. Mod. Kool. AH'n. OM. 191.5'	180	1/2-3/4 (s)	5% dissem. pyrite	ser 1/2 to 1/4				85	187		106.4				.01	.01	
						Wk. Mod. Kool. AH'n. OM. 193.5'	190	1/2-3/4 (s)	5% dissem. pyrite	ser 1/2 to 1/4				86	197		97.9				.01	.014	

SECTION 9100

ENDAKO MINES

HOLE No. 5664
SHEET No. 4 Of 11

Qtz	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Prog.	K-Spar.	Mofc.	Texture				Hardness	Rock Name/Appearance	Footage	Width of Vein	Mineralization/Faulting (type)	Envelope (type)	Remarks	Fractures	Slitcable	R O D	Footage Blocks	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	
										L To Core Axis					L To Core Axis					Core	Sludge	Core	Sludge
						200						Frequency					%	%	% MoS ₂	% MoS ₂			
						Wk (Fresh) Kald. Alt. QM (cont) 203.8 moderate shear.	204.8	70-70(1); 70 70(2)	12-20% ch; cad 22-24 carb (Fe) chl + scab. no g2 + mose; no carb.	1-2% disse py	crackles betn carb & scab + 2 thrust shear									1566			
							210	70-70(1) 70(2) 70-70(1) 70(2)										95.3	.02		.027		
							220	70-70(1) 70(2) 70-70(1) 70(2)											1567				
							230	70-70(1) 70(2) 70-70(1) 70(2)											1568				
							240	70-70(1) 70(2) 70-70(1) 70(2)											1569				
						(Mod) Int Kald. Alt. QM mod to intense brecciation thru interval.	245.5	70-70(1) 70(2) 70-70(1) 70(2)											1570				
						Wk. (Mod.) Kald. Alt. QM	251.5	70-70(1) 70(2) 70-70(1) 70(2)											1571				
						mod. shear / Ill gg mod (int) Kald. Alt. QM	257.8	70-70(1) 70(2) 70-70(1) 70(2)											1572				
							260	70-70(1) 70(2) 70-70(1) 70(2)											1573				
							270	70-70(1) 70(2) 70-70(1) 70(2)											1574				

SECTION 9100

ENDAKO MINES

Qtz	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Plug	K-Spar.	Matrix	Texture		Hardness	Rock Name/ Appearance	Width of Vein	Mineralization/ Faulting (type)		Envelope (type)	Fractures	Stickenside	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
	Core	Sludge	Core	Sludge		Core	Sludge	Core	Sludge		Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6	Wk. Mod. Kool. Alt. QM	272'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)			rough fracture surfaces		274				1573					
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6	Mod. (Int.) Kool. Alt. QM	277.6'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					277			102.6	.03		.019			
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6	v. gradational	280'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					287			97.3	.07		.062			
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6	Wk. Kool. Alt. QM (Fresh)	280'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					287			97.3	.07		.062			
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6		270'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					287			1573						
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6		270'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					297			99.6	.015		.019			
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6	Mod. Kool. Alt. QM	305.2'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					307			1576						
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6		307'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					307			96.9	.015		.010			
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6	Kspar enrichment	311'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					317			1577						
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6		312'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					317			99.2	.015		.023			
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6		320'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					317			1578						
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6	prominent flt ggs	323.5'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					327			93.3	.015		.020			
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6		328.5'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					327			1579						
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6	mod. -lt. kool. alt. mod. fine thro interval	329.5'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					327			96.6	.015		.020			
37	H-4 buff red	buff red	blk to drg H-4-S	coarse	H5-6		329.7'	Cal (1) Cal (2) Cal (3) Cal (4) Cal (5) Cal (6) Cal (7) Cal (8) Cal (9) Cal (10) Cal (11) Cal (12) Cal (13) Cal (14) Cal (15) Cal (16) Cal (17) Cal (18) Cal (19) Cal (20)					337									

SECTION 9100

ENDAKO MINES

HOLE No. 5664

SHEET No. 6 Of 11

DIT	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Plug	K-Spar.	Mafic.	Texture	Hardness		Rock Name/ Appearance	Mineralization/ Fauiling (type)	Envelopes (type)	Remarks	To core	Frequency	Stickenside To Core Asis	ROD	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																	Core	Sludge	Core	Sludge	Core	Sludge	Combined
						Wk (Frosh) Kad. Alt. cont.							70	347		99.5		1580		.015		.018	
	buff grey to ll. gr.	buff orange to red- orange	dkgr to medgr. (ch) stake	course bottled		Wk to Med. Kad. Alt. (S) (50)							70	337		94.7		1581		.08		.083	
						Kapranachment							32	367		90.3		1582		.05		.031	
						major shear/fit biting kad. alt. centered on shear							37	377		101.4		1583		.045		.028	
													64	387		97.1		1584		.09		.044	
						med. int kad. alt.							57	397		97.8		1585		.05		.034	
						Wk to (Med.) Kad. Alt.							32	407		88.9		1586		.05		.037	

SECTION 9100

ENDAKO MINES

HOLE No. 5664
SHEET No. 7 of 11

OIL	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Plog	K-Spar.	Mefc.	Texture			Hardness	Rock Name/ Appearance	Fractures	Stick-slip	ROD	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
														Core	Sludge	Core	Sludge		Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combined																
					410	35-40 (1) m; 30-35 (2) m; 20-25 (4) m; 15-20 (5) m; 10-15 (6) m; 5-10 (7) m; 0-5 (8) m; 420	ser 3/4 (2) Kspar M; ser 3/4 + 1/4	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	rough fracture surfaces	50	47	97.1	.025	1587		.030				
					420	45 (1) m; 40 (2) m; 35 (3) m; 30 (4) m; 25 (5) m; 20 (6) m; 15 (7) m; 10 (8) m; 430	ser 3/4 (2) Kspar M; ser 3/4 + 1/4	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	426 lost core } Kspar enrich -LC at enrich int. -65°	36	427	82.5	.03	1588		.026				
					430	45 (1) m; 40 (2) m; 35 (3) m; 30 (4) m; 25 (5) m; 20 (6) m; 15 (7) m; 10 (8) m; 440	ser 3/4 (2) Kspar M; ser 3/4 + 1/4	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	57	431	101.3	.03	1589		.025					
					440	45 (1) m; 40 (2) m; 35 (3) m; 30 (4) m; 25 (5) m; 20 (6) m; 15 (7) m; 10 (8) m; 450	ser 3/4 (2) Kspar M; ser 3/4 + 1/4	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	* smooth ss on ch -70°	43	437	96.7	.04	1590		.014				
					450	45 (1) m; 40 (2) m; 35 (3) m; 30 (4) m; 25 (5) m; 20 (6) m; 15 (7) m; 10 (8) m; 460	ser 3/4 (2) Kspar M; ser 3/4 + 1/4	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	32	457	101.1	.04	1591		.014					
					460	45 (1) m; 40 (2) m; 35 (3) m; 30 (4) m; 25 (5) m; 20 (6) m; 15 (7) m; 10 (8) m; 470	ser 3/4 (2) Kspar M; ser 3/4 + 1/4	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	* smooth 30° on fl	31	467	90.3	.07	1592		.024				
					470	45 (1) m; 40 (2) m; 35 (3) m; 30 (4) m; 25 (5) m; 20 (6) m; 15 (7) m; 10 (8) m; 480	ser 3/4 (2) Kspar M; ser 3/4 + 1/4	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100	35	477	97.7	.045	1593		.031					

SECTION 9100

ENDAKO MINES

HOLE No. 5664
SHEET No. 10 of 11

ROCK TYPES & ALTERATION							GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY		RESULTS			
Qtz.	Plag	K-Spar.	Merlc.	Texture	Hardness	Rock Name/ Appearance		Footage	Mineralization/ Fouling (type)	Envelopes (type)	Remarks	Frequency	Silicified L to Core	R.O.D.	Footage Block	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂				
								L to Core Axis	Width of Vain			L to core	L to Core Axis				Core	Sludge	Core	Sludge	Core	Sludge	
mod dy + traces	buff white to lt. gr.	orange brown to pink	blk to dk gr	coarse	H6-7	Wk. (Fresh) Kaol. Alt'd GM continued (Mod V)	20-30(1) 30-40(2) 40-50(1) 50-60(2) 60-70(1) 70-80(2) 80-90(1) 90-100(2)	1/2 1/4 1/8 1/16 1/32 1/64 1/128 1/256				0 10 20 30 40 50 60 70 80 90 100	rough	76									
H7	H4-6	H5-6	H4-5				620					Smooth falc/sur		627		97.9		1608				.030	
							640					rough fracture surfaces		85		95.1		1609				.029	
						mod. Kaol. alt'n GM mottled/paty dissolution	643.5' 648.5'						rough fracture surfaces		637		95.1		1610				.029
						QFP dyke	651.6 652.						rough fracture surfaces		80		98.1		1611				.078
							650						rough fracture surfaces		647		92.4		1611				.009
							660						rough fracture surfaces		80		92.4		1611				.009
						mod. Kaol. alt'n	661.5 662.5						rough fracture surfaces		657		92.4		1612				.015
							670						rough fracture surfaces		89		99.1		1612				.025
							680						rough fracture surfaces		67		93.7		1613				.015
							680						rough fracture surfaces		77		93.7		1613				.025
						prominent shear fwt of vn. mod. int. alt. 688	681.5 688						rough fracture surfaces		80		93.4		1614				.018

