

81-#1727
-9444

DRILLING REPORT ON THE
GAZA 1 AND JERICHO 1 AND 2 MINERAL CLAIMS
(RECORD NUMBERS 159, 492 AND 161)
HIGHLAND VALLEY, KAMLOOPS MINING DIVISION,
LATITUDE 50° 26' N; LONGITUDE 120° 55' W; NTS 92-I/7W

OWNED BY

GAZA MINES LTD, NEW JERICHO DEVELOPMENT

AND TECK CORPORATION

WORK PAID FOR BY

HIGHMONT OPERATING CORPORATION

L.H.C. TSANG

AUGUST 14, 1981

GAZA

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Figure 1: Rotary drill holes on Gaza 1 and Jericho 1 & 2 mineral claims.	 In Pocket

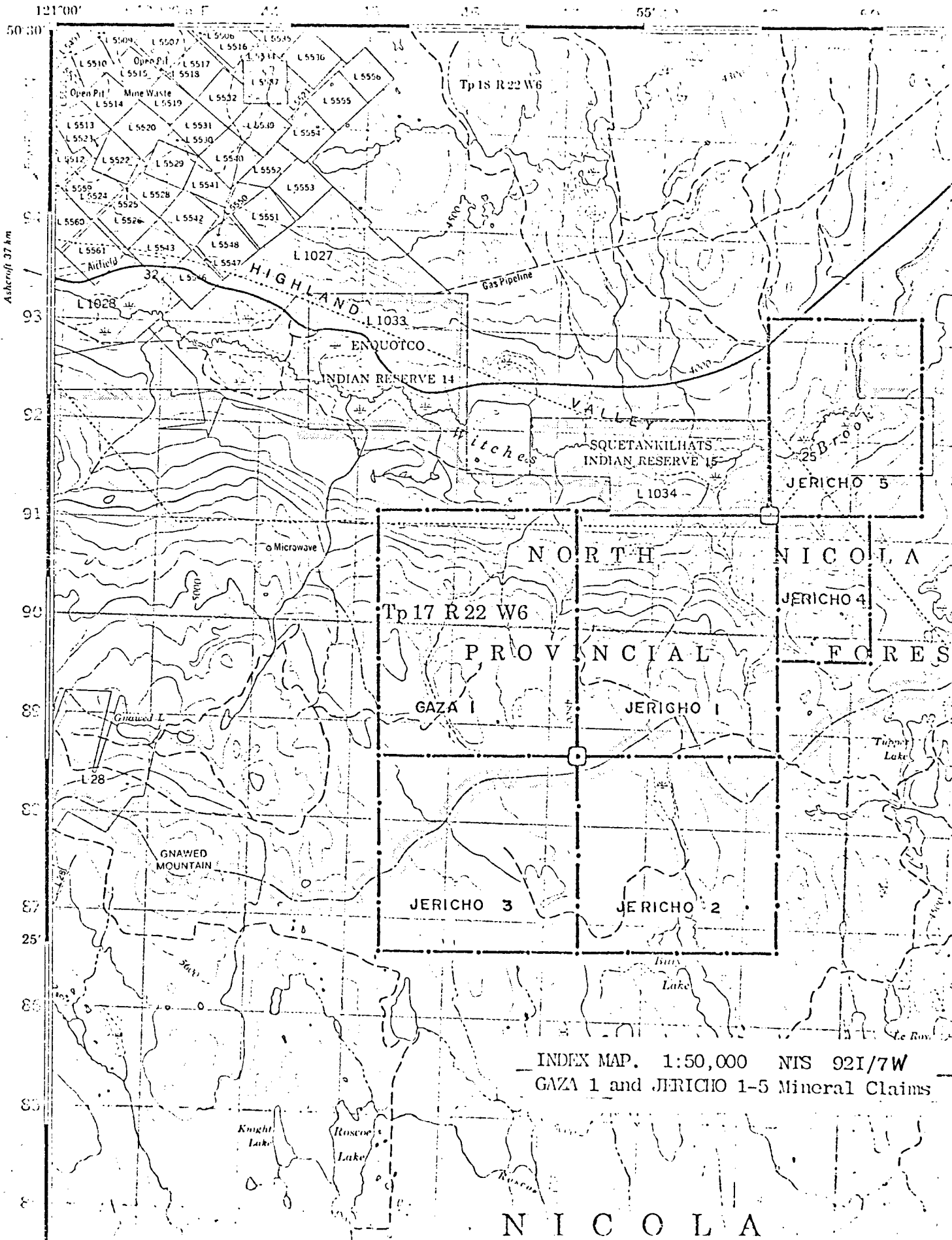
INTRODUCTION

The Gaza and Jericho mineral claims are located in the south eastern part of the Highland Valley at elevations from 1150 to 1585 metres above sea level. Access to the claim is by the Logan Lake to Ashcroft paved highway which crosses the northwest corner of the Jericho 5 mineral claim approximately 7 km west of Logan Lake (see index map). The Gaza 1 mineral claim was located by A.J. Reed, agent for Gaza Mines Ltd. on December 12th, 1975. The Jericho 1 mineral claim was located by A.J. Reed, agent for New Jericho Development Corporation on September 8th, 1976. The Jericho 2 mineral claim was located by A.J. Reed, agent for New Jericho Development Corporation on December 12th, 1975. A small bornite-chalcopyrite orebody on the Jericho 1 mineral claim has been explored by percussion drilling, diamond drilling and by two adits indicating reserves of approximately 75,000 tonnes at an average grade of 1.17% copper.

During the period July 16th, 1981 to July 23rd, 1981, Highmont paid for the following exploration and development to be done.

