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GOVERNMENT AGENT

DIAMOND DRILLING REPORT
FOR THE
FRANDER AND MISPAT GROUPS OF MINERAL CLAIMS
OMINECA MINING DIVISION
NTS 93K/3E
LAT: 54°N LONG: 125°E
BY
PLACER DOME INC.
ENDAKO MINES DIVISION
ENDAKO, B.C.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,182

M. SMITH, P.Eng.
G. WONG

January 10, 1992

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1.0 INTRODUCTION

Twenty-two NQ wireline diamond drill holes (S701 - S722) totalling 2861.46 meters were drilled within the Northeast Endako Open Pit and along its highwall crest, primarily for delineation of possible extensions to the Endako ore zone.

The drill program consisted of two phases, of which the first phase commenced on August 6, 1991 and finished on August 19, 1991, totalling 1767.84 m. The second phase drilling commenced on October 20, 1991 and finished on October 28, 1991, completing the remaining 1093.62 meters. The drilling project costs are being submitted for assessment work on the Frander and Mispit Groups of Mineral Claims.

2.0 PROPERTY DEFINITION

2.1 Mineral Claims

The following mineral claims are grouped under separate grouping notices:

MINERAL CLAIM	RECORD NUMBER	DUE DATE	GROUP NAME
Al 4 FR	18955	10/04/95	FRANDER
Bar 1 FR	21222	23/08/95	FRANDER
Bar 1 A FR	14054	17/07/95	FRANDER
Bar 2 FR ML #301	14055	01/01/93	FRANDER
Bingo 31	14246	07/09/94	FRANDER
Bingo 33	14248	07/09/94	FRANDER
Bingo 34	14249	07/09/94	FRANDER
Bingo 35	14250	07/09/94	FRANDER
Bingo 36	14251	07/09/94	FRANDER
Bingo 37	14252	07/09/94	FRANDER
Bingo 38	14253	07/09/94	FRANDER
Bingo 39	14254	07/09/94	FRANDER
Bingo 40	14255	07/09/94	FRANDER
Boot 4 ML #297	13125	09/07/92	FRANDER
Boot 5 ML #288	13126	09/07/92	FRANDER
Boot 7	13166	26/07/95	FRANDER
Boot 8 ML #294	13167	15/07/92	FRANDER
Boot 14 ML #293	13173	17/07/92	FRANDER
Co 1	14111	23/08/95	FRANDER
Co 2	14112	23/08/95	FRANDER
Co 3	14113	23/08/95	FRANDER

MINERAL CLAIM	RECORD NUMBER	DUE DATE	GROUP NAME
Co 4	14114	23/08/95	FRANDER
Co 5	14115	23/08/95	FRANDER
Co 6	14116	23/08/95	FRANDER
Co 25 FR	54646	22/09/95	FRANDER
Co 30	387	22/07/95	FRANDER
Co 31	388	22/07/95	FRANDER
Deer 1	14645	02/04/99	FRANDER
Deer 2	14651	02/04/99	FRANDER
Deer 3	14651	02/04/99	FRANDER
Deer 3 FR	18683	22/03/99	FRANDER
Deer 4	14652	02/04/99	FRANDER
Deer 4 FR	18684	22/03/99	FRANDER
Deer 5	14647	02/04/99	FRANDER
Deer 5 FR	40222	17/06/99	FRANDER
Deer 6	14648	02/04/99	FRANDER
Deer 6 FR	40223	17/06/99	FRANDER
Deer 7	14649	02/04/99	FRANDER
Deer 8	14650	02/04/99	FRANDER
Deer 9	14653	02/04/99	FRANDER
Deer 10	14654	02/04/99	FRANDER
Deer 11	14655	02/04/99	FRANDER
Deer 12	14656	02/04/99	FRANDER
Fran 1	14076	11/08/94	FRANDER
Fran 1 FR	19150	14/05/94	FRANDER
Fran 2	14077	11/08/94	FRANDER
Fran 2 FR	22761	16/08/94	FRANDER
Fran 3	14078	11/08/94	FRANDER

MINERAL CLAIM	RECORD NUMBER	DUE DATE	GROUP NAME
Fran 3 FR	28847	17/03/94	FRANDER
Fran 4	14079	11/08/94	FRANDER
Fran 4 FR	28848	17/03/94	FRANDER
Fran 5	14080	11/08/94	FRANDER
Fran 5 FR	47591	02/03/94	FRANDER
Fran 6	14081	11/08/94	FRANDER
Fran 6 FR	47592	02/03/94	FRANDER
Fran 7	14082	11/08/94	FRANDER
Fran 7 FR	47593	02/03/94	FRANDER
Fran 8	14083	11/08/94	FRANDER
Fran 8 FR	47594	02/03/94	FRANDER
Fran 9	14084	11/08/94	FRANDER
Fran 10	14085	11/08/94	FRANDER
Fran 11	14086	11/08/94	FRANDER
Fran 12	14087	11/08/94	FRANDER
Fran 13	14088	11/08/94	FRANDER
Fran 14	14089	11/08/94	FRANDER
Fran 15	14090	11/08/94	FRANDER
Fran 16	14091	11/08/94	FRANDER
Fran 17	14092	11/08/94	FRANDER
Jay 10 ML #291	12385	12/02/92	FRANDER
Mo 1	13175	02/08/95	FRANDER
Mo 2	13176	02/08/95	FRANDER
Mo 3	13177	02/08/95	FRANDER
Mo 4	13178	02/08/95	FRANDER
Mo 8	13182	02/08/94	FRANDER
Tan 1	13426	07/11/95	FRANDER

MINERAL CLAIM	RECORD NUMBER	DUE DATE	GROUP NAME
Tan 1 FR	22110	02/07/95	FRANDER
Tan 2	13427	07/11/95	FRANDER
Tan 2 FR	21223	17/07/95	FRANDER
Tan 3 ML #313	13428	01/01/93	FRANDER
Vz 1	65846	16/01/94	FRANDER
Vz 2	65847	16/01/94	FRANDER
Vz 3	65848	16/01/94	FRANDER
Vz 4	65849	16/01/94	FRANDER
Vz 5	65850	16/01/94	FRANDER
Vz 6	65851	16/01/94	FRANDER
Vz 7	65852	16/01/94	FRANDER
Vz 8	65853	16/01/94	FRANDER
Vz 9	65854	16/01/94	FRANDER
Vz 10	65855	16/01/94	FRANDER

MINERAL CLAIM	RECORD NUMBER	DUE DATE	GROUP NAME
Boot 1 ML #284	13122	20/06/92	MISPAT
Boot 2 ML #285	13123	20/06/92	MISPAT
Boot 6 ML #287	13127	09/07/92	MISPAT
Boot 15 ML #298	13174	01/01/93	MISPAT
Boot 15 FR ML #299	24467	01/01/93	MISPAT
Casey 1	339	24/06/96	MISPAT
Casey 3	2097	13/08/96	MISPAT
Casey 4	2098	13/08/96	MISPAT
Co 7	14649	23/08/95	MISPAT
Co 8	14650	23/08/95	MISPAT
Dolly 3 FR	46523	20/11/96	MISPAT
Dolly 4 FR	46524	22/11/96	MISPAT
Dolly 8 FR	57091	13/12/95	MISPAT
Dolly 9 FR	57087	13/12/95	MISPAT
Dolly 10 FR	57088	13/12/96	MISPAT
Dolly 12 FR	65145	02/12/96	MISPAT
Dolly 19	57089	13/12/95	MISPAT
Dolly 20	57090	13/12/95	MISPAT
Dolly 30	223	18/02/96	MISPAT
Dolly 31	224	18/08/96	MISPAT
Fran 100	222	28/01/96	MISPAT
Fran 101	2094	13/08/96	MISPAT
Fran 102	2095	13/08/96	MISPAT
Fran 103	2096	13/08/96	MISPAT
Mist 1	54756	15/09/96	MISPAT
Mist 2	54757	15/09/96	MISPAT
Mist 3	54758	15/09/96	MISPAT

MINERAL CLAIM	RECORD NUMBER	DUE DATE	GROUP NAME
Mist 11	54766	15/09/96	MISPAT
Mist 12	54767	15/09/96	MISPAT
Mist 20	373	11/06/96	MISPAT
Mist 21	374	11/06/96	MISPAT
Mist 22	3358	07/11/96	MISPAT
Mist 23	3359	07/11/96	MISPAT
Mist 24	3360	07/11/96	MISPAT
Mo 1 FR	19149	14/05/95	MISPAT
Mo 2 FR ML #296	21624	23/09/92	MISPAT
Mo 3 FR ML #292	21625	08/08/92	MISPAT
Mo 4 FR ML #289	21626	10/08/92	MISPAT
Mo 5 ML #290	13179	23/09/92	MISPAT
Mo 6 ML #295	13180	23/09/92	MISPAT
Mo 7 ML #300	13181	01/01/93	MISPAT
Pat 97	15476	05/07/96	MISPAT
Pat 99	15478	05/07/96	MISPAT
Pat 101	15480	05/07/96	MISPAT
Pat 103	15482	05/07/96	MISPAT
Pat 105	15484	05/07/96	MISPAT
Pat 107	15486	05/07/96	MISPAT
Pat 108	15487	05/07/96	MISPAT
Pat 109	15488	05/07/96	MISPAT
Pat 110	15489	05/07/96	MISPAT
Pat 111	15490	05/07/96	MISPAT
Pat 112	15491	05/07/96	MISPAT
Pat 113	15492	05/07/96	MISPAT
Pat 114	15493	05/07/96	MISPAT

MINERAL CLAIM	RECORD NUMBER	DUE DATE	GROUP NAME
Pat 116	15495	05/07/96	MISPAT
Pat 130	47876	16/03/95	MISPAT
Pat 131	47877	16/03/95	MISPAT
Pat 132 FR	47878	16/03/95	MISPAT
Pat 133 FR	47879	16/03/95	MISPAT

The Frander and Mispat Claim Groups are groupings of 99 contiguous claims and/or units each. All the claims are held by Placer Dome Inc., Endako Mines Division.

2.2 Location

The Frander and Mispat Mineral Claim Groups are located approximately 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 the quadrilateral, latitude 54° N and longitude 125° E.

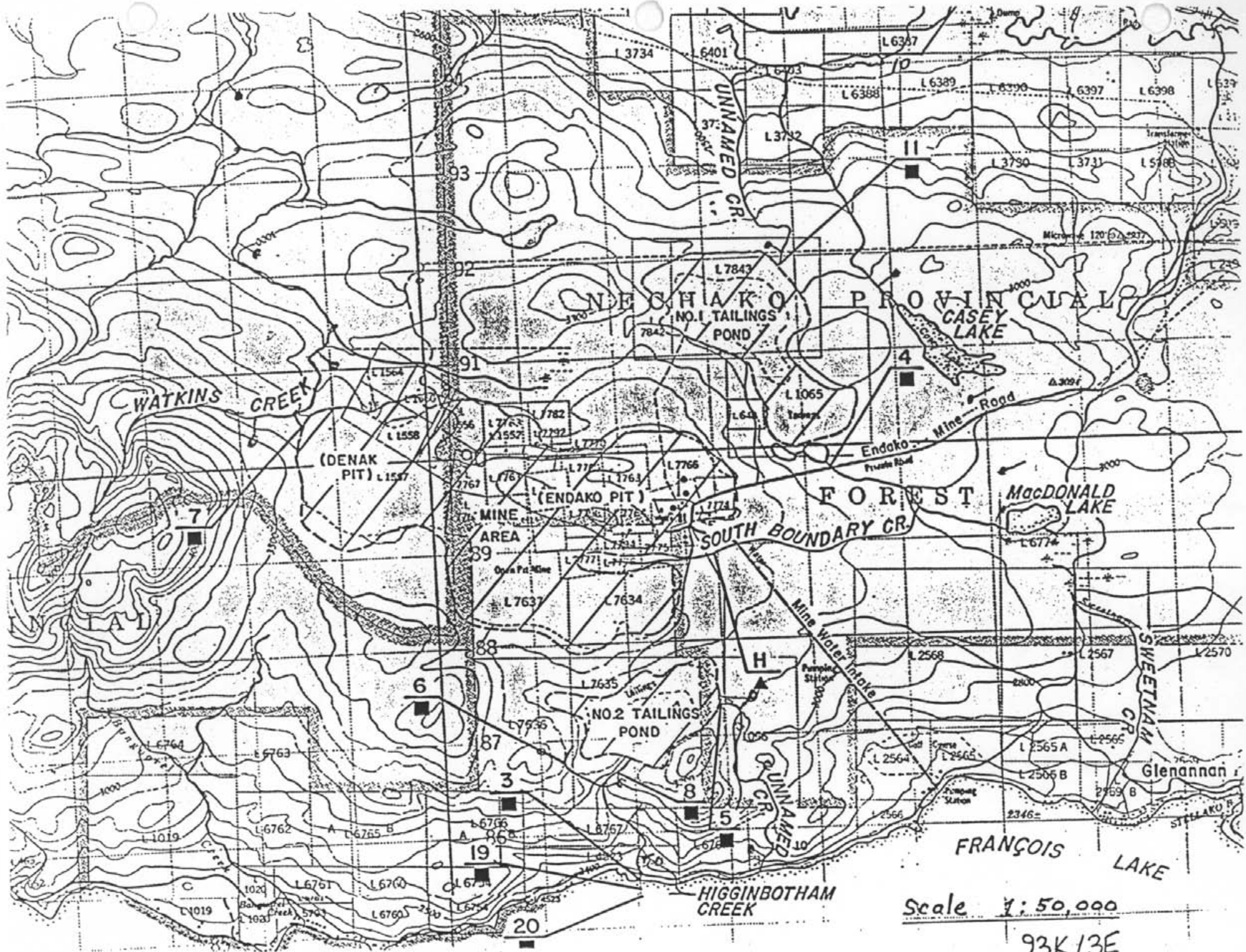
2.3 History

The various claims of that comprise the Frander and Mispat Mineral Claim Groups were staked and recorded over a time period spanning the early 1960's to late 1980. During this period, exploratory field work done on these claims included geochemical sampling and diamond and percussion drilling.

The current program being submitted for assessment was designed to test for molybdenite mineralization at depth.

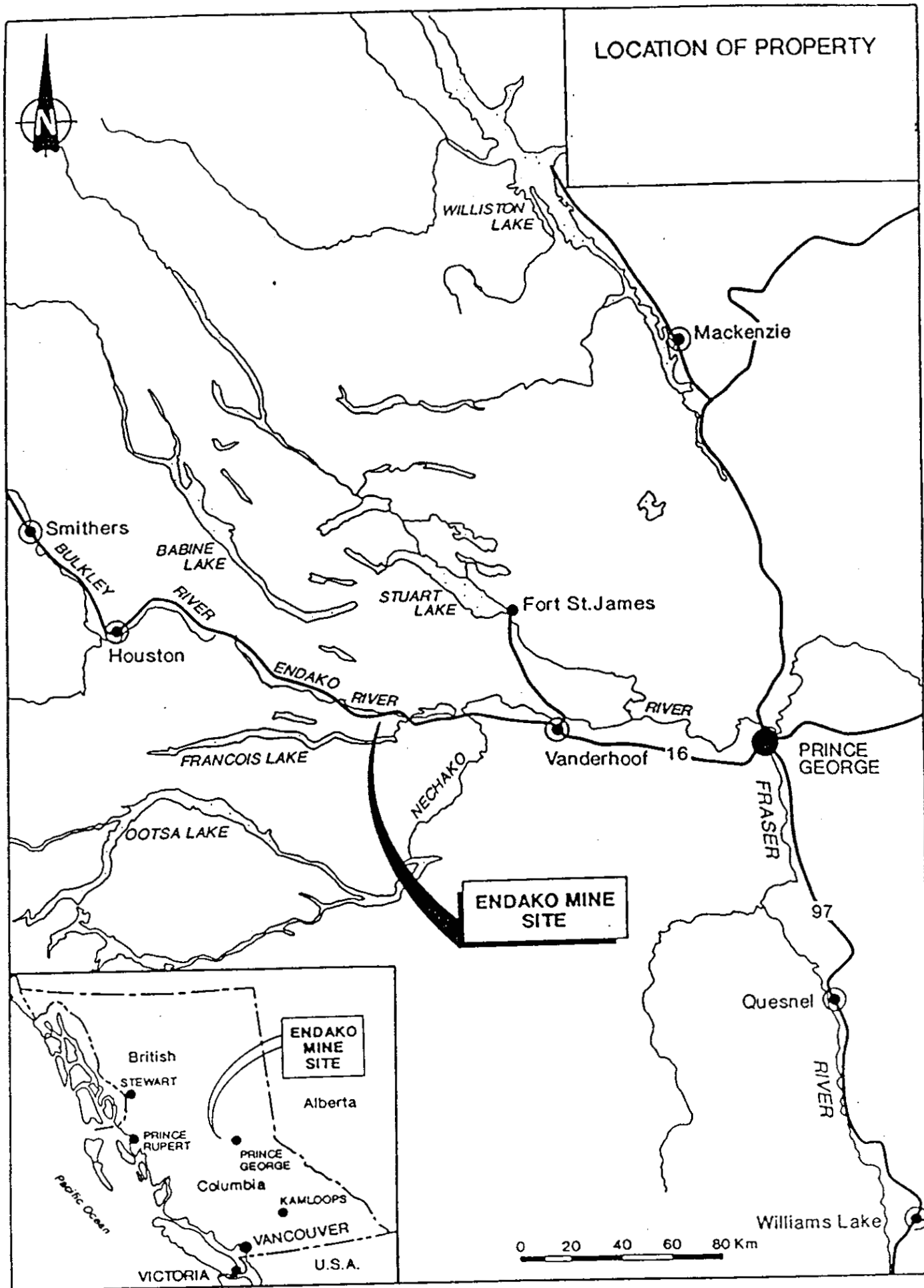
2.4 Ownership and Operatorship

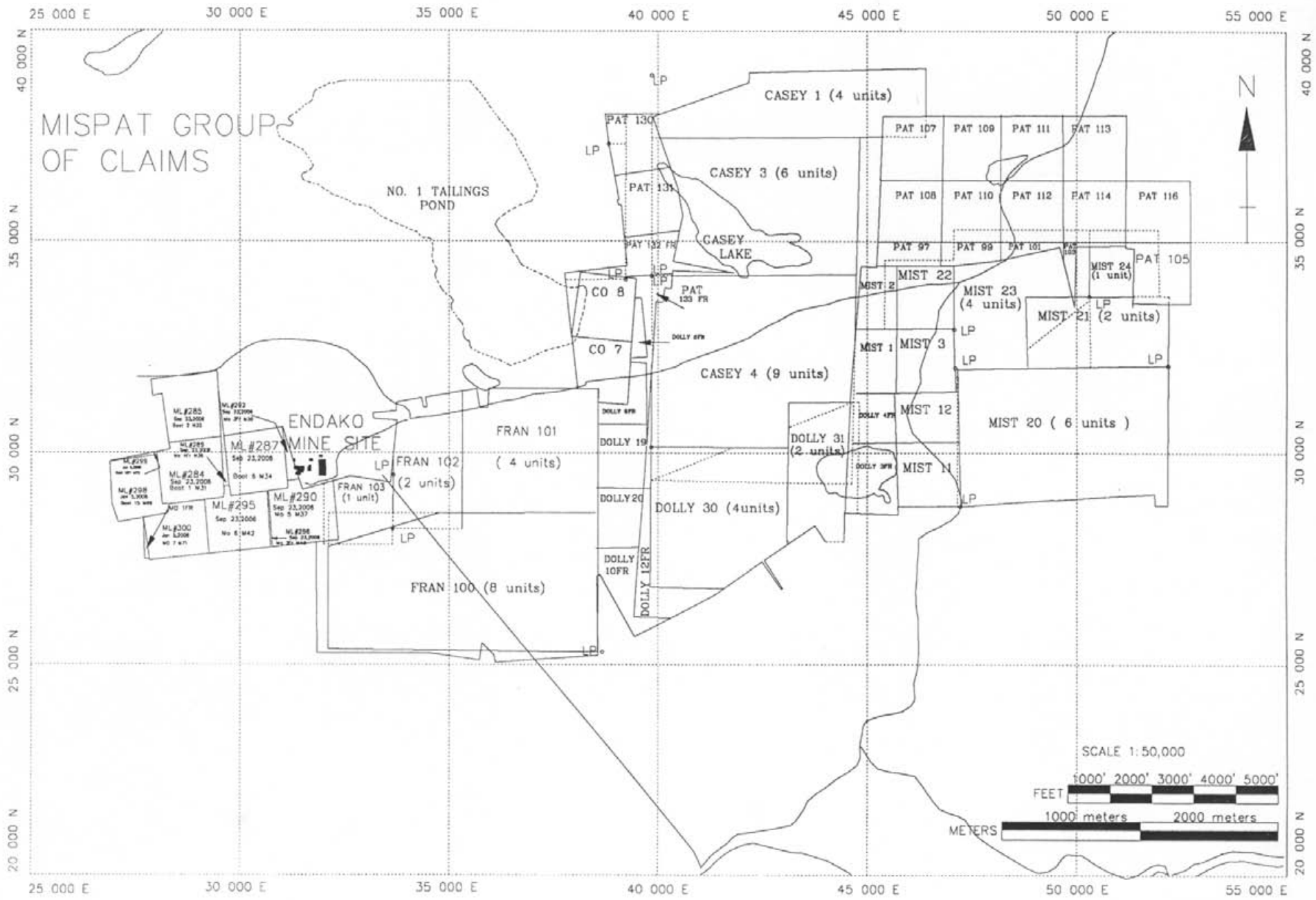
All mineral claims within the Frander and Mispat Claim Groups are registered under Placer Dome Inc., Endako Mines Division. All the field work for this diamond drill program was coordinated by this firm's staff.



Scale 1:50,000

93K13E







2.5 General Economic Assessment

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

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 22 holes were drilled is appended.

3.2 Diamond Drilling

Twenty-two NQ wireline diamond drill holes (S701 - S722) totalling 2861.46 meters were drilled on **Mining Leases #287 (Boot 6), #292 (Mo 3 FR), and #294 (Boot 8)** of the **Frander and Mispat Claim Groups**.