SECTION 9600

ENDAKO MINES

HOLE No. S665
SHEET No. 01 Of 20

LOCATION ENDAKO SOUTH WALL BEARING Collos - 008° S22' = 014 962' = 016 LATITUDE 29758.49 CORE SIZE NQ LOGGED BY PIERRE MAHEUX
DATE COLLARED Nov 4/89 LENGTH 1392' DEPARTURE 26797.35 SCALE OF LOG 1" = 10' DATE JAN 23, 1990 → JAN 31, 1990
DATE COMPLETED Nov 9/89 DIP Collos - 55° S22' = -54° 982' = -53½° ELEVATION 3401.97 REMARKS

BIT	ROCK TYPES & ALTERATION							GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS														
	Flos	K-Spar.	Mat.	Texture	Hardness	Rock Name/ Appearance	Foliation / Structure				To Core Axis	Width of Vein	Mineralization / Parting (type)	Envelopes (type)	Remarks	Fractures	Frequency	Slit-like L to Core Axis	ROD	Foorage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MeS ₂	
																						Core	Sludge	Estimated Grade	Core	Sludge	Core
						0'-30' CASING NO CORE RECOVERED.																					
grey silty sand H7	Hgr. to grey buff. H4.5	orange brown H5.6	dkg. (H12) H1.5	coarse		(wk) Fresh (Kahl. Alt.) BM. mod. Kal. alt.	45 (2) 70 80 85	30	zs, zss, (mg, hm) zalc, m. zs, m. zss, (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.				rough fracture surface	17		37			4688							
							50		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.										.02		.009					
							60		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							70		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							80		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							90		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
						mod. Kal. alt.	100		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							110		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							120		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
						mod. Kal. alt. @ 2m	130		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							140		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							150		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							160		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							170		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							180		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							190		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	
							200		zsp. (mm, mg) zs, zss, mg zalc, (12)	zsp. Yd zsp. Yd Ksp. Yd.																	

Paul Buckley, P. Eng

SECTION _____ ENDAKO MINES

DIT.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS							
	Plus	K-Spar.	Mefc.	Texture	Hardness				Rock Name/ Appearance	Fractures	Slickenside	Core	Sludge	Sample Number		% MoS ₂		
														Core	Sludge		Core	Sludge
																Estimated		
						Wk. Kad. Alt'd. QM cont.	<p>0-10 1/16 10-20 1/16 (s) 20-30 1/16 (s) 30-40 1/16 (s) 40-50 1/16 (s) 50-60 1/16 (s) 60-70 1/16 (s) 70-80 1/16 (s) 80-90 1/16 (s) 90-100 1/16 (s)</p>	<p>1/16 1/16 (s) 1/16 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s)</p>	<p>cl, chl, hlc, kcal g2+hm(mg) g2+hm</p> <p>g2+ser; g2+pr g2+hm; g2+hm(mg) w/ hlc; carb. (cont) g2+ser (w/ g2+hm)</p>	<p>ker 1/16 (s) ser 1/16 ker 1/16-1/8</p>	<p>3" g2+hm (cont)</p>	<p>29</p>	<p>227</p>	<p>4707</p>	<p>↑</p>	<p>.085</p>	<p>.117</p>	
							<p>0-10 1/16 10-20 1/16 20-30 1/16 30-40 1/16 40-50 1/16 50-60 1/16 60-70 1/16 70-80 1/16 80-90 1/16 90-100 1/16</p>	<p>1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s)</p>	<p>g2+mag (h-m) (s) g2+mo (h-m) g2+mo g2+mag. g2+mo (s) cl, ser, carb. g2 (m)</p>	<p>ser 1/16 (s) ker 1/16 ker 1/16 (s)</p>		<p>38</p>	<p>237</p>	<p>4708</p>		<p>.085</p>	<p>.108</p>	
							<p>0-10 1/16 10-20 1/16 20-30 1/16 30-40 1/16 40-50 1/16 50-60 1/16 60-70 1/16 70-80 1/16 80-90 1/16 90-100 1/16</p>	<p>1/16, 1/8 1/16 (s) 1/16 (s) 1/16-1/8 1/16 1/16, 1/8, 1/16 1/16</p>	<p>cl, chl, ser, kcal (s) (py) g2+mag (h-m) (s) g2+hm (h-m) g2+pr (ker) g2+pr g2+pr g2+pr (m) (s) cl, ser, hlc (s), g2+mo cl, ser, hlc</p>	<p>ser 1/16 ser 1/16</p>		<p>32</p>	<p>247</p>	<p>4709</p>		<p>.025</p>	<p>.022</p>	
							<p>0-10 1/16 10-20 1/16 20-30 1/16 30-40 1/16 40-50 1/16 50-60 1/16 60-70 1/16 70-80 1/16 80-90 1/16 90-100 1/16</p>	<p>1/16 1/16 1/16 1/16-1/8 1/16 1/16 1/16 1/16 1/16 1/16</p>	<p>g2+mo. carb. carb. m manga; cly, g2, kcal g2 (cont)</p>	<p>dissep 1/16 -fuc ker -25 g2+mo (m)</p>		<p>38</p>	<p>257</p>	<p>4710</p>	<p>↓</p>	<p>.12</p>	<p>.059</p>	
H6-7	H2-3	H4-5 (buff)	H2-3	H4-5		Int. Kad. alt'n. 257'-257.8' Med.-Int. Kad. Alt'n QM	<p>0-10 1/16 10-20 1/16 20-30 1/16 30-40 1/16 40-50 1/16 50-60 1/16 60-70 1/16 70-80 1/16 80-90 1/16 90-100 1/16</p>	<p>1/16, hi-1/16 1/16, 1/8, 1/16 (s) 1/16 (s) 1/16-1/8 1/16 1/16 1/16 1/16 1/16</p>	<p>mo, hi-1/16 mo, g2 g2+mo (s) g2+mo g2+mo g2+mo g2+mo g2+mo g2+mo</p>	<p>ker 1/16 ker 1/16 ker 1/16 ker 1/16 ker 1/16 ker 1/16 ker 1/16 ker 1/16</p>	<p>core v. broken and rubby</p>	<p>18</p>	<p>267</p>	<p>4711</p>		<p>.09</p>	<p>.061</p>	
						code lost 5' 264-274'	<p>0-10 1/16 10-20 1/16 20-30 1/16 30-40 1/16 40-50 1/16 50-60 1/16 60-70 1/16 70-80 1/16 80-90 1/16 90-100 1/16</p>	<p>1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s)</p>	<p>g2+mo; cly, hlc, ser, kcal g2+mo; hlc, ser g2+mo; hlc</p>		<p>core v. broken.</p>	<p>10</p>	<p>277</p>	<p>4712</p>		<p>.03</p>	<p>.027</p>	
						Int. Kad. Alt'n QM 3' Ker. enrichment. 276'	<p>0-10 1/16 10-20 1/16 20-30 1/16 30-40 1/16 40-50 1/16 50-60 1/16 60-70 1/16 70-80 1/16 80-90 1/16 90-100 1/16</p>	<p>1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s) 1/16 (s)</p>	<p>hlc, carb. g2+mo; carb, hlc carb (s) carb, hlc, ser kcal, hlc, ser ker, carb ker, carb, kcal</p>	<p>ker 1/16 ker 1/16</p>		<p>32</p>	<p>287</p>	<p>4713</p>		<p>.03</p>	<p>.027</p>	
H7	H24	H5-6	H4	H5-6		280-282' 2' core lost 282' Wk. Mod. Kad. Alt'd. QM 287.6 - 288.6'	<p>0-10 1/16 10-20 1/16 20-30 1/16 30-40 1/16 40-50 1/16 50-60 1/16 60-70 1/16 70-80 1/16 80-90 1/16 90-100 1/16</p>	<p>1/16 1/16 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s) 1/16-1/8 (s)</p>	<p>hlc, carb. g2+mo; carb, hlc carb (s) carb, hlc, ser kcal, hlc, ser ker, carb ker, carb, kcal</p>	<p>ker 1/16 ker 1/16</p>	<p>smooth vs carb. hlc</p>	<p>32</p>	<p>287</p>	<p>4713</p>		<p>.03</p>	<p>.027</p>	

SECTION _____ ENDAKO MINES

Dtz.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES	RECOVERY		ASSAY RESULTS					
	Plug	K-Spec.	Mafic.	Texture		Hardness	Rock Name/ Appearance	Fractures		Width of Vein	Envelopes (type)	Weight in Grams	Sample Number		% MoS ₂		
													Core	Sludge	Core	Sludge	Combined
						% MoS ₂	% MoS ₂										
						<u>Wk. (Fresh) Kad. Alln. G.M.</u>	430										
						cont											
							440		64	437		4728		.047			
							450		65	447		4729		.055			
							460		46	457		4730		.056			
							470		79	467		4731		.033			
						<u>Med. Kad. Alln. (Ksp. con.)</u>	472					4722					
						<u>Basalt Dyke</u>	473										
						<u>Basalt Dyke (Ksp. con.)</u>	476		40								
						<u>H2-6 Dyke (Ksp. con.)</u>	476										
						<u>H2-6 Dyke (Ksp. con.)</u>	477		477			4733		.156			
							480										
						<u>Med. Kad. Alln. G.M.</u>	482										
							483										
							484										
						<u>Med. Kad. Alln. G.M.</u>	485										
							490		55	497		4734		.057			
									75	497				.070			