- 1.) Two 6" vertical rotary drill holes of a total length of 25.9 metres on GAZA #1 M.C.
- 2.) Seven 6" vertical rotary drill holes of a total length of 45.4 metres on Jericho #1 M.C.
- 3.) Two 6" vertical rotary drill holes of a total length of 16.5 metres on Jericho #~~3~~ M.C.

2



INDEX MAP. 1:50,000 NIS 92I/7W
 GAZA 1 and JERICHO 1-5 Mineral Claims

N I C O L A

ROTARY DRILLINGI. PURPOSE

Eleven 6" diameter vertical holes of a total length 87.8 metres were drilled on GAZA #1, JERICHO #1 and #2 mineral claims. Purposes of the drilling are of two folds:

- a.) To seek any glacial trains of mineralization which may occur in the surficial deposits covering these mineral claims.
- b.) To install piezometers and/or settlement gauges in those drill holes for monitoring the dam construction.

II. RESULTS

All drilling was under contract to A & H Construction Limited, using a truck-mounted drill rig and dual-wall pipe for drilling. Samples were taken at 5 foot (1.5 metre) intervals. The cuttings were collected from the overhead inner tube of the dual-wall pipe. Each sample was then assayed for copper and molybdenum at Highmont's Assay Lab, using standard Atomic Absorption techniques. Assay results are shown in Appendix II.

A small portion of the drill cuttings was washed and then examined, using a binocular microscope. The logging results are attached as Appendix I, and contain a self-explanatory legend.

Summaries of cuttings logs for drill holes were prepared as Appendix III.

III. INTERPRETATIONa.) From drilling on Gaza #1 M.C.

Neither holes drilled on the claim showed any significant mineralization.

b.) From drilling on Jericho #1 M.C.

SG-81-6, P1-81-4 and SG-81-7 (see their locations in figure 1 and their cuttings logs in Appendix III) showed a glacial train of copper mineralization with an average copper grade close to 500 ppm. This soil anomaly occurs within the top 10 feet of surficial glacial deposit. It is interpreted that the soil anomaly is derived from the nearby Jericho copper deposit which is situated 500 feet north-east of these drill holes. In December 1979, 335.3 metres of diamond drilling were done in this general area; a total of three holes were drilled at the north of the present North Dam (see figure 1 enclosed in pocket). No significant mineralization of commercial value was encountered by these drill holes.

c.) From drilling on Jericho #2

The summary of P4-81-4 cuttings log (in Appendix III) showed an increase of copper value (from 160 ppm to 440 ppm) in till to hole depth of 7.6 metres. In December 1979, a diamond drill hole, J-79-13, of a length 46 metres was placed adjacent to P4-81-4. No significant mineralization was encountered by this hole. Due to limited available exploration information at the south of the area, no interpretation is presented at this stage.

IV. CONCLUSION

To continue sampling glacial till through future drillings on these mineral claims will assist exploration of the property.

ITEMIZED COST STATEMENT

1. <u>WAGES FOR HIGHMONT EMPLOYEES</u>		
a.)	TSANG, Louis, H.C. Chief Geologist August 7 - 12, 1 day @ \$120/day TOTAL WAGES	\$120.00
b.)	TOMPKINS, Jim, R. Tailings Engineer July 16 - 23, 2½ days @ \$110/day TOTAL WAGES	\$275.00
	TOTAL	<u>\$395.00</u>
2. <u>TRANSPORTATION</u>		
a.)	Tailings Engineer's vehicle July 16 - 23, 3 days @ \$35/day TOTAL COST	\$105.00
b.)	Surveyor's vehicle July 13, ½ day @ \$35/day TOTAL COST	\$ 17.50
	TOTAL	<u>\$122.50</u>
3. <u>SURVEYING COST FOR LOCATING DRILL HOLES</u>		
	Highmont two-men surveying crew July 13, ¼ day @ \$176/day TOTAL COST	\$ 44.00
4. <u>ANALYSIS COST</u>		
	Highmont Laboratory 35 samples assaying for copper and molybdenum @ costs \$5.5/Cu assay x \$8.5/Mo assay TOTAL COST FOR COPPER ASSAYS	\$192.50
	TOTAL COST FOR MOLY ASSAYS	297.50
	TOTAL COST FOR ASSAYING	<u>\$490.00</u>

5. AIR ROTARY DRILLING CONTRACT COSTS

A & H Drillers Ltd.
1681 Salton Road
P.O. Box 38
Abbotsford, B.C.

\$9,376.00

6. PREPARATION OF REPORT & LOGGING SAMPLE CUTTING

TSANG, Louis H.C.
Chief Geologist
August 12 - 14, 2½ days @ \$120/day
TOTAL WAGES

\$ 300.00

\$10,727.50

ROTARY DRILLING DIRECT COST

Mobilized & demobilized	} Included in Item 5	\$ 800.00
Drive shoe		108.00
Casing wore out		156.00
Highmont employees on the project	Item 1	395.00
Transportation	Item 2	122.50
Surveying	Item 3	44.00
SUB TOTAL		<u>\$1,625.50</u>

APPORTIONMENT OF COST1. TO GAZA 1

a.) 25.9 m of rotary drilling (item 5)	\$ 2,180.00
b.) 25.9/87.8 of rotary drilling direct cost (item 1 - 3 & 5)	480.00
c.) 9 assays for copper & molybdenum (item 4) @ \$14/assay	126.00
d.) 1/3 cost of report preparation (item 6)	100.00
TOTAL	<u>\$ 2,886.00</u>

2. TO JERICHO 1

a.) 45.4 m of rotary drilling (item 5)	\$ 4,416.00
b.) 45.4/87.8 of rotary drilling direct cost (items 1 - 3 & 5)	841.00
c.) 18 assays for copper & molybdenum (item 4) @ \$14/assay	252.00
d.) 1/3 cost of report preparation (item 6)	100.00
TOTAL	<u>\$ 5,609.00</u>

