Sam Goosley Drilling Report on the

T-93, T-102, SG-17 & SG-35 Mineral Claims

$54^{\circ}11'$ N., $126^{\circ}15'$ E.

N.T.S. 93-L-1

Omineca Mining Division

Owned by:

Equity Mining Corporation

Operated by:

Placer Development Limited

By: E.S. Holt, P. Eng. (B.C.) November 1978

TABLE OF CONTENTS

Bound in Report

Drill Hole Geological Logs for DDH-209;213;221 & 222.

Drill Hole Assay Sheets for DDH-209;213;221 & 222.

In Pocket

General Operating Plan (scale 1"= 400') showing the drill hole locations (colored red) in relationship to the claim boundaries.

INTRODUCTION

The Sam Goosly property is located within the Omineca Mining Division in the central interior of British Columbia, approximately 20 miles southeast of the town of Houston. The geodetic coordinates are 54° 11'N, 126° 15'E.

The property is accessible from Houston via a 34 mile logging road which follows the Buck Creek valley south from Houston. A shorter 23 mile access road is currently under construction via the Dungate Creek valley.

To date two significant concentrations of silver-copper-gold-antimony mineralization have been located on the property. The principal minerals of economic importance are tetrahedrite and chalcopyrite. The Main Zone deposit was discovered in 1968 by Kennco Explorations, (Western) Limited. They carried out a substantial exploration program including approximately 30,000 feet of diamond drilling in 62 holes. With other priorities, Kennco terminated most of their activity at Sam Goosly in 1971 and in late 1972 optioned the property to the partnership of Equity Mining Capital Limited of Vancouver and Congdon and Carey of Denver, Colorado. The partnership's interest was subsequently reorganized into a new company, Equity Mining Corporation.

The new operators pursued a vigorous development program including 60,000 feet of definition drilling, underground bulk sampling, metallurgical research and pilot plant milling operations, together with the related engineering and environmental work necessary to complete a feasibility study.

During 1978, Placer Development Limited entered an agreement with the owners for onward development of the project. The drilling described in this report is part of their program to prepare the property for production.

DRILLING REPORT

During the period September 25 to October 25, 1978, an 18-hole diamond drilling program was completed on the Sam Goosly property. Four of these holes, 209, 213, 221 and 222 are located outside of Mining Lease number 1 and are being submitted for assessment credit. The drill collar survey data is as follows:

Hole	Northing	Easting	Elev.	Dip	Bearing	Length
209	8,503.3	11,740.3	4,186.5	-45°	090°	535 ft.
213	10,420.5	11,068.4	4,143.8	-45°	090°	501 ft.
221	16,827.3	11,596.4	4,144.6	-45°	090°	875 ft.
222	16,818.8	13,046.3	4,128.6	-45°	090°	795 ft.

Dip tests were not taken. It has been our experience that the drill holes have run very true in the massive rocks at Sam Goosly. This is enhanced by the large diameter NQ size equipment used.

The purpose and general results of the holes are described as follows:

Hole 209

This hole was drilled to intersect the host horizon below the presently planned Southern Tail pit. Its purpose was to provide additional information in an area of erratic mineralization in order to guide long term pit planning.

The hole intersected the host horizon between 390 and 510 feet and assayed .47% Cu, 25 grams Ag per metric ton and .072 grams of Au per metric ton over that 120 foot interval. As will be noted in the drill hole assay logs, the better grade silver was concentrated near the hanging wall while the bulk of the copper values were concentrated in the last three 10 foot intervals.

The mineralization and host rocks were typical of the Southern Tail deposit; coarse erratic blebs and patches of chalcopyrite and tetrahedrite in a massive, fine dust tuff. Pyrite content generally ranges between 3 and 8% and is concentrated primarily in stringers. Its abundance picks up slightly within the host horizon and drops off noticeably in the more chloritic footwall rocks.

With the exception of a few narrow intersections of andesite and feldspar porphyry dyke, the entire hole was within the massive buff to grey dust tuff division of the pyroclastic unit. This unit forms part of the Early to Middle Mesozoic rocks which are exposed in a window, surrounded by Tertiary volcanic rocks and intruded by two stocks as shown on the accompanying plan.

/...2

DRILLING REPORT (Cont'd)

The andesite and feldspar porphyry dykes are post mineral and are similar to those found throughout the pyroclastic unit.