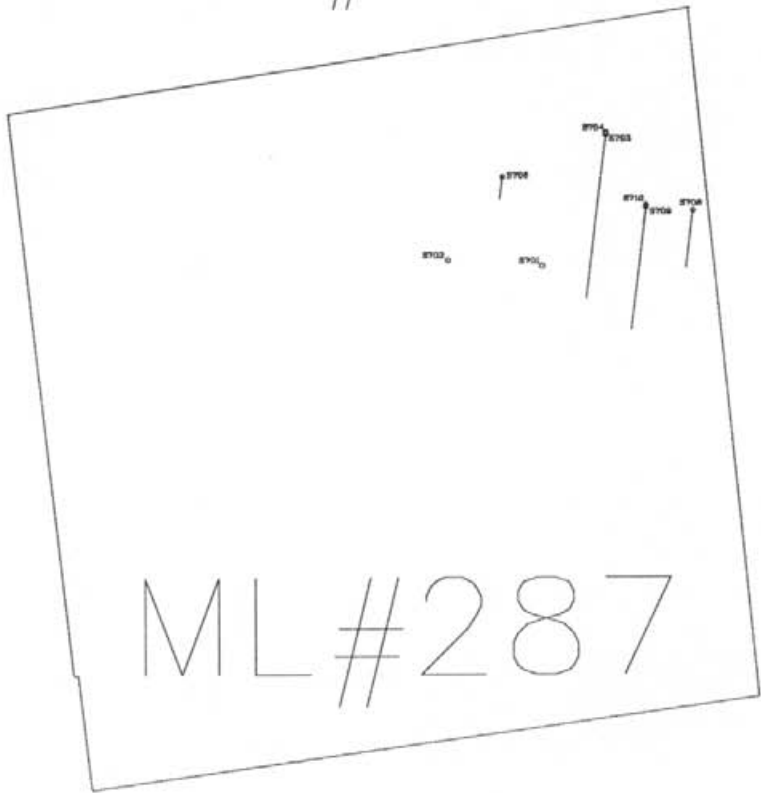
ML #287	:	S701, S702, S703, S704, S705, S708, S709, S710	= 39.4% of drill program
ML #292	:	S705, S707, S720	= 14.9% of drill program
ML #294	:	S711, S712, S713, S714, S715, S716, S717, S718, S719, S721, S722	= 45.7% of drill program

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

31000N
29000E

31500E
31000N

DDH LOCATION FOR
MINING LEASE #287



28500N
29000E

28500N
31500E

30000E

31000E

31000N

31000N

DDH LOCATION FOR MINING LEASE #292

S705

S720
S707

ML#292

29000N

30000E

29000N

31000E



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 sampled in corresponding ten foot (approximately three meter) intervals for assaying. Very few ore grade samples of core resulted from the sampling.

Diamond drill logs with assay results are appended.

3.4 Sampling and Analyses

Entire core of ten foot intervals were sent as individual samples for assay. All samples were assayed for %MoS₂ content at Endako Mines Assay Laboratory on-site. The analytical procedures and techniques are documented along with analytical accuracy and precision in Appendix IV.

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 colour 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.

No major faulting was encountered. Pre-mineral aplite, andesite, and quartz-feldspar porphyry dyke was intersected and noted in the drill logs.

5.0 STATEMENT OF EXPENDITURES

The following expenditures were incurred by Placer Dome Inc., Endako Mines Division for 22 diamond drill holes (S701 - S722) totalling 2861.46 m (9388.0 ft):

A. PERSONNEL EXPENSES:

Employee	Employment Period		No. of Days	% Time	Rate	Cost
	Start	End				
M. Smith	02/07/91	31/07/91	22	40	\$250.00	\$2,200.00
	01/08/91	30/08/91	25	85	\$250.00	\$5,312.50
	03/09/91	30/09/91	23	85	\$250.00	\$4,887.50
	01/10/91	31/10/91	25	40	\$250.00	\$2,500.00
	01/11/91	29/11/91	21	70	\$250.00	\$3,675.00
M. Habsburg	12/08/91	30/08/91	15	70	\$140.00	\$1,470.00
	03/09/91	30/09/91	20	90	\$140.00	\$2,520.00
	01/10/91	31/10/91	23	35	\$140.00	\$1,127.00
	01/11/91	27/11/91	19	90	\$140.00	\$2,394.00
G. Wong	02/12/91	10/01/92	18	50	\$250.00	\$2,250.00

TOTAL PERSONNEL COST

\$28,336.00

Unit Personnel Cost =

\$3.02 /ft
\$9.90 /m

B. REPORT PREPARATION:

Computer charges only

TOTAL REPORT PREPARATION

\$2,000.00

Unit Report Cost =

\$0.21 /ft
\$0.70 /m

C. DIAMOND DRILLING COSTS:

Contractor: L.D.S. Diamond Drilling Ltd., Kamloops, B.C.

Invoice Aug. 6 - August 15

Invoice Aug. 16 - August 19

Invoice Oct. 21 - Oct. 28

TOTAL DRILLING CHARGES

\$112,147.24

Unit Drilling Cost =

\$11.95 /ft
\$39.19 /m

D. ASSAYING COSTS:

1614 samples for % MoS₂ @ \$ 8.50/Sample

\$13,719.00

TOTAL ASSAYING COSTS

E. MISCELLANEOUS COSTS:

Sludge Bags/Galvanized Containers

Site Prep/Survey/Water Supply Truck

TOTAL MISCELLANEOUS COSTS

\$2,964.34

TOTAL PROJECT COSTS

\$159,166.58

6.0 DISTRIBUTION OF EXPENSES AMONG THE CLAIM GROUPS

A. ML #287 - MISPAT GROUP

3700 ft of drilling	
1127.76 m of drilling	
39.412 % of drill program	
Drilling Charge @ \$39.19/m	\$44,199.47
Assay Costs @ \$8.50 * 636 samples	\$5,406.93
Mine Personnel	\$11,167.78
Report Preparation	\$788.24
Miscellaneous	\$1,168.31

TOTAL \$62,730.73

B. ML #292 - MISPAT GROUP

1400 ft of drilling	
426.72 m of drilling	
14.913 % of drill program	
Drilling Charge @ \$39.19/m	\$16,724.52
Assay Costs @ \$8.50 * 241 samples	\$2,045.91
Mine Personnel	\$4,225.75
Report Preparation	\$298.26
Miscellaneous	\$442.07

TOTAL \$23,736.51

C. ML #294 - FRANDER GROUP

4288 ft of drilling	
1306.98 m of drilling	
45.675 % of drill program	
Drilling Charge @ \$39.19/m	\$51,223.25
Assay Costs @ \$8.50 * 737 samples	\$6,266.15
Mine Personnel	\$12,942.47
Report Preparation	\$913.50
Miscellaneous	\$1,353.96

TOTAL \$72,699.34

TOTAL DISTRIBUTION OF EXPENSES

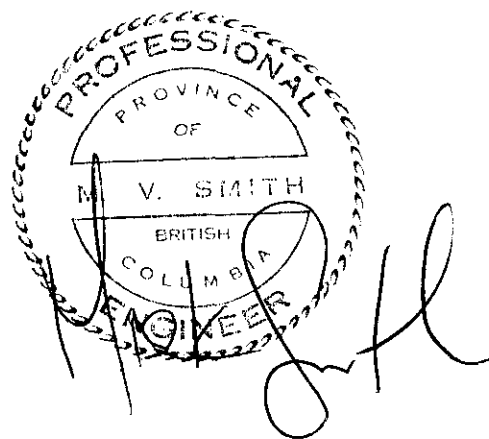
\$159,166.58

7.0 CONCLUSIONS


Twenty-two NQ wireline diamond drill holes (S701 - S722) totalling 2861.46 meters were drilled at an average project cost of \$55.62 per meter or \$16.95 per foot on Mining Leases #287, #292, #294 of the Frander and Mispat Claim Groups. The molybdenite mineralization encountered at depth was predominantly narrow/confined and sub-economic.

Submitted by,

Placer Dome Inc.
Endako Mines Division



M. Smith, P.Eng.
Geological Engineer/Mine Geologist


Gary Wong
Mine Geologist

APPENDIX I

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 and a member of the Association of Professional Engineers and Geoscientists 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 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.
4. I personally planned and supervised the diamond drill program and performed the core logging.
5. I personally supervised the work carried out by helper/sampler Marcell Habsburg.
6. To the best of my knowledge the results and interpretations are correct.

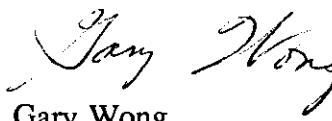


Mark Smith, P.Eng.

GARY Y. WONG

I, Gary Yee-Yuen Wong, of Placer Dome Inc., Endako Mines Division, Endako, B.C., do hereby certify that:

1. I am a graduate of the University of British Columbia with a B.A.Sc. in Geological Engineering in 1987.
2. I am a member in good standing with the Association of Professional Engineers of Saskatchewan (Member No. 6347), the Canadian Institute of Mining, Metallurgy and Petroleum, and the Society for Mining, Metallurgy, and Exploration, Inc.
3. I have *continuously practiced exploration geology and economic evaluations in British Columbia, Northern Saskatchewan, Manitoba, and Tanzania, East Africa* from 1987 to December of 1991. I have been engaged in an open pit mining operation in British Columbia since December of 1991.
4. I assisted in the compilation and submittal of the results of this report.


Gary Wong

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



PLACER DOME INC.

ENDAKO, B.C.
CANADA
V0J 1H0
TEL: (604) 699 6211
FAX: (604) 699-7775

ENDAKO
MINES
DIVISION



THIS AGREEMENT made the 25th day of July, 1991.

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 Five Thousand (5,000) 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 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 **6th day of August, 1991** and to complete on or about the **31st day of August, 1991**.

4. PRICE:

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

(a) CORE DRILLING (NQ)

Footage	Price per Foot
0 - 500	\$ 11.00
500 - 1000	\$ 12.50
1000 - 1500	\$ 14.00

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:

Footage	Price per Foot
0 - 50	\$ 11.00
50 - 100	\$ 12.50
100 - 150	\$ 14.00

7. FIELD COST:

It is agreed that Field Cost shall be interpreted here and hereinafter to mean that 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. Whenever 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 is available from a local fire hydrant but will be pumped by the Contractor (if necessary) at his own expense, up to a distance of 2000 feet horizontally and up to 102 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. Endako will provide a water truck, at no charge to the Contractor, approximate capacity 7,000 gallons, only for specified holes (2 holes) on the North East Haul Road of the Endako Open Pit.

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.

15. CORE/SLUDGE:

The drilling shall be conducted so as to produce maximum core recovery with reasonable precaution taken to prevent crushing, wearing or grinding the core. To ensure maximum core recovery, the Contractor will supply experienced wireline operators. All cores recovered by the Contractor shall be carefully marked and placed in receptacles to be furnished by Endako. Endako will be responsible for the transportation of the core from the drill site. The contractor will also ensure that sludge samples are taken when instructed to do so at no additional charge, and that the contractor will supply the necessary T-fitting and pipe to obtain the return water. Endako will supply the sludge splitter, wash tubs and sample bags and will transport the sludge samples from the drill site. **The Contractor agrees that the use of Alcomer will have to be limited (minimum) as its presence in sludge samples does not allow the samples to dry for assay.**

16. SUPPLIES:

The Contractor will supply drill mud and additive required for drilling (see 15. above). **The Contractor will not use molybdenum based grease on rods or on any part of the drill where contamination of sludge and core may occur.** Endako agrees to pay mud charges at cost plus ten percent (10%). There will be no charge for mixing mud and stabilizing the hole.

17. TESTS:

The Contractor, whenever instructed, agrees to take an Acid Dip test at the end of the hole at **no charge** to Endako.

18. SECURITY:

The Contractor will not give out any information regarding drill results or permit access to any drill core to any person other than Endako's accredited representatives, except upon specific permission of responsible officials of Endako.

19. BOARD & LODGING:

The Contractor will supply room and board for his employees at no cost to Endako.

20. DISCIPLINE:

The Contractor shall, at all times, enforce strict discipline and maintain good order among its employees, and shall not retain on the work any unfit person or anyone not skilled in the work assigned to him. Any employees of the Contractor who are objectionable or unsatisfactory to Endako, shall be removed from the work and replaced by an employee satisfactory to Endako.

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 as an employer 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 Workers' Compensation Board and Department of Mines Regulations.

27. ENGINEER:

Endako's Engineer or representative referred to herein and in 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 Division
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 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 meaning 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: Colin Seeley)
Colin Seeley, Mine Manager)

PLACER DOME INC.
ENDAKO MINES DIVISION
ENDAKO, B.C.
VOJ 1LO

SIGNED, SEALED and DELIVERED by)
Leo Shaw :)
Name: Leo Shaw)
Address: Site 5, Comp. 13, R.R #2)
Kamloops, B.C. V2C 2J3)
Occupation: President)

APPENDIX III
DIAMOND DRILL LOGS
FOR
HOLES (S701 - 722)

SECTION 13500

ENDAKO MINES

HOLE No. S701
SHEET No. 1 of 6

LOCATION Endako northeast 3234 haul road BEARING _____
 DATE COLLARED Aug 6, 1991 LENGTH 350' LATITUDE 30059' N CORE SIZE NQ LOGGED BY MVS
 DATE COMPLETED Aug 7, 1991 DIP -30° DEPARTURE 30711 E SCALE OF LOG 1"=10' DATE Aug 8, 1991
 ELEVATION 3237.5 REMARKS _____

D.T.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Fus	Ac-Spac	Mark	Texture	Hardness		Rock Name/ Appearance	Alteration	4 To Core Axis	Width of Vein	Mineralization/ Parting (Type)	Envelope (Type)	Remarks	Fracture Frequency	Slickenside 4 To Core Axis	R.O.D.	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS_2		
																			Core	Sludge	Core	Sludge	Core	Sludge	Combined
						GFPD		randomly oriented fractures				Casing to 10ft but encountered H ₂ O ore for assay Core is broken and but here we piece it up to 10" long	?	uff	?			6.09		P201					
						W-L-M-AL-OM													85.3	.16	/	.275			
												stackwork		uff	70				10.99		P202				
																			76.4	.07	/	.089			
						M-L-AL-OM (mottled/bleached)						if ground only/gyms Stackwork large m. blks		uff	75				13.54		P203				
												stackwork							96.1	.14	.210	.196			
																			13.08		P204				
																			92.2	.12	.162	.192			
																			13.52		P205				
																			94.7	.14	.202	.280			
																			13.54		P206				
																			94.4	.04	.168	.109			



SECTION 13500

ENDAKO MINES

HOLE No. S701
SHEET No. 2 Of 6

QTY.	ROCK TYPES			ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS									
	Flag	K-Spar.	Mafic.						Texture	Hardness	Rock Name/ Appearance	4 To Core Axis	Width of Vein	Mineralization/ Feeding (Type)	Envelope (Type)	Fractures to core	Frequency	Silica % To Core Axis	P.O.D.	Porosity Block	Specific Gravity	Weight in Grams		Sample Number		% Moisture	
																						Core	Sludge	Core	Sludge	Estimated	Grade
													uff	60		7.88	19202										
													uff			55.2	.04	.253	.107								
													uff	70		11.84	19205										
																82.9	.06	.305	.074								
													uff	80		13.60	19207										
													uff			95.2	.16	.207	.229								
													uff	85		13.42	19210										
													uff	90		94.0	.04	.124	.061								
													uff	75		13.58	19211										
																95.1	.10	.085	.209								
													uff	70		13.28	19212										
													uff	70		93.0	.05	.217	.184								
													uff	5		12.05	19213										
													uff			84.4	.05	.098	.056								

SECTION 13500

ENDAKO MINES

HOLE No. ST01
SHEET No. 3 of 6

GRZ.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Footage STRUCTURE	MINERALIZATION Width of Vein	MINERALIZATION/ Footing(type)	STRUCTURES Envelope (type)	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS	
	Flag	Gr-Spar.	Matrix	Texture	Hardness							Fractures Frequency	Slicability L. to core Juts	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																	Core	Sludge	Core	Sludge	Core	Slud
						Wk-Mud AH-GM w/d	140					13.34			19214							
						5" Mud AH-GM milled/blackd	145					93.4			19215	.04	.065		.101			
							150					13.28			19216	.074	.210		.231			
							155					84.7			19217	.074	.15		.120			
							160					12.54			19218							
							165					87.8			19219	.051	.098		.053			
							170					13.56			19220							
							175					95.0			19221	.10	.097		.093			
							180					14.52			19222							
							185					100			19223	.07	.087		.063			
							190					13.22			19224							
							195					92.6			19225	.05	.08		.066			

SECTION 13500

ENDAKO MINES

HOLE No. SF01
SHEET No. 4 OF 6

ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES		RECOVERY		ASSAY RESULTS						
Qty.	Plus	Less	Moist.	Texture	Hardness				Rock Name/ Appearance	Mineralization/Footing (Type)	Envelope (Type)	Remarks	Frequency	Thickness 4. To Core Axis	NO	Footage Block	Specific Gravity	Weight in Grams	Sample Number
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			13.96	19221			
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			97.8	19222	.04	.063	.020
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			13.08	19223	.04	.075	.040
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			12.20	19224	.04	.095	.015
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			13.69	19225	.065	.083	.034
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			95.6	19226	.01	.062	.001
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			13.56	19227			
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			95.0	19228	.02	.063	.048
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			13.72	19229			
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			96.1	19230			
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			13.78	19231	.04	.077	.045
						[Handwritten diagram]	[Handwritten notes]			Vertical lines	5	65			96.5	19232			

SECTION 13500

ENDAKO MINES

HOLE No. 5701
SHEET No. 5 of 6

Dfs.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS														
	Plug	In-Spec.	Mafic	Texture	Hardness					Rock Name / Appearance	Alteration	Foliation	Structures	4 To Core Ash	Width of Vein	Mineralization / Feinting (Type)	Envelope (Type)	Remarks	Fractures	Frequency	Slicability	4 To Core Ash	P O D	Fracture Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																										Core	Sludge	Core	Sludge	Core	Sludge
						Handwritten notes	Graphic log symbols	Handwritten notes														13.80		19228							
						Handwritten notes	Graphic log symbols	Handwritten notes														96.6		.11	.31	.084					
							Graphic log symbols	Handwritten notes														13.22		19229							
							Graphic log symbols	Handwritten notes														92.6		.03	.60	.001					
							Graphic log symbols	Handwritten notes														13.72		19230							
							Graphic log symbols	Handwritten notes														96.1		.01	.045	.001					
							Graphic log symbols	Handwritten notes														13.58		19231							
						Handwritten notes	Graphic log symbols	Handwritten notes														95.2		.04	.071	.005					
31	High	high	high	high	45	Handwritten notes	Graphic log symbols	Handwritten notes														13.20		19232							
							Graphic log symbols	Handwritten notes														93.9		.01	.064	.034					
							Graphic log symbols	Handwritten notes														13.56		19233							
							Graphic log symbols	Handwritten notes														96.4		.03	.074	.003					
							Graphic log symbols	Handwritten notes														13.96		19234							
							Graphic log symbols	Handwritten notes														95.7		.031	.057	.001					

SECTION 13300

ENDAKO MINES

HOLE No. 5702
SHEET No. 2 Of 6

Dtz.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS										
	Frag	G-Spot	Mark	Texture	Hardness					Rock Name / Appearance	Fractures	Frequency	Blissable 4 to Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																	Core	Sludge	Core	Sludge	Core	Sludge
				Wid + V-shed		Handwritten log	Handwritten mineralization	Handwritten structures	Handwritten rock qualities				13.50	9242								
													96.0	9243				.139				
													13.04	9243								
													92.7	9243				.277				
20.0	10.0	7.0	5.0		5	Handwritten log	Handwritten mineralization	Handwritten structures	Handwritten rock qualities				13.32	9244								
													93.3	9244				.094				
													13.72	9245								
													96.1	9245				.013				
													13.62	9246								
													95.4	9246				.152				
													13.69	9247								
													95.5	9247				.067				
													12.89	9248								
													90.6	9248				.037				

SECTION 13300

ENDAKO MINES

HOLE No. 5702
SHEET No. 3 OF 6

Dfs.	ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS						
	Fig.	A-Spec.	Meta.	Texture	Hardness	Rock Name/ Appearance					F. To Core Ash	Width of Vein	Mineralization/ Faulting (Type)	Envelope (Type)	Remarks	Weight in Brane		Sample Number		% MoS ₂	
																Core	Sludge	Estimated	Grade	Core	Slud
						<u>Handwritten notes</u>						13.82		19249							
												96.6		19250			.013				
												14.14									
												99.0		19251			.009				
												13.52									
												94.7		19252			.006				
												13.46									
												94.3		19253			.031				
												13.82									
												96.8		19254			.124				
												14.12									
												90.1		19255			.002				
												13.70									
												95.2					.025				

SECTION 13300

ENDAKO MINES

HOLE No. 5202
SHEET No. 4 Of 6

Off.	ROCK TYPES		ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Flag	k-Spar.					Mafic.	Texture	Hardness	Rock Name/Appearance	Fractures 4. To Core Axis	Frequency	Blissable 4. To Core Axis	P.O.D.	Fracture Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																	Core	Sludge	Core	Sludge	Estimated	Grade
													13.89		19256							
													96.2		.01			.007				
													13.04		19257							
													90.6		.01			.078				
													13.92		19258							
													96.7		.01			.015				
													12.28		19259							
													85.3		.02			.007				
													11.10		19260							
													77.1		.01			.057				
													14.24		19261							
													99.0		.02			.021				
													13.62		19262							
													95.4		.02			.018				

SECTION 13300

ENDAKO MINES

HOLE No. 5702
SHEET No. 5 Of 6

D.F.	ROCK TYPES					ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS							
	Flag	No-Span	Meta	Texture	Remarks	Rock Name/Appearance	% To Core Axis					Width of Vein	Mineralization/Faulting (Type)	Envelopes (Type)	Remarks	Weight in Grams		Sample Number		% MoS ₂	
																Core	Sludge	Core	Sludge	Core	Slud
						White and grey							13.92		19263						
													94.0		.05		.049				
													13.95		19264						
													94.3		.01		.009				
													13.76		19265						
													96.6		.01		.022				
													13.98		19266						
													97.9		.01		.003				
													13.29		19267						
													93.4		.01		.019				
													13.38		19268						
													94.4		.01		.007				
													3.98		19269						
													99.4		.01		.007				