3. TO JERICHO 2

a.) 16.5 m of rotary drilling (item 5)	\$ 1,716.00
b.) 16.5/87.8 of rotary drilling direct cost (items 1 - 3 & 5)	305.00
c.) 8 assays for copper & molybdenum (item 4) @ \$14/assay	112.00
d.) 1/3 cost of report preparation (item 6)	100.00
TOTAL	<u>\$ 2,233.00</u>

Author's Certificate

I, Louis Tsang, of Logan Lake, British Columbia, do hereby certify that:

1. I am a member of the Geological Association of Canada.
2. I am a graduate of the University of British Columbia with a B. Sc. degree (1972) in geology and geophysics.
3. I have practiced my profession since 1972 while employed by Bacon & Crowhurst Consulting Engineering Ltd., (one summer season), and by Zapata-Granby Corporation, Granisle Division (seven years).
4. Present, I am employed by Highmont Operating Corporation Ltd., Post Office Box 3000, Logan Lake, B.C.
5. I have examined and logged all the cuttings from rotary drill holes at the Highmont mine site.



Louis H.C. Tsang
Chief Geologist
Highmont Operating Corporation

APPENDIX I: ROTARY DRILL HOLE LOGS

LEGEND & CODING USED FOR LOGGING CUTTINGS

Legend

S= <5% ✓ mineral present L lightly altered
 A= 5-10% * mineral significant M medium alteration
 H= >10% ** mineral very significant I intensely altered

CODING

ROCKS:

Plutonic: mafic ind.-G, H-1; H/b-2; H-3; B/h-4; H-5; gabbro-1; diorite-2; gabbro-3; granodiorite-4; gabbro-5; granite-6; syenite-7; syenodiorite-8.

Other:

argillite-AG	Conol. plut-CP	phyllite-PH	tuff-TU
arkose-AK	dacite-DA	pillow lava-PL	uncl. ammatite-UN
alaskite-AL	Granulite-GA	quartzite-QU	uncl. gneiss-UG
amphibolite-AM	granatone-GA	rhyolite-PH	uncl. m. rock-UM
andesite-AN	grewacke-GW	sandstone-SS	uncl. plut rock-UP
aplite-AP	hornfels-HF	Schist-SC	uncl. sediment-US
basalt-BA	limestone-LS	shale-SH	uncl. ultrabas-UU
chert-CH	marble-MA	skarn-SK	uncl. volcanic-UV
conglomerate-CO	pegmatite-PG	slate-SL	uncl. migmatite-UK
			volc. breccia-VB

Minerals:

actinolite-AC	chromite-CH	leucite-LU	rutile-RU
andalusite-AN	chrysolite-CR	limonite-LI	sandstone-SA
apatite-AP	cordierite-CO	magnetite-MA	scheelite-SC
arsenopyrite-AS	diopside-DI	malachite-ML	serpentine-SR
augite-AU	epidote-EP	muscovite-MU	sillimanite-SI
azurite-AZ	galena-GL	mica(MU&BI)-MI	shalerite-SL
barite-BA	garnet-GA	molybdenite-MO	sphene-SP
beryl-BE	glass (vol)-GS	olivine-OL	staurolite-ST
biotite-BI	glaucofan-GC	opal-OP	stibnite-SB
bornite-BO	graphite-GR	orthoclase-OF	taic-TA
calcite-CA	hematite-HE	plagioclase-PC	tourmaline-TO
chalcedony-CD	hornblende-HO	pyrite-PY	tremolite-TR
chalcocite-CC	hyperthene-HY	pyroxene-PX	zeolite-ZE
Chalcopyrite-CP	ilmenite-IL	pyrrhotite-PR	zircon-ZI
chlorite-CL	kyanite-KY	quartz-QU	zoisite-ZO

Migmatites:

stockwork-ST
 banded aneiss-BA
 irreg. b. aneiss-IG
 veined gneiss-VG
 angular ammatite-AA
 rounded ammatite-RA
 elongate ammatite-EA
 Schlieren aneiss-SG
 nebulite-NE

Dykes:

(rock code above +)
 synplutonic-SP
 feldspar porph-FP
 Qtz-feld -OF
 lamprophyre-LA
 swarm, basalt-SB
 swarm, andesite-SA
 swarm, rhyolite-SR
 swarm, synpluton-SS

Folds:

gentle (180°-120°)-G
 open (120-70) -O
 close (70-30) -C
 tight (30-25) -T
 isoclinal (5-0) -I
 drag (limbs uncurv) -D
 chevron (" equal) -V
 zig-zag (" uncurv) -Z
 box fold -B
 'M' fold -M
 flowage (irregul) -F

Glaciation, joints:

glac. feat. uncl-C
 joints, prominent-J
 drumlin-D
 erratic-E
 esker -K
 lake deposit-L
 moraine-M
 nunatak-N
 outwash channel-C
 rock glacier-R
 striae-S
 till-T

Grain size:

Granitoid:
 fine -F
 medium -M
 coarse -C
 permatitic-P
 Other:
 ap-anitic -A
 very fine -V
 fine -F
 medium -M
 coarse -C
 very coarse-P

Foliation:

massive -O
 faint -F
 moderate -M
 good -G
 excellent-E
 shearing -S
 unclassic -N

Heterogen

homogen -H
 cl. hot -S
 mod hot -M
 vety -V

Veins:

marz-C
 pegmatite-P
 silita-A
 epidote-E
 calcite-C
 Qtz stringers-X
 unclass vein-U

Inclusions:

shape:
 mainly angular-A
 mainly rounded-R
 mainly elongate-E

type:
 bedded-B
 foliated-F
 nebulous-N
 porphyroblastic-P

Abundances:

<1%-0; >1 <5-1; >5 <10-2; >10 <20-3;
 >20-30-4; >30-50-5

DRILLING RECORD

<u>HOLE NO.</u>	<u>SAMPLE NO.</u>	<u>*HOLE DEPTH</u>	<u>*COLLAR ELEVATION</u>	<u>*REMARKS</u>
SG-81-3	1	4.27- 5.79	1465.97	0-4.27 dam rock fill
	2	5.79- 7.32		
	3	7.32- 8.84		
	4	8.84-10.36		
	5	10.36-11.28		
	6	11.28-12.80		
P3-81-4	1	9.14-10.67	1466.0	0-7.62 dam rock fill
	2	10.67-11.58		
	3	11.58-13.11		
SG-81-5	1	1.83- 3.35	1464.08	0-1.83 dam rock fill
	2	3.35- 4.88		
	3	4.88- 6.40		
	4	6.40- 7.01		
SG-81-6	1	0- 1.52	1448.99	
	2	1.52- 3.05		
	3	3.05- 3.35		
	4	3.35- 4.88		
P1-81-4	1	0- 1.52	1450.21	
	2	1.52- 3.05		
	3	3.05- 4.57		
	4	4.57- 5.49		
	5	5.49- 7.01		
P1-81-2	1	10.67-12.19	1456.49	
P2-81-2	1	6.40- 7.93	1452.83	
P2-81-4	1	0- 2.13	1451.52	
SG-81-7	1	1.83- 2.74	1451.31	
	2	2.74- 4.27		
SG-81-8	0	---	1460.75	No sample
P4-81-4	1	0- 1.52	1459.75	
	2	1.52- 3.05		
	3	3.05- 4.57		
	4	4.57- 6.10		
	5	6.10- 7.62		
	6	7.62- 9.14		
	7	9.14-10.67		
	8	10.67-12.19		

* All units are
expressed in metres.

BOREHOLE CUTTINGS LOG

Hole No	Essential Minerals			Secondary minerals									Intensity of A	Rock Type	Mineralization								Assay		Remarks/Date
	Feldspar KF PC	QU	Mafic BI HO	QU	KF	BI	MU	PY	CY	CL	EP	CB			CP	MO	BN	CC	PY	HE	MA	ML	Mo	Cu	
SG-81-3	GREY	✓	★	✓		✓				✓	✓		L							✓			Footage lightly oxidized		
✓	YELLOW	✓	★	✓		✓				★	★		L/M							★			37'-42' oxidized with foreign material		
✓	ORANGE	✓	✓	★		✓	✓			★	★	✓	L/M							★			29-34' oxidized		
✓	ORANGE	✓	✓	★						★	✓	✓	L										24'-29'		
✓	ORANGE	✓	✓	★						★	★	✓	L/M										19'-24'		
✓	ORANGE	✓	★			✓				★	★	✓	L/M										14'-19' oxidized		
P3-81-4	ORANGE	✓	★	★			✓			★	★		L/M										35'-38'		
✓	ORANGE	✓	★	★						★	★	✓	L/M										30'-35'		
✓	ORANGE	✓	✓	✓						★	★		M										38'-43'		
P1-81-4	WHITE	✓	✓	✓						★	★	✓	L/M										15'-16'		
✓	WHITE	✓	✓	✓						★	★	✓	M										18'-23'		
SG-81-6	WHITE	✓	★							★	✓		L										10'-11'		
✓	GREEN	✓	✓			✓																	0'-5' MATERIAL SANDY & FINE		
SG-81-6	GREEN	✓	✓			✓				★	★		M										0'-5'		
P1-81-4	WHITE	✓	✓	✓						★	★		L/M										10'-15'		
SG-81-5	YELLOW	✓				✓	✓			★	★		M										16'-21'		
SG-81-5	YELLOW	✓	★			✓				★	★		L/M							★			21'-23'		
P1-81-4	YELLOW	✓	✓			✓				✓	✓		?									✓	5'-10' oxidized		
SG-81-5	YELLOW	✓	★			✓				★	✓	✓	L/M										6'-11' oxidized		
SG-81-6	WHITE	★	★							✓	✓		L										11'-16'		
SG-81-5																							11'-16' oxidized MATERIAL		
SG-81-6	YELLOW	✓	✓	★		✓				★	✓		L												
P1-81-2	WHITE	✓	★			★				★	✓		L										35'-40'		
P2-81-4	YELLOW	✓	✓	✓						★	★	✓	M										0'-7'		
SG-81-7	YELLOW	✓	★			✓				★	★		L/M										9'-14'		
SG-81-7	YELLOW	✓	✓	✓		★				★	★	✓	M	✓									6'-9'		
✓	YELLOW	✓	✓	★						★	★		L/M										21'-26'		
P4-81-4																							0'-5' OXIDIZED MATERIAL		
✓																							5'-10' OXIDIZED MATERIAL		
✓	YELLOW	✓	✓	✓		✓				★	★	✓	M										10'-15'		

John Tsang

BOREHOLE CUTTING LOG

Hole No	Essential Minerals			Secondary minerals									Intensity of A	Rock Type	Mineralization							Assay		Remarks/Date
	Feldspar		QU	QU	KF	BI	MU	PY	CY	CL	EP	CB			CP	MO	BN	CC	PY	HE	Mo	Cu		
	KF	PC	BI	HO																				
P4-81-4																					15'-20' SANDY & FINE			
✓																					20'-25' OXIDIZED			
✓																					25'-30' OXIDIZED			
✓	WHITE	✓	* ✓			✓			✓	*											30'-35'			
✓	WHITE	✓	* ✓						✓	*											35'-40'			