SECTION _____ ENDAKO MINES

Dtz.	ROCK TYPES			ALTERATION		GRAPHIC LOG	MINERALIZATION			STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS							
	Plug	lc-Spar.	Mafic.	Texture	Hardness		Rock Name/ Appearance	To Core Axis	Width of Vein		Mineralization/ Fossilization/ Fossilization (type)	Envelope (type)	Remarks	Fractures Frequency	Stickenside To Core Axis	ROD	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																			Core	Mudge	Core	Sludge	Core	Sludge	
																									%
%	%	% MoS ₂	% MoS ₂	Combined																					
						Med-Tal Kaol. Alt. 500.2 Cont.		1/8"	dy shear; sil, calc, ser, cly. qtz (too) and talc cyl seam; talc, act, ser, cly.				Rough fracture surfaces	(2)						4735					
						Basalt Dyke - leaky porph dk-gr 507.2		1/8"	breccia; alt'd rock frags; quartz cyl shear (basalt).						507					.02				.037	
						512.2' 527 major shear Med. Kaol. Alt'n. G.M.		1/8"	cly, qtz; cly, Kaol, sil.												4736				
grey corrosion	green to dk-gr.	orange to buff H3-4	green to dk-gr. H3-4	coarse mottled	H4	512.2' 527 major shear Med. Kaol. Alt'n. G.M.		1/8"	chert, ser. ser-ppt ser-ppt (cont)(a)						517					4737				.042	
						528.8' v.h. Kaol. Alt'd. G.M. (Fresh G.M.)		1/8"	qtz chert ser-ppt ser-ppt (long) ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt	Ksp 1/6 ser 1/6 ser 1/6 Ksp 1/6 ser 1/6										4737				.052	
						538.8' v.h. Kaol. Alt'd. G.M. (Fresh G.M.)		1/8"	ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt											4738				.02	.051
						540 v.h. Kaol. Alt'd. G.M. (Fresh G.M.)		1/8"	ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt	Ksp 1/6										4739				.03	.140
						550 v.h. Kaol. Alt'd. G.M. (Fresh G.M.)		1/8"	ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt	Ksp 1/6-1/4										4740				.04	.028
						560 v.h. Kaol. Alt'd. G.M. (Fresh G.M.)		1/8"	ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt	Ksp 1/6-1/4										4741				.08	.086
						570 v.h. Kaol. Alt'd. G.M. (Fresh G.M.)		1/8"	ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt ser-ppt	Ksp 1/6										4742				.08	.086

SECTION _____

ENDAKO MINES

HOLE No. 5665
SHEET No. 10 Of 20

Qtz.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Plug	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance		Footage	Width of Vein	Envelopes (type)	Remarks	Frequency	Stickerable L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																	Core	Sludge	Core	Sludge	Core	Sludge	Combined
						Wk. (Fresh) Keel Alt. AM	647	1/8 (2)	Wk. (Fresh) Keel Alt. AM										4749				
						mod. shear. 6457	650	1/8 (2)	mod. shear. 6457											4750		.099	
grey	4-gr	orange	blk.	course		Wk. Mod. Keel Alt. AM	650	1/8 (2)	Wk. Mod. Keel Alt. AM										4751				
mod. gr. transl.	to green	brown to dk. gr.	to dk. gr.	(medium)			660	1/8 (2)											4752				
H6-7	H3-4	H5-6			H6-7		670	1/8 (2)											4753		.030		
							680	1/8 (2)											4754				
							690	1/8 (2)											4755				
grey	buff of (Hgr.)	orange brown	blk. to dk. gr.	course		Wk. (Frm) Keel Alt. AM	690	1/8 (2)	Wk. (Frm) Keel Alt. AM										4756		.037		
mod. gr. transl.	H4-6	H6	H5		H6-7		700	1/8 (2)											4757				
							710	1/8 (2)											4758				
							710	1/8 (2)											4759		.095	.143	

214
123

2017 → 291
2017 → 200

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ENDAKO MINES

HOLE No. 565
SHEET No. 11 Of 20

Dtz.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS										
	Plag	K-Sp.	Mafic	Texture	Hardness		Rock Name/Appearance	Mineralization/Faulting (Type)	Envelopes (Type)	Remarks	Fractures	Slickenside	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂							
																Core	Sludge	Core	Sludge		Core	Sludge					
																				%			%	Estimated	Grade	Combined	
						Wk. (Fresh) Kaul. Alt'd. BM. cont.											4756										
						prominent shear intense bet'n	717					66.					.02		.024								
																		4757									
																			4758								
																				4759							
																					4760						
						gradational. Mod. Kaul. Alt'd. BM.																4761					
																							4762				
																								4763			
																									4764		
						gradational Wk. (Fresh) Kaul. alt'd. BM.																			4765		

SECTION _____

ENDAKO MINES

HOLE No. S665
SHEET No. 12 Of 20

Q11	ROCK TYPES			ALTERATION			GRAPHIC LOG	MINERALIZATION	STRUCTURES	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS										
	Plg	K-Spar.	Mofc.	Texture	Hardness	Rock Name/ Appearance					Footage Structures	L To Core Axis	Width of Vein	Mineralization/ Faulting (type)	Envelope (type)	L To core	Frequency		Slicenabde L To Core Axis	ROD	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																	Core	Sludge					Core	Sludge	Core	Sludge	Core	Sludge
						WK. (Fresh) Kaol. Alt'd. GM. cont. mod. Kaol. alt'd. GM. - 780' - 784.5'	780	1/8 - 1/16 1/8 - 1/8 1/8 - 1/8 (S) 1/8 - 1/8	gashon (2) mo chl, cly. gashon. cly, tal, ser. gashon (mo?) (S) gashon (S)			780	1	1		71	787				4763				.236			
							800	1/8 (S) 1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 (S) 1/8	gashon; cly, chl, kaol. (2) gashon shor: cly, chl. carb gashon. gashon cly, tal, ser. ser, carb.	Ksp. Yb (S)		800	1	1		68	797				4764				.164			
							810	1/8 (S) 1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 (S) 1/8	gashon (2) gashon gashon carb shor: // c.a.: cly, chl, kaol. Lithom. - py, Ksp. enrich.	Ksp. Yb	gashon shor - 3' in length.	810	1	1		57	807				4765				.048			
							820	1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 (S) 1/8 - 1/8	cly, chl, kaol shor: cly, kaol, tal, ser. gashon carb, tal, ser. cal. gashon tal, kaol gashon (S) shor: kaol, chl, cly			820	1	1		42	817				4766				.033			
							828	1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 1/8 - 1/8 (S) 1/8 - 1/8	tal, chl, chl? shor: cly, tal, ser carb, tal gashon carb, tal, ser			828	1	1		67	827				4767				.022			
							835	1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S)	gashon (S) carb; gashon (2); gashon: possibly mo? - mod. shor (chl), carb thru interm.			835	1	1		28	837				4768				.341			
							840	1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S) 1/8 - 1/8 (S)	gashon (S) carb, tal, ser shor: soft malgs, py shor: cly, kaol, chl. mo (S) gashon (S) (S); shor: cly, tal, ser			840	1	1		65	847				4769				.047			

HOLE No. 3665
SHEET No. 17 Of 20

SECTION _____ ENDAKO MINES

QTZ	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION		STRUCTURES	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Piec	ic-Spar	Matrix	Texture	Hardness	Rock Name/ Appearance		L to Core Axis	Width of Vein			Envelopes (type)	Frequency	Stickiness L to Core Axis	ROD	Footage Blobs	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																		Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combined																			
						1135-2 Wk. (Med) Kwd. AH. QM.	1130	gypsum; barite; talc; ser; (sulf. mo) (22mo); talc + ser (22mo); barite; quartz (cast); mo (cl); barite; mo (s); gypsum (s); carb + talc	Ksp. V4 Ksp. V6 Ksp. V6 Ksp. (V4) (2)		rough fracture surfaces	75	1137				4798				.158		
							1140	ser; clay, talc; carb; g2 (mo); carb; mol (s); carb (ser, talc); mol (s); talc, ser (kwd)				35	1147				4799				.245		
							1150	talc ser (clay, chl)										4800				.08	
gray trawl H7	gray to buff (Pt. ge.) H5-6	subm brown (Pt. ge.) H6	blk (Pt. ge.) H5	coarse		1153 - 1153.8' Ksp. matrix quartz dyke? Wk. Kwd. AH. QM.	1150	g2 (mo); talc; chl; barite; quartz (s); carb (s); mo; carb (s); mo; carb (s)	Ksp. (V5) V6 Ksp. V6 Ksp. V4-V6 (2)			78	1157					4801				.063	
							1160	carb (tal, ser) (s); mag; barite; mag; g2 (mo); carb (s); carb (s); carb	Ksp. V4-V6 (2) Ksp. V4-V6			81	1167					4802				.015	
							1170	gypsum; talc; carb; ser; talc, ser; talc, ser, carb.				75	1177					4803				.01	
							1180	gypsum (s); gypsum (s); gypsum (s) (carb); (s); talc; barite; carb; g2 (mo); carb (s)											4804				.061
							1190	carb; gypsum; talc, ser; carb (s); gypsum; talc, chl; carb; carb; mo				66	1187						4805				.033
							1190	carb; g2 (mo); barite; g2 (mo); carb; gypsum; carb; gypsum (s); carb (s)				77	1197						4806				.025