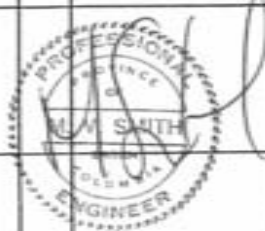
SECTION 1300

ENDAKO MINES

HOLE No. 5703
SHEET No. 1 Of 9

LOCATION Endako North East BEARING 187 LATITUDE 30332 N CORE SIZE 10 LOGGED BY MJS
 DATE COLLARED _____ LENGTH 600' DEPARTURE 30843 E SCALE OF LOG 1"=10' DATE Sept 14/1991
 DATE COMPLETED _____ DIP -55 ELEVATION 3408.5 REMARKS _____

DIT.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS							
	Pkg	N-Spec.	Matn.	Texture	Hardness	Rock Name/Appearance				Alteration Footage	4 To Core Axis	Width of Vein	Mineralization/ Footing (Type)	Envelope (Type)	Remarks	Fractures to core Frequency	Siliceous 4 To Core Axis	P O D	Footage BIBEN	Specific Gravity	Weight in Grams		Sample Number		% Cu & S ₂	
																					Core	Sludge	Core	Sludge	Core	Sludge
04	4	5	5	5	5	NJAWAN	22					22' casing/casement						2.82		1965A						
							30					no sh							78.4	.02	.003		.044			
							4					sh and sh white sh							13.72		1965					
							4					sh and sh white sh							97.6	.07	.043		.071			
						3' sh and sh	3					sh and sh							13.84		1966					
							3					sh and sh							98.4	.071	.073		.077			
						3' sh and sh	3					sh and sh							13.50		1967					
						3' sh and sh	3					sh and sh							96.0	.08	.073		.052			
							3					sh and sh							19.30		1968					
							3					sh and sh							100	.03	.001		.059			
							3					sh and sh							13.62		1969					
							3					sh and sh							96.9	.031	.001		.081			



SECTION Green

ENDAKO MINES

HOLE No. 2703
SHEET No. 2 Of 9

D.F.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
	Flag	Ac-Spar	Mafic	Texture		Isorenes	Rock Name/Appearance	Mineralization/Faulting (Type)	Embrises (Type)	Remarks	Fractures	Preparity	Slittable 4 To Core Axis	R O D	Porosity Blocks	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	% MoS ₂	
						4 To Core Axis	Width of Vein								Core	Sludge	Estimated Grade	Grade	Core	Sludge	
															%	%	% MoS ₂	% MoS ₂	Combined		
						13.00	1/2"		shaly sh			1/2"	14			13.90	P160				
						13.00	1/2"		shaly sh			1/2"	14			95.5	P160	.08		.042	
						13.00	1/2"		shaly sh			1/2"	14			12.96	P160				
						13.00	1/2"		shaly sh			1/2"	14			92.4	P160	.076		.045	
						13.00	1/2"		shaly sh			1/2"	14			19.04	P160				
						13.00	1/2"		shaly sh			1/2"	14			99.8	P160	.04		.024	
						13.00	1/2"		shaly sh			1/2"	14			12.99	P160				
						13.00	1/2"		shaly sh			1/2"	14			92.0	P160	.19	.233	.144	
						13.00	1/2"		shaly sh			1/2"	14			13.50	P160				
						13.00	1/2"		shaly sh			1/2"	14			96.0	P160	.04	.062	.032	
						13.00	1/2"		shaly sh			1/2"	14			13.58	P160				
						13.00	1/2"		shaly sh			1/2"	14			96.6	P160	.04	.062	.056	
						13.00	1/2"		shaly sh			1/2"	14			12.74	P160				
						13.00	1/2"		shaly sh			1/2"	14			90.6	P160	.05	.062	.071	

SECTION 13600

ENDAKO MINES

HOLE No. 1202
SHEET No. 2 Of 9

DIT	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS	
	Plag	Si-Spar	Mafic	Texture		Mineralization / Parting (Type)	Envelopes (Type)	Resours	Fractures	Frequency	Sliceable 4 To Core Axis	R Q D	Footage Blasts	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
															Core	Sludge	Core	Sludge	Core	Sludge
101	100%	100%	100%	5%	Handwritten log										13.62		1967			
															95.6		1968			.095
															13.96					
															94.3					.112
															13.34					
															93.4					.068
															12.12					
															84.9					.033
															13.06					
															91.5					.065
															12.98					
															87.4					.035
															13.18					
															92.3					.064

SECTION 130m

ENDAKO MINES

HOLE No. 502
SHEET No. 4 Of 9

DIT	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Plug	In-Spot	Matrix	Texture		Hardness	Rock Name/Appearance	Mineralization	Featuring/Type	Envelope (Type)	Remarks	Fractures	Frequency	Slicability 4 To Core Ass	R O D	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% M ₂ S ₂	
																		Core	Sludge	Core	Sludge	Estimated	Grade
						130m											13.38	19674					
						130m											93.7	.076	.000			.100	
						130m											12.12	19675					
						130m											85.5	.04	.000			.041	
						130m											12.62	19676					
						130m											88.4	.076	.000			.045	
						130m											19.12	19677					
						130m											98.9	.081	.000			.076	
						130m											12.00	19678					
						130m											89.0	.04	.000			.078	
						130m											13.40	19679					
						130m											93.8	.04	.000			.035	
						130m											12.69	19680					
						130m											89.1	.04	.000			.071	

SECTION B3000

ENDAKO MINES

HOLE No. 5703
SHEET No. 5 Of 3

D.F.	ROCK TYPES					ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Flag	No. Sp. Int.	Meta	Texture	Hardness	Rock Name/ Appearance	Alteration		Feinings	Mineralization		Porosity (Type)	Envelope (Type)	Remarks	Fractures	Frequency	Blockiness	4 To Core Axis	R Q D	Fracture Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																						Core	Sludge	Estimated	Grade	Core	Slud
						White/Reddish														13.56		P1681					
																				95.0		.05	.75			.060	
																				13.36		P1682					
																				93.6		.201	.228			.212	
																				13.00		P1683					
																				71.0		.04	.062			.056	
																				12.70		P1684					
																				89.3		.04	.73			.089	
																				13.98		P1685					
																				98.2		.06	.72			.070	
																				13.20		P1686					
																				92.4		.05	.71			.077	
																				13.56		P1687					
																				95.0		.01	.719			.078	

SECTION 1300

ENDAKO MINES

HOLE No. 1300
SHEET No. 5 Of 9

Dtz.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Alteration Footage STRUCTURE	MINERALIZATION 4. To Core Axis width of Vain	MINERALIZATION/ Footing(Type)	STRUCTURES Embosses (Type)	Remarks	ROCK QUALITIES				RECOVERY		ASSAY RESULTS					
	Flag	In-Spec.	Matrix	Texture	Hardness							Fractures to core	Frequency	Blissbands 4. To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% Me S _g	
																		Core	Sludge	Core	Sludge	Core	Slud
												%	%	% MeS _g	% MeS _g								
												13.58			96.88								
										dk sh		95.1			.05					.077			
										dk and sh		13.46			.05								
												93.8			.07					.069			
										dk sh		13.82			.05								
												96.8			.03	.038				.078			
										dk sh		13.79			.05								
												96.2			.04	.02				.056			
										dk sh		13.48			.05								
												94.4			.04	.02				.057			
										dk and sh		13.64			.05								
												95.5			.01	.02				.047			
										dk sh		13.72			.05								
												96.1			.01	.02				.027			

SECTION 1360

ENDAKO MINES

HOLE No. 5700
SHEET No. 7 Of 9

Dfs	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION		STRUCTURES	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS					
	Mtg	Ac-Spar	Mafic	Texture	Metamorph			Rock Name/Appearance	To Core Axis			Width of Vein	Mineralization/Fossil (Type)	Envelopes (Type)	Fractures	Frequency	Blissable 4 To Core Axis	R.O.D.	Porosity Block	Specific Gravity	Weight in Grams		Sample Number		% Wet Wt	
																					Core	Mudg	Core	Sludge	Core	Slud
																	13.00		1965							
											sh						91.0		.064	.000		.062				
						2' dplc 3/4 w-lu 2' dplc 3/4 w-lu											13.80		1966							
																	96.6		.04	.000		.017				
						1' dplc 3/4 w-lu											13.92		1967							
																	97.5		.023	.000		.031				
																	13.12		1968							
																	91.9		.02	.000		.063				
																	13.20		1969							
																	92.4		.01	/		.020				
																	12.30		1970							
																	86.1		.01	.006		.032				
																	12.92		1971							
																	90.5		.03	.000		.067				

SECTION 1300

ENDAKO MINES

HOLE No. 300
SHEET No. 5 Of 9

D.F.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS										
	Plug	R-Spec	Mark	Texture	Hardness					Rock Name / Appearance	Footage	L to Core Axis	Width of Vein	Mineralization / Focussing (Type)	Envelope (Type)	Remarks	Fracture Frequency	Blissable L to Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																						Core	Wedge	Core	Sludge	Core	Slud
				med		White-Red ALKALINE control P1072 210												13.08		19702							
				med	4.5	5' Med-Int ALKALINE												91.6		19703	.01	.012	.035				
																		13.16									
																		94.3			.04	.025	.049				
						Shale-like texture												12.66		19702							
																		90.8			.01	.026	.012				
																		13.26		19705							
								2' to 4' Major faulted			shaly porous calcite							95.0			.01	.023	.029				
																		12.89		19706							
																		92.0			.01	.022	.006				
																		13.52		19707							
						Wk. Med ALKALINE												95.8			.01	.026	.017				
																		12.62		19708							
																		89.9			.02	.023	.014				

SECTION B600

ENDAKO MINES

HOLE No. 5704
SHEET No. 1 of 9

LOCATION Endako, North East BEARING 0 LATITUDE 30836 N CORE SIZE 1/8 LOGGED BY MVS
 DATE COLLARED _____ LENGTH 600' DEPARTURE 30843 E SCALE OF LOG 1"=10' DATE Sept 15, 1991
 DATE COMPLETED _____ DIP -20 ELEVATION 3408.5 REMARKS _____

Dip	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS							
	Fios	M-Spar	Meth.	Texture	Hardness		Rock Name/ Appearance	Alteration Footage		Structures	4 To Core Ash	Width of Vain	Mineralization/ Footing (Type)	Envelope (Type)	Remarks	Fractures Frequency	Blissville 4 To Core Axis	R O D	Footage Bliss	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																					Core	Sludge	Core	Sludge	Core	Sludge
15													24' Core / 100' below						5.64		PEP6					
																			65.8		.04	.052			.051	
																			13.82		1907					
																			96.8		.07	.076			.084	
																			13.76		1908					
																			96.9		.051	.050			.052	
																			13.89		1909					
																			96.9		.053	.047			.040	
																			13.78		1900					
																			96.5		.064	.032			.101	
																			12.94		1901					
																			88.1		.04	.052			.044	



SECTION Bloo

ENDAKO MINES

HOLE No. 204
SHEET No. 2 Of 9

D.T.	ROCK TYPES					ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS			
	Flag	Ac-Spar	Matrix	Texture	Inclusions	Rock Name/ Appearance	Foliage		4-To Core Axis	Width of Vein	Mineralization/ Foliation (Type)	Embosses (Type)	Remarks	Fractures to core	Frequency	Slicability 4-To Core Axis	R.O.D.	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																				Core	Wedge	Core	Sludge	Core	Slud
						Wk. Hard Al. Sil. cont.														19.19		P102			
																				99.0		.056	.029	.028	
																				19.10		P103			
																				98.7		.076	.020	.045	
																				13.50		P104			
																				94.5		.093	.121	.114	
																				13.58		P105			
																				95.1		.076	.023	.072	
																				12.72		P106			
						2' Sp. Dike														89.4		.081	.029	.108	
																				9.9%		P107			
																				70.6		.076	.020	.087	
																				12.02		P108			
																				85.1		.051	.020	.049	

SECTION B600

ENDAKO MINES

HOLE No. 320
SHEET No. 3 Of 9

D.F.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS															
	Flag	K-Spec.	Mafic	Texture	Horizons						Rock Name/Appearance	Footage	L To Core Axis	Width of Vein	Mineralization/Faulting (Type)	Envelope (Type)	Remarks	Frequency	Slickenside L To Core Axis	R O D	Footage Blotom	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																							Core	Sludge	Core	Sludge	Core	Sludge
094	+	+		W	45	Hand-Int. Alk. Qz													12.36	19609								
																			89.6	.02	.085	.018						
																			13.60	19610								
																			97.5	.02	.098	.035						
																			13.30	19611								
095	+	+		W	56	Hand-Int. Alk. Qz													94.2	.05	.064	.042						
																			13.56	19612								
																			95.0	.03	.044	.026						
																			13.9%	19613								
																			97.8	.01	.057	.016						
																			13.89	19614								
																			96.9	.026	.041	.037						
																			13.9%	19615								
																			97.8	.021	.041	.041						

SECTION 1500

ENDAKO MINES

HOLE No. 5704
SHEET No. 4 OF 9

D.T.S.	ROCK TYPES					ALTERATION		GRAPHIC LOG Footage Structure	MINERALIZATION Width of Vein	STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS			
	Flag	No-Spot	Meta	Texture	Hardness	Rock Name/ Appearance	L. To Core Axis			Mineralization/ Feathering (Type)	Emulsion (Type)	Remarks	Fractures L. To Core	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	Estimated	Grade
																	13.68		19616					
																	95.8		.04	.023			.070	
																	13.82		19617					
																	96.8		.08	.077			.118	
																	13.54		19618					
																	94.8		.07	.057			.057	
																	13.28		19619					
																	93.0		.09	.065			.135	
																	13.54		19620					
																	99.8		.031	.02			.054	
						<u>little spots of Cu</u>											13.60		19621					
																	95.2		.04	.027			.029	
																	13.68		19622					
																	95.8		.06	.050			.042	

SECTION B-1000

ENDAKO MINES

HOLE No. 304
SHEET No. 5 Of 9

Dtz.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS								
	Plus	K-Type	Meta	Texture	Hardness					Rock Name/ Appearance	4 To Core Axis	Width of Vein	Mineralization/ Footing (Type)	Envelope (Type)	Remarks	Fractures to core	Frequency	Blissdale 4 To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% Wet	
																						Core	Sludge	Core	Sludge	Core	Slud
				sdst		sdst												13.46		19623							
																			94.3		.01	.023	.019				
				sdst blst															13.68		19624						
																			95.8		.031	.024	.021				
				sdst															13.59		19625						
																			94.8		.031	.050	.033				
																			13.38		19626						
																			93.7		.01	.016	.021				
																			13.68		19627						
																			95.8		.03	.025	.013				
				sdst blst															13.74		19628						
																			96.2		.05	.032	.034				
																			13.92		19629						
																			97.5		.04	.05	.024				

SECTION 360

ENDAKO MINES

HOLE No. 360
SHEET No. 1 Of 9

ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION		STRUCTURES	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
Qty.	Prog.	Ac-Span.	Mafic	Texture	Hardness		Rock Name/ Appearance	Mineralization/ Fracturing (type)			Emotions (Type)	Fractures	Frequency	Slickenside & To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams	Sample Number	Core
							Width of Vein		4 To Core Axis						Core	Wedge	Estimated Grade	Core	Slud	Combined
															%	%	% MoS ₂	% MoS ₂		
							1.5-2.0	Albarren	100-110		100%	10	100		13.70	19630				
							1.5-2.0	Albarren	100-110		100%	10	100		95.9		.01	.025	.025	
				altered shaded			1.5-2.0	Albarren	100-110		100%	10	100		13.90	19630				
							1.5-2.0	Albarren	100-110		100%	10	100		94.4		.071	.022	.121	
							1.5-2.0	Albarren	100-110		100%	10	100		13.50	19632				
							1.5-2.0	Albarren	100-110		100%	10	100		94.5		.074	.022	.092	
							1.5-2.0	Albarren	100-110		100%	10	100		12.70	19633				
							1.5-2.0	Albarren	100-110		100%	10	100		89.5		.01	.025	.014	
							1.5-2.0	Albarren	100-110		100%	10	100		14.22	19634				
							1.5-2.0	Albarren	100-110		100%	10	100		99.6		.05	.053	.017	
							1.5-2.0	Albarren	100-110		100%	10	100		12.70	19635				
							1.5-2.0	Albarren	100-110		100%	10	100		88.9		.031	.001	.024	
							1.5-2.0	Albarren	100-110		100%	10	100		14.32	19636				
							1.5-2.0	Albarren	100-110		100%	10	100		100		.065	.001	.019	

SECTION 5200

ENDAKO MINES

HOLE No. 5109
SHEET No. 7 Of 9

ROCK TYPES						ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS				
Qtz.	Plag	K-Spar	Ms/K	Texture	Hardness	Rock Name/Appearance	Rock Type Alteration Features		Mineralization/Footing (Type)	Emulsions (Type)	Remarks	Fractures	Frequency	Slakeable 4 To Core Axis	R Q D	Fracture Block	Specific Gravity	Weight in Grams	Sample Number	Core	Sludge	% MoS ₂	% MoS ₂	Core	Slud	% MoS ₂
				v. fresh													13.20	9637								
				v. fresh													92.4	9638	.036	.010					.013	
				v. fresh													19.22	9639								
																	99.6	9640	.018	.008					.002	
				fresh													13.72	9641								
																	96.1	9642	.018	.002					.015	
																	19.18	9643								
																	99.4	9644	.016	.077					.004	
																	13.82	9645								
																	96.8	9646	.051	/					.027	
				fresh													13.62	9647								
																	95.4	9648	.03	.021					.011	
																	13.20	9649								
																	92.9	9650	.02	/					.014	

SECTION 13600

ENDAKO MINES

HOLE No. 22nd
SHEET No. 8 OF 9

Qtz.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Pkg.	K-Spar.	Mafic.	Texture	Horizons		Rock Name / Appearance	Mineralization / Fracturing (Type)	Envelope (Type)	Remarks	Fractures		Slickenside 4 To Core Axis	R Q D	Fracture Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
											Frequency	4 To Core					Core	Wedge	Estimated	Sludge	Core	Slud
				fine		<u>W. H. 100% H. 100% C. 100%</u>										13.66		P1644				
				fine												95.7		P1645				.008
				fine												13.70						
				fine												95.9		.05	.002			.025
				fine												13.70		P1646				
				fine												95.9		.02	.002			.016
				medium		<u>W. H. 100% H. 100% C. 100%</u>										13.62		P1647				
				medium												96.1		.01	.002			.008
				medium												13.00		P1648				
				medium												92.4		.05	/			.019
				medium												13.32		P1649				
				medium												94.9		.05	.002			.010
				medium												13.92		P1650				
				medium												95.3		.01	.002			.010

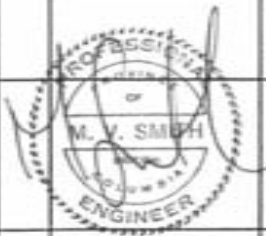
SECTION 13800

ENDAKO MINES

HOLE No. 2705
SHEET No. 1 Of 9

LOCATION Endako North East BEARING 0 LATITUDE 30349 N CORE SIZE 10 LOGGED BY MJS
 DATE COLLARED _____ LENGTH 600 DEPARTURE 31039 E SCALE OF LOG 1"=10' DATE Sept 12/21
 DATE COMPLETED _____ DIP -30 ELEVATION 2408.5 REMARKS _____

Dip	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS							
	Flag	No-Span	Meta.	Texture	Hardness	Rock Name / Appearance		Alteration	Footage	4 To Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelope (Type)	Remarks	Fractures		Stickable 4 To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Brnch		Sample Number		% MoS ₂	
															Frequency	4 to core					Core	Sludge	Core	Sludge	Core	Sludge
014	5	5	5	5	5	56	12						12ft overburden casing							7.39		PC57				
						W.V.L. and B.P. mally wily all out							200 ft m sh							64.3		PC58				.069
													100 ft m sh							12.74						
													100 ft m sh							89.2						.025
													100 ft m sh							12.16						
													100 ft m sh							85.2						.127
													100 ft m sh							13.72						
													100 ft m sh							96.1						.137
													100 ft m sh							11.34						
													100 ft m sh							79.4						.082
													100 ft m sh							13.42						
													100 ft m sh							94.0						.040



SECTION 282 ENDAKO MINES

Dtz.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS				
	Flag	Ac-Spar	Mafic	Texture		Hardness	Rock Name/ Appearance	Mineralization/ Foliation (Type)	Envelope (Type)	Remarks	Fractures	Frequency	Slicable 4 To Core Ain	R O D	Footage Blocks	Specific Gravity	Weight in Brans		Sample Number		% MoS ₂		
																	Core	Wedge	Estimated	Sludge	Grade	Combined	Core
																13.30		19543					
																93.1		.10	.403			.079	
																12.64		19544					
																89.5		.046	.070			.035	
																14.08		19545					
																98.6		.041	.049			.063	
																12.64		19546					
																89.5		.031	.015			.054	
																13.50		19547					
																94.5		.061	.027			.024	
																14.00		19548					
																99.0		.031	.033			.034	
																13.80		19549					
																96.6		.151	.432			.327	

SECTION 130m

ENDAKO MINES

HOLE No. 5705
SHEET No. 2 Of 3

Dfs.	ROCK TYPES			ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS				
	Flag	A-Spec.	Meta.	Texture	Hardness		Rock Name/ Appearance	4 To Core Ash	Width of Vein	Mineralization/ Foliation (Type)	Envelope (Type)	Remarks	Fractures 4. To core	Frequency	Slickenside 4. To core	R O D	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																			Core	Sludge	Core	Sludge	Estimated	Grade
						Off-Dye color												10.56		P537				
																		74.9		P538			.048	
																		10.12						
																		71.7					.036	
																		11.86						
																		89.0					.038	
																		10.29						
																		72.5					.039	
																		12.56						
																		89.0					.037	
																		12.42						
																		88.0					.075	
																		12.62						
																		89.4					.015	

SECTION B2m

ENDAKO MINES

HOLE No. 370
SHEET No. 3 Of 3

D.F.	ROCK TYPES		ALTERATION		GRAPHIC LOG Footage Structure	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS	
	Plug	Ac-Spar.	Mafic	Tuffaceous		Hordeum	Rock Name/Appearance	Alteration	Envelope (Type)	Remarks	Frequency	Silicified 4 To Core Axis	R.O.D.	Footage Blocks	Specific Gravity	Weight to Grams	Sample Number	% MoS ₂		
																Core	Sludge	Core	Slud	
						SPD type soil									12.20	1956				
									sk ch base in hole						86.4	.061	/	.111		
									sk ch base in hole						11.94	1956				
									sk ch base in hole						84.6	.036	/	.045		
									sk ch base in hole						12.96	1956				
									sk ch base in hole						91.8	.04	/	.044		
									sk ch						12.52	1957				
						sk ch soil			sk ch						88.1	.01	/	.026		
									sk ch						14.04	1956				
									sk ch						98.3	.01	/	.017		
									sk ch						13.92	1957				
									sk ch						97.5	.041	/	.019		
									sk ch						13.00	1957				
									sk ch						91.0	.01	/	.037		