The dust tuff encountered in hole 109 is very similar to most of the rock encountered in the drilling to the south on the Gaul claims as well as to the north-northeast where it interfingers with coarser pyroclastics.

Hole 213

This hole was drilled to confirm that the planned waste dump area did not overlay rocks with open pit potential. Rock outcrops were scarce in this general area and the location of the contact between the quartz monzonite stock and the pyroclastics was in question.

The hole confirmed that area was underlain by fine pyroclastics which proved to be typically barren of economic sulphides in this hanging wall portion of the unit. The hole was stopped well short of the host horizon. Like hole 209, it encountered a number of narrow post mineral dykes and contained 3 to 5% coarse pyrite over most of its length.

One isolated ten foot interval assayed .47% Cu, 15 grams per metric ton Ag and 0.58 grams per ton Au from 410 to 420 feet. All other assays were essentially trace amounts of Cu, Ag and Au.

This hole, together with hole 214A and the earlier holes defining the north end of the Southern Tail deposit essentially provide an additional E-W section through the hanging wall pyroclastics.

Hole 221

Drill hole 221 was drilled as part of a program planned to ensure that the tailing impoundment area at Sam Goosly does not overlay an area of economic potential. This hole together with hole 222 and hole 54 drilled previously by Kennco Explorations (Western) Ltd. were designed primarily to test a broad I.P. anomaly which extended into the tailing impoundment basin.

The hole encountered wide intervals of dacite flow rocks, with minor interbedded dust tuff and a number of younger dyke rocks. The dacite flows appear to correlate in age with the broad pyroclastic unit to the south, which hosts the known Ag-Cu deposits.

/...3

DRILLING REPORT (Cont'd)

The interfingering of dust tuff, the lack of any unconformities, the presence of the same common dyke rocks and the local concentrations of pyrite and tourmaline which are common in the pyroclastics but lacking in the younger rocks all support this concept.

Pyrite was common as stringers and patches and constituted more than 10% of the rock mass over several significant intervals. Local sections carried abundant tourmaline while economic sulphides were limited to narrow stringers of what appeared to be late Pb-Zn mineralization. As detailed in the "Drill Hole Assay Logs" no intersections of economic significance were encountered.

Hole 222

As mentioned above, hole 222 formed part of a program testing the proposed tailing impoundment area at Sam Goosly. It encountered rocks similar to hole 221 above, with a greater proportion of mixed pyroclastics and consequently a closer correlation with Early Cretaceous (?) rocks to the south.

Pyrite and tourmaline alteration were common, particularly in the upper portion of the hole. In this hole the only visual economic sulphide noted was chalcopyrite which occurred as stringers with pyrite from 299 to 303 feet and at 752 feet. Minor amounts were also noted as disseminations in the Rhyolite flow from 774 to 795 ft.

A seventeen foot interval between 298 and 315 feet assayed .40% Cu and 7 grams per metric ton Ag while a 10 foot section between 755 and 765 feet assayed .01% Cu and 110 grams per metric ton Ag. All other assay results were essentially trace.

Detail rock descriptions for each hole are provided in the appended "Drill Hole Geologic Log", while assay results for the intervals assayed are shown in the "Drill Hole Assay Log". Hole 209 contained the only intersections of economic significance.

The core is in storage at the camp site on the property.