HOLE No. 565
SHEET No. 18 of 20

SECTION _____ ENDAKO MINES

D.L.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES			Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Pisg	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance		L To Core Axis	Width of Vein	Mineralization/ Faulting (type)		Envelope (type)	L To core	Fractures		R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% Me ₂ S		
														Frequency	Stitchable L To Core Axis				Core	Sludge	Estimated	Grade	Core	Sludge	Combined
						Wk-Med. Kead. All. 1207	1200	1/2 (1)	carb, ser, chy seams (2)		0								4805						
						1207	1210	1/2 (1)	carb, chy, ser, (ma) (carb)	Ksp. Vg	10		40	1207					.025			.067			
							1220	1/2 (1)	ma, talc, ser	Ksp. Vg.	20		65	1217					4806			.127			
							1230	1/2 (1)	ser, talc, ser	Ksp. Vg	30		72						4807						
						Wk (Med) Kead. All'n. QM 1237	1230	1/2 (1)	ser, talc, ser, (ma) (carb)	Ksp. Vg - Vg	40		1227						4807			.277			
gray	11-12	gray	14-15	14-15	14-15	1237	1230	1/2 (1)	ser, talc, ser, (ma) (carb)	Ksp. Vg - Vg	50								4808						
H7	gray buff	H6	H4-5	H5-7			1240	1/2 (1)	ser, talc, ser, (ma) (carb)	Ksp. Vg	60		66	1237					4808			.046			
							1250	1/2 (1)	ser, talc, ser, (ma) (carb)	Ksp. Vg	70		65	1247					4809			.032			
						Med. Kead. All'n. QM 1246	1250	1/2 (1)	ser, talc, ser, (ma) (carb)	Ksp. Vg	80								4810						
							1260	1/2 (1)	ser, talc, ser, (ma) (carb)	Ksp. Vg	90		63	1257					4810			.467			
						1249.6	1260	1/2 (1)	ser, talc, ser, (ma) (carb)	Ksp. Vg	100		61	1247					4811			.099			

HOLE No. 3665
SHEET No. 19 Of 20

SECTION _____ ENDAKO MINES

Q.T.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Pis	K-Spar.	Mofc.	Texture	Hardness		Rock Name/ Appearance	L To Core Axis	Width of Vein		Mineralization/ Faulting (type)	Envelope (type)	L to core	Frequency	Silicified L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																			Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combined																				
						1270	1/2 - 1/4 (2); 1/8	large cal. sil. sur (ortho) (garnet); shear: kaol, clay, talc. Near: kaol, clay, carb. (>)			0-100			34					4812				.040	
						1280	1/2 - 1/4 (1); 1/8	carb. gesso; carb. gesso; carb. gesso; carb. gesso; cal. borax; talc, sur	Ksp 1/2		0-100			34					4813				.090	
						1290	1/2 - 1/4 (1); 1/8	large gesso			0-100			57					4814				.186	
	grey to buff	orange brown	blk to dk grey	coarse		1295	1/2 - 1/4 (2); 1/8	garnet (1); sil. sur; shear: kaol, clay, talc. mo; shear: clay, talc, kaol.	Ksp 1/2 - 1/4		0-100			1297					4815				.08	
						1300	1/2 - 1/4 (1); 1/8	garnet (1); sil. sur; shear: kaol, clay, talc. mo; shear: clay, talc, kaol.	Ksp 1/2 - 1/4		0-100			65					4816				.015	
						1310	1/2 - 1/4 (1); 1/8	garnet (1); sil. sur; shear: kaol, clay, talc. mo; shear: clay, talc, kaol.	Ksp 1/2		0-100			64					4817				.044	
						1320	1/2 - 1/4 (1); 1/8	large; gesso; carb. gesso; carb. gesso; cal. borax; talc, sur			0-100			19					4818				.04	
						1328.5	1/2 - 1/4 (1); 1/8	large; gesso; carb. gesso; carb. gesso; cal. borax; talc, sur	Ksp 1/2		0-100			19					4819				.04	
						1330	1/2 - 1/4 (1); 1/8	large; gesso; carb. gesso; carb. gesso; cal. borax; talc, sur			0-100			72					4820				.035	
						1340	1/2 - 1/4 (1); 1/8	large; gesso; carb. gesso; carb. gesso; cal. borax; talc, sur			0-100			72					4821				.01	

1295 WK. Kaol. Alt'n. (Fresh) Q.M.

1328.5 - 1330 - shear interval.

HOLE No. 2665
SHEET No. 20 Of 20

SECTION _____ ENDAKO MINES

D.T.	ROCK TYPES		ALTERATION	GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES			RECOVERY		ASSAY RESULTS			
	Plug	K-Spar.			Width of Vein	Mineralization / Faulting (Type)		Envelopes (Type)	Remarks	Fractures	Stickenside	Porosity	Specific Gravity	Weight in Grams		Sample Number
					Z To Core Alt	Z To Core Alt		To Core	Frequency	Z To Core Alt		Core	Sludge	% MoS ₂		
														Estimated Grade	Combed	
			Wk. (Fresh) Keel Alt. - Q.M. Cont. 1344.5		1340											
			Int Keel Alt. 1345.5		1350							42			4819	
					1350										.015	.035
					1350							70			4820	
					1350										.01	.026
					1360							35			4821	
					1370										.02	.029
					1377.5							77			4822	
			apl's Apl. 1377.5		1380										.045	.080
			Int Keel Alt. 1382		1380							15			4823	
					1380										.02	.037
					1390										4824	
					1392							65			.065	.117

SECTION 2000

ENDAKO MINES

HOLE No. 3666
SHEET No. 01 of 12

LOCATION Endako - Southwall (West Pit)
DATE COLLARED Nov 9/89
DATE COMPLETED Nov 11/89

BEARING _____
LENGTH 797'
DIP -30

LATITUDE 29755.5
DEPARTURE 26795.1
ELEVATION 3400.4

CORE SIZE NQ
SCALE OF LOG 1"=10'
REMARKS _____

LOGGED BY PIERRE J. MAHEUX
DATE FEB. 09 1990 → FEB 15, 1990

DT.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS						
	Plog	M-Spor.	Mefk.	Texture	Hardness			Rock Name/Appearance	Alteration	Footage	Fractures	Siltstone	Z To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																	Core %	Sludge %	Core	Sludge	Core	Sludge	
						0-10' CASING - NO CORE O/B RECORDED																	
H7	gray med. gr. tan	H. gr. H. gr.	orange brown (shaly)	blk. dk. gr.	coarse	<u>Mod. Kaul. Alt'n. GM</u>																	
						CORE LOST - 20'-23'																	

Paul Buckley P. Eng

SECTION _____ ENDAKO MINES

Qtz.	ROCK TYPES			ALTERATION			GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
	Phos.	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance				Fractures	Frequency	Si/Schistosity	R O D	Porosity	Specific Gravity	Weight in Grams	Sample Number	% Meq	
										Core	Sludge	Estimated Grade	% MoS ₂	% MoS ₂	Core	Sludge	Core	Sludge	Combined
						Mod. Kal. Al'n. GA. cont.	70-80	g2+py (sw) g2+mo g2+mo; g2+py (sw) g2+py (sw) (2)	Ser V8 Ser V(1)	2-3' g2+mo (py) (carb) m. Sul' Ksp schist.	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80			37	67		4965		.032
						2' core lost	70-75 75-80	g2 (sw) (m); g2+mo (a) g2+mo (a); g2 (sw) (X=0) cl; Kal. tal; Ser: Schist			10 20 30 40 50 60 70 80	core v. broken rubby.	20	77		4966		.026	
							80-85 85-90	mag. g2+mo; Ser: cl; tal; Kal g2+py (sw) (2) Ser mag (Gsp) (2)			0 10 20 30 40 50 60 70 80			21	87		4967		.013
						prominent shear: 91' 92-5'	90-95 95-100	carb + mo. g2+mo g2 (sw) (m) (m)? g2+py (sw) g2 (py) (mag) g2+py (sw) cl; g2+mo	minor crackle bx. G2, ser, py; V8 V8 (2).		0 10 20 30 40 50 60 70 80			47	97		4968		.027
							100-105 105-110	g2+py (sw) (m) Ser: g2+py, g2+mo, mag, g2+py Ser: g2+py (sw) cl; g2+py carb + g2 g2+py (sw) (a); Ser g2+py (sw) (a); g2+py (sw)	ULK... mod. br. - g2+py - ser. (Kant. carb)		0 10 20 30 40 50 60 70 80			39	107		4969		.051
						prominent shear 112.5' 115'	110-115 115-120	cl; g2+mo (sw) g2+mo g2+mo (py) mag; g2+mo g2+py (py) (2); carb g2+py (sw); g2+py (sw) (2); g2+mo g2+py (sw) (2); g2+py (sw) (2); g2+py (sw)			0 10 20 30 40 50 60 70 80			16	117		4970		.012
							120-125 125-130	g2+mo (py) (a) py - g2+py (py) (2) g2+py (sw) (2) g2+mo (2) g2+py (sw); mag g2+py (sw); g2+mo (sw) I. ...	py - ser V8 V8 (2) Ser V8		0 10 20 30 40 50 60 70 80		36	127		4971		.037	