SECTION 13200

ENDAKO MINES

HOLE No. 522
SHEET No. 1 Of 1

Gtz.	ROCK TYPES					ALTERATION		GRAPHIC LOG Alteration Footage Structure	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS	
	Mag	Ac-Spar.	Mafic	Texture	Hydrox.	Rock Name/ Appearance	Mineralization/ Footage (Type)		Embrittles (Type)	Resonance	Fractures Frequency	Blisslike 4 To Core Axis	R O D	Footage Bliss like	Specific Gravity	Weight in Grams	Sample Number	Core	Sludge	% MoS ₂	% MoS ₂
							4 To Core Axis		Width of Vain							Core	Sludge	Estimated	Grade	Core	Slud
						WR. H. J. 1957									13.30	19571					
															93.1		.067	/	.014		
															14.12	19572					
															99.7		.01	.003	.007		
															13.70	19573					
															95.9		.01	/	.021		
															13.78	19574					
															96.5		.01	/	.013		
															14.12	19575					
															98.7		.03	.018	.026		
															14.14	19576					
															99.0		.01	.020	.056		
															13.92	19577					
															97.5		.031	.020	.026		

SECTION 13200

ENDAKO MINES

HOLE No. 3706
SHEET No. 7 OF 9

Dip	ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES	Remarks	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS					
	Plug	Ac-Spar.	Mafic	Texture	Hardness	Rock Name/ Appearance		Alteration Frontage	4. To Core Axis			Width of Vein	Mineralization/ Footing (Type)	Enclaves (Type)	Fracture 4. To core	Frequency	Slackable 4. To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																					Core	Sludge	Core	Sludge	Estimated Grade	Combined
																		13.68		19578						
																		95.8		.03	.003	.026				
																		13.96		19579						
																		99.3		.02	.000	.026				
																		19.09		19580						
																		98.3		.01	.003	.011				
																		19.26		19581						
																		100		.02	.006	.013				
																		13.79		19582						
																		96.2		.051	.002	.023				
																		13.92		19583						
																		97.6		.01	.000	.005				
																		13.40		19584						
																		95.3		.01	.000	.016				

SECTION 13300

ENDAKO MINES

HOLE No. 500
SHEET No. 2 OF 17

D.T.	ROCK TYPES			ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
	Frag	Fract.	Mafic	Texture	Hardness		Rock Name / Appearance	Width of Vein	Mineralization / Fossiliferous (Type)	Envelope (Type)	Remarks	Frequency	Slickenside 4. To Core Ash	R.O.D.	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																	Core	Sludge	Core	Sludge	Estimated	Grade
						W.A.I.P.M. 011										13.51		19585				
																96.3		.02	.72			.011
																13.30		19586				
																98.1		.03	.733			.007
						Autoclaved - 02 Autoclaved - 01										19.14		19587				
																100		.01	.012			.008
																13.68		19588				
																97.3		.05	.054			.018
						W.A.I.P.M. 011										13.92		19589				
																97.5		.02	.022			.006
																12.59		19590				
																87.8		.02	.02			.009
																13.94		19591				
																97.6		.01	.024			M7

SECTION 1332

ENDAKO MINES

HOLE No. 370
SHEET No. 1 Of 1

Qtz.	ROCK TYPES				ALTERATION	GRAPHIC LOG	MINERALIZATION				STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Flag	n-Spec.	Mafic.	Texture			Hardness	Alteration	Footage	Scales	4 To Core Axis	Width of Vein	Mineralization/Faulting (Type)	Envelope (Type)	Remarks	Fractures 4 To Core	Frequency	Slits/Inch 4 To Core Axis	R O D	Footage Blasts	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																						Core	Sludge	Estimated Grade	Core	Sludge	Core
				1/2		<u>1332</u> E.O.H	0-2	0-2	0-2	0-2	glimmer glimmer glimmer glimmer glimmer			0-2	1/2	35				13.74	1952						
				1/2		52	0-2	0-2	0-2	0-2	glimmer glimmer glimmer glimmer glimmer glimmer			0-2	1/2	35				96.2	.01	.029			.011		
				1/2		60	0-2	0-2	0-2	0-2	glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer			0-2	1/2	35			100	.046	.055			.020			
				1/2		68	0-2	0-2	0-2	0-2	glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer		permissive calcareous + chlorite mts to 2' hole dyle	0-2	1/2	30			13.28	1954							
				1/2		76	0-2	0-2	0-2	0-2	glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer			0-2	1/2	30			99.9	.02	.003			.006			
				1/2		84	0-2	0-2	0-2	0-2	glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer			0-2	1/2	30			12.70	1955							
				1/2		92	0-2	0-2	0-2	0-2	glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer glimmer			0-2	1/2	30			92.9	.01	.003			.003			

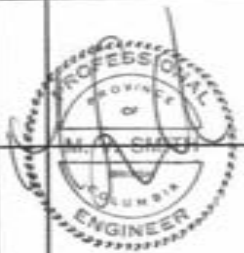
SECTION BA00

ENDAKO MINES

HOLE No. 3706
SHEET No. 1 Of 3

LOCATION Endako, North East BEARING 187° LATITUDE 30245 N CORE SIZE N0 LOGGED BY HVS
DATE COLLARED _____ LENGTH 550' DEPARTURE 30630 E SCALE OF LOG 1"=10' DATE Sept 10
DATE COMPLETED _____ DIP -85° ELEVATION 3333.2 REMARKS _____

Dip	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Plas	No. Spec.	Met%	Texture	Hardness	Rock Name/ Appearance		Alteration	Footage	Structure	∠ To Core Axis	Width of Vein	Mineralization/ Faulting (Type)	Envelope (Type)	Remarks	Frequency	Blisslike 4 To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																					Core	Sludge	Core	Sludge	Estimated	Grade
15°	100%	100%	100%	50	12% <u>silica</u>	<u>silicification</u>	10	10	10	10	10	10	10	10	10	10	10	10	10	10	17.99	1972				
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	100.	.04	.003	.083		
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	12.66	1973				
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	88.7	.01	.003	.043		
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	13.32	1974				
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	93.3	.008	.004	.085		
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	13.88	1975				
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	77.2	.073	.001	.034		
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	13.20	1976				
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	92.4	.01	.002	.016		
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	13.64	1977				
							10	10	10	10	10	10	10	10	10	10	10	10	10	10	95.5	.008	.009	.072		



SECTION B-100

ENDAKO MINES

HOLE No. 5706
SHEET No. 2 Of 3

Qtz	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Footage STRUCTURE	MINERALIZATION 4. To Core Axis Width of Vain	MINERALIZATION/ Feeling (Type)	STRUCTURES Envelope (Type)	Remarks	ROCK		QUALITIES			RECOVERY		ASSAY RESULTS		
	Plug	Ac-Spat.	Mafic	Texture	Hardness							Frequency	Specific Gravity	Weight in Grams	Core	Sludge	Sample Number	% MoS ₂			
												to core		Core	Sludge	Core	Sludge	Core	Sludge	Combined	
						<u>White Dike section</u>						13.50			19716						
						<u>White Dike section</u>						74.5			19719	.051	.102			.027	
						<u>White Dike section</u>						14.42			19719						
						<u>White Dike section</u>						100			19720	.051	.099			.029	
						<u>White Dike section</u>						13.98			19720						
						<u>White Dike section</u>						97.3			19721	.08	.092			.046	
												13.28			19721						
												93.0			19721	.05	.056			.043	
												13.82			19721						
												96.8			19722	.058	.060			.023	
												14.18			19722						
												99.3			19723	.081	.078			.102	
												13.30			19723						
												93.1			19723	.051	-			.070	

SECTION Bass

ENDAKO MINES

HOLE No. 276
SHEET No. 3 OF 3

Dtz.	ROCK TYPES		ALTERATION		GRAPHIC LOG Alteration Footage Structures	MINERALIZATION		STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS		
	Plug	W-Spec.	Moist.	Texture		Moisture/ Fouling (Type)	Envelopes (Type)			Remarks	Weight in Grams		Sample Number		% MoS ₂	
											Core	Sludge	Core	Sludge	Core	Sludge
				F							14.36					
											100		.061	.001	.055	
											19.06					
											98.5		.021	.007	.034	
											13.16					
											92.2		.01	.005	.040	
											13.80					
											98.1		.03	.012	.039	
											13.52					
											96.1		.027	.010	.046	
											13.38					
											95.1		.03	.032	.052	
											13.44					
											95.6		.061		N/A	

SECTION 33m

ENDAKO MINES

HOLE No. 336
SHEET No. 4 Of 3

Dtz.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
	Plug	di-Spat.	Mark.	Texture				Hardness	Rock Name/Appearance	Fractures	Frequency	Blissbands 4 To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																Core	Sludge	Core	Sludge	Core	Sludge
				Block + milled		W.A.P.H.C.H. acid							13.60		19732						
				block		W.A.P.H.C.H.							96.7		.081	.065			.112		
													13.72		19733						
													96.1		.04	.043			.046		
													14.12		19734						
													98.9		.05	.052			.039		
													13.66		19735						
													95.7		.036	.042			.031		
													13.86		19736						
													97.1		.026	.055			.058		
													13.42		19737						
													94.0		.06	.085			.045		
													13.40		19738						
													93.8						.075		

SECTION Eden

ENDAKO MINES

HOLE No. 576
SHEET No. 5 Of 8

Qtz.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS													
	Flag	x-Spar.	Matrix	Texture	Hardness					Rock Name/ Appearance	Fracture	4 To Core Axis	Width of Vein	Mineralization/ Fracture (Type)	Envelope (Type)	Remarks	Frequency	Silica % To Core Axis	P O D	Porosity %	Specific Gravity	Weight in Grams		Sample Number		% Moisture	
																						Core	Wedge	Core	Sludge	Core	Slud
							plagioclase quartz pyrite magnetite hematite					no stu		13.59				13.59	94.9	97.9	A739				.031		
							plagioclase quartz pyrite magnetite hematite					no stu		13.62					13.62	95.4	97.9	A740				.019	
							plagioclase quartz pyrite magnetite hematite					wk stu		13.79					13.79	96.2	97.9	A741				.027	
							plagioclase quartz pyrite magnetite hematite					+ wk stu		13.84					13.84	96.9	97.9	A742				.020	
							plagioclase quartz pyrite magnetite hematite					wk stu		13.68					13.68	95.8	97.9	A743				.026	
							plagioclase quartz pyrite magnetite hematite					wk stu		13.56					13.56	95.0	97.9	A744				.025	
							plagioclase quartz pyrite magnetite hematite					wk and sh/ars		13.58					13.58	95.1	97.9	A745				.021	

SECTION B-102

ENDAKO MINES

HOLE No. 506
 SHEET No. 5 Of 3

DTS.	ROCK TYPES		ALTERATION		GRAPHIC LOG Alteration Footage Scale	MINERALIZATION		STRUCTURES	ROCK QUALITIES				RECOVERY		ASSAY RESULTS						
	Plg	in/ft.	Mafic	Tertiary		4 To Core Axis	Width of Vain		Mineralization / Filling (Type)	Envelope (Type)	Remarks	Fractures	Blisscombe 4 To Core Axis	RQD	Footage Blisscombe	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂		
															Core	Mudge	Core	Sledge	Core	Sledge	
															%	%	% MoS ₂	% MoS ₂	Combined		
						10-20	shale - 2 shale - 1 (blue to green) shale - 2 shale - 1 shale - 2 shale - 1			no sh					13.98			19746			
						20-30	shale - 2 shale - 1 shale - 2 shale - 1			no sh in k sh nally brown					99.9			19747	.026	.009	.036
						30-40	shale - 2 shale - 1 shale - 2 shale - 1								13.72			19748			
						40-50	shale - 2 shale - 1 shale - 2 shale - 1								96.1			19749	.031	.009	.030
						50-60	shale - 2 shale - 1 shale - 2 shale - 1			no - sh					12.52			19750			
						60-70	shale - 2 shale - 1 shale - 2 shale - 1								87.7			19751	.026	.004	.044
						70-80	shale - 2 shale - 1 shale - 2 shale - 1			no sh					13.86			19752			
						80-90	shale - 2 shale - 1 shale - 2 shale - 1								97.1			19753	.036	.061	.034
						90-100	shale - 2 shale - 1 shale - 2 shale - 1			brown sh					13.39			19754			
						100-110	shale - 2 shale - 1 shale - 2 shale - 1								93.9			19755	.01	.031	.038
						110-120	shale - 2 shale - 1 shale - 2 shale - 1			v. sh					13.46			19756			
						120-130	shale - 2 shale - 1 shale - 2 shale - 1								94.3			19757	.02	.022	.023
						130-140	shale - 2 shale - 1 shale - 2 shale - 1			no sh					12.32			19758			
						140-150	shale - 2 shale - 1 shale - 2 shale - 1								89.9			19759	.02	.022	.026

100% shale

SECTION 1310

ENDAKO MINES

HOLE No. 706
SHEET No. 1 Of 3

Dts.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Footage Structure	MINERALIZATION Width of Vein	MINERALIZATION Mineralization/ Footing(Type)	STRUCTURES Envelope (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
	Flag	K-Span	Mafic	Texture	Hardness							Fractures to core	Frequency	Silica to Core Ash	P O D	Porosity Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																		Core	Sludge	Core	Sludge	Core	Sludge
								silica silica silica			silica					13.30		19753					
								silica silica silica silica			silica					93.1		.02	.000	.009			
								silica silica silica			silica					13.82		19754					
								silica silica silica			silica					96.8		.04	.010	.017			
								silica silica silica			silica					12.99		19755					
								silica silica silica			silica					89.9		.01	.001	.002			
								silica silica silica			silica					13.86		19756					
								silica silica silica			silica					97.1		.01	.000	.008			
								silica silica silica silica			silica					12.42		19757					
								silica silica silica			silica					87.0		.01	.009	.012			
								silica silica silica			silica					13.29		19758					
								silica silica silica silica silica			silica					92.7		.02	.022	.013			
								silica silica silica			silica					13.98		19759					
								silica silica silica			silica					97.9		.01	.020	.007			

SECTION 2400

ENDAKO MINES

HOLE No. 206
SHEET No. 2 OF 2

D.F.	ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS			
	Flag	K-Span	Meta.	Texture	Hardness	Rock Name / Appearance		4 To Core Axis	Width of Vein	Mineralization / Fossiliferous (Type)	Enclosures (Type)	Remarks	Fractures 4 To Core	Frequency	Slakeable 4 To Core Axis	P.O.D.	Porosity Block %	Specific Gravity	Weight in Grams		Sample Number		% Metal	
																			Core	Sludge	Estimated Grade	% MoS ₂	% MoS ₄	Core
						White Halite	100	10-15	Halite + 2 KCl + 3		no sh	100	100	100	100	100	100	12.12		A760				
							50	10	sh			100	100	100	100	100	100	84.9		.03	.04	.002		
							50	10	Halite + 2		no sh porous bright mass of halite with shaly layers	100	100	100	100	100	100	6.56		A761				
							50	10	Halite + 2			100	100	100	100	100	100	45.9		.01	.02	.004		
							50	10	Halite + 2		no sh	100	100	100	100	100	100	13.54		A762				
							50	10	Halite + 2		no sh	100	100	100	100	100	100	94.8		.01	.02	.05		
							50	10	Halite + 2		no sh	100	100	100	100	100	100	13.98		A763				
							50	10	Halite + 2		no sh	100	100	100	100	100	100	97.9		.01	.02	.00		
							50	10	Halite + 2		no sh	100	100	100	100	100	100	13.86		A764				
							50	10	Halite + 2		no sh	100	100	100	100	100	100	97.1		.02	.03	.01		
							50	10	Halite + 2		no sh	100	100	100	100	100	100	13.42		A765				
						Andesite Dyke bottom	50	10	Halite + 2		no sh	100	100	100	100	100	100	94.0		.01	.02	.024		
							50	10	Halite + 2			100	100	100	100	100	100							

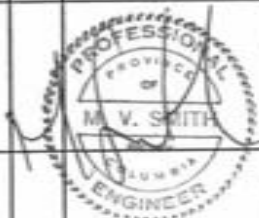
SECTION 1300

ENDAKO MINES

HOLE No. 5707
SHEET No. 1 of 5

LOCATION Endako East north of road #1 BEARING 197° LATITUDE 3079 N CORE SIZE 23 LOGGED BY ME
 DATE COLLARED _____ LENGTH 350' DEPARTURE 31122 E SCALE OF LOG 1"=10' DATE Sept 10, 1991
 DATE COMPLETED _____ DIP -50 ELEVATION 3369.6 REMARKS _____

D.F.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Pkg	No-Span	Met%	Texture	Hardness		Rock Name/ Appearance	Alteration		Width of Vein	Fractures	Slickenside & To Core Axis	R.O.D.	Footage Blows	Specific Gravity	Wet in Brine		Sample Number		% MoS ₂	
																Core	Sludge	Core	Sludge	Estimated	Grade
11	5	5	5	5	5									8.9%		19471					
											50	4		59.2			.05	.054	.086		
														12.70		19472					
														88.9			.51	.161	.319		
														11.92		19473					
														83.5			.16	.169	.219		
														13.74		19474					
														76.2			.08	.068	.061		
														13.72		19475					
														96.1			.20	.152	.186		
														13.00		19476					
														91.0			.09	.103	.038		



SECTION 13200

ENDAKO MINES

HOLE No. 5707
SHEET No. 2 OF 5

D.T.	ROCK TYPES				ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS							
	Prog.	Ac-Spar.	Mafic	Texture					Hardness	4 To Core Ash	Width of Vein	Mineralization/Faulting (Type)	Envelope (Type)	Remarks	Fractures	Blissable 4 To Core Ash	R Q D	Fracture Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																				Core	Sludge	Core	Sludge	Core	Sludge
							Quartz Sulfide Oxide Carbonate Silicate Other			id ch		1	10			12.68	19477								
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10	100		88.8	.076	.063	.040						
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			12.62	19476								
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			90.4	.12	.132	.117						
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			13.79	19475								
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch	Linear fracture		1	10			96.2	.30	1.05	.467						
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			12.58	19480								
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			88.1	.05	.204	.071						
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			11.36	19481								
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			79.6	.03	/	.031						
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			15.12	19482								
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			100	.05	/	.080						
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			10.30	19483								
							Quartz Sulfide Oxide Carbonate Silicate Other		id ch			1	10			72.1	.02	.087	.068						

SECTION 13900

ENDAKO MINES

HOLE No. 5702
SHEET No. 3 Of 5

Dfs.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS	
	Flag	Ac-Spar.	Mafic	Texture	Hardness					Rock Name/Appearance	Fractures	Frequency	Blockiness 4 To Core Axis	R Q D	Fracture Block	Specific Gravity	Weight in Grams	Sample Number	Core	Sludge
							4 To Core Axis	Width of Vein	Mineralization/Floating (Type)	Embosses (Type)	Remarks				%	%	% MoS ₂	% MoS ₂	Combined	
						Washed Alumina									11.56		19484			
															81.0		19485	.061	.053	.156
															12.96		19486			
															90.8		19487	.05	.02	.094
															12.72		19488			
															82.1		19489	.01	.014	.096
															11.86		19490			
															83.1		19491	.01	.024	.025
															12.78		19492			
															89.5		19493	.063	.071	.104
															13.28		19494			
															93.7		19495	.08	.11	.119
															13.30		19496			
															94.6		19497	.08	.109	.087

SECTION 13900

ENDAKO MINES

HOLE No. 2702
SHEET No. A Of 6

Qtz.	ROCK TYPES				ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS							
	Flag	Ac-Spat.	Mafic	Texture					Hardness	Rock Name/Appearance	Alteration	Porphyry	Fractures	Frequency	Blissness 4 To Core Axis	R O D	Fracture Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂
																			Core	Sludge	Core	Sludge	
															13.16		19491						
															95.6		.120	.120		.196			
															13.00		19492						
															91.7		.06	.071		.053			
															13.18		19493						
															92.3		.061	.131		.073			
															12.24		19494						
															86.9		.141	.03		.299			
															13.70		19495						
															96.4		.131	.26		.220			
															12.02		19496						
															84.2		.201	.32		.278			
															11.82		19497						
															82.8		.071	.309		.136			

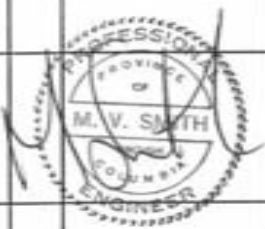
SECTION 13800

ENDAKO MINES

HOLE No. 5108
SHEET No. 1 of 5

LOCATION Endako North East BEARING 187 LATITUDE 30173 N CORE SIZE 20 LOGGED BY MJS
DATE COLLARED _____ LENGTH 350' DEPARTURE 31027 E SCALE OF LOG 1"=10' DATE Sept. 11, 1951
DATE COMPLETED _____ DIP -70° ELEVATION 3370.8 REMARKS _____

D.I.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Flag	No. Spec.	Mafic	Texture	Hardness	Rock Name / Appearance		Width of Vein	Mineralization / Feeding (Type)	Envelope (Type)	Remarks	Fractures	Slickensite 4 To Core Axis	R.O.D.	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% Mo S ₂	
																	Core	Sludge	Core	Sludge	Core	Sludge
						<u>White, blue, grey</u>				<u>10' overburden, clay</u>						11.02		19503				
										<u>sh and sh</u>						77.2		19504	.11	.102		.082
										<u>sh and sh</u>						13.28		19505				
										<u>sh and sh</u>						93.0		19506	.11	.184		.066
										<u>sh and sh</u>						12.98		19507				
										<u>sh and sh with white fill = 2</u>						87.9		19508	.40	.378		.395
										<u>sh and sh</u>						12.16		19509				
										<u>sh and sh</u>						85.2		19510	.12	.164		.189
										<u>sh and sh</u>						13.84		19511				
										<u>sh and sh</u>						96.9		19512	.061	.054		.052
										<u>sh and sh</u>						13.84		19513				
										<u>sh and sh</u>						96.9		19514	.091	.121		.013