Respectfully submitted,

E. S. Holt, P.Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. S. HOLT

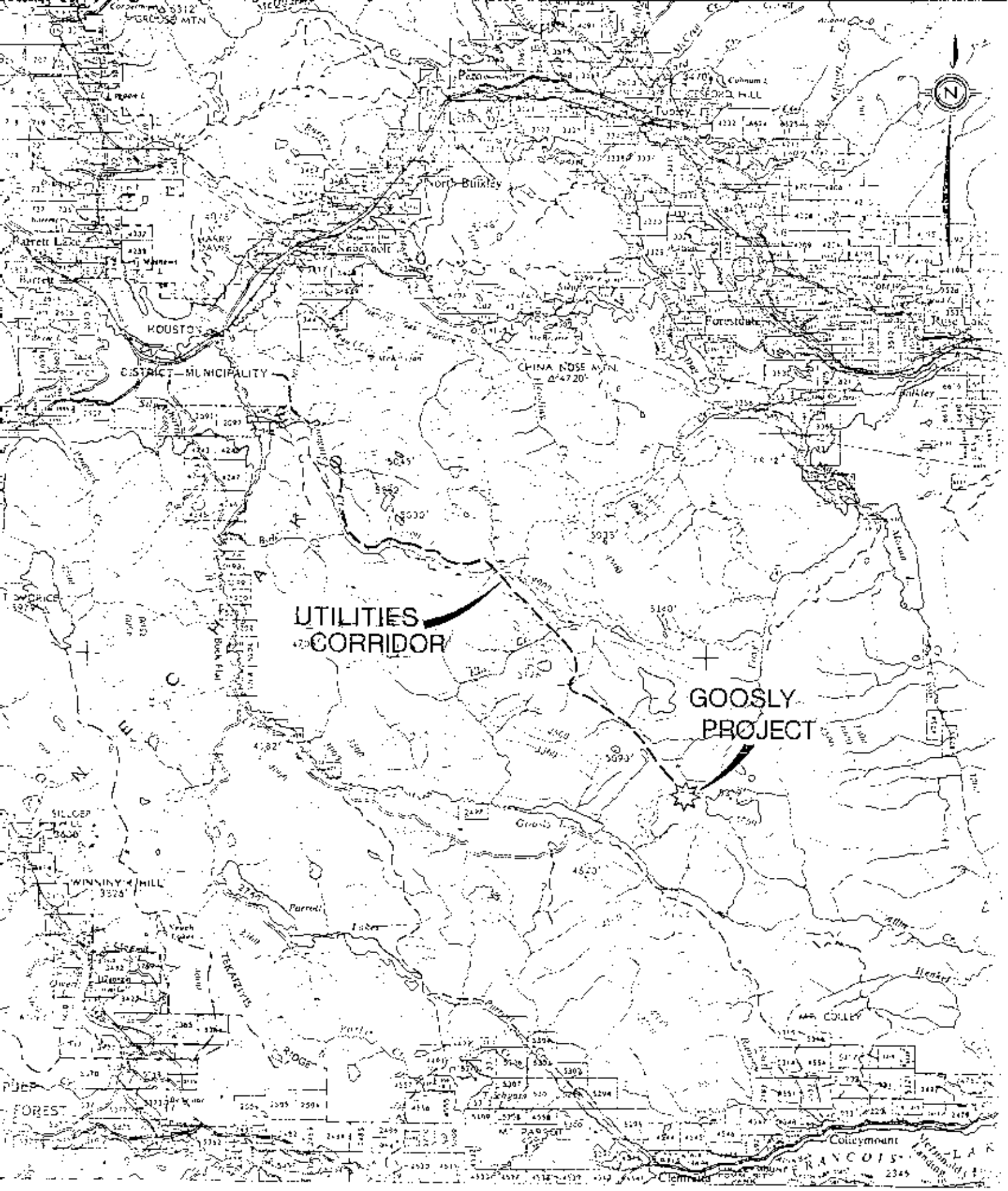
ESH/kb

November 24, 1978

LOCATION OF SAM GOOSLY DEPOSIT

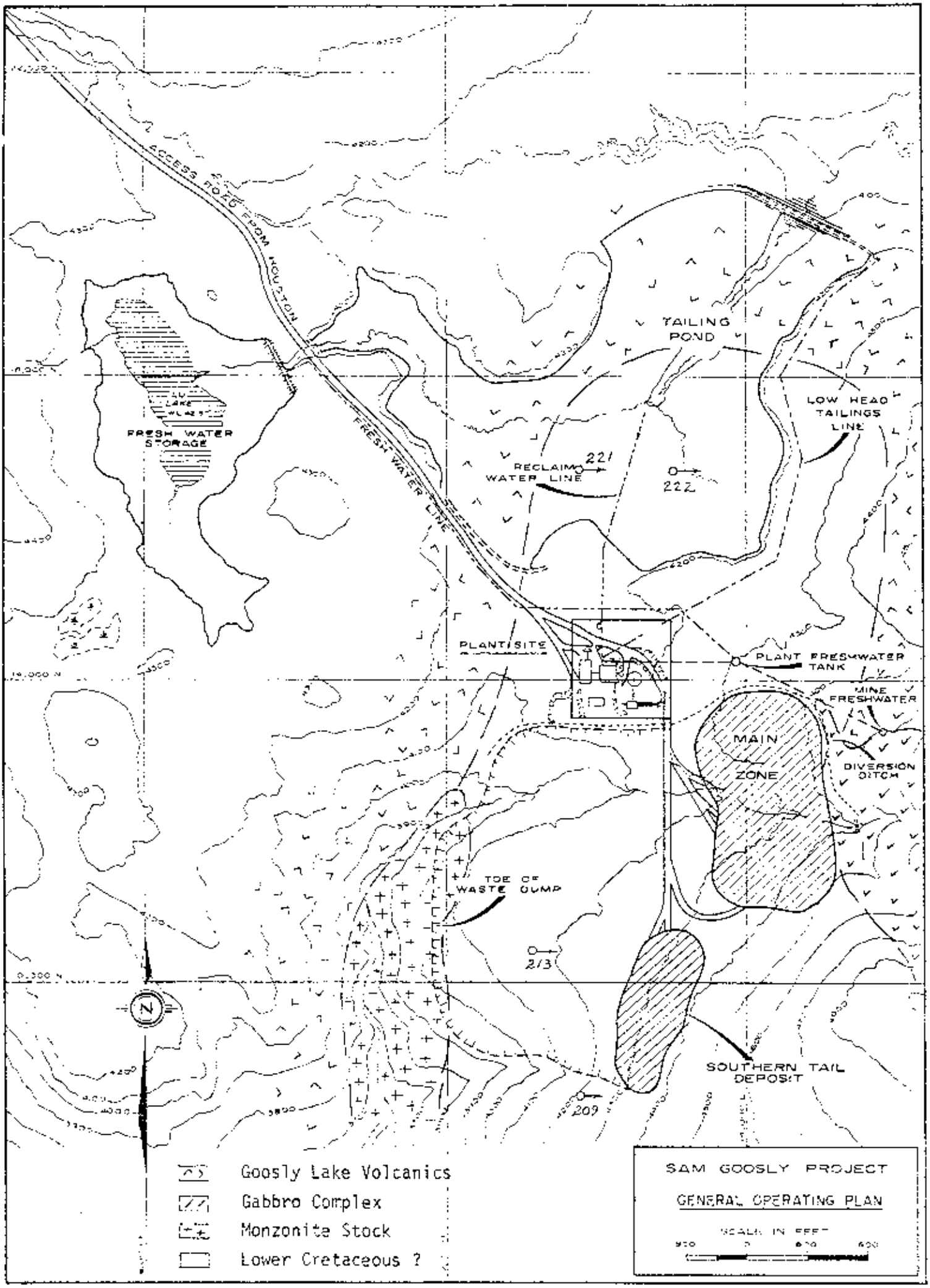
SCALE

MILES 50 0 100 200 300 MILES



Scale 1:250,000 or approximately 1 Inch to 4 Miles

Scale of Kilometres


ACCESS ROAD FROM HOUSTON
FRESH WATER LINE
FRESH WATER STORAGE
TAILING POND
LOW HEAD TAILINGS LINE
RECLAIM WATER LINE
221
222
PLANT SITE
PLANT FRESHWATER TANK
MINE FRESHWATER
DIVERSION DITCH
MAIN ZONE
TOE OF WASTE DUMP
213
209
SOUTHERN TAIL DEPOSIT
N
Goosly Lake Volcanics
Gabbro Complex
Monzonite Stock
Lower Cretaceous ?
SAM GOOSLY PROJECT
GENERAL OPERATING PLAN
SCALE IN FEET

APPENDIX "A"

Drilling Cost Statement

Sam Goosley Venture

19 - 22 October

DDH 221 located on Mineral Claim T-93
Total Footage = 875 feet

Straight Drilling Cost as per J.T. Thomas Invoice	$11,005.00
Tractor time (set up & pulldown rig) 14 hrs @ $16.50/hr	231.00
Tractor operator hrs charged = 7 hrs @ $19.00/hr	133.00
Camp Operations:	
4 drillers (T. Holland, S. Leduc, L. Shaw, P. Wolnowski) 4 days @ $20.00/manday	320.00
3 company personel (E. Holt, D. Ball & L. Kiss) 4 days @ $20.00/manday	240.00
company's wages 4 days	
E. Holt (supervisor) @ $130.00/day	520.00
L. Kiss (field technician) $80.00/day	320.00
D. Ball (assistant) $45.00/day	184.00
Assay cost: (cost include pulverising)	
25 core samples for Cu @$6.25/sample	156.25
25 " " " ag @$5.00/sample	125.00
	$13,234.25