SECTION _____

ENDAKO MINES

HOLE No. 3666
SHEET No. 03 Of 12

Q1z	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
	Flag	K-Spec.	Mofk.	Texture		Rock Name & Appearance	Mineralization / Faulting (Type)	Envelopes (Type)	Remarks	Frequency	Stickenside	R.O.D.	Footage Block	Specific Gravity	Core %	Sludge %	Sample Number	% MoS ₂	
															Core	Sludge	Core	Sludge	
															%	%	Estimated	Grade	Core
	H2-4	H3-6	H3-5	med. to coarse	Mod. Keal. Alt. QM (Med. Int.) cont.	140-142'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)		31		137				4972			
						142-148.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)		32		147				4973			
						148.2-149.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4974			
						149.2-150.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)		48		157				4975			
						150.2-152.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4976			
						152.2-153.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)		40		177				4977			
						153.2-154.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4978			
						154.2-155.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)		33		187				4979			
						155.2-156.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4980			
						156.2-157.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)		45		197				4981			
						157.2-158.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4982			
						158.2-159.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4983			
						159.2-160.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4984			
						160.2-161.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4985			
						161.2-162.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4986			
						162.2-163.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4987			
						163.2-164.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4988			
						164.2-165.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4989			
						165.2-166.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4990			
						166.2-167.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4991			
						167.2-168.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4992			
						168.2-169.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4993			
						169.2-170.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4994			
						170.2-171.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4995			
						171.2-172.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4996			
						172.2-173.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4997			
						173.2-174.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4998			
						174.2-175.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								4999			
						175.2-176.2'	g2 + ser (m) (17); carb (g)	ser - 2 1/2 - 1/8 (17)								5000			

SECTION _____

ENDAKO MINES

HOLE No. Slide
SHEET No. 04 Of 12

D.T.	ROCK TYPES & ALTERATION				GRAPHIC LOG	MINERALIZATION		STRUCTURES		Remarks	ROCK QUALITIES			RECOVERY		ASSAY RESULTS				
	Plg.	K-Spr.	Mofc.	Texture		L to Core Axis	Width of Vein	Mineralization/ Faulting (Type)	Envelope (Type)		Fractures Frequency	Slickenside L to Core Axis	R.O.D.	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂
	Rock Name/ Appearance	Core %	Sludge %	Core												Sludge	Estimated Grade	Grade	Combined	
	% MoS ₂																			% MoS ₂
					28.5'							207				4979			.033	
					22.0'							217				4980			.040	
					22.0'							217				4981			.047	
												227				4982			.040	
												237				4983			.016	
												247				4984			.039	
												257				4985			.075	
												267				4986			.075	

SECTION

ENDAKO MINES

Dtz	ROCK TYPES			ALTERATION			GRAPHIC LOG Rock Type Alteration	Footage FT/INCHES	L To Core Axis 346	MINERALIZATION Width of Vein	STRUCTURES Envelope (type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
	Plug	K-Spec	Metic.	Tecture	Hardness	Rock Name/ Appearance							Frequency	Stickiness L To Core Axis	R O D	Footage Blocks	Specific Gravity	Core %	Sludge %	Sample Number	% MoS ₂	
																		Core	Sludge	Core	Sludge	Combined
grey to green concrete 467	green to gr.	brown red-brn buff	green to dk gr	coarse to medium	H4-5	Wk - Mod. Keol. Alt'd. Om Cont.	10-10 (4) 20-20 30-10 (4) 20-20 602 70 80-90 (8) 20 70-80 (2)	346	1/4-1/2 (4) 1/2, 1/2" 1/8-1/4 (4) 1/2 (1) 1/2 (1) 3/4 (1), 1/4 1/2 1/4 (2)					81	347		4993		.06	.052		
							10 20 30 40 50 60 70 80		1/4 1/8-1/4 1/2 (2) 1/2 (1)					47	357		4994		.045	.018		
major shear 359.8' Mod-Int Keol. Alt'd. No Int. - qb. Blooding / pervasive. Keol. alt'n. alternate - chy alt'n. zone with other shear planes.							359.8'	360	1/2-3/4 1/4-1/2 (4, 4) 1/4 (1)					21	367		4995		.085	.044		
Major shear 369.8'-371' Wk - Mod Keol. Alt'd. Om cf. 340'							369.8'-371'	370	5'-7' 1/2 (2), 1/4 1/2 (1) 1/2 (1) 1/2 (1) 1/2 (1) 1/2 (1)		shear, int. keol. alt'n.; talc, py, Keol. v. r. garnet (5) qtz + py (2) (2). garnet (2); garnet (2) garnet; garnet garnet (2) (1) (1).					52	377		4996		.06	.042
grey to red py interal.	lt gr. to grey buff.	orange brown (subsoil)	blk. to drab	coarse	H6-7	lg. qb. alt'n. Fresh Wk. Keol. Alt'd. Om	10-10 (1) 20 30 40 50 60 70 80		1/2 (1) 1/4-1/2 1/4-1/2 1/2 (1) 1/2 (1)					55	387		4997		.03	.022		
							30 40 50 60 70 80		1/2 (1) 1/2 (1) 1/2 (1) 1/2 (1)					62	397		4998		.035	.020		
							30 40 50 60 70 80		1/4-1/2 (1) 1/4-1/2 (1) 1/2 (1) 1/2 (1)					76	407		4999		.04	.023		

HOLE No. 566
SHEET No. 07 Of 12

SECTION _____ ENDAKO MINES

Q.T.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Pkg	K-Spr.	Mfc.	Texture					Hardness	Rock Name/ Appearance	Footage	L To Core Axis	Frequency	Slickenside L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																		Core	Sludge	Core	Sludge	Core	Sludge	Combined
					French-wr. Kaol. A.H. Q.M. cont.	550					84	557				1839			.029					
grey to med. gr. transl. H6-7	grey to H. gr. H3-A	brwn druse H5-G	dk gr. to green H3-B	course (mottled) H4-S	gradational. Mod. Kaol. A.H. Q.M.	560					90	567				1840			.017					
					gradational. Fresh-wr. Kaol. A.H. Q.M.	570					88	577				1841			.039					
grey to med. gr. transl. H7	grey to H. gr. H5-B	brwn druse (brwn) H6	blk. to dk gr. H5	course H6-7	gradational. Fresh-wr. Kaol. A.H. Q.M.	580					80	587				1842			.036					
					gradational. Fresh-wr. Kaol. A.H. Q.M.	590					67	597				1843			.014					
grey to med. gr. transl. H7	grey to H. gr. H4-S	red druse (orange) H4-S	dk gr. H4-S	course H4-S	609-609.5' med. n.t. alt. 609'	600					40	607				1844			.015					
med. gr. transl. H7	grey to H. gr. H4-S	H5-G (brwn)		mottled H5-G	WR. Mod. Kaol. A.H. Q.M.	610					30	617				1845			.029					

SECTION _____ ENDAKO MINES

ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES					ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
Q11	Plog	K-Spar.	Mefc.	Texture	Hardness		Rock Name/ Appearance	L To Core Aite (620)	Width of Vein	Mineralization/ Faulting (type)	Envelope (type)	Remarks	Fractures Frequency	Stitchmarks L To Core Aite	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
																		Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge
%	%	% MoS ₂	% MoS ₂	Combined		Combined																			
						Fresh wk. Kaol. A1% QM	621	1/16-1/8 (s)	py (s), carb (s)			rough fracture surfaces							1846						
						moderate stain Med. Int. Kaol. A1% QM	622	1/16-1/8 (s)	py (s), carb (s)	Ksp Yls.										1847					.016
gray to green trans.	H3-4	H4-5	H2-4		HA-5	major stain	630-7 628-9 629-5	1/16-1/8 (s)	py (s), carb (s)	Ksp Yls.										1848					.018
gray to green trans.	H4-5	H5-6	H4-5		H5-6	WK. (Fresh) Kaol. A1% QM	640	1/16-1/8 (s)	carb; mica cal; sil (s)											1849					.03
							650	1/16-1/8 (s)	py (s), carb (s)											1850					.058
							660	1/16-1/8 (s)	py (s), carb (s)											1851					.06
							670	1/16-1/8 (s)	py (s), carb (s)											1852					.044
							680	1/16-1/8 (s)	py (s), carb (s)											1853					.06
							690	1/16-1/8 (s)	py (s), carb (s)											1854					.015
							700	1/16-1/8 (s)	py (s), carb (s)											1855					.015
							710	1/16-1/8 (s)	py (s), carb (s)											1856					.021
							720	1/16-1/8 (s)	py (s), carb (s)											1857					.015
							730	1/16-1/8 (s)	py (s), carb (s)											1858					.031