SECTION 13200

ENDAKO MINES

HOLE No. 570B
SHEET No. 2 of 5

D.T.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Footage SECURITIES	MINERALIZATION Width of Vain	STRUCTURES Emplacements (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS			
	Flag	No. Spar.	Matrix	Texture	Hardness						Fractures	4. To Core Axis	Frequency	Slickenside 4. To Core Axis	R.O.D.	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% We. %	
																		Core	Sludge	Core	Sludge	Core	Slut
						<u>White, light gray</u>								12.39		P509							
														86.4		.05	.091			.068			
						<u>White, light gray</u>								12.93		P510							
														91.6		.081	.122			.121			
														12.92		P511							
														91.2		.08	.099			.091			
														12.89		P512							
														91.3		.10	.121			.133			
														11.20		P513							
														79.6		.080	.107			.069			
														13.02		P514							
														92.6		.061	.091			.076			
														13.96		P515							
														95.7		.061	.082			.073			

SECTION 13800

ENDAKO MINES

HOLE No. 5202
SHEET No. 2 Of 5

Dfs.	ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Frag	S-Spat.	Mafic.	Texture	Hydrox.	Rock Name/Appearance		Alteration Footage	A To Core Axis	Width of Vein	Mineralization/Footing (Type)	Envelope (Type)	Remarks	Fractures Frequency	Slicability 4 To Core Axis	R O D	Fracture Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																			Core	Sludge	Core	Sludge	Core	Slud
						Med. sh. cont.								7	8				11.79	1956				
														7	8				83.5	.05	.132		.192	
														7	8				12.39	1957				
														7	8				87.7	.091	.133		.179	
														7	8				13.00	1958				
														7	8				92.4	.07	.12		.031	
														7	8				12.59	1959				
														7	8				87.9	.151	.156		.346	
														7	8				13.30	1960				
														7	8				93.1	.14	.255		.154	
														7	8				12.56	1961				
														7	8				88.0	.20	.255		.129	
														7	8				13.82	1962				
														7	8				98.1	.091	.234		.096	

SECTION 13300

ENDAKO MINES

HOLE No. 2703
SHEET No. 4 OF 5

Dip.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS															
	Plug	Ac-Spar	Matrix	Texture				Hardness	Rock Name/ Appearance	4 To Core Axis	Width of Vein	Mineralization / Filling (Type)	Envelope (Type)	Remarks	Fractures	Slickenside 4 To Core Axis	R Q D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂						
																				Frequency	Core	Sludge	Core	Sludge	Core	Sludge	Estimated	Grade	Core	Sludge
																	13.52	1953												
																		99.7	.091	.139		.039								
																		12.96	1954											
																		90.8	.07	.066		.069								
70°	Ag.	best of Ag.		red ss	232													13.66	1955											
																		97.4	.052	.152		.069								
																		13.96	1956											
																		100.0	.091	.205		.068								
																		13.96	1957											
																		100.0	.13	.202		.13								
																		14.02	1958											
																		98.2	.106	.206		.323								
																		14.04	1959											
																		98.3	.08	.206		.064								

SECTION 138m

ENDAKO MINES

HOLE No. 5708
SHEET No. 5 Of 5

D.T.	ROCK TYPES		ALTERATION			GRAPHIC LOG Alteration Footage Structure	MINERALIZATION & STRUCTURES 4. To Core Axis Width of Vein Mineralization/ Faulting (Type) Envelope (Type) Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Plug	In-Situ	Matrix	Texture	Hardness			Rock Name/ Appearance	Frequency	Slicability 4. To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
								Core						Mudge	Core	Sludge	Core	Slud	Combined
							sh	1/2	8			13.39	19530						
							sh and calcite (?)	1/2	8			93.4	.054	.159		.030			
							sh	1/2	8			12.96	19531						
							sh	1/2	8			90.8	.071	.183		.047			
							sh	1/2	8			13.66	19532						
							sh	1/2	8			95.7	.08	.226		.076			
							sh	1/2	8			13.66	19533						
							sh	1/2	8			95.7	.07	.160		.053			
							sh	1/2	8			12.64	19534						
							sh	1/2	8			88.5	.06	.34		.073			
							sh and calcite	1/2	8			19.74	19535						
							sh	1/2	8			100	.20	.222		.121			
							sh and calcite (?)	1/2	8			13.39	19536						
							sh	1/2	8			93.4	.101	.116		.026			

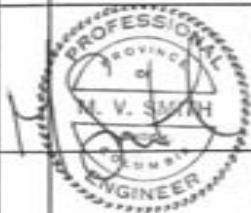
SECTION B700

ENDAKO MINES

HOLE No. 5709
SHEET No. 1 OF 7

LOCATION Endako Inlet East BEARING 187° LATITUDE 30180 N CORE SIZE 20 LOGGED BY MNS
 DATE COLLARED _____ LENGTH 450' DEPARTURE 30925E SCALE OF LOG 1"=10' DATE Sep 9/31
 DATE COMPLETED _____ DIP -55 ELEVATION 3366.4 REMARKS _____

Dip	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Fiss	M-Spar	Mafic	Texture		Hardness	Rock Name / Appearance	Alteration / Faulting (Type)	Envelope (Type)	Remarks	Frequency	Blissable 4 To Core Axis	R O D	Average Blocks	Specific Gravity	Weight in Brms		Sample Number		% Cu & Zn	
																Core	Sludge	Core	Sludge	Core	Sludge
27	4.5	5	bio (air)	5											8.52	19423					
															74.6	.04	.109	.046			
															12.52	19429					
															87.7	.05	.060	.033			
															13.58	19430					
															95.1	.14	.207	.208			
															13.64	19431					
															95.5	.26	.400	.351			
															13.50	19432					
															94.5	.151	.324	.172			
															14.20	19433					
															99.4	.09	.384	.143			



SECTION 13700

ENDAKO MINES

HOLE No. 5709
SHEET No. 2 of 7

Dtz.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS		
	Plug	A-Spec.	Met.	Texture					Hardness	Rock Name / Appearance	Fractures	Weight in Grams	Sample Number	Core	Sludge
										%	%	% MoS ₂	% MoS ₂	Combined	
										13.12		19434			
							Wolste	Linear Stained Fine Surfaces		91.9		19435	.181	.312	.203
							Wolste			12.92		19436			
										91.9		19437	.104	.16	.088
							Wolste			12.92		19438			
										99.0		19439	.251	.277	.140
							Wolste			13.06		19440			
										91.5		19441	.05		.030
							Wolste	Wolste pure massive 5' grad core		8.96		19442			
										62.7		19443	.053	.152	.019
							Wolste			19.08		19444			
										98.6		19445	.051	.100	.074
										13.08		19446			
										91.6		19447	.021		.064

SECTION 13700

ENDAKO MINES

HOLE No. 3709
SHEET No. 3 of 7

Gr.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG	MINERALIZATION Mineralization/ Foliation (type)	STRUCTURES Envelope (Type)	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS			
	Flag	K-Span	Meta.	Texture	Hardness						Frequency	Siliceous 4 To Core Axis	P O D	Porosity Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂			
																Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge
						2' <u>2.74</u>									13.06		19441						
															92.1		.40	.533				.171	
															13.94		19442						
															97.6		.201	.135				.115	
															12.62		19443						
															88.4		.091	.126				.117	
															13.68		19444						
															95.8		.12	.101				.183	
															13.50		19445						
															94.5		.07	.133				.059	
															14.78		19446						
															<u>100</u>		.12	.135				.082	
															12.82		19447						
															86.3		.124	.103				.103	

SECTION 13700

ENDAKO MINES

HOLE No. 3709
SHEET No. 4 Of 7

Dtz.	ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Frag	K-Span	Mafic	Texture	Hardness	Rock Name/ Appearance		Alteration Footage	4 To Core Axis	Width of Vein	Mineralization/ Faulting (Type)	Envelope (Type)	Remarks	Fractures Frequency	Siliceous 4 To Core Axis	R Q D	Porosity Blotch	Specific Gravity	Weight in Brane		Sample Number		% MoS ₂	
																			Core	Sludge	Core	Sludge	Estimated	Grade
						W.H. sh												11.57		PA48				
						W.H. sh												80.7		PA49		.165		
						W.H. sh												10.58						
						W.H. sh												75.2				.759		
						W.H. sh												13.26						
						W.H. sh												94.3				.124		
						W.H. sh												12.64						
						W.H. sh												89.9				.141		
						W.H. sh												9.52						
						W.H. sh												67.7				.121		
						W.H. sh												12.96						
						W.H. sh												90.8				.073		
						W.H. sh												13.84						
						W.H. sh												97.4				.027		

SECTION B700

ENDAKO MINES

HOLE No. 247
SHEET No. 5 OF 7

Dip	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS										
	Flag	Sp. Strat.	Mark.	Texture	Horizons						Rock Name/Appearance	Alteration Process	Mineralization/Precipitation	Envelope (Type)	Remarks	Frequency	Stickenside & To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams	Sample Number	Core	Sludge	% MoS ₂
						5% Al ₂ O ₃ / V. sh. Al ₂ O ₃ / V. sh. Al ₂ O ₃		clay + dolomite / sh. / calc.					20	20		13.68	19455								
								sh. / calc.					20	20		96.5	.081	.256	.102						
								sh. / calc.					20	20		13.69	19456								
								sh. / calc.					20	20		95.5	.05	.051	.099						
								sh. / calc.					20	20		13.36	19457								
								sh. / calc.					20	20		93.6	.10	.25	.111						
								sh. / calc.					20	20		11.98	19458								
								sh. / calc.					20	20		84.3	.15	.49	.204						
								sh. / calc.					20	20		11.04	19459								
								sh. / calc.					20	20		77.3	.061	.147	.070						
								sh. / calc.					20	20		13.38	19460								
								sh. / calc.					20	20		93.7	.101	.159	.068						
								sh. / calc.					20	20		19.28	19461								
								sh. / calc.					20	20		100	.03		.027						

SECTION 13700

ENDAKO MINES

HOLE No. 2709
SHEET No. 6 of 7

Dfs.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS								
	Flag	No-Spar.	Met%	Texture	Hardness						Rock Name/Appearance	Footage	4. To Core Axis	Width of Vein	Mineralization/Footing (Type)	Envelope (Type)	Remarks	Weight in Grams		Sample Number		% MoS ₂	
																		Core	Sludge	Core	Sludge	Core	Sludge
												12.80		PA42									
												89.6		.041	.071			.044					
												12.66		PA43									
												88.7		.061	.082			.071					
												12.02		PA44									
												84.2		.04	.139			.114					
												13.44		PA45									
												95.9		.081	.147			.093					
												12.32		PA46									
												88.3		.121	.159			.064					
												13.64		PA47									
												96.8		.05	.082			.011					
												13.68		PA48									
												95.1		.031	.002			.012					

SECTION 13700

ENDAKO MINES

HOLE No. 539
SHEET No. 3 Of 3

D.F.	ROCK TYPES		ALTERATION		GRAPHIC LOG Core Sludge	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Flag	Si-Seal.	Mo/K	Texture		Hardness	Mineralization/Faulting Type		Emplacement (Type)	Fractures Frequency	Blockiness L To Core Axis	R Q D	Fracture Blocks	Specific Gravity	Weight %	Grains	Sample Number	% Wet	
						Rock Name/Appearance	Width of Vein			L To Core Axis					Core	Sludge	Core	Sludge	Core
					Wk. All. to GPH. 2010		Aluminum Silica Iron Calcium Sulfate	US							12.8f	1946			
															89.2	.02	.003	.015	
							Aluminum Silica Iron Calcium Sulfate								13.6f	1947			
					EDH 45	450									94.8	.02	.012	.028	

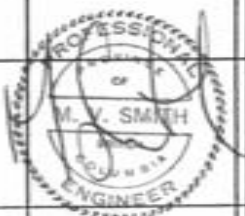
SECTION 13700

ENDAKO MINES

HOLE No. 5710
SHEET No. 1 of 7

LOCATION Endako shaft East end of number 11 BEARING 187° LATITUDE 30184 N CORE SIZE NB LOGGED BY MBS
 DATE COLLARED _____ LENGTH 450' DEPARTURE 30925 E SCALE OF LOG 1"=10' DATE Sep 5/51
 DATE COMPLETED _____ DIP -85° ELEVATION 3366.7 REMARKS _____

D.L.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Flag	No. Spec.	Mat. No.	Texture	Hardness		Rock Name / Appearance	Alteration	4. To Core Axis	Width of Vein	Mineralization / Filling (Type)	Envelope (Type)	Remarks	Fractures	Frequency	Slickensite 4. To Core Axis	R.O.D.	Porosity Blotch	Specific Gravity	Weight in Grams		Sample Number		% Cu & S ₂	
																				Core	Sludge	Core	Sludge	Core	Sludge
011	4K	5	2-6		5							10' casing							11.92		19384				
												limb shd fault							82.8	.05	.096		.03A		
												limb shd fault							13.98		19385				
												limb shd fault							94.9	.05	.104		.017		
												limb shd fault							13.56		19386				
												shd sh							95.0	.07	.090		.033		
												limb shd fault							13.64		19387				
												shd sh							95.5	.11	.159		.167		
												limb shd fault							13.66		19388				
												shd sh							95.7	.15	.173		.156		
												limb shd fault							11.83		19389				
												shd sh							83.2	.10	.095		.075		



SECTION B700

ENDAKO MINES

HOLE No. 5710
SHEET No. 2 OF 7

Dtz.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS											
	Flag	Ac-Spar	Mafic	Texture	Remarks						Rock Name/ Appearance	Fracture	Frequency	Slicability	% To Core	R O D	Footage Blocks	Specific Gravity	Weight in Brane		Sample Number		% MoS ₂	
																			Core	Sludge	Core	Sludge	Core	Slud
						Vol. - Hand Alth. of solid								13.68		19390								
														95.8		.05	.081			.028				
														13.22		19391								
														92.6		.11	.090			.085				
														9.02		19392								
														63.2		.06	.047			.06				
														13.38		19393								
														93.7		.03	.007			.017				
						4.57% of solid								11.98		19394								
														83.9		.04	.007			.039				
														13.48		19395								
														94.4		.06	.030			.108				
														13.68		19396								
														95.8		.05	.020			.071				

SECTION 13200

ENDAKO MINES

HOLE No. 5710
SHEET No. 4 Of 7

Gr.	ROCK TYPES			ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES	Remarks	ROCK QUALITIES				RECOVERY		ASSAY RESULTS		
	Ring	A-Spec.	Mafic	Texture	Hardness		Alteration	Mineralization / Faulting Type			Envelope (Type)	Fractures	Blissness 4 To Core Axis	R O D	Porosity Blissa	Specific Gravity	Waiger in Stone	Sample Number	% MoS ₂
														Core	Sludge	Estimated Grade	Core	Slud	
														%	%	% MoS ₂	% MoS ₂	Combined	
																13.72	19404		
																96.1	.11	.136	.132
																13.73	19405		
																96.5	.06	.053	.041
																13.66	19406		
																95.7	.04	.073	.060
																13.30	19407		
																93.1	.06	.052	.032
																13.69	19408		
																96.2	.06	.114	.049
																13.84	19409		
																98.4	.05	.121	.027
																13.68	19410		
																96.5	.05	.100	.031

making to increasing

low values of -ve exposed throughout

positive bright along 4F

SECTION 13700

ENDAKO MINES

HOLE No. 5710
SHEET No. 6 Of 7

Dtz.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS							
	Plug	K-Spec.	Mtz.	Texture	Horizons						Rock Name/Appearance	4 To Core	Width of Vein	Mineralization/Faulting type	Envelope (type)	Remarks	Weight in Grams		Sample Number		% MoS ₂	
																	Core	Sludge	Core	Sludge	Core	Sludge
				feh								12.26	19418									
										hard rock		85.9	.02	.080			.029					
				v								12.52	19419									
												87.7	.08	.074			.046					
												19.64	19420									
												102.5	.066	.066			.010					
												19.14	19421									
												98.9	.07	.077			.016					
												13.79	19422									
						1' of 100% silica						96.2	.056	.067			.030					
						6' of 100% silica						13.98	19423									
												97.9	.036	.071			.013					
												12.86	19424									
												90.1	.061	.077			.062					

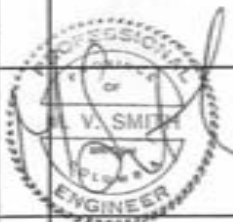
SECTION 1400

ENDAKO MINES

HOLE No. 5911
SHEET No. 1 OF 5

LOCATION Endako East of road number 1 BEARING 187 LATITUDE 3010.3 N CORE SIZE 2 1/2 LOGGED BY HVS
 DATE COLLARED _____ LENGTH 350' DEPARTURE 31213 E SCALE OF LOG 1"=10' DATE Aug 27/51
 DATE COMPLETED _____ DIP -45° ELEVATION 3324.4 REMARKS _____

Dip	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS							
	Plex	No. Sp. Cr.	Mafic	Texture	Hardness				Rock Name / Appearance	Alteration / Fracture	4. To Core Axis	Width of Vein	Mineralization / Faulting Type	Envelope (Type)	Fracture Frequency	Slickenside 4. To Core Axis	R.O.D.	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% Moisture	
																				Core	Sludge	Estimated	Grade	Core	Sludge
0°						Casing 14'											7.00		19310						
0°	0.5	0.5	0.5	0.5	0.5	W.M. M. A. H. G. M.											81.7	.02	19311	.222			.091		
																	12.46		19312						
																	87.3	.10	19313	.116			.068		
																	13.08		19314						
																	91.6	.096	19315	.079			.100		
																	13.16		19316						
																	91.9	.061	19317	.098			.070		
																	13.96		19318						
																	97.0	.09	19319	.094			.085		
																	13.40		19320						
																	93.5	.092	19321	.097			.105		



SECTION 14000

ENDAKO MINES

HOLE No. 5711
SHEET No. 2 of 5

DIT.	ROCK TYPES					ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
	Frag	di-Spat	Mafic	Texture	Hardness	Rock Name/Appearance	Porosity		L to Core Axis	Width of Vein	Mineralization/Pouring Type	Envelope (Type)	Remarks	Frequency	Slickenside L to Core Axis	R Q D	Footage Direct	Specific Gravity	Weight in Grams		Sample Number		% Mo S ₂	
																			Core	Sludge	Core	Sludge	Estimated	Grade
						White Anhydrite						study submitted by 12-1-1931							1368		19310			
																			95.8		19311	.04	.003	.062
																			13.70		19312			
																			95.9		19313	.06	.069	.114
																			12.82		19314			
						White Anhydrite													89.8		19315	.01	.031	.039
																			13.30		19316			
																			93.6		19317	.05	.061	.061
																			12.28		19318			
						White Anhydrite						riding of rock with the mineral part - the percentage of it.							86.1		19319	.09	.158	.062
																			11.60		19320			
																			81.6		19321	.15	.327	.143
																			13.68		19322			
						White Anhydrite													95.8		19323	.10	.212	.152

SECTION V4000

ENDAKO MINES

HOLE No. 5711
SHEET No. 3 OF 5

DTS	ROCK TYPES			ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS						
	Plug	S-Spec	Mark	Texture	Hardness		Rock Name/Appearance	4 To Core Axis		Width of Vain	Mineralization/Faulting (Type)	Emulsion (Type)	Remarks	Fractures	Frequency	Blockable 4 To Core Axis	R O D	Footage Blasts	Specific Gravity	Weight in Brms		Sample Number		% MoS ₂	
																				Core	Sludge	Core	Sludge	Core	Sludge
						Wk. Mod. Alt. GM												13.62		19323					
																		95.4		.091	.154		.118		
																		13.32		19324					
																		93.3		.121	.328		.146		
891	4	45	W	51		Wk. Mod. Alt. GM												13.50		19325					
																		96.0		.301	.371		.336		
																		13.34		19326					
																		94.9		.161	.228		.127		
																		12.92		19327					
																		91.9		.181	.239		.193		
271	4	45	W	45		Wk. Mod. Alt. GM												13.02		19328					
																		93.3		.501	.402		.299		
																		6.98		19329					
																		50.0		.201	.216		.298		

SECTION Wood

ENDAKO MINES

HOLE No. 5711
SHEET No. 4 OF 5

Dip	ROCK TYPES					Alteration Mass Name/ Appearance	GRAPHIC LOG Footage Structure	MINERALIZATION		Structures	Remarks	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS			
	Flag	Ac-Spar	Mafic	Texture	Hardness			4 To Core Axis	Width of Vain			Mineralization/ Footing(Type)	Embosses (Type)	Fractures Frequency	Siliceous 4 To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																			Core	Sludge	Core	Sludge	Estimated	Grade
						<u>Handwritten</u>										7.69		19330						
																54.8		.20?	.348			.390		
																8.92		19331						
																60.3		.02	.148			.043		
27																12.96		19332						
28																83.9		.03	.061			.042		
																12.69		19333						
																89.6		.07	.065			.040		
29																13.59		19334						
																94.8		.01	.027			.049		
																10.18		19335						
																71.6		.01	.046			.031		
																12.90		19336						
																90.5		.031	.002			.077		

SECTION 1400

ENDAKO MINES

HOLE No. 6711
SHEET No. 5 Of 5

Dtz.	ROCK TYPES					ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Plug	S-Spar.	Mafic	Texture	Hardness	Rock Name/Appearance	% to Core Axis		Width of Vein	Mineralization/Faulting Type			Envelope (Type)	Fractures	Frequency	Slickenside & To Core Axis	R Q D	Fracture Blot %	Specific Gravity	Weight in Brane		Sample Number		% MoS ₂	
																				Core	Sludge	Estimated	Grade	Core	Slud
						<u>W.H. HUGH</u>											13.64		19327						
																	95.5		.01	.005			.015		
																	13.56		19328						
																	95.0		.036	.039			.029		
																	13.86		19329						
											<u>near the end</u>						97.1		.051	.067			.052		
																	13.44		19340						
																	94.1		.01	.057			.033		
																	13.88		19341						
																	97.2		.056	.062			.031		
																	13.40		19342						
																	93.8		.051	.056			.029		
																	13.34		19343						
																	93.4		.047	.059			.059		

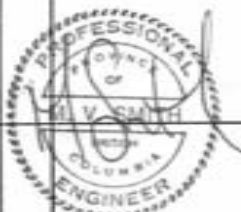
SECTION 1400

ENDAKO MINES

HOLE No. 5712
SHEET No. 1 Of 6

LOCATION Endako North East north of section #1 BEARING of LATITUDE 30109 N CORE SIZE 1/2 LOGGED BY MNS
 DATE COLLARED _____ LENGTH 400' DEPARTURE 31215 E SCALE OF LOG 1"=10' DATE Sept 3/81
 DATE COMPLETED _____ DIP -30° ELEVATION 3325.2 REMARKS _____