23 - 24 October

DDH 222 located on Mineral Claim T-102
Total footage = 795 feet

Straight Drilling Cost as per J.T. Thomas Invoice	$ 9,835.00
Tractor time (moving rig) 6 hrs @ $16.50/hr	99.00
Camp Operations:	
4 drillers (T. Holland, S. Leduc, L. Shaw, P. Wolnowski) 2 days @ $20.00/day	160.00
3 company personnel (E. Holt, D. Ball, L. Kiss) 2 days @ $20.00/day	120.00
Company wages	
E. Holt (Supervisor) 2 days @ $130.00/day	260.00
L. Kiss (Field Technician) 2 days @ $80.00/day	160.00
D. Ball (Assistant) 2 days @ $45.00/day	90.00
	$10,724.00

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. S. HOLT

.../2

2 - 4 October

DDH 213 located on Mineral Claim SG-35	ML-2	
Total footage = 501 feet		
Straight Drilling Cost as per J.T. Thomas Invoice		$6,013.00
Tractor time (setup & pulldown) 3 hrs @ $16.50/hr		49.50
Camp Operations:		
4 drillers (J. Turpin, S. Leduc, L. Shaw, P. Wolnowski) 3 days @ $20.00/manday		240.00
3 company personnel (S. Tennant, L. Kiss & D. Ball) 3 days @ $20.00/manday		180.00
Company's Wages		
S. Tennant (Supervisor) 3 days @ $130.00/day		390.00
L. Kiss (Field Technician) 3 days @ $80.00/day		240.00
D. Ball (Assistant) 3 days @ $45.00/day		135.00
Assay Cost (cost includes pulverising)		
19 core samples for Cu @ $6.25/sample		118.75
" " " " Ag @ $5.00/sample		95.00
		$7,461.25

27 - 29 September

DDH 209 located on Mineral Claim SG-17	ML-2	
Total footage = 535		
Straight drilling cost as per J.T. Thomas Invoice		6,455.00
Tractor time (setup & pulldown) 5 hrs @ $16.50/hr		82.50
Camp Operations:		
4 drillers (J. Turpin, S. Leduc, J. Holland, P. Wolnowski) 3 days @ $20.00/manday		240.00
3 company personnel (S. Tennant, L. Kiss & D. Ball) 3 days @ $20.00/manday		135.00
Company's Wages		
S. Tennant (Supervisor) 3 days @ $130.00/day		390.00
L. Kiss (Field Technician) 3 days @$80.00/day		240.00
D. Ball (Assistant) 3 days @ $45.00/day		135.00
Assay Costs: (cost includes pulverising)		
49 core samples for Cu @ $6.25/sample		306.25
" " " " Ag @ $5.00/sample		245.00
		$8,228.75

APPENDIX "B"

STATEMENT OF QUALIFICATIONS

I, Edward S. Holt of North Vancouver, British Columbia, do hereby certify:

1. That I am a geologist residing at 4091 St. Albans Avenue, North Vancouver, British Columbia.

2. That I am a Professional Engineer registered in the Province of British Columbia.

3. That I am employed by Equity Mining Corporation, 908 - 1111 West Hastings Street, Vancouver, British Columbia.

4. That I have practiced my profession for twenty years.

5. That I have personal knowledge of the Sam Goosly deposits being developed by Placer Development Limited in the Omineca Mining Division, British Columbia, having personally spent extensive time on the property during the past six years. I have examined the core and familiarized myself with the surface trenches, underground workings and local rock exposures.

PROFESSIONAL
PROVINCE OF
E. S. HOLT
BRITISH COLUMBIA
ENGINEER

Edward S. Holt, P.Eng.

November 28, 1978
Vancouver, B.C.

DRILL HOLE GEOLOGIC LOG

SAM GOOSLY PROPERTY
Drill hole number 209
Core type NQ
Date 30th Sept. 1978
Logged by S.J. Tennant
Page 1 of 6

Northing 6679.8
Easting 7857.8
} U.T.M.
Elevation 1276.1
Dip -45
Bearing 90°
Total Length 535'

Alteration Scale
5 - Extreme Alteration
4 - High Alteration
3 - Moderate Alteration
2 - Some Alteration
1 - Weak Alteration
0 - No Alteration