Louis Bang

APPENDIX II: ROTARY DRILL HOLE ASSAYS

HIGHMONT OPERATING CORPORATION
P.O. Box 3000
LOGAN LAKE, B.C.
VOK 1W0
Tel: (604) 575-2471
Telex: 048-774

TO:
Louis Tsang

CERTIFICATE OF ANALYSIS

DATE: August 12, 1981

NO: 005

MARK:	Footage	%Mo	%Cu		
P1-81-2	35'-40'	.002	.003		
P1-81-4	0'- 5'	.001	.056		
	5'-10'	.002	.056		
	10'-15'	.002	.019		
	15'-18'	.001	.019		
	18'23'	.002	.015		
P2-81-2	21'-26'	.001	.020		
P2-81-4	0'- 7'	.001	.008		
P3-81-4	30'-35'	<.001	.014		
	35'-38'	<.001	.016		
	38'-43'	.001	.036		
P4-81-4	0'- 5'	.001	.016		
	5'-10'	.001	.019		
	10'-15'	.001	.021		
	15'-20'	.001	.033		
	20'-25'	<.001	.044		
	25'-30'	.001	.023		
	30'-35'	.001	.031		
	35'-40'	<.001	.019		

Kevan Alexander
SENIOR ASSAYER

HIGIMONT OPERATING CORPORATION
P.O. Box 3000
LOGAN LAKE, B.C.
VOK 1W0
Tel: (604) 575-2471
Telex: 048-774

TO:
Louis Tsang

CERTIFICATE OF ANALYSIS

DATE: August 12, 1981

NO: 005

MARK:		%Mo	%Cu
SG-81-3	14-19	.001	.017
	19-24	.001	.014
	24-29	.001	.021
	29-34	.001	.016
	34-37	.001	.015
	37-42	.001	.010
SG-81-5	6-11	.001	.014
	11-16	.001	.012
	16-21	.002	.012
	21-23	.002	.012
SG-81-6	0- 5	.001	.028
	5-10	.001	.015
	10-11	.001	.033
	11-16	.001	.004
SG-81-7	6- 9	.003	.070
	9-14	< .001	.013

Kevin Alexander
SENIOR ASSAYER

APPENDIX III: SUMMARIES OF CUTTINGS LOG FOR DRILL HOLES

CUTTINGS LOG OF ROTARY DRILL

HOLE NO <u>SG - 81 - 3</u>	DATE HOLE STARTED <u>JULY 16/81</u>
LOCATION <u>N 733885</u>	DATE HOLE FINISHED <u>JULY 17/81</u>
<u>S 126600</u>	THICKNESS OF DAM ROCK FILL <u>14 ft.</u>
DIP <u>VERTICAL</u>	
ELEV. GROUND <u>4809.6 ft.</u>	DEPTH INTO ROCK _____
TOTAL DEPTH OF HOLE <u>42 ft.</u>	DRILLING ON <u>GAZA #1 M.C.</u>
	LOGGED BY <u>L. TSANG</u>

DEPTH (ft)	SYMBOL	DESCRIPTION	% Cu				% Mo				
			.02	.04	.06	.08	.001	.002	.003	.004	
0		<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> DAM FILL MATERIAL </div>									
14			<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> SAND & GRAVEL </div>	.017				.001			
25				<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> CLAY & SAND </div>	.014						
32			<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> SAND </div>		.021						
42		.016									
		.015									
			.010								

CUTTINGS LOG OF ROTARY DRILL

HOLE NO <u>P3 - 81 - 4</u>	DATE HOLE STARTED <u>JULY 17/81</u>
LOCATION <u>N 73950</u>	DATE HOLE FINISHED <u>JULY 20/81</u>
<u>E 126560</u>	THICKNESS OF DAM ROCK FILL <u>25 ft.</u>
DIP <u>VERTICAL</u>	
ELEV. GROUND <u>4809.7</u>	DEPTH INTO ROCK <u>5 ft.</u>
TOTAL DEPTH OF HOLE <u>43 ft.</u>	DRILLING ON <u>GAZA #1 M.C.</u>
	LOGGED BY <u>L. TSANG</u>

DEPTH (ft)	SYMBOL	DESCRIPTION	% Cu				% Mo			
			.02	.04	.06	.08	.001	.002	.003	.004
0		} DAM FILL								
25			} SAND & GRAVEL							
38		} BEDROCK - GRANODIORITE (?) MEDIUM ALTERED; MAINLY CHLORITIZATION.		.014				<.001		
43			.016	.036			<.001	.001		

CUTTINGS LOG OF ROTARY DRILL

HOLE NO <u>SG - 81 - 5</u>	DATE HOLE STARTED <u>JULY 20/81</u>
LOCATION <u>N 79605</u>	DATE HOLE FINISHED <u>JULY 20/81</u>
<u>S 128155</u>	THICKNESS OF DAM ROCK FILL <u>6 ft</u>
DIP <u>VERTICAL</u>	
ELEV. GROUND <u>4803.4</u>	DEPTH INTO ROCK <u>5 ft</u>
TOTAL DEPTH OF HOLE <u>23 ft.</u>	DRILLING ON <u>JERICHO #1 M.C</u>
	LOGGED BY <u>L. TSANG</u>

DEPTH (ft)	SYMBOL	DESCRIPTION	% Cu				% Mo			
			.02	.04	.06	.08	.001	.002	.003	.004
0		DAM FILL TILL SAND BEDROCK - GRANODIORITE (?) WITH BIOTITE AS MAFIC. MINOR CHLORITIZATION.								
6										
12										
18										
23										

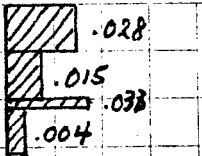
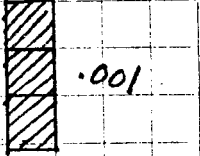
CUTTINGS LOG OF ROTARY DRILL