D.T.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS	
	Flag	W-Seq.	Mo/N.	Texture				Hardness	Rock Name/Appearance	Frequency	Blockable & To Core Axis	R.O.D.	Fracture Blocks	Specific Gravity	Weight in Grams	Sample Number	% H ₂ O	
															Cone	Sludge	Core	Sludge
10												8.60	P344					
10	10	10	10	10	10	10	10	10	10	10	100.	.061	/	.104				
10											11.86	P345						
10											83.1	.09 ?	.242	.122				
10	10	10	10	10	10	10	10	10	10	10	13.96	P346						
10											95.6	.16	.211	.137				
10											12.98	P347						
10											91.6	.20	.332	.312				
10											13.70	P348						
10											95.9	.10	.155	.113				
10											12.76	P349						
10											89.4	.22 ?	.457	.260				



SECTION 14000

ENDAKO MINES

HOLE No. 5712
SHEET No. 2 Of 6

D.F.	ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS										
	Plug	No-Sear.	Matrix	Texture					Hardness	Rock Name/ Appearance	4. To Core Axis	Width of Vein	Mineralization/ Fociling (Type)	Envelopes (Type)	Remarks	Weight in Grams		Sample Number		% MoS ₂	
																Core	Sludge	Core	Sludge	Core	Sludge
													12.99		19350						
													98.6		19351	.101	.185				.068
													13.39								
													93.4		19352	.061	.059				.080
													13.02								
													91.2		19353	.051	.149				.016
													13.76								
													96.4		19354	.071	.156				.124
													13.28								
													93.7		19355	.071	.096				.114
													12.76								
													90.0		19356	.081	.147				.102
													12.63								
													88.3			.071	.115				.061

HOLE No. 571a
SHEET No. 5 Of 6

SECTION Hood ENDAKO MINES

Dfs.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Flag	R-Spec.	Meta.	Texture	Hardness		Rock Name / Appearance	Alteration	Envelope (Type)	Fractures	Frequency	Sliceable 4 To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	% MoS ₂
							4 To Core Axis	Width of Vein							Core	Sludge	Core	Sludg	
															%	%	Estimated Grade	Grade	Combined
						<u>Handwritten notes</u>											19357		
															13.62				
															95.4		19358		
															13.16				
															92.2		19359		
															13.30				
															94.6		19360		
															13.98				
															94.4		19361		
															13.92				
															97.5		19362		
															13.94				
															97.6		19363		
															13.58				
															95.1				

SECTION 1400

ENDAKO MINES

HOLE No. 5712
SHEET No. 4 Of 6

Dip	ROCK TYPES				ALTERATION		GRAPHIC LOG Alteration Footage Structures	MINERALIZATION		STRUCTURES		Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Plug	Ac-Spar	Mat'x	Texture	Horizons	Rock Name/ Appearance		Width of Vain	Mineralization/ Footing (Type)	Envelope (Type)	Fractures 4. To Core Axis		Frequency	Siliceous 4. To Core Axis	R O D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% Wet Wt	
																		Core	Sludge	Core	Sludge	Core	Sludge
						White and grey sand										17.46		19364					
																94.3		.03	.02			.038	
						Black shale										12.98		19365					
																91.1		.01	.089			.045	
																13.28		19366					
																93.0		.06	.100			.066	
																13.28		19367					
																93.0		.028	.041			.029	
																13.72		19368					
																96.1		.05	.071			.068	
						20 Carbonate										12.70		19369					
																88.9		.04	.073			.050	
																13.62		19370					
																95.4		.07	.022			.053	

SECTION 14000

ENDAKO MINES

HOLE No. 5710
SHEET No. 6 Of 6

Dtz.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Scale 4 To Core Ash	MINERALIZATION		STRUCTURES Envelope (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Flag	A-Spar.	Mafic.	Texture	Hardness			4 To Core Ash	Width of Vain			Mineralization/ Fauing(Type)	Frequency	Siliceous 4 To Core Ash	P.O.D.	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																		Core	Sludge	Core	Sludge	Core	Sludge
															7.88		19378						
						21-2' SFDye	35m								55.2		19379			.034			
							4m								12.96		19379						
							4m								87.3		19379			.003			
							3m								12.96		19380						
							2m								90.8		19380			.005			
13	Sp s	Sp s	ho	feh	ss	<u>W.A. 1017 581</u>	3m								13.92		19381						
							3m								96.7		19381			.014			
							3m								13.10		19382						
							3m								91.0		19382			.012			
							3m								11.94		19383						
						E.O.H.	4m								83.0		19383			.004			

SECTION 14150

ENDAKO MINES

HOLE No. 5713
SHEET No. 1 OF 6

LOCATION Endako 2.5 East above section #1 BEARING 157 LATITUDE 30108 CORE SIZE 1/2 LOGGED BY MVS
 DATE COLLARED _____ LENGTH 400' DEPARTURE 21268 SCALE OF LOG 1"=10' DATE Aug 26, 1971
 DATE COMPLETED _____ DIP -65° ELEVATION 2309.6 REMARKS _____

DIP	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS							
	Plus	In-Sect.	Mafic	Texture	Hardness		Rock Name/Appearance	4 To Core Axis	Width of Vein	Mineralization/Faulting (Type)	Envelope (Type)	Remarks	Fracture		Blisterlike 4 To Core Axis	R O D	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
													Frequency	4 To Core Axis					Core	Sludge	Estimated Grade	Core	Sludge	Core
											4' casing							3.50	19271					
	Agp	Agp	3-5'		5	14150					long to dined fracture project backlogged up	?	ruff	0				40.5	.01	.012	.001			
											long to dined fracture surfaces		ruff	60				11.12	19272					
											long to dined fracture surfaces		ruff	70				77.3	.02	.052	.009			
											long to dined fracture surfaces		ruff	70				13.56	19273					
											long to dined fracture surfaces		ruff	70				99.2	.02	.048	.040			
											long to dined fracture surfaces		ruff	70				13.54	19274					
											long to dined fracture surfaces		ruff	70				94.1	.005	.15	.127			
											long to dined fracture surfaces		ruff	70				12.60	19275					
											long to dined fracture surfaces		ruff	70				88.4	.140	.198	.454			
											long to dined fracture surfaces		ruff	70				12.18	19276					
											long to dined fracture surfaces		ruff	70				84.6	.041	.062	.059			



SECTION 1450

ENDAKO MINES

HOLE No. 5713
SHEET No. 2 Of 6

D.F.	ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
	Frag	K-Spar	Mafic	Texture	Hardness	Rock Name / Appearance		L. To Core Ash	Width of Vein	Mineralization / Filling (Type)	Envelope (Type)	Remarks	Fractures Frequency	Slicability 4. To Core Ash	R.O.D.	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																		Core	Wedge	Estimated	Grade	Core	Sludge
4-17					4.5	Control											12.58		19271				
																	87.9		19271	.04	.081		.191
											Shaly well developed shaly zone						13.26		19278				
																	92.9		19278	1.101	.252		.998
											low limonite staining						13.70		19277				
																	95.9		19277	.056	.777		.229
											low limonite staining						12.78		19280				
																	89.5		19280	.085	.206		.134
											extensive limonite staining						11.80		19281				
																	82.6		19281	.041	.205		.110
											low - 1000 yellow						12.96		19282				
																	90.8		19282	.06	.157		.072
											low limonite staining						13.20		19283				
																	92.4		19283	.031	?		.066

SECTION V150

ENDAKO MINES

HOLE No. 5713
SHEET No. 5 of 6

Dip	ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS														
	Prog	L-Spec	Meta	Texture	Hardness	Rock Name / Appearance					Fractures	L to Core	Width of Vein	Mineralization / Fracture Type	Envelope (Type)	Remarks	Frequency	Sliceable L to Core	R Q D	Fracture Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																						Core	Sludge	Estimated	Grade	Core	Sludg
145																			13.12	19264							
																			92.6	.02	.073			.025			
																			13.20	19265							
																			93.9	.061	?			.070			
																			12.50	19266							
																			88.9	.021	.080			.053			
																			13.19	19267							
																			93.4	.061	.106			.079			
																			13.18	19268							
																			93.4	.041	?			.048			
																			11.88	19269							
																			83.2	.01	.074			.010			
																			12.59	19270							
																			87.8	.02	.060			.001			

SECTION 1450

ENDAKO MINES

HOLE No. 5713
SHEET No. 4 Of 6

Dfs.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS										
	Frag.	k-Spar.	Mafic.	Texture	Hardness					Rock Name/Appearance	Footage	4. To Core Ash	Width of Vein	Mineralization/Footing (Type)	Envelope (Type)	Remarks	Fracture Frequency	Slicability 4. To Core Ash	R O D	Footage Block	Specific Gravity	Weight in Stone		Sample Number		% Wt. S ₂	
																						Core	Ridge	Estimated	Grade	Core	Sludg
						<u>White and grey</u>		siliceous quartz calcite pyrite magnetite hematite limonite goethite					13.44	75				13.44	19291								
								siliceous quartz calcite pyrite magnetite hematite limonite goethite					94.1	75	230			94.1	19292	.026	.050	.001					
								siliceous quartz calcite pyrite magnetite hematite limonite goethite					13.44	75				94.1	19293	.039	.071	.025					
								siliceous quartz calcite pyrite magnetite hematite limonite goethite					12.80	75	230			87.6	19294	.02	.05	.006					
								siliceous quartz calcite pyrite magnetite hematite limonite goethite					12.56	75				89.0	19295	.02	.05	.001					
								siliceous quartz calcite pyrite magnetite hematite limonite goethite					8.29	10				57.7	19296	.01	.02	.007					
								siliceous quartz calcite pyrite magnetite hematite limonite goethite					11.50	75	230			80.5	19297	.01	.05	.001					
								siliceous quartz calcite pyrite magnetite hematite limonite goethite					13.44	75				94.1	19298	.03	.05	.037					

SECTION H50

ENDAKO MINES

HOLE No. 5713
SHEET No. 5 Of 6

ROCK TYPES						ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
Qtz.	Flg.	Ac-Spat.	Mafic.	Tuffaceous	Hydrothermal	Rock Name/ Appearance	Alteration		Footage	Mineralization Footing (Type)	Envelope (Type)	Remarks	Fractures	Frequency	Slicability 4 To Core Axis	R.O.D.	Fracture Blocks	Specific Gravity	Weight in Grams	Sample Number	Core	Sludge	% MoS ₂	% MoS ₂
						Wk. V. L. H. G. M. S. L.		300	deformed deformed deformed deformed deformed			1000	f	f	7	96		1360	19298					
								300	deformed			1000	f	f	7			95.2	19299					.002
								300	deformed			1000	f	f	7	300		93.3	19300					.002
								300	deformed			1000	f	f	7			81.1	19301					.002
								300	deformed			1000	f	f	7	50		86.7	19302					.001
bed	dyke	quartz	bio	foam	5-6	Wk. V. L. H. G. M. S. L.		300	deformed deformed deformed			1000	f	f	7	300		11.12	19303					.002
								300	deformed			1000	f	f	7	50		77.3	19304					.002
								300	deformed			1000	f	f	7			13.04	19305					.002
								300	deformed			1000	f	f	7	50		90.6	19306					.002
								300	deformed			1000	f	f	7			12.42	19307					.001
								300	deformed			1000	f	f	7	30		86.3	19308					.001

SECTION 14300

ENDAKO MINES

HOLE No. 5714
SHEET No. 1 of 5

LOCATION Endako North East BEARING 0 LATITUDE 30049 CORE SIZE 10 LOGGED BY MVS
DATE COLLARED _____ LENGTH 350 ft DEPARTURE 31509 SCALE OF LOG 1"=10' DATE NOV 1, 1991
DATE COMPLETED _____ DIP -20 ELEVATION 3277.8 REMARKS _____

DIP	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
	Fiss	N-Span	Metk.	Texture	Hardness	Rock Name / Appearance		4 To Core Ash	Width of Vein	Alteration / Faulting (Type)	Envelope (Type)	Remarks	Fractures Frequency	Slickensite 4 To Core Ash	R O D	Porosity Blocks	Specific Gravity	Weight in Frame		Sample Number		% Mo S ₂	
																		Core %	Wedge %	Core	Sludge	Estimated	Grade
						22 Cong [Handwritten]	22										5.50		3436				
																	49.2		.01				.023
																	7.88		3457				
																	56.5		.02				.039
																	8.96		3456				
																	64.2		.04				.050
																	11.52		3439				
																	82.6		.071				.068
																	11.25		3430				
																	80.8		.061				.042
																	7.18		3431				
																	51.5		.097				.077



SECTION 1430

ENDAKO MINES

HOLE No. 5714
SHEET No. 2 Of 5

Dts.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
	Reg	A-Spec.	Mafic	Texture	Hardness					Rock Name / Appearance	Mineralization / Faulting Type	Faults	Fractures	Frequency	Blockiness & To Core Axis	R.O.D.	Porosity Blasts	Specific Gravity	Weight in Grams
						Mal. I. H. M. 0.1/1										6.48	2432		
																46.4	.04		.012
																10.14	2433		
																72.7	.04		.029
						Mal. I. H. M. 0.1/1										12.68	2434		
																90.2	.06		.003
																11.52	2435		
																81.9	.04		.009
																12.26	2436		
																87.2	.067		.019
						Mal. I. H. M. 0.1/1										12.06	2437		
																86.0	.02		.016
																13.04	2438		
																92.7	.01		.012

HOLE No. 5714
SHEET No. 3 Of 5

SECTION 300

ENDAKO MINES

D.T.	ROCK TYPES			ALTERATION	GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS					
	Flag	No-Spar	Matrix			Rock Name/Abundance	L to Core Axis			Width of Vein	Mineralization/Faulting (Type)	Envelope (Type)	Remarks	Weight in Grams		Sample Number		% Wt %	
														Core	Sludge	Core	Sludge	Core	Sludge
				PH 8.5-9.0							10.42		209						
											74.1		.01		.005				
				PH 8.5-9.0							12.06								
											85.5		.01		.005				
											13.18								
											92.3		.031		.003				
				PH 8.5-9.0							12.62								
											88.5		.01		.009				
											13.44								
											94.1		.03		.010				
											12.82								
											89.8		.01		.011				
											12.80								
											89.6				.011				

SECTION K300

ENDAKO MINES

HOLE No. 571A
SHEET No. 4 OF 5

Dfs.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS					
	Plug	Ac-Spar.	Mafic.	Texture	Hardness						Rock Name/Appearance	Mineralization/Faulting (Type)	Envelope (Type)	Fractures	Frequency	Slickenside	R Q D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% Metals	
																				Core	Sludge	Core	Sludge	Core	Sludge
															12.89		2440								
															89.9		.01				.002				
															11.60		2440								
															81.2		.02				.004				
															13.49		2442								
															94.1		.005				.025				
															13.76		2449								
															96.4		.05				.015				
															12.82		2450								
															89.8		.00				.001				
															12.96		2451								
															90.1		.001				.008				
															13.96		2452								
															93.5		.041				.002				

SECTION 1420

ENDAKO MINES

HOLE No. 571A
SHEET No. 5 OF 7

Dfs.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS							
	Flag	k-Spar.	Mafic.	Texture	Hardness						Rock Name/ Appearance	Fractures	4 To Core Axis	Width of Vein	Mineralization/ Fociting (Type)	Embosses (Type)	Frequency	Blissness 4 To Core Axis	R O O	Fracture Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																						Core	Sludge	Core	Sludge	Core	Sludge
																	11.63		253								
																	81.2		.01				.005				
																	12.00		.03								
																	83.4		.06				.014				
																	12.58		.03								
																	90.2		.03				.024				
																	13.12		.03								
																	92.2		.06				.004				
																	12.96		.03								
																	91.1		.07				.025				
																	13.12		.03								
																	91.9		.04				.001				

EO.H

SECTION 14400

ENDAKO MINES

HOLE No. SP15
SHEET No. 1 Of 4

LOCATION _____ BEARING 187 LATITUDE 30037 CORE SIZE NQ LOGGED BY MKS
 DATE COLLARED _____ LENGTH 310 ft DEPARTURE 31607 SCALE OF LOG 1"=10' DATE Nov 14, 1991
 DATE COMPLETED _____ DIP -55 ELEVATION 3266.3 REMARKS _____

DIT.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Pits	Ac-Spec.	Matk.	Texture	Hardness	Rock Name/ Appearance		Alteration Footage	4 To Core Axis	Width of Vain	Mineralization/ Footing Types	Envelope (Type)	Remarks	4. to core Frequency	Sliceable 4 To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% Cu & Z	
																			Core	Sludge	Core	Sludge	Core	Sludge
20	3-4	4-5	01 (3-2)		4+	Int. Alth. GM						60' casing						9.96	2409					
												structure/poor etc						32.3	.08				.025	
												etc. lat						5.20	2460					
												etc. lat						37.7	.02				-.021	
												Int. Alth. + sludge etc						7.12	2461					
												5' fault etc. chd						51.6	.01				.001	
																		11.95	2462					
																		86.9	.01				.004	
																		11.78	2463					
																		85.4	.031				.018	
20	4	4-5	01 (3-2)		45	Int. Alth. GM						5' fault etc. chd						11.62	2464					
																		83.3	.02				.008	



SECTION V400

ENDAKO MINES

HOLE No. 515
SHEET No. 2 of 4

Qtz.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS															
	Plag.	K-Spar.	Mafic.	Texture	Hardness						Rock Name/Appearance	Footage	4 To Core Axis	Width of Vein	Mineralization/Faulting (Type)	Envelope (Type)	Remarks	Frequency	Siliceous 4 To Core Axis	H O O	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																							Core	Sludge	Core	Sludge	Estimated Grade	Grade
				Bedded		Bedded													12.38	2465								
				Bedded															89.7	.04				.007				
				Bedded															12.96	2466								
				Bedded															89.3	.10				.030				
				Bedded															12.14	2467								
				Bedded															87.0	.07				.029				
				Bedded															10.99	2468								
				Bedded															78.4	.02				.008				
				Bedded															12.19	2469								
																			87.0	.01				.016				
																			12.56	2470								
																			90.0	.06				.046				
																			12.58	2471								
																			90.2	.04				.02				

SECTION 1400

ENDAKO MINES

HOLE No. 1400
SHEET No. 3 Of 4

ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS	
Qtz.	Flg.	Al-Sp.	Mf.		Rock Name / Appearance	Mineralization / Faulting (Type)			Envelope (Type)	Weight in Grams	Sample Number	% MoS ₂
				Risk Type / Alteration	Width of Vein		Core	Sludge	Core	Sludge	Core	Sludge
				Footage	∠ To Core Axis		%	%	% MoS ₂	% MoS ₂	Combined	
				11					11.89	2472		
				12					89.2	.031		.019
				13					12.00	2473		
				14					85.3	.031		.009
				15					12.40	2474		
				16					83.2	.041		.014
				17					13.86	2475		
				18					97.1	.01		.011
				19					13.22	2476		
				20					92.6	.021		.007
				21					12.98	2477		
				22					87.4	.01		.008
				23					10.69	2478		
				24					79.5	.031		.009

SECTION 13100

ENDAKO MINES

HOLE No. 5715
SHEET No. 4 Of 4

D.F.	ROCK TYPES					ALTERATION		GRAPHIC LOG Footage Structures	MINERALIZATION Veins & Vein	MINERALIZATION / Faulting Type	STRUCTURES Envelope (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Plug	In-Spar.	Matrix	Texture	Hardness	Rock Name / Appearance	Fractures Frequency						Slickensite & To Core Axis	R.O.D.	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂		
																	Core	Sludge	Estimated	Grade	Core	Sludg.	Combined
																12.58		2479					
																88.1		.02					.007
																12.74		2480					
																89.2		.01					.001
																13.52		2481					
																94.7		.061					.032
																12.56		2482					
																88.0		.10?					.053
																13.40		2483					
																93.8		.041					.001

Thin shaly
permeable light gray
hydrocarbon
residual in

SECTION 14400

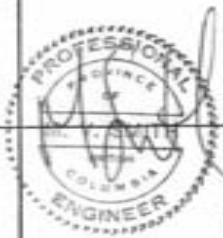
ENDAKO MINES

HOLE No. 5716

SHEET No. 1 of 5

LOCATION Endako North East BEARING 0 LATITUDE 30180 CORE SIZE 10 LOGGED BY MVS
 DATE COLLARED _____ LENGTH 379 ft DEPARTURE 31629 SCALE OF LOG 1"=10' DATE Nov 18, 31
 DATE COMPLETED _____ DIP -30 ELEVATION 3299.9 REMARKS _____

DIT.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS											
	Figs	No-Spec.	Matn.	Texture	Hardness	Rock Name/ Appearance			Alteration	Foliation	Scherzer	4 To Core Axis	Width of Vein	Mineralization/ Footing (Type)	Envelope (Type)	Remarks	Fracture Frequency	Slicability 4 To Core Axis	R.O.D.	Footing Block	Specific Gravity	Weight in Grams		Sample Number		% MoS_2	
																						Core	Sludge	Core	Sludge	Core	Sludge
1					UT															6.66		2560					
																					46.6		2563	.01		.043	
																					13.18		2563				
																					92.3		2564	.081		.032	
																					13.46		2564				
																					94.3		2565	.03		.068	
																					13.34		2565				
																					93.4		2565	.041		.044	
																					13.18		2566				
																					92.3		2567	.04		.025	
																					13.18		2567				
																					92.3		2567	.02		.047	



SECTION 14400

ENDAKO MINES

HOLE No. 276
SHEET No. 3 OF 5

DIT	ROCK TYPES			ALTERATION		GRAPHIC LOG Foliage Structures	MINERALIZATION Width of Vein	MINERALIZATION / Foliation (Type)	STRUCTURES Envelope (Type)	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Flag	In-Spar.	Matrix	Texture	Hardness						Rock Name/ Appearance	Fractures 4. To Core Axis	R Q D	Fracture Blocks	Specific Gravity	Weight in Grams		Sample Number		% We %g	
																Core	Sludge	Core	Sludge	Core	Sludge
						6' GPP Dyke									12.92		2565				
															91.1		2569	.02		.058	
															12.86						
															70.3		2570	.02		.048	
						Madison									13.42		2576				
															93.0		2577	.01		.015	
						1' Anhydrite Dyke									13.18		2578				
															93.8		2579	.01		.003	
															13.12		2582				
															93.3		2583	.01		.001	
															13.90		2584				
															95.3		2584	.01		.007	
															13.14						
															93.4					.014	