SECTION _____

ENDAKO MINES

HOLE No. 566
SHEET No. 12 Of 12

Core	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES				RECOVERY		ASSAY RESULTS									
	Frag	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance		L To Core Axis	Width of Vein	Mineralization/ Fouling (Type)	Envelope (Type)	Remarks	Frequency	Stickable L To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂				
																		Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	
	%		%		Estimated Grade			Combined																		
						<u>W.K. Kar. Alt'd. GM</u> cont.	760	g-stone Sear: cly, talc, chl, kaol. chl, talc, carb (Z) g-stone chl, kaol. g-stone bar z. chl, kaol. chl, kaol.	Ksp Yb										1860							
							770	g-stone Sear: cly, talc (s) chl, kaol.	Ksp Yb-Vb (s)											.03			.020			
							780	g-stone (s) chl, talc g-stone chl, talc bar z.	Ksp Yb											1861						
							780	bar z. chl, cly (talc) g-stone (s) chl, talc	Ksp Yb-Vb Ksp Yb-Vb (s)											.02			.031			
							790	mol (s) Kaol. cly (talc) (s) chl, talc (s); uncarb. bar z (s)	Ksp Yb (s)											1862						
							790	g-stone (s); g-stone bar z.; chl (talc) mol (talc) g-stone (s)															.015		.025	
							797	mol (kaol) g-stone (s) tal, chl (s) chl, talc (s) chl, talc (s); g-stone (s); chl, carb (s) g-stone (s) g-stone (s)													1863					
						E.O.H.	797	g-stone (s)													.02			.067		

SECTION _____ ENDAKO MINES

Dtz.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Flag	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance		L To Core Axis	Width of Vein	Mineralization Fouling (type)	Envelope (type)	Remarks	Fractures Frequency	Slickenside L To Core Axis	R O D	Porosity Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
																		Core	Sludge	Core	Sludge	Core	Sludge	Combed	
																									%
						WK. Mod. Kaol. All. QM.	150												4904						
47	H5-6	H5-6	H4-5			WK. Kaol. All. QM.	160						63	157							.025	.008			
							170							56	167							.02	.057		
							180							72	177							.03	.036		
						WK. Mod. Kaol. All. QM. Kspar + py (dissol. 1-2%) 184'-185.2' g2 + mo (fine) 186.2' mo v. prominent at 187.4'	190							39	187								.20	.409	
						Basalt dyke - wavy purpleitic	195'																		
						Mod. Kaol. All. QM.	200							30	197								.18	.178	
						WK. Kaol. All. QM.	210							44	207								.02	.136	
							210							56	217									.02	.050

Paul Buckley P. Eng

SECTION _____ ENDAKO MINES

Dtz.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Pics	K-Spar.	Mafic.	Texture	Hardness		Rock Name/ Appearance	L To Core Axis	Width of Vein	Mineralization/ Fouling (Type)	Envelope (Type)	Remarks	Fractures	Stickable L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																		Core	Sludge	Core	Sludge	Core	Sludge	Combined
						WK. Keel Alt'n. GM. cont.	70(1) 70(2)	1/16(1) 1/16(2)	carb. (ca), det. hem-carb; 42.															
						226.5' med. int. Keel alt'n.	227.4	1/8	mag. them; shear talc, ore-talc; Keel, var.; py (ca) (ca)					73	227					4911				.024
						WK. Med. Keel Alt'n. GM.	230	1/16	carb. mo.															
							240	1/8, 1/16	qtz (mp) carb; mag. carb.	drum of Ksp. Yb.				63	237					4912				.018
						WK. Keel Alt'n. GM.	242	1/16	hem (ca), carb. carb (mp).															
							250	1/16	chl, carb. (shad)					48	247					4913				.023
						Med. Keel Alt'n. GM.	251	1/8	hem (ca), carb. carb (mp).															
							259	1/8	chl, carb. (shad)					25	257					4914				.053
						WK. Keel Alt'n. GM.	260	1/16	qtz (mp), mag. carb; det. hem-carb; Ksp. Yb.															
							270	1/8	hem (ca), carb. carb (mp).					40	247					4915				.111
						.3' qtz + mo. alt'n.	272.5	1/8	qtz + mo. alt'n.	.3' qtz + mo. (banded) m.														
							280	1/8	hem (ca), carb. carb (mp).					56	277					4916				.114
							290	1/8	hem (ca), carb. carb (mp).					86	287					4917				.094

HOLE No. 5667
SHEET No. 05 Of 10

SECTION _____ ENDAKO MINES

O.T.	ROCK TYPES			ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS				
	Plas	K-Spar.	Wolc.	Texture	Hardness					Rock Name/ Appearance	Footage L To Core Axis	Width of Vein	Weight in Grams		Sample Number	
													Core	Sludge	Core	Sludge
												%	%	Estimated Grade	Combined	
						WK. Karl. Alt. QM	carb (qtz), qz-mo carb		81	297		4918	.06	.050		
						355.7 - 356.3' med. Karl. Alt. QM	carb (qtz), qz-mo carb; mo		56	307		4919	.05	.143		
						gradational 327.5' WK. Mod. Karl. Alt. QM	carb; qz-mo carb; mo		57	317		4920	.05	.047		
						gradational 336.5' WK. Karl. Alt. QM	carb; qz-mo carb; mo		74	327		4921	.025	.032		
grey to buff grey (mottled)	H2-A	H5-G	HA-S	HS-6	coarse	336.5'	carb; qz-mo carb; mo		70	337		4922	.13	.252		
grey to buff grey (mottled)	H2-B	H5-G	HA-S	HS-6	coarse	357.2'	carb; qz-mo carb; mo		48	347		4923	.075	.088		
grey to buff grey (mottled)	H7	H5-G	HA-S	H6-7	coarse	357.2'	carb; qz-mo carb; mo		73	357		4924	.015	.044		

SECTION ENDAKO MINES

Qtz	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS							
	Plog	K-Spar.	Mafic.	Texture	Horizons	Rock Name/ Appearance		L To Core Axis	Width of Vein	Mineralization/ Foliating type	Envelope (type)	Remarks	Fractures Frequency	Slickenside L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂				
																		Core	Mudg	Estimated	Grade	Core	Sludge	Core	Sludge	Combined
						Wk-Med. Kael. B.M. cont.	430	1/16-1/8 1/16-1/16 1/16 1/16-1/8; 1/8 1/16 1/4-1/2 1/4	clt githon qtz+ser(s) clt+ser(s); qz+hbl(s) qtz+py qtz-carb(hbl) clt; m(sg) qtz+ser				rough fracture surfaces	58							4432					
	gray to green (corund)	H2-4	H4-5	H3-4	H4-5	gray to green to blk to dk gr. mottled Int. Kael. B.M. cont. 440.5' Mod. Kael. A.H. Q.M. G.F. dyke. 446' 447' 450.2'	440	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s)(hbl)(s)(s) clt, ch. qtz(s) qtz+ser qtz+ser		449.7-440.5' - carb qz (m)			46							4433			.025		
H6-7						G.F. dyke. 446' 447' 450.2'	447	1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s) qtz(s) qtz(s) qtz(s)				*	447						.08			.066			
						G.F. dyke cracks breccia 456' 457'	450	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8	breccia breccia breccia		core - v. broken: d.p.s. internal.			20							4434					
						gradational Wk (Med) Kael. A.H. Q.M. 463'	457	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s), hbl, ser. (s) (s) (s) qtz+ser (s) (s) (s) (s) qtz(s) qtz(s) qtz(s)		2' breccia - int. alt. qz+ser+hbl+s			457							.12			.105		
	gray to brown	H2-5	H4-6	H4-5	H5-6	gradational Wk (Med) Kael. A.H. Q.M. 463'	463	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s) qtz(s) qtz(s) qtz(s) qtz(s) qtz(s)					61							4435			.090		
H7							470	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s) qtz(s) qtz(s) qtz(s) qtz(s) qtz(s)					467									.08	.090		
							480	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s) qtz(s) qtz(s) qtz(s) qtz(s) qtz(s)					79								4436			.070	
							490	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s) qtz(s) qtz(s) qtz(s) qtz(s) qtz(s)					477								.06		.070		
							500	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s) qtz(s) qtz(s) qtz(s) qtz(s) qtz(s)					54								4437			.049	
							510	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s) qtz(s) qtz(s) qtz(s) qtz(s) qtz(s)					81									4438			.053
						gradational Wk (Med) Kael. A.H. Q.M. 496'	496	1/16 1/16 1/16 1/16-1/8; 1/8 1/16-1/8; 1/8 1/16-1/8; 1/8	qtz(s) qtz(s) qtz(s) qtz(s) qtz(s) qtz(s)					497								.06		.053		