HOLE NO <u>P1-81-2</u>	DATE HOLE STARTED <u>JULY 21/81</u>
LOCATION <u>N 79 290</u>	DATE HOLE FINISHED <u>JULY 21/81</u>
<u>E 129 300</u>	THICKNESS OF DAM ROCK FILL <u>10 ft</u>
DIP <u>VERTICAL</u>	
ELEV. GROUND <u>4778.5</u>	DEPTH INTO ROCK <u>5 ft.</u>
TOTAL DEPTH OF HOLE <u>40 ft.</u>	DRILLING ON <u>JERICO #1 M.C.</u>
	LOGGED BY <u>L. TSANG</u>

DEPTH (ft)	SYMBOL	DESCRIPTION	% Cu				% Mo			
			.02	.04	.06	.08	.01	.02	.03	.04
0		} SANDY DAM FILL								
10			} TILL FILL							
29		} SANDY DAM FILL								
35			} BEDROCK lightly altered granodiorite(?) with hornblende as major mineral. Alteration products consist of bright green secondary biotite.	█ .003				█ .002		
40										

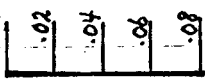
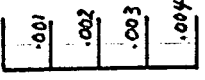
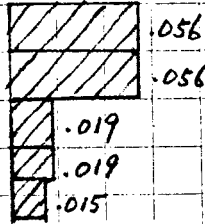
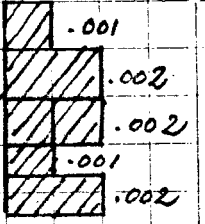
CUTTINGS LOG OF ROTARY DRILL

HOLE NO <u>SG-81-6</u>	DATE HOLE STARTED <u>JULY 21/81</u>
LOCATION <u>N 79385</u>	DATE HOLE FINISHED <u>JULY 21/81</u>
<u>E 129325</u>	THICKNESS OF DAM ROCK FILL <u>0 ft.</u>
DIP <u>VERTICAL</u>	
ELEV. GROUND <u>4753.9</u>	DEPTH INTO ROCK <u>5 ft.</u>
TOTAL DEPTH OF HOLE <u>16 ft.</u>	DRILLING ON <u>JERICO #1 M.C.</u>
	LOGGED BY <u>L. TSANG.</u>

DEPTH (ft)	SYMBOL	DESCRIPTION	% Cu				% Mo			
			.02	.04	.06	.08	.001	.002	.003	.004
0		} TILL } BEDROCK - lightly altered quartz diorite(?) with hornblende as mafic								
11										
16										

CUTTINGS LOG OF ROTARY DRILL

HOLE NO <u>PI-81-4</u>	DATE HOLE STARTED <u>JULY 21/81</u>
LOCATION <u>N 79465</u>	DATE HOLE FINISHED <u>JULY 21/81</u>
<u>E 129345</u>	THICKNESS OF DAM ROCK FILL <u>0 ft</u>
DIP <u>VERTICAL</u>	
ELEV. GROUND <u>4757.9</u>	DEPTH INTO ROCK <u>5 ft.</u>
TOTAL DEPTH OF HOLE <u>23 ft.</u>	DRILLING ON <u>JERICO #1 M.C.</u>
	LOGGED BY <u>L. TSANG</u>

DEPTH (ft)	SYMBOL	DESCRIPTION	% Cu				% Mo			
			.02	.04	.06	.08	.001	.002	.003	.004
0		} Till } BEDROCK - GRANODIORITE (?) with medium alteration, mainly chloritization.								
18 23										

CUTTINGS LOG OF ROTARY DRILL

HOLE NO <u>P2-81-21</u>	DATE HOLE STARTED <u>JULY 22/81</u>
LOCATION <u>N 79230</u>	DATE HOLE FINISHED <u>JULY 22/81</u>
<u>E 129480</u>	THICKNESS OF DAM ROCK FILL <u>21 ft.</u>
DIP <u>VERTICAL</u>	
ELEV. GROUND <u>4766.5</u>	DEPTH INTO ROCK <u>5 ft.</u>
TOTAL DEPTH OF HOLE <u>26 ft.</u>	DRILLING ON <u>JERICHO #1 M.C.</u>
	LOGGED BY <u>L. TSANG</u>

DEPTH (ft)	SYMBOL	DESCRIPTION	% Cu				% Mo			
			.02	.04	.06	.08	.001	.002	.003	.004
0		} sand fill								
7			} clay fill							
15		} sand fill								
21			} BEDROCK - Medium to lightly altered granodiorite, mainly chloritization.	▨	.020			▨	.001	
26										