SECTION 1400

ENDAKO MINES

HOLE No. 5716
SHEET No. 3 OF 5

Dfs.	ROCK TYPES					ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS													
	Flag	Ac-Spec.	Mafic	Texture	Hardness	Rock Name/Appearance	% To Core Ash					Width of Vein	Mineralization/Fossiliferous (Type)	Envelope (Type)	Remarks	Fractures 4 to Core Ash	Frequency	Slickenside 4 to Core Ash	R O D	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% Mo S ₂	
																						Core	Sludge	Core	Sludge	Core	Sludge
						Hard siliceous sand													13.52		2575						
						100% siliceous sand													96.1		.01			.002			
						70% siliceous sand													13.36		2576						
						70% siliceous sand													95.0		.01			.029			
						70% siliceous sand													13.52		2577						
						70% siliceous sand													96.1		.02			.001			
						70% siliceous sand													13.54		2578						
						70% siliceous sand													96.3		.01			.008			
						70% siliceous sand													13.34		2579						
						70% siliceous sand													94.9		.02			.021			
						70% siliceous sand													12.94		2580						
						70% siliceous sand													92.4		.02			.003			
						70% siliceous sand													12.96		2581						
						70% siliceous sand													92.9		.01			.011			

SECTION VH-20

ENDAKO MINES

HOLE No. 2311
SHEET No. 2 Of 5

Dts.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Alteration Footage Structures	MINERALIZATION 4 To Core Axis Width of Vein	MINERALIZATION/ Footing (Type)	STRUCTURES Embosses (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
	Flag	Ac-Spat	Mafic	Texture	Hardness							Fractures to core	Frequency	Slakeable 4 To Core Axis	R.O.D.	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% Wet %g	
																		Core	Wedge	Core	Sludge	Core	Sludge
						Mudstone										12.56		2000					
																90.0		2000				.009	
																11.96		2000					
						3" off Dike										85.7		2000				.011	
						Mudstone										13.50		2000					
																76.4		2000				.001	
																12.82		2000					
						3" off Dike										91.2		2000				.004	
						Mudstone										13.62		2000					
																95.4		2000				.008	
																13.70		2000					
																95.9		2000				.002	
																13.74		2000					
																96.2		2000				.001	

SECTION 450

ENDAKO MINES

HOLE No. 577SHEET No. 1 Of 6

LOCATION Endako North East BEARING 0 LATITUDE 30220 CORE SIZE 1/2 LOGGED BY MVS
 DATE COLLARED _____ LENGTH 300 ft DEPARTURE 21386 SCALE OF LOG 1"=10' DATE Nov 19/51
 DATE COMPLETED _____ DIP -90 ELEVATION 3342.3 REMARKS _____

Dip	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Foss	No-Span	Metk.	Texture	Hardness			Rock Name/ Appearance	Fractures	Blotchiness 4 To Core Axis	R O D	Fracture Block	Specific Gravity	Weight in Grams		Sample Number		% CuS ₂	
														Core	Sludge	Core	Sludge	Core	Sludge
22						22	22ft Casing Lime to Shale Factor Surfaces					11.93	33						
18						18	more sh					100	3520					.050	
20						20						13.29	3520						
20						20						93.0	3520					.116	
20						20						12.72	3520						
20						20						89.1	3520					.055	
20						20	more sh + 2' sh unit Lime to shale fact					11.09	3520						
20						20	more sh + 2' sh unit					77.3	3520					.108	
20						20	more sh + 2' sh unit					13.30	3520						
20						20	shale					94.6	3520					.288	
20						20						13.56	3520						
20						20						95.0	3520					.085	



SECTION 14150

ENDAKO MINES

HOLE No. 1417
SHEET No. 2 Of 6

ROCK TYPES						ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS						
Gr.	Flg.	Ac-Span	Mafic	Texture	Hardness	Rock Name / Appearance	Alteration		Footage	4 To Core Axis	Width of Vein	Mineralization / Parting (Type)	Envelope (Type)	Remarks	Fractures	Frequency	Blockable 4 To Core Axis	R.O.D.	Footage Block	Specific Gravity	Weight in Grams	Core	Sludge	Sample Number	Core	Sludge	% MoS ₂	% MoS ₂
						Handwritten description		100			Handwritten mineralization			100						13.72			2500					
						Handwritten description		100			Handwritten mineralization			100						96.1			2500					.057
						Handwritten description		100			Handwritten mineralization			100						13.70			2500					
						Handwritten description		100			Handwritten mineralization			100						98.2			2500					.117
						Handwritten description		100			Handwritten mineralization			100						13.36			2500					
						Handwritten description		100			Handwritten mineralization			100						95.7			2500					.049
						Handwritten description		100			Handwritten mineralization			100						13.30			2600					
						Handwritten description		100			Handwritten mineralization			100						94.2			2600					.060
						Handwritten description		100			Handwritten mineralization			100						13.18			2600					
						Handwritten description		100			Handwritten mineralization			100						92.3			2600					.013
						Handwritten description		100			Handwritten mineralization			100						13.32			2600					
						Handwritten description		100			Handwritten mineralization			100						93.4			2600					.297
						Handwritten description		100			Handwritten mineralization			100						12.12			2600					
						Handwritten description		100			Handwritten mineralization			100						85.0			2600					.142

SECTION 1450

ENDAKO MINES

HOLE No. 216
SHEET No. 3 OF 6

ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS	
Qty.	Flag	No. Spac.	Mark.	Texture	Hardness		Rock Name/ Appearance	Mineralization/ Footing (Type)	Structures (Type)	Remarks	Fractures Frequency	Blissenide L. To Core Axis	R O D	Footing Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																Core	Mudge	Core	Sludge	Core	Sludge
						3PP Dike			Linear Dike Fickers cut						13.22		2604				
															93.0		.023				.053
															13.44						
						1/4 inch Dike to top									95.2		.021				.041
															13.89						
															98.2		.026				.041
															9.42						
															66.7		.016				.028
															7.70						
															70.1		.016				.055
															10.74						
															76.1		.016				.040
															13.30		2610				
															94.5		.011				.059

SECTION 450

ENDAKO MINES

HOLE No. 527
SHEET No. 2 OF 4

D.T.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Finger Scale	MINERALIZATION Width of Vein	MINERALIZATION/ Footing (Type)	STRUCTURES Embosses (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS				
	Flag	No. Spec.	Mafic	Texture	Hardness							Fracture to core	Frequency	Silica % To Core Ass	R U D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																		Core	Sludge	Core	Sludge	Core	Sludge
						Off-Dry solid										12.22	26.6						
																86.6	.02				.073		
																12.09	26.2						
																85.3	.02				.048		
45						20' Off-Dry solid										13.44	26.3						
																94.1	.02				.055		
																13.60	26.2						
																95.2	.02				.042		
																13.42	26.5						
																94.0	.02				.061		
						Off-Dry										12.59	26.6						
																88.4	.01				.052		
																13.60	26.7						
																95.2	.02				.046		

SECTION 1450

ENDAKO MINES

HOLE No. 2512
SHEET No. 5 Of 6

Dip	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY RESULTS									
	Flag	Color	Mafic	Texture	Hardness					Rock Name / Appearance	Fractures	Frequency	Bluish-gray to Core	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂
																	Core	Sludge	Core	Sludge	
													13.76								
													96.4					.030			
gray	blue	pink	sil										13.69								
													97.7					.011			
													12.22								
													86.6					.024			
													13.50								
													94.5					.006			
													10.69								
													74.8					.024			
													13.08								
													91.6					.001			
													11.34								
													82.2					.001			

SECTION 330

ENDAKO MINES

HOLE No. 5718
SHEET No. 1 Of 2

LOCATION Endako, North East BEARING 0 LATITUDE 3029.6 CORE SIZE 02 LOGGED BY MOS
 DATE COLLARED _____ LENGTH 450 ft DEPARTURE 215.42 SCALE OF LOG 1"=10' DATE Nov 14 1971
 DATE COMPLETED _____ DIP -26 ELEVATION 2341.6 REMARKS _____

Dip	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS							
	Flag	No-Spec.	Mat'n.	Texture	Hardness					Rock Name / Appearance	Alteration / Footage	Width of Vein	Mineralization / Footing (Type)	Envelope (Type)	Remarks	Fractures	Slickenside 4 To Core Axis	R.O.D.	Footage Blk'n	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																					Core	Sludge	Core	Sludge	Core	Sludge
						15' Calc.											1.94		246A							
15°	Red gran.	pink	bio ds.	45	Hardish		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	27.6		246B			.017				
							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	11.08		246C							
							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	78.8		246D			.03	.050			
						2' Sph. Calc.											12.22		246E							
							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	87.2		246F			.091	.058			
							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	12.94		246G							
							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	92.0		246H			.031	.057			
							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	13.06		246I							
							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	92.9		246J			.02	.024			
							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	13.28		246K							
							1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	94.4		246L			.031	.071			



SECTION 1300

ENDAKO MINES

HOLE No. 5716
SHEET No. 2 Of 7

Dtz.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Alteration Footage Structure	MINERALIZATION Width of Vein	STRUCTURES Envelope (Type)	ROCK QUALITIES Fractures Frequency Slicability L to Core Axis R Q D Fracture Block Specific Gravity	RECOVERY		ASSAY		RESULTS	
	Flg	Gr-Spar	Mafic	Texture	Hardness						Weight in Grams	Sample Number	% MoS ₂			
	Core	Sledge	Core	Sledge	Estimated						Grade	Core	Sledge	Combined		
											13.02	2496				
											92.6	.02			.044	
45											12.72	2496				
											89.1	.05			.050	
											13.60	2492				
											95.2	.04			.028	
											13.12	2493				
											91.9	.06			.032	
											14.00	2494				
											98.0	.03			.078	
											13.58	2495				
											95.1	.05			.024	
											13.34	2496				
											93.4	.03			.032	

SECTION H200

ENDAKO MINES

HOLE No. 5916
SHEET No. 3 Of 7

Qtz.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS				
	Flg	Ac-Spar.	Mafic.	Texture	Hardness				Block Name / Appearance	Alteration	4 To Core Axis	Width of Vein	Mineralization / Fracturing (Type)	Embosses (Type)	Remarks	Fractures	Frequency	Blockable 4 To Core Axis	R.O.D.	Footage Block M.	Specific Gravity	Weight in Brn
																			Core	Sludge	Core	Slud
																			%	%	Estimated Grade	Combined
						100% Dye 476													12.28	2477		
																			86.0	.02		.030
																			12.72	2476		
																			89.1	.02		.057
																			13.12	2475		
																			91.9	.051		.061
						33' GFP Dye													12.60	2500		
																			88.8	.057		.057
																			2.88	2501		
																			62.9	.081		.069
																			12.98	2502		
																			91.9	.021		.028
																			10.14	2503		
																			71.8	.01		.026

SECTION 1400

ENDAKO MINES

HOLE No. 272
SHEET No. A Of 2

Dtz.	ROCK TYPES			ALTERATION		GRAPHIC LOG Footage STRUCTURE	L. To Core A. to	Width of Vein	MINERALIZATION Mineralization/ Footing (Type)	STRUCTURES Envelope (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
	Flint	Flint	Flint	Moist.	Texture							Rock Name/ Appearance	Frequency	Disintegrable L. To Core A. to	R.O.D.	Footage Block	Specific Gravity	Weight in Core	Weight in Sludge	Core Estimated Grade	Sludge Estimated Grade	Core	Sludge
	%	%	%	%	%							%	%	%	%	%	%	%	%	%	%	%	%
1	Flint	Flint	Flint	Moist.	Texture	Rock Name/ Appearance 4' 00" to 10' 00"	0-10'	1/2"	Aluminum Silicate Aluminum			7	10'			12.98	2504						
2							10-20'	1/2"	Aluminum			7	10'			91.2	.01		.011				
3							20-30'	1/2"	Aluminum			7	10'			13.42	2505						
4							30-40'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			94.0	.02		.028				
5							40-50'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			13.42	2506						
6							50-60'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			94.0	.01		.043				
7							60-70'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			13.72	2507						
8							70-80'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			96.1	.04		.023				
9							80-90'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			13.42	2508						
10							90-100'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			94.0	.03		.001				
11							100-110'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			14.08	2509						
12							110-120'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			98.6	.02		.008				
13							120-130'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			13.58	2510						
14							130-140'	1/2"	Aluminum Silicate Aluminum Aluminum Aluminum			7	10'			95.1	.01		.001				

SECTION 140

ENDAKO MINES

HOLE No. 572
SHEET No. 5 OF 7

ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS						
Qtz	Plag	K-Sp	Mafic	Texture	Hardness		Rock Name / Appearance	4 To Core Axis		Width of Vein	Mineralization / Faulting (Type)	Envelope (Type)	Remarks	Fractures 4 to core	Frequency	Blockside 4 to Core Axis	R.O.D.	Footage Block	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	
																		Core	Sludge	Core	Sludge		
																		%	%	% MoS ₂	% MoS ₂	Combined	
						Andesite Dyke			Andesite									19.08	2511				
						Andesite			Andesite									100	2512		.013		
						Andesite			Andesite									13.12	2513				
						Andesite			Andesite									94.0	2514		.001		
						Andesite			Andesite									10.88	2515				
						Andesite			Andesite									78.0	2516		.002		
						Andesite			Andesite									78.0	2517				
						Andesite			Andesite									55.9	2518		.001		
						Andesite			Andesite									12.50	2519				
						Andesite			Andesite									89.6	2520		.001		
						Andesite			Andesite									13.18	2521				
						Andesite			Andesite									92.3	2522		.019		
						Andesite			Andesite									12.99	2523				
						Andesite			Andesite									90.6	2524		.002		

SECTION 14300

ENDAKO MINES

HOLE No. 3310
SHEET No. 6 OF 7

DIT.	ROCK TYPES		ALTERATION			GRAPHIC LOG Feet Meters	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Flag	Color	Matrix	Texture	Hardness		Rock Name / Appearance	Mineralization / Filling Type	Envelope (Type)	Remarks	Fractures	Slicability 4 To Core Axis	R Q D	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
							4 To Core Axis	Width of Vein	Frequency	Core	Sludge					Estimated Grade	Grade	Core	Sludg	Combined	
						Handwritten notes	chlorite	horiz			1					12.78	2518				
							chlorite	horiz			1					89.5	.01				.001
							chlorite				1					12.59	2519				
							chlorite				1					87.8	.01				.002
							chlorite				1					13.72	2520				
							chlorite				1					96.1	.01				.013
						5' SP shale section	chlorite				1					12.96	2521				
						4' SP shale section	chlorite				1					90.8	.01				.001
							chlorite + calcite				1					13.96	2522				
							chlorite				1					94.3	.01				.003
							chlorite				1					12.68	2523				
							chlorite	horiz			1					95.8					.003
							chlorite				1					11.94	2524				
							chlorite				1					80.1	.02				.004

SECTION 1000

ENDAKO MINES

HOLE No. 226
SHEET No. 7 Of 7

ROCK TYPES						ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY RESULTS		
Qtz.	Plag	K-feld.	Mic.	Texture	Hardness	Rock Name/ Appearance	Rock Type Alteration		Mineralization Parting Type	Envelope (Type)	Remarks	Frequency	Blissable 1/2 To Core Axis	H O D	Footage Block	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂			
								Core	Sludge	Core	Sludge	Core	Sludge	Combined	Core	Sludge	Estimated	Grade	Core	Sludge	Combined	
																						%
				medium		WATERM... cont							B	40		11.70	2585					
				medium								B				81.9	2586	.01			.001	
				medium								B				12.02	2587					
				medium								B				84.2		.02			.001	
				medium								T				11.62	2588					
						E.O.H.										81.4		.01			.002	

SECTION 14050

ENDAKO MINES

HOLE No. 57A
SHEET No. 1 Of 5

LOCATION Endako North East BEARING 0 LATITUDE 30238 CORE SIZE ND LOGGED BY MCS
 DATE COLLARED _____ LENGTH 350 ft DEPARTURE 31280 SCALE OF LOG 1"=10' DATE Nov 16/31
 DATE COMPLETED _____ DIP 30° ELEVATION 3371.8 REMARKS _____

Dip	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS						
	Plus	No-Span	Mafic	Texture	Hardness	Rock Name/ Appearance				4 To Core Axis	Width of Vein	Microfracture/ Footing (Type)	Envelope (Type)	Remarks	Fracture Frequency	Slickenside 2 To Core Axis	R O D	Footing Block	Specific Gravity	Weight in Grams		Sample Number		% W_{60}	
																				Core	Sludge	Estimated	Grade	Core	Sludge
						<u>White clay</u>											5.34	2538							
						<u>White clay</u>											81.8	.01				.074			
																	9.24	2539							
																	29.7	.01				.029			
																	12.06	2530							
																	84.5	.061				.080			
																	13.36	2531							
																	93.6	.041				.036			
																	12.62	2532							
																	88.4	.021				.050			
																	11.82	2533							
																	82.8	.061				.056			



2000 ft
2000 ft

SECTION 14050

ENDAKO MINES

HOLE No. 57A
SHEET No. 2 Of 5

Dfs.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS														
	Pkg.	k-Span.	Mofc.	Texture	Hardness					Rock Name/ Appearance	Alteration	Footage	4 To Core Axis	Width of Vein	Mineralization/ Footing (type)	Envelope (Type)	Remarks	Fractures	Frequency	Bluishness 4 To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% Weig
																								Core	Sludge	Core	Sludge	
																					12.66	2534						
																					88.7	.021		.048				
																					13.39	2535						
																					94.5	.043		.063				
																					11.74	2536						
																					84.2	.041		.086				
																					13.16	2537						
																					92.2	.07		.100				
14	4x4	4x4	60	fine	56																14.04	2538						
																					97.6	.081		.045				
																					13.62	2539						
																					94.7	.061		.059				
																					14.00	2540						
																					97.3	.061		.068				

SECTION 1450

ENDAKO MINES

HOLE No. 278
SHEET No. 3 of 5

ROCK TYPES				ALTERATION		GRAPHIC LOG	MINERALIZATION		STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
Qty.	Fig.	Ac-Spec.	Mafic	Texture	Hardness		Rock Name/Appearance	Mineralization	Width of Vein	Envelope (Type)	Remarks	Fractures	Frequency	Slitability	Moisture	Porosity	Specific Gravity	Weight in Grams	Sample Number	Core	Sludge	% MoS ₂
																	Core	Sludge	Estimated Grade	Core	Sludge	Combined
																	13.72	2541				
																	96.1		-07			.123
																	12.34	2542				
																	93.6		-04			.055
																	13.79	2543				
																	96.2		.04			.033
																	12.59	2544				
																	88.7		.03			.042
																	13.00	2545				
																	92.1		.04			.045
																	10.50	2546				
																	74.4		.03			.051
																	11.18	2547				
																	79.2		.05			.024

GFP Dike

Limbo Scaled Fracture

SECTION 14050

ENDAKO MINES

HOLE No. 579
SHEET No. 4 Of 5

Dfs.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Alteration Footage Structure	MINERALIZATION Width of Vain	STRUCTURES Embosses (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS	
	Flag	h-Span.	Mefc.	Texture	Hardness						Fractures	Frequency	Blissness 4 To Core Ave	R O D	Footage Block	Specific Gravity	Weight in Grams	Core	Sludge	Sample Number	Core
						GFP Dyke contact	230					Subst	uff	20			11.42		2599		
							230					Subst	uff	20			80.9		.02		.030
							230					Subst	uff	20			14.12		2599		
							230					Subst	uff	20			100.0		.02		.027
							230					Subst	uff	20			12.26		2550		
							230					Subst	uff	20			86.8		.02		.035
							230					Subst	uff	20			10.46		2051		
							230					Subst	uff	20			74.1		.02		.045
							230					Subst	uff	20			9.30		2053		
							230					Subst	uff	20			65.9		.01		.034
							230					Subst	uff	20			16.52		2053		
							230					Subst	uff	20			100		.01		.026
							230					Subst	uff	20			10.36		2054		
							230					Subst	uff	20			73.4		.02		.078

SECTION 19050

ENDAKO MINES

HOLE No. 539
SHEET No. 5 Of 5

Dtz.	ROCK TYPES			ALTERATION	Rock Name/ Appearance	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS														
	Flag	K-Spar	Mafic							Texture	Hardness	Fractures	L. To Core Axis	Width of Vein	Mineralization/ Fracturing (Type)	Envelope (Type)	Remarks	L. To Core Axis	Frequency	Slickenside L. To Core Axis	R O D	Porosity Block %	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂
																								Core %	Sledge %	Core Estimated Grade	Sledge Grade	
					MP Dike Silt														19.20	2555								
																			99.2	.02				.049				
																			10.70	2556								
																			77.2	.02				.043				
					3' Andesite Dike														8.92	2557								
																			62.1	.01				.030				
45	Dark grey	pink	br.		Hard MP Qz														9.52	2558								
																			67.7	.02				.032				
																			11.80	2559								
					3' Andesite Dike														84.2	.02				.048				
																			13.42	2560								
																			95.4	.01				.031				
																			13.14	2561								
					EOH 450'														93.4	.05				.023				

SECTION 1300

ENDAKO MINES

HOLE No. 5330
SHEET No. 1 Of 7

LOCATION Endako North East BEARING 0 LATITUDE 30185 CORE SIZE 1/2 LOGGED BY MVS
 DATE COLLARED _____ LENGTH 450' DEPARTURE 31121 SCALE OF LOG 1"=10' DATE Nov 23/51
 DATE COMPLETED _____ DIP -30 ELEVATION 3368.7 REMARKS _____

DIP	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION		STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS								
	Fiss	No-Spar	Matn	Texture	Hardness		Rock Name/ Appearance	4 To Core Ash		Width of Vein	Mineralization / Faulting Type	Envelope (Type)	Remarks	Fractures	Frequency	Slickenside 4 To Core Ash	R Q D	Footage Blows	Specific Gravity	Weight in Grams		Sample Number		% Moisture	
																				Core	Sludge	Estimated	Grade	Core	Sludge
011																		9.22	2746						
																		80.7	2747	.041			.102		
																		9.76	2748						
																		68.3	2748	.051			.184		
																		13.10	2748						
																		91.7	2749	.02			.059		
																		12.70	2749						
																		88.9	2750	.041			.098		
																		12.96	2750						
																		90.8	2751	.031			.059		
																		13.12	2751						
																		91.9	2751	.02			.046		