HOLE No. 5667
SHEET No. 08 Of 10

SECTION _____ ENDAKO MINES

Dip	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS						
	Fiss	K-Spar.	Molc.	Texture					Footage	L To Core Axis	Width of Vein	Envelope (type)	Remarks	Weight in Grams		Sample Number	
														Core %	Sludge %	Core	Sludge
																Estimated Grade % MoS ₂	Estimated Grade % MoS ₂
								Combined									
					<p>534'-539.5' mod. to prominent shear - mo.</p> <p>Mod. Keol. Alt. DM</p>	<p>504-507' crackle zone</p> <p>Exp. murch.</p>	<p>504-507'</p> <p>507</p>	<p>4939</p> <p>.055</p>									
					<p>534'-539.5' mod. to prominent shear - mo.</p> <p>Keol. Alt. DM</p>		<p>Exp. YB</p> <p>3' full Keol. area.</p>	<p>4940</p> <p>.07</p>				.049					
								<p>4941</p> <p>.02</p>				.038					
								<p>4942</p> <p>.10</p>				.056					
								<p>4943</p> <p>.035</p>				.046					
								<p>4944</p> <p>.04</p>				.084					
								<p>4945</p> <p>.055</p>				.057					

SECTION _____

ENDAKO MINES

HOLE No. 5067

SHEET No. 09 Of 10

ROCK TYPES & ALTERATION							GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS											
Qtz.	Plag.	K-Sp.	Msfc.	Texture	Hardness	Rock Name / Appearance		To Core Axis 570	Width of Vein	Mineralization / Faulting (type)	Envelope (type)	Remarks	Fractures Frequency	Stickslab To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂							
Core		Sludge		Estimated Grade		Core Sludge												Core Sludge											
%	%	%	%	% MoS ₂	% MoS ₂	Core												Sludge	Core	Sludge	Combined								
						Mod. Kaol. Alt'n. GM	570-580	1/16-1/8 (A)	carb (A)											4946									
						Ksp enrichment	580-590	1/8, 1/16	carb (mo, sil); carb						91	577						.05		.067					
							590-600	1/8, 1/16, 1/32	g2 (hor), carb, clay, borax						86	587							.02	.038					
							600-602	1/16, 1/32	carb (A), chert, g2 (hor) (S), carb.						70										4948				
							602-603.8	1/8, 1/16	chert (Ksp), mo, carb, sil.						577											.095	.048		
grey (concrete)	gr. to blk.	red-brown (buff)	dk. gr.	coarse mottled		Mod - Int. Kaol. Alt'n	603.8-610	1/8, 1/16	mo, g2 (mo-silv), silv, clay, kaol, chl.		Ksp 1-2"			45													4949		
							610-620	1/8, 1/16	chl, ser, py, kaol, carb						607													.03	.158
grey (trans. gr.)	grey (H. gr.)	orange brown	blk. (dtk. gr.)	coarse		WK - Kaol. Alt'n. BM	620-630	1/8, 1/16	g2 (hor), carb (A), g2 (mo), g2 (silv), g2 (hor), carb, chl		Ksp Yd			82	617													4950	
							630-640	1/8, 1/16	carb, kaol, chl, kaol, ur, talc, g2 (hor), carb, chl						617													.02	.016
							640-645	1/8, 1/16	carb, kaol, chl, kaol, ur, talc, g2 (hor), carb, chl						70													4951	
							645-650	1/8, 1/16	g2 (mo), g2 (mo)						627													.015	.032
							650-660	1/8, 1/16	carb, chl, carb (A), borax, carb (A)						80													4952	
							660-670	1/8, 1/16	carb (A), borax, carb (A), chalcocite, bx						637													.015	.019

SECTION 8700

ENDAKO MINES

HOLE No. 5668
SHEET No. 01 Of 08

LOCATION Endako West Pit 3102 bench BEARING _____ LATITUDE 30758.83 CORE SIZE NG LOGGED BY PIERCE MANEUX
 DATE COLLARED Nov 15/89 LENGTH 507' DEPARTURE 26028.99 SCALE OF LOG 1"=10' DATE JAN 22, 1990 → JAN 24, 1990
 DATE COMPLETED Nov 16/89 DIP -90 ELEVATION 3106.115 REMARKS _____

D.L.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES						RECOVERY		ASSAY RESULTS						
	Frag.	K-Spar.	Mafic.	Texture	Hardness	Rock Name / Appearance		Footage	L To Core Axis		Width of Vein	Mineralization / Faulting (type)	Envelope (type)	Remarks	Fractures	Slickenside	L To Core Axis	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂
																					Core	Sludge	Core	Sludge	
						CASING 0'-30' NO CORE RECOVERED																			
H7	4-gr. to buff.	brown to green (blk)	blk	coarse	H5-6	Wk. (Med.) Keel. Bl' d. cat	30	1/4-1/2 1/2	Shaly, med. to g. ss. sh. shaly, med.			- core broken, rubby - much of indeterminate origin		rough fracture surfaces								4640			
							40	1/4-1/2 1/2	g. ss. sh. (dissom. of 1%) cat. med. gr.						0	37					.015		.031		
							50	1/4-1/2 1/2	g. ss. sh. (cat. d.) sh. med.						44		47					4641		.03	.030
							60	1/4-1/2 1/2	g. ss. sh. (cat. d.) sh. med. (len.) sh. med. (len.) sh. med. (len.)						40		57					4642		.03	.044
							70	1/4-1/2 1/2	g. ss. sh. (cat. d.) sh. med. (len.) sh. med. (len.) sh. med. (len.)						78		67					4643		.02	.044
							80	1/4-1/2 1/2	g. ss. sh. (cat. d.) sh. med. (len.) sh. med. (len.) sh. med. (len.)						88		77					4644		.06	.021

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HOLE No. S668
SHEET No. 04 Of 08

SECTION _____ ENDAKO MINES

D.T.	Plog	K-Spar	Mafic	Texture	Hardness	Rock Name/ Appearance	GRAPHIC LOG Alteration Footage STRENGTH To Core Ass	MINERALIZATION Width of Vein	STRUCTURES Envelopes (Type) Remarks	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS
										Frequency	Slickenside To Core Ass	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂
															Core	Sludge	Estimated	Sludge	
						(wk) Fresh. Kaol. Alt'n. Q.M. Coat.	10+30 45 60 75 90 105 120 135 150 165 180 195 210 220	1/16 1/8 1/4 1/2 3/4 1/2 1/4	carb+car (calc) qs+hem (ss) carb+crystal. carb, ser, talc		55				4659				
							230	1/16 1/8 1/4 1/2 3/4 1/2 1/4	aprite dyke. qs+hem (ss) ser, quartz (s) Ksp	Ksp 1/4 (B)		227			.015		.021		
							240	1/16 1/8 1/4 1/2 3/4 1/2 1/4	qs+hem (ss) carb Ksp	Ksp 1/4 (B)		79			4660				
							246	1/16 1/8 1/4 1/2 3/4 1/2 1/4	carb (small) qs+hem Ksp	Ksp 1/4		237			.015		.030		
							250	1/16 1/8 1/4 1/2 3/4 1/2 1/4	carb, ser, talc qs+hem Ksp	Ksp 1/4		70			4661				
							250	1/16 1/8 1/4 1/2 3/4 1/2 1/4	qs+hem Ksp	Ksp 1/4		247			.02		.021		
							260	1/16 1/8 1/4 1/2 3/4 1/2 1/4	tal, ser Ksp	Ksp 1/4 (B)		31			4662				
							260	1/16 1/8 1/4 1/2 3/4 1/2 1/4	tal, ser Ksp	Ksp 1/4		257			.013		.018		
							261-263'	1/16 1/8 1/4 1/2 3/4 1/2 1/4	shear: tal, ser, talc Ksp			20			4663				
							269.2'	1/16 1/8 1/4 1/2 3/4 1/2 1/4	shear: tal, ser, talc Ksp			267			.125		.112		
							270.2'	1/16 1/8 1/4 1/2 3/4 1/2 1/4	shear: tal, ser, talc Ksp			27			4664				
							270.5'	1/16 1/8 1/4 1/2 3/4 1/2 1/4	shear: tal, ser, talc Ksp			28			.08		.079		
							280	1/16 1/8 1/4 1/2 3/4 1/2 1/4	tal, ser + mo qs+hem Ksp	Ksp 1/4		277			4665				
							290	1/16 1/8 1/4 1/2 3/4 1/2 1/4	tal, ser + mo qs+hem Ksp	Ksp 1/4		50			4665				
							290	1/16 1/8 1/4 1/2 3/4 1/2 1/4	shear: tal, ser, talc Ksp			287			.025		.060		

SECTION _____

ENDAKO MINES

HOLE No. 5668
SHEET No. 06 Of 08

ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES				RECOVERY		ASSAY RESULTS					
Qtz.	Plag.	K-Spar.	Mafic.				Texture	Hardness	Rock Name/ Appearance	Fractures	Stitchwelds	R O D	Footage Blotches	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	
										Frequency	∠ To Core	∠ To Core	Footage		Core	Sludge	Core	Sludge
												%	%	Estimated	Grade	Core	Sludge	Combed
						Wk (Fresh) Kal. Alt'n QM cont		rough fracture surfaces		86	367			4673				
																	.011	
										92	377			4674				
																	.045	
														4675				
						380's Wk-Med. Kal. Alt'n QM				85	387						.021	
														4676				
										92	397						.033	
														4677				
										98	407						.061	
														4678				
										95	417						.057	
														4679				
										93	427						.019	