CUTTINGS LOG OF ROTARY DRILL

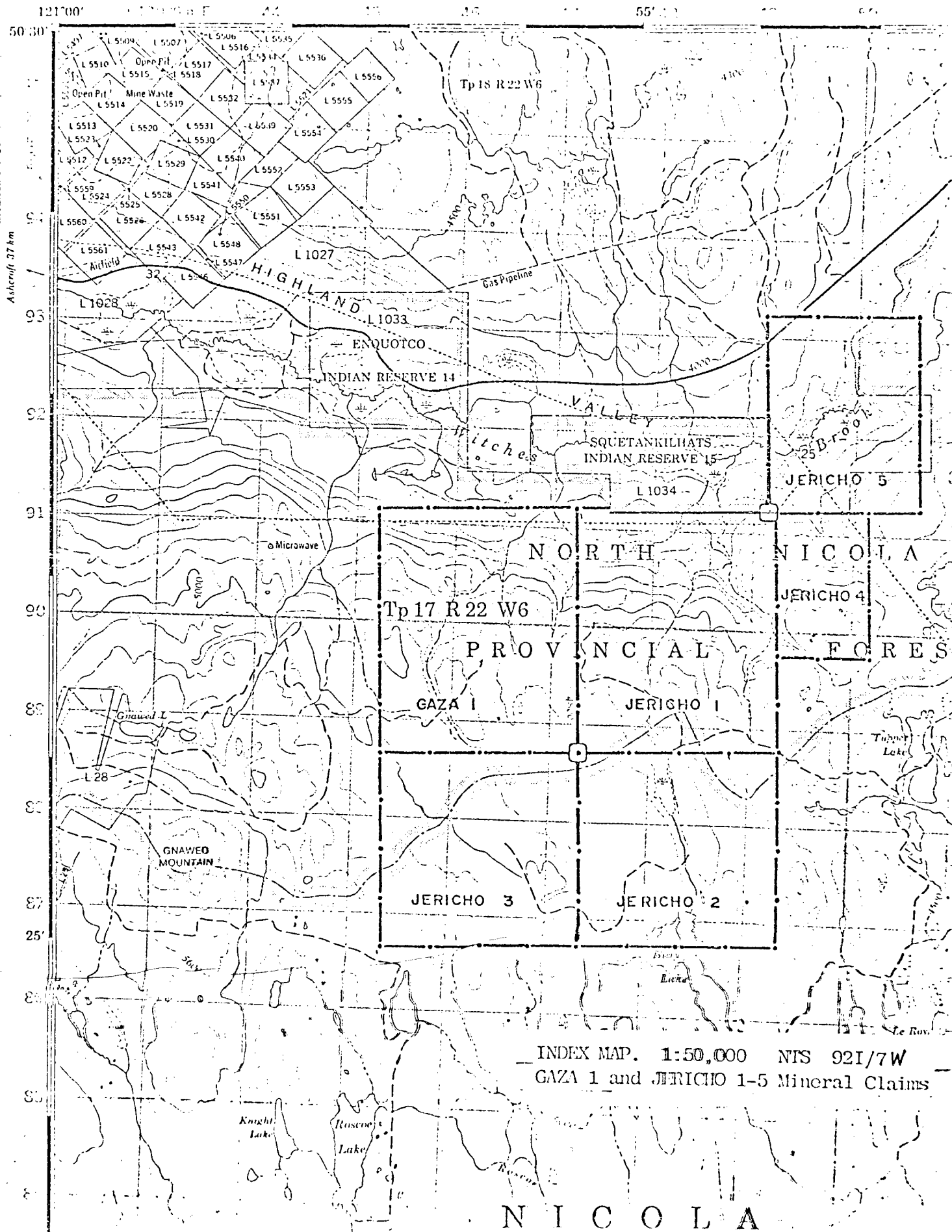
HOLE NO <u>SG-81-7</u>	DATE HOLE STARTED <u>JULY 22/81</u>
LOCATION <u>N 79335</u>	DATE HOLE FINISHED <u>JULY 22/81</u>
<u>E 12951D</u>	THICKNESS OF DAM ROCK FILL <u>6 ft.</u>
DIP <u>VERTICAL</u>	DEPTH INTO ROCK <u>5 ft.</u>
ELEV. GROUND <u>4761.5</u>	DRILLING ON <u>JERICHO #1 M.C.</u>
TOTAL DEPTH OF HOLE <u>14 ft.</u>	LOGGED BY <u>L. TSANG</u>

DEPTH (ft)	SYMBOL	DESCRIPTION	% Cu				% Mo			
			20	10	5	2	100	20	5	1
0		} DAM FILL								
6		} TILL - WITH FEW CHALCOPYRITE GRAINS								
9		} BEDROCK - LIGHTLY TO MEDIUM ALTERED								
14		} GRANODIORITE(?) ALTERATION PRODUCTS CONSIST OF SECONDARY BIOTITE (BRIGHT GREEN) & CHLORITE.	.013		.070		<.001		.003	