MVS Date 11/23/51

SECTION 1300

ENDAKO MINES

HOLE No. 5780
SHEET No. 3 OF 7

ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES		ROCK QUALITIES					RECOVERY		ASSAY		RESULTS		
Qty.	Flag	No. Spec.	Met%	Texture	Horizons		Rock Name / Appearance	Mineralization / Faulting (Type)	Structures (Type)	Remarks	Fracture Frequency	Slip-sense & To Core Axis	R.O.D.	Porosity Block	Specific Gravity	Weight in Grams	Sample Number	% MoS ₂	% Wt %	
																Core	Sludge	Core	Sludge	
																%	%	Estimated	Grade	Combined
						White OH cont Porphy texture									7.88	2709				
															54.8	2709	.041		.036	
															12.42	2709				
															86.3	2709	.031		.077	
															13.28	2709				
															92.3	2709	.041		.062	
						White OH cont									13.76	2709				
															96.4	2709	.04		.071	
															13.54	2709				
															94.8	2709	.15		.117	
															13.34	2709				
															93.4	2709	.01		.049	
															12.90	2709				
															90.3	2709	.041		.057	

SECTION 13800

ENDAKO MINES

HOLE No. 380
SHEET No. 4 OF 7

D.T.	ROCK TYPES		ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK		QUALITIES		RECOVERY		ASSAY		RESULTS						
	Flag	In-Spec.					Rock Name / Appearance	Feet	To Core	Width of Vein	Frequency	Blissness	F O D	Footage	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																Core	Mudg	Core	Sledge	Core	Study
			Chalcopyrite in the									13.72		2766							
												96.1		.04			.041				
												13.70		2769							
												95.9		.021			.020				
												13.39		2768							
												93.4		.02			.047				
												14.29		2767							
												99.7		.031			.050				
			Chalcopyrite in the									13.98		2770							
												97.9		.01			.027				
			Chalcopyrite in the									13.92		2771							
												97.5		.01			.110				
												13.78		2772							
												96.5		.031			.058				

SECTION 131m

ENDAKO MINES

HOLE No. 5720
SHEET No. 6 OF 7

Dts.	ROCK TYPES			ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS	
	Flag	Fract.	Matrix	Texture	Remarks				Fractures	Stitchable 4 To Core Axis	R O D	Footage Blot in	Specific Gravity	Weight in Grams	Sample Number	Core	Sludge	Estimated Grade	% MoS ₂
						<u>White siliceous</u>									13.98	2720			
															97.2		.02		.046
															13.50	2721			
															94.5		.05		.056
						<u>Albite + Silica</u>									13.98	2722			
						<u>100% Silica</u>									95.6		.04		.044
						<u>White siliceous</u>									13.54	2723			
					45										96.3		.01		.031
															13.58	2724			
															96.6		.02		.019
															13.88	2725			
															98.7		.01		.010
						<u>White siliceous</u>									12.08	2726			
															95.9		.01		.079

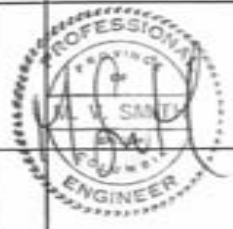
SECTION 14000

ENDAKO MINES

HOLE No. 5701
SHEET No. 1 Of 3

LOCATION Endako, North East BEARING 0 LATITUDE 30253 CORE SIZE no LOGGED BY NIS
DATE COLLARED _____ LENGTH 500 ft DEPARTURE 31242 SCALE OF LOG 1"=10' DATE 10/24/51
DATE COMPLETED _____ DIP -90° ELEVATION 3405.8 REMARKS _____

DIT.	ROCK TYPES & ALTERATION					GRAPHIC LOG	MINERALIZATION & STRUCTURES			ROCK QUALITIES					RECOVERY		ASSAY RESULTS							
	Flag	H-Spec.	Metn.	Texture	Hardness		Rock Name/ Appearance	Alteration Footage	Width of Vein	Mineralization/ Footing/Type	Envelope (type)	Remarks	Fractures 4. To Core		Slickenside 4. To Core	P.O.D.	Porosity BLOCK	Specific Gravity	Weight in Grams		Sample Number		% Cu & S ₂	
													Frequency	4. To Core					Core	Sludge	Estimated Grade	Core	Sludge	Core
45	45	5	2-5	fs	White & light grey			no alteration etc		no band				30				10.75	2497					
										Linear Stained Fracture Surfaces									75.5	.01			.054	
																			12.13	2498				
																			85.3	.01			.037	
																			12.42	2499				
																			87.0	.04			.239	
																			13.18	2700				
																			92.3	.041			.047	
																			13.32	2701				
																			93.3	.041			.048	
																			13.30	2702				
																			93.1	.01			.079	



SECTION 1400

ENDAKO MINES

HOLE No. 5331
SHEET No. 2 Of 8

Dfs.	ROCK TYPES			ALTERATION		GRAPHIC LOG Feet Structures	MINERALIZATION Width of Vein Mineralization / Feeding Type	STRUCTURES Envelope (Type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS					
	Flag	Ac-Spar	Mafic	Texture	Hardness					Rock Name / Appearance	Fractures	Frequency	Bluish-Grey Δ To Core Axis	R O D	Fatigue Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																	Core	Sludge	Core	Sludge	Core	Sludg
						100	100							13.36		2703						
						90	90							93.6		2703				.096		
						80	80							12.96		2704						
						70	70							90.8		2704				.069		
						60	60							13.02		2705						
						50	50							93.3		2705				.03A		
						40	40							12.76		2706						
						30	30							89.4		2706				.018		
						20	20							12.39		2707						
						10	10							86.9		2707				.042		
						0	0							2.86		2708						
						100	100							62.8		2708				.065		
						90	90							12.12		2709						
						80	80							85.0		2709				.036		

SECTION 1400

ENDAKO MINES

HOLE No. 322
SHEET No. 3 Of 8

ROCK TYPES		ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS												
Qtz.	Plag	Al-Silic	Mafic				Texture	Hardness	Rock Name/Appearance	Porosity	Secularity	Δ To Core Axis	Width of Vein	Mineralization/Footing (Type)	Envelope (Type)	Remarks	Frequency	Stickable Δ To Core Axis	R.O.D.	Footage Block	Specific Gravity	Weight in Grams	Sample Number	Core	Sludge	% MoS ₂	% MoS ₂	Core
																				13.92	2710							
									150											94.0	2711	.03						.03A
									150											12.62	2711							
									150											88.4	2712	-.051						.121
									170											12.74	2712							
									170											89.2	2713	-.02						.050
									170											15.34	2713							
									170											93.4	2714	-.01						.038
									170											13.34	2714							
									170											93.4	2715	-.061						.080
									200											13.16	2715							
									200											92.2	2716	-.024						.026
									200											13.22	2716							
									200											93.3	2716	-.041						.050

QEP style

200'

SECTION 4000

ENDAKO MINES

HOLE No. 5321
SHEET No. 4 OF 8

Dtz.	ROCK TYPES					ALTERATION		GRAPHIC LOG Alteration Percentage STRUCTURE	MINERALIZATION				STRUCTURES		ROCK QUALITIES						RECOVERY		ASSAY		RESULTS	
	Plug	S-Spec.	Moist.	Texture	Hardness	Rock Name/ Appearance	L To Core Axis		Width of Vein	Mineralization/ Fluorite (Type)	Envelope (Type)	Remarks	Fractures		R Q D	Porosity Blocks	Specific Gravity	Weight in Grams		Sample Number		% Wet				
													Frequency	Thickness 4 To Core Axis				Core	Sludge	Core	Sludge	Core	Sludge			
						OPP Style outst	28	no	no								18.52		2717							
							29	no	no			subst	ruff	25			74.5		.036			.024				
							30	no	chalcocite					20			12.18		2718							
							31	no	pyrite		dark blue	subst	ruff	55			86.3		.047			.048				
							32	no	pyrite					25			9.58		2719							
							33	no	no		faceted calcite	subst	ruff	25			67.9		.04			.078				
							34	no	pyrite								13.36		2720							
							35	no	pyrite				ruff	4			94.6		.051			.059				
							36	no	pyrite								12.90		2721							
							37	no	pyrite				ruff	10			91.4		.04			.032				
							38	no	no			subst	ruff	30			12.58		2722							
							39	no	pyrite								89.1		.01			.020				
							40	no	pyrite			subst	ruff	35			13.42		2723							
							41	no	pyrite								95.1		.01			.041				

SECTION Area

ENDAKO MINES

HOLE No. 272
SHEET No. 5 OF 8

Dtz.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Mineral Footage Structure	MINERALIZATION Width of Vein	MINERALIZATION/ Footing (type)	STRUCTURES Envelope (type)	REMARKS	ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Flag	Gr-Spat.	Matrix	Texture	Hardness							Fractures Frequency	Siliceous 4 To Core Ass	R.O.D.	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% Moisture	
																	Core	Sludge	Core	Sludge	Estimated	Grade
						RFP Dye cut									13.92		2724					
															95.1		.01		.012			
															12.06		2725					
															85.9		.02		.030			
															11.10		2726					
															78.6		.041		.048			
															11.80		2727					
															83.6		.033		.024			
															6.44		2728					
															45.6		.01		.040			
															11.30		2729					
															80.0		.01		.032			
															12.20		2730					
															86.4		.021		.076			

SECTION 1400

ENDAKO MINES

HOLE No. 5721
SHEET No. 6 of 8

Qtz	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS							
	Frag	S-Spec	Mafic	Texture	Hardness						Rock Name/Appearance	4 To Core Axis	Width of Vein	Mineralization/Footing (Type)	Embrittles (Type)	Remarks	Weight in Grams		Sample Number		% W_{60}	
																	Core	Mudge	Core	Sledge	Core	Sludge
						<u>1052 Dyke solid</u>																
												13.54	2731									
												95.9	.01			.026						
												12.56	2732									
												89.0	.01			.013						
												19.14	2733									
												100	.01			.033						
												12.30	2734									
						<u>1056</u>						87.3	.01			.016						
												11.82	2735									
												89.1	.03			.072						
												13.54	2736									
						<u>1057 Dyke 7" x 4"</u>						96.2	.041			.051						
												12.74	2737									
												90.6	.041			.046						

SECTION V1000

ENDAKO MINES

HOLE No. SP21
SHEET No. 7 OF 8

Gtz.	ROCK TYPES					ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS														
	Flag	In-Spec.	Mafic.	Texture	Hardness						Rock Name / Appearance	Faultage	SlUGES	Δ To Core Axis	Width of Vein	Mineralization / Faulting (Type)	Envelope (Type)	Remarks	Frequency	Slickenside Δ To Core Axis	R O O	Footage Blocks	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
																								Core	Sludge	Core	Sludge	Estimated	Grade
						Mod Altered material Zoned Dike Co. SP21 Dike section	100-110	100-110												19.00	2756								
							110-120	110-120												99.8	.01				.038				
							120-130	120-130												13.96	2759								
							130-140	130-140												99.4	.04				.020				
						SP21 Dike section	140-150	140-150												19.10	2740								
							150-160	150-160												100	.02				.006				
							160-170	160-170												19.04	2741								
							170-180	170-180												99.8	.02				.016				
							180-190	180-190												13.80	2742								
							190-200	190-200												98.1	.01				.057				
							200-210	200-210												12.52	2743								
							210-220	210-220												89.0	.01				.007				
							220-230	220-230												13.60	2744								
							230-240	230-240												96.7	.01				.006				

possible high
molybdenite

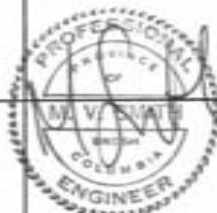
SECTION 14150

ENDAKO MINES

HOLE No. S722
SHEET No. 1 of 7

LOCATION Endako North East BEARING 0 LATITUDE 30415 CORE SIZE 20 LOGGED BY MVS
 DATE COLLARED _____ LENGTH 450' DEPARTURE 31407 SCALE OF LOG 1"=10' DATE 20020501
 DATE COMPLETED _____ DIP -90 ELEVATION 3405.0 REMARKS _____

D.L.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION & STRUCTURES				ROCK QUALITIES					RECOVERY		ASSAY		RESULTS			
	Figs	No. Spec.	Meth.	Texture	Hardness	Rock Name/ Appearance		Alteration Footage	4 To Core Axis	Width of Vein	Mineralization/ Footing Types	Envelope (Type)	Remarks	Fractures Frequency	Slickenside 4 To Core Axis	R O D	Porosity Blocks	Specific Gravity	Weight in Brnne		Sample Number		% Cu & S ₂	
																			Core	Sludge	Estimated	Grade	Core	Sludge
1	U 1/2	U 1/2	U 1/2	U 1	U 1	U 1/2	0	0	U 1/2		20' casing							7.58	2629					
						8'	0	0	U 1/2		porosity with bit			10				31.8	.01			.001		
						4'	0	0	U 1/2		limb slicked surface surfaces			25				11.52	2630					
						4'	0	0	U 1/2					25				80.1	.01			.015		
						4'	0	0	U 1/2					25				10.66	2631					
						6'	0	0	U 1/2					25				74.1	.031			.093		
						4'	0	0	U 1/2					25				11.72	2632					
						4'	0	0	U 1/2					25				81.5	.031			.046		
						4'	0	0	U 1/2					25				13.32	2633					
						4'	0	0	U 1/2		U 1/2			25				92.6	.063			.050		
						4'	0	0	U 1/2					25				13.60	2634					
						4'	0	0	U 1/2					25				74.5	.051			.022		



2073450

SECTION 14150

ENDAKO MINES

HOLE No. 320
SHEET No. 2 Of 7

Dts.	ROCK TYPES					ALTERATION		GRAPHIC LOG Footage Structures	MINERALIZATION Width of Vein	STRUCTURES Envelope (Type)	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS							
	Plug	K-Spar.	Mafic.	Texture	Hardness	Rock Name/ Appearance	Δ To Core Axis					Frequency	Stickable Δ To Core Axis	R O D	Footage Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	% CuS ₂	Combined
																	Core	Sludge	Core	Sludge			
							1-10	10-15					13.09	2625									
							10-15	15-20					90.6	2631					.037				
							15-20	20-25					13.12	2636									
							20-25	25-30					91.2	2637					.024				
							25-30	30-35					13.60	2637									
							30-35	35-40					94.5	2638					.028				
							35-40	40-45					13.66	2638									
							40-45	45-50					94.9	2639					.020				
							45-50	50-55					14.02	2639									
							50-55	55-60					97.4	2639					.048				
							55-60	60-65					13.12	2640									
							60-65	65-70					91.2	2640					.066				
							65-70	70-75					14.02	2641									
							70-75	75-80					97.4	2641					.031				

SECTION 14150

ENDAKO MINES

HOLE No. SP50
SHEET No. 3 Of 7

ROCK TYPES						ALTERATION		GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY		RESULTS							
Qty.	Mag.	W-Spar.	Mafic.	Texture	Hardness	Rock Name/Appearance	Alteration				Fracture	4 To Core Axis	Width of Vein	Mineralization/Faulting (Type)	Emulsion (Type)	Remarks	Fractures to core	Frequency	Blissness 4 To Core Axis	R O D	Fracture Block	Specific Gravity	Weight in Grams	Sample Number	Core	Sludge	Core
														%	%	%	%	% MoS ₂	% MoS ₂	Combined							
					4.5	SP50															12.10	2642					
						SP50															89.4	.02					.017
						SP50															8.89	2643					
						SP50															61.9	.01					.018
						SP50															13.38	2644					
						SP50															95.9	.036					.04
						SP50															13.28	2645					
						SP50															93.1	.01					.009
						SP50															13.30	2646					
						SP50															93.8	.01					.002
						SP50															13.50	2647					
						SP50															95.6	.01					.050
						SP50															13.10	2648					
						SP50															92.8	.01					.033

SECTION 14152

ENDAKO MINES

HOLE No. 522
SHEET No. 2 OF 7

D.T.	ROCK TYPES & ALTERATION						GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES	RECOVERY		ASSAY		RESULTS											
	Plug	In-Spec.	Matrix	Texture	Hardness	Rock Name/ Appearance					4 To Core Axis	Width of Vein	Mineralization/ Faulting (Type)	Envelope (Type)	Remarks	Frequency	Slickenside 4 To Core Axis	R O D	Footage Blasts	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	Combined
																					Core	Sledge	Core	Sledge		
						OF Dyke out											13.20	2677								
																	93.5	.01				.029				
																	11.82	2650								
																	83.7	.01				.039				
																	10.44	2676								
																	74.0	.01				.029				
																	14.06	2677								
																	99.6	.01				.030				
																	12.10	2676								
																	85.7	.01				.037				
																	12.22	2679								
																	86.6	.01				.036				
																	13.46	2650								
																	95.3	.02				.032				

SECTION 1450

ENDAKO MINES

HOLE No. 5222
SHEET No. 5 OF 7

Dtz.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Feet Structure	MINERALIZATION Width of Vein	STRUCTURES Envelope (Type)	ROCK QUALITIES Fractures Frequency	RECOVERY			ASSAY RESULTS	
	Flag	No-Spec.	Metc.	Texture	Hardness						Weight in Grams	Sample Number	% MnS ₂	% CuS ₂	
										Core	Sludge	Core	Sludge	Combined	
						off top cut	320	glaucous					12.56	26.21	
							320	no					39.0	.01	.028
							310	glaucous					12.48	26.02	
							310	no					39.4	.01	.024
							300		* mismatch both ore good	subst good	uff	d	1.52	26.23	
							300						10.8	.01	.034
							300	glaucous		subst	uff	d	8.58	26.04	
							300	no					60.9	.01	.055
							300	no		subst	uff	20	10.64	26.00	
							300	no					75.4	.02	.085
							300		* mismatch both ore good	subst good	uff	d	1.14	26.06	
							300						8.1	.01	.018
							300		* soft ore lost				6.04	26.07	
45	45	45	45	45	45	white hard silty GM	300	fault of horizon the horizon		uff	30		42.5	.01	.021

SECTION 1450

ENDAKO MINES

HOLE No. 3003
SHEET No. 6 of 7

GR. No.	ROCK TYPES		ALTERATION	GRAPHIC LOG	MINERALIZATION	STRUCTURES	ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Plug	Core					Fractures Frequency	Silicification % To Core	R O D	Porosity Block	Specific Gravity	Weight in Grams		Sample Number		% MoS ₂	
	Moist	Moist										Core	Mudge	Estimated	Grade	Core	Sludge
			Wk. Dye test		Chalcopyrite							13.90	2188				
					Chalcopyrite							97.6	.021				.051
					Chalcopyrite							13.40	.021				
					Chalcopyrite							93.8	.021				.047
					Chalcopyrite							13.49	.021				
					Chalcopyrite							94.1	.021				.030
			COPPER		Chalcopyrite							13.28	.021				
					Chalcopyrite							93.1	.01				.002
21	order	and	bin	45	Wk. Dye test							13.30	.021				
					Chalcopyrite							94.6	.01				.002
					Chalcopyrite							13.24	.021				
					Chalcopyrite							94.1					.005
					Chalcopyrite							13.64	.021				
					Chalcopyrite							97.0	.01				.002

SECTION 1415

ENDAKO MINES

HOLE No. 5702
SHEET No. 7 OF 7

QTY.	ROCK TYPES					ALTERATION Rock Name/ Appearance	GRAPHIC LOG Alteration Fracture Structure	4. To Core Axis	Width of Vein	MINERALIZATION Mineralization/ Footing (type)	STRUCTURES Envelope (type)	Remarks	ROCK QUALITIES					RECOVERY		ASSAY RESULTS			
	Fracture Frequency	Slickenside 4. To Core Axis	R O D	Fracture Blocks	Specific Gravity								Weight in Grams		Sample Number		% We %g						
													Core %	Sludge %	Core	Sludge	Core	Sludge					
						Hand Altered zone			decoloration									295					
						Hand Altered zone			decoloration									13.70					
						Hand Altered zone			decoloration									97.6				-0.15	
						Hand Altered zone			decoloration									19.00				28%	
						Hand Altered zone E.O.H.			decoloration									100				-0.17	

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APPENDIX IV
ANALYTICAL PROCEDURES, TECHNIQUES,
ACCURACY, AND PRECISION AT
ENDAKO MINES ASSAY LABORATORY

ENDAKO MINES ASSAY LABORATORY

DIAMOND DRILL CORE SAMPLE PREPARATION AND ANALYSIS.

Sample Preparation:

Entire 10' sections of drill core are brought to the lab in plastic bags. Samples are identified by numbered tags included in the bags. Following is the procedure for sample preparation and analysis. Ensure that the identification tag accompanies the right sample through each stage of the sample preparation.

Crush all the core in the bag using the low grade jaw crusher.

Using the 3/4" Jones riffle, split out about 1500 grams of the jaw crushed sample.

Crush this 1500 gm. portion further with a pass through the cone crusher.

Split out a 100 gm. portion of the cone crushed sample using the 3/8" riffle.

Pulverize the 100 gm portion in the ring mill pulverizer for a minimum of 2 minutes and place the entire pulverized portion in a bag numbered according to the sample tag.

Sample Analysis:

Samples are analyzed using the X-Met x-ray fluorescence spectrophotometer set to the Mine MoS₂ model. (Model 2) Set the measurement time to 60 seconds. The procedure is as follows.

Place the instrument probe 2 in the front position and allow at least 10 minutes for instrument stabilization and self calibration.

Transfer bagged sample to mylar bottomed analysis cups in lots of 10. Cups should be about 3/4 full.

Run the std. on the x-met to ensure proper calibration. The .180 %MoS₂ std. should read between .172 and .188. If not, recalibrate the x-met.

Run the 10 sample lot on the x-met and again allow the instrument to stabilize for ten minutes. During this time discard the measured samples and clean out cups with the squeeze bulb blower. Prepare the next ten sample lot.

Repeat stabilization, std check and measurement as above.

ENDAKO MINES ASSAY LABORATORY

X-MET MoS₂ ANALYSIS PRECISION AND ACCURACY.

Precision:

For MoS₂ range .020 - .350%, relative std deviation is 4.5%.

Accuracy: (Compared to Atomic Absorption analysis)

For MoS ₂ range	<.060%	relative std deviation is	12.2%.
"	.060 - .110%	"	7.5%.
"	.110 - .160%	"	5.4%
"	.160 - .210%	"	5.2%
"	>.210%	"	4.9%