SECTION _____

ENDAKO MINES

HOLE No. 5668
SHEET No. 07 Of 08

Gtz.	ROCK TYPES & ALTERATION						GRAPHIC LOG (Scale 1" = 10')	MINERALIZATION & STRUCTURES			Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Plag	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance		To Core 420	Width of Vein	Mineralization/ Fouling type		Envelope (Type)	Frequency	Stickiness To Core 420	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
																		Core	Sludge	Core	Sludge	Core	Sludge		
																								Estimated	Grade
%	%	% MoS ₂	% MoS ₂	Combined																					
						WK (Fresh) Kaol. Alt'd. G.M. cont. 431'-432' mod. alt'n.	420	hi(?) 2"	carb(?) 1/2-Vu-ma; brd. carb. g. mo. / Sr.																
							440	hi(?) hi(?) hi(?) 1/2	carb(?) carb(?) carb-ma? carb. mar.				87	437					4680					.045	
							450	hi(?) 1/2-Vu 1/2 hi 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu	carb(?) carb carb mo carb; g. mo. carb; carb-ma? carb(?)	Ksp. Vu			86	447					4681					.017	
							460	hi-Vu(?) 1/2-Vu 1/2-Vu hi-Vu(?) hi-Vu(?) 1/2-Vu	carb(?) carb carb carb carb carb	Ksp. Vu(?)				73	457					4682					.056
gray to coral H6-7	Hgr to green with H2-3	red brown to red H5	green to dk. gr. H4	coarse mottled H5		WK - Mod. Kaol. Alt'd. G.M. major shear	423' 460'	1/2-Vu(?) hi-1/2-Vu 1/2 hi 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu	carb(?) g. mo.; g. carb(?) 1/2 carb; 1/2 Sr. (brd.) mo mo carb; carb-ma (brd.) (Ksp. Vu) carb; carb; clay; calc. (cl. Sr.) mo				77	467					4683					.062	
							480	1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu	carb-mo clay; clay, calc. (cl. Sr.) 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu	Ksp. Vu-1/2-Vu			67	477					4684					.072	
						alter. / p. interval	480' 490.9'	1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu	mo; clay, carb, calc. (cl. Sr.) brd. (brd. Sr.) mo brd. Sr. mo carb; calc. (cl. Sr.) carb; g. mo. (Sr.); carb(?) carb; calc. (cl. Sr.) mo	Ksp. Vu	5 shear / m interval								4685					.07	
						apite dyke	490.5 490.9	1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu	apite dyke mo mo mo mo mo mo mo mo				52	487					4686					.044	
							500	1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu 1/2-Vu	mo brd. Sr. mo mo mo mo mo mo mo				69	497					4686					.051	

SECTION 9100

ENDAKO MINES

HOLE No. 5669SHEET No. 01 Of 10LOCATION Endako - West Pit

BEARING

LATITUDE 30729.87CORE SIZE NALOGGED BY Pierre MandelDATE COLLARED Nov 16/89LENGTH 67.7'DEPARTURE 26431.28SCALE OF LOG 1" = 10'DATE FEBRUARY 01, 1990 → FEB. 06, 1990DATE COMPLETED Nov 18/89DIP -90ELEVATION 3041.19

REMARKS

ROCK TYPES & ALTERATION							GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY		RESULTS			
D.L.	Plog	H-Spec.	Mofc.	Texture	Horizons	Rock Name/ Appearance		L To Core A.S.E.	Width of Vein	Mineralization/ Fooling (Type)	Envelopes (Type)	Remarks	L To Core Frequency	Slicenside L To Core A.S.E.	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																		Core	Sludge	Estimated	Grade	Core	Sludge
						CASING : NO CORE RECOVERED.																	
H7	H-3-5	Orange (weak)	H5-6	H3-5	H5-6	MC (Med) Kw. A.M. QM	10	1'	garnet quartz Kfs					40	17				4825				.047
							20	1/2'	chert Kfs					75	27				4826				.050
							30	1/2'	chert Kfs					68	31				4827				.031
							40	1/2'	garnet quartz Kfs					76	47				4828				.002
							50	1/2'	garnet quartz Kfs						54				4829				.071
							60	1/2'	chert Kfs						57				4830				.05

HOLE No. 5669
SHEET No. 02 of 10

SECTION _____ ENDAKO MINES

D.T.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS											
	Flag	K-Spar.	Mafic.	Texture				Hardness	Rock Name/ Appearance	L To Core Axis	Width of Vein	Mineralization/ Fouling (Type)	Envelope (Type)	Remarks	L to Core Frequency	Slickenside L To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																				Core %	Sludge %	Core	Sludge	Core	Sludge	Combined
%	%	% MoS ₂	% MoS ₂																							
					Wk. (Mud) Ksp. An. QM (Fract) cont.									52	67				4830			.03	.069			
														71					4831			.01	.025			
										py dissen. 10-20%				75					4832							
										py in v. first appear.				87					4833			.075	.139			
														83					4834			.06	.142			
					101.5'-102.5' mud kcal silic apite dyke 105' 106.5'									107					4835			.01	.031			
														80					4836			.025	.097			
														85					4836							

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Paul Buckley Eng 02 061

HOLE No. 1069
SHEET No. 04 Of 10

SECTION _____ ENDAKO MINES

DIT	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Plug	K-Spar.	Mafic.	Texture	Hardness	Rock Name & Appearance		Footage	To Core Axis	Width of Vein	Mineralization / Foliating (Type)	Envelope (type)	Remarks	Frequency	Slickenside ↓ To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
																			Core %	Sludge %	Core	Sludge	Core	Sludge	Core	Sludge
	Comd.					(Wk) - Mod. Kaol. AH in BM major shear. 2027			1/8-1/8	low ss shear: cly, Kaol, chl, carb. 1' 1/8 (4) shear: cly, Kaol, chl, carb, ss chl, cly 1/2 1/8 (3) (Slickenside); carb. 1/8 1" <i>< 1% dissem of Calc (see 26)</i>	Wk. Yk.	-bun.			50	207				4844		.05		.078		
									1/8-1/8 (2)	gssano (2) chl 1/8 (2) 1/8 (2) 1/8 (2) (w-ll) (2) 1/8 1/8-1/8 (2) chl (2)	Wk. Yk - Yk (2). Wk. Yk Wk. Yk (2)				82	217				4845		.09		.148		
						method core: texture impr. dissem. & small ths. to - 2' of - gssano, fls indistinct 1.7'			1/8 chl (2) 1/8-1/8 (3) chl (1) chl (5) 1/8	gssano chl (2) carb (1) chl (5) chl (w-ll) 1/8 1/8-1/8 1/8	Wk. Yk. Wk. Yk - Yk.				91	227			4846		.015		.037			
									1/8-1/8 (2)	gssano (2) chl (2) carb (w-ll) (1) 1/8-1/8 chl (2) chl, Kaol, chl, (gssano) (1) gssano (1), chl 1/8	Wk. Yk (2) (Wk) / Ksp Yk - Yk (4)				83	237			4847		.075		.125			
									1/8	chl, Kaol (2) gssano chl gssano (2) Folk. gssano (?) chl, cly chl - chl 1/8 1/8-1/8 chl 1/8	Wk. Yk - Yk				80	247			4848		.02		.048			
									1/8	gssano (2) chl; Wk. Yk gssano (carb) chl, chl chl (2) chl chl (2) chl, chl, Kaol ss	Wk. Yk - Yk Wk. Yk (2) Wk. Yk (4) - 2' gssano carb Wk. - 2' distinct band. 2x 1/8" min.				81	257			4849		.08		.052			
									1/8	chl carb, gssano									4850							
						2.5' interval of staining; chert, lead, Mn, Zn, (Cbn.)			1/8	gssano (2) chl; Wk. Yk chl chl, chl (14) chl (2) chl 1/8									4851		.025		.057			

SECTION _____

ENDAKO MINES

HOLE No. 5669
SHEET No. 10 Of 10

ROCK TYPES & ALTERATION							GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS									
Qtr.	Frag.	K-Spar.	Mafic.	Texture	Hardness	Rock Name / Appearance		Footage	L To Core Axis	Width of Vein	Mineralization / Fossiliferous (Type)	Envelope (Type)	Remarks	Frequency	Silicified L To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂				
																			Core	Sludge	Core	Sludge	Core	Sludge			
																									%	%	Estimated
																		Combined									
						Fresh (Wk Kad. AH ₂) QM cont		620						Tough fracture surfaces							4886						
								630							73	627							↑	.103			
gray redgy trans	Hgr to buff.	orange brown to buff	Wk. to dk. gr.	coarse (mineral)		Wk. Kad. AH ₂ QM.									66	637								4887			
H7	H4-S	H5-6	H4-S		H4-6			640								637									.04	.056	
								650			Ksp. Yb					71	647								4888		
											Ksp. Yb					647										.03	.084
																87	657									4889	
								660			Ksp. Yb Ksp. 1"					657										.025	.034
												Crackles bet 655'-677'				60										4890	
								670			Ksp. Yg					667										.03	.1025
											Ksp. Yz					80										4891	
						E.O.H.		677								677										.025	.048