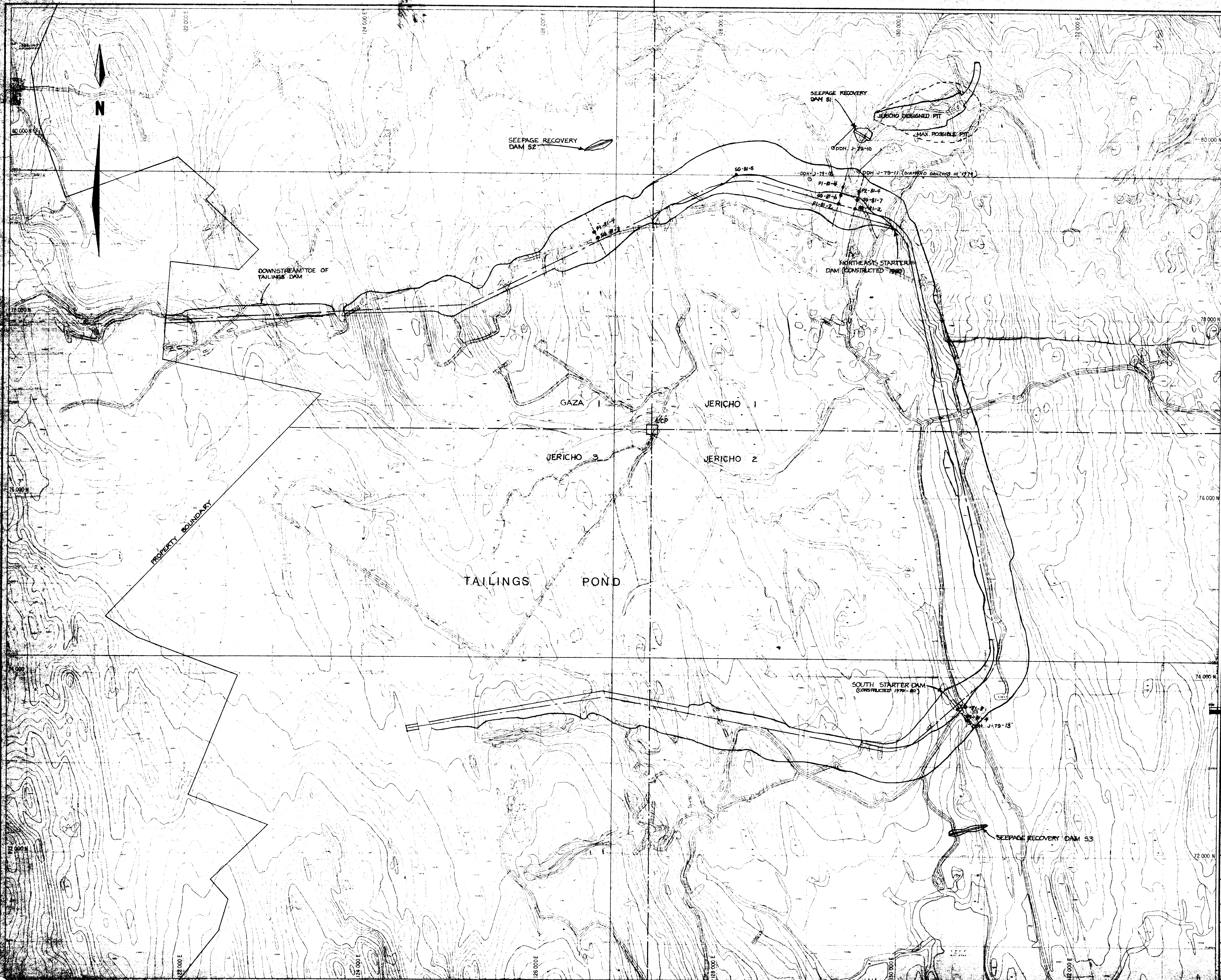
CUTTINGS LOG OF ROTARY DRILL

HOLE NO <u>P4-81-4</u>	DATE HOLE STARTED <u>JULY 23/81</u>
LOCATION <u>N 73520</u>	DATE HOLE FINISHED <u>JULY 23/81</u>
<u>E 130785</u>	THICKNESS OF DAM ROCK FILL <u>4 ft</u>
DIP <u>VERTICAL</u>	
ELEV. GROUND <u>4789.2</u>	DEPTH INTO ROCK <u>5 ft</u>
TOTAL DEPTH OF HOLE <u>40 ft.</u>	DRILLING ON <u>JERICO #2, M.C.</u>
	LOGGED BY <u>L. TSANG</u>

DEPTH (ft)	SYMBOL	DESCRIPTION	% Cu				% Mo																											
			.20	.40	.60	.80	.100	.200	.300	.400																								
0		} DAM FILL																																
4																																		
6		} DEPT MOSS																																
35		} BEDROCK - lightly altered granodiorite(?) with biotite [±] dominant mafic. some degree of chloritization on mafic.																																
40																																		



INDEX MAP. 1:50,000 NTS 921/7W
 GAZA 1 and JERICO 1-5 Mineral Claims



PURCHASE ORDER	
NO.	DESCRIPTION
ASSOCIATED DRAWINGS	

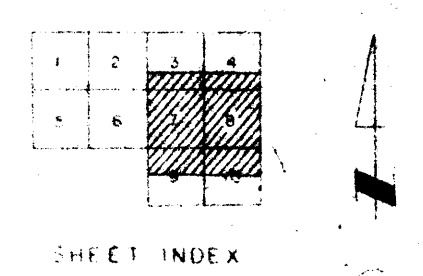
MCELHANNY SURVEYING & ENGINEERING LTD.
 2500 JETER, O.C.

Scale Bar: 0 200 400 feet
 Scale 1 inch to 400 feet
 Contour interval 10 feet

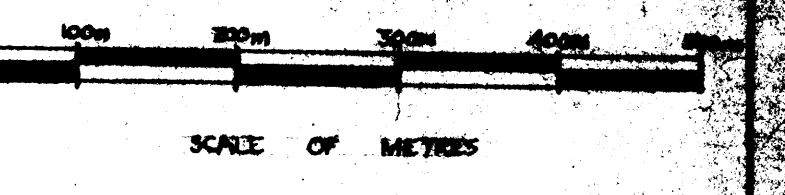
COMPILATION NOTE
 Topographic Mapping compiled from aerial photography flown on August 27, 1971 at the approximate scale of 1:12000

CONTROL NOTE
 Coordinate origin based on M.S.E.L. station Mc 140 as 100,000N 100,000E
 Bearings are astronomic from stellar observations referred to the meridian through Mc 140
 Lat 50° 30' 00" Long 120° 03' 00"
 Elevations are in geodetic datum See M.S.E.L. Drawing No. 08250-D Rev.1

LEGEND	
Horizontal control	Contour
Photo centre	Spot elev.
Secondary road	Tree line
Tributary	Pile
Building	Cut line
Shoreline	Trench
Creek	Swamp



KEY	
● PI-81-2	ROTARY PERCUSSION DRILL HOLE
○ J-79-12	DIAMOND DRILL HOLE, DIP -90°
○ J-79-10	DIAMOND DRILL HOLE, DIP -40°



9444

FORM NO.	DATE	ISSUE	REV.
CERTIFIED FOR CONSTRUCTION			
TECK CORPORATION HIGHMOUNT PROJECT			
FIGURE 1: TO ACCOMPANY ASSESSMENT REPORT BY L. TSANGS 14, AUGUST 1981			
AREA GAZA 1, JERICO 1, 2, M.C.'s			
SUBJECT 1981 DRILL PROGRAM			
SCALE 1" = 400'			
TECK DRAWING NO. 519-0000-91			