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.
0	24	Set Casing								
24	30	50% Core Recovery Very Broken up								
		Dust Tuff - Limonite stain on fract								
30	40	80% Core Recovery Very Broken up.								
		Same as above - Some pyrite stringers			2		2		2	
		up to 3cm								
40	50	80% Core Recovery - Very Broken up								
		Dust Tuff Some pyrite and sericite								
		on fractures								
50	60	88% Core Recovery Very Blocky			2		3		2	
		50-57 Very rusty fractures								
		57-60 Much more chlorite								
		Random pyrite stringers up to 2cm								
		Core slightly greenish								
60	70	92% Core Recovery No limonite on fr.			2		1		2	
		Dust Tuff - buff colored Some								
		Pyrite stringers up to 3cm.								
70	80	92% Core Recovery - Some very broken sections								
		Same as above. Pyrite stringers								
		very thin with a little chlorite.								
80	90	92% Core Recovery Fairly Broken up								

DRILL HOLE GEOLOGIC LOG

Hole Number 209
Page 2 of 6

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Alteration Clay	Alteration Chl.	Alteration Carb.	Alteration Seri.	Alteration Ep.
		Dust Tuff very mottled - chlorite on								
		fractures and throughout core. Random			2	2	3		1	
		Pyrite fr. up to 2cm.	Py.							
90	100	98% Core Recovery								
		Dust Tuff as above - appears crushed								
		zone with random stringers of chlorite								
		Less pyrite than above.								
100	110	99% Core Recovery								
		Same as above slightly more py -			2		3		1	
		(sample of veins 3cm)	Py.							
110	120	99% Core Recovery.		114						
		@ 114 Andesite Dyke Contact 35°	35°							
120	130	99% Core Recovery.		129						
		- to 129 Andesite Dyke Contact 35°								
		129-130 F. Porphyry Dyke } Cream Colored with white phenocrysts								
130	140	99% Core Recovery - F. Porphyry Dyke		155						
140	150	99% Core Recovery F. Porphyry Dyke								
150	160	99% Core Recovery to 155 FP Dyke. Contact 45°	45							
		155 - Dust Tuff very crushed with			2		3		1	
		much chlorite and random py stringers								
		Core very competent but has been crushed.								
160	170	99% Core Recovery.								
		Dust tuff as above. - Few chlorite -								
		pyrite stringers.								

ESP

DRILL HOLE GEOLOGIC LOG

Hole Number 209
Page 3 of 6

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Alteration Clay	Alteration Chl.	Alteration Carb.	Alteration Seri.	Alteration Ep.
170	180	97% Core Recovery			2		3		1	
		170-173 Same as above								
		173-174 Gradational even looking								
		174-176 Andesite Dyke Contacts 60°								
		176-180 Gradational change to Dust Tuff	60							
180	190	95% Core Recovery (Plot of movement in Rock)								
		Several short sections of Breccia. Some								
		heavy pyrite sections plus py-ch. veins								
		Maybe Tr. tetrahedrite on some fractures								
190	200	95% Core Recovery. Much chlorite - core					4			
		appears greenish. Slight Buff sections here								
		and there. Few strong py veins.	py.		2		3		1	
200	210	95% Core Recovery Same as above.								
210	220	95% Core Recovery. Same as above	py-ch							
		216-218 ½" Py-ch! Vein								
220	230	98% Core Recovery								
		220-224 Same as above								
		224-226 Strong pyrite (15%) Veins pyrite								
		up to 5cm. (@ 25-30°)	25-30°							
		226-230 Gradational change to very	ragged contact							
		mottled spotty rock. A lot of chloritic spots with								
		fine pyrite throughout. Very hard.								
230	240	99% core recovery. Core appears to								
		grade into Andesite dyke								

ESH

DRILL HOLE GEOLOGIC LOG

SAM GOOSLY PROPERTY

Hole Number 209
Page 4 of 6

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Alteration Clay	Alteration Chl.	Alteration Carb.	Alteration Seri.	Alteration Ep.
240	250	96% Core Recovery (Last 3.5' very broken up					4			
		240-244 As above Very Dk. green								
		Contact 15°								
		244-250 Buff colored Dust Tuff								
		well broken - Little py. scattered								
250	260	97% Core Recovery			2		3		1	
		Dust Tuff - Buff colored but chlorite								
		getting greater. Few massive py. sections								
260	290	97% Core Recovery Generally same								
		as above. Some thin veins and a few								
		massive pyrite sections No other visible sulphides								
290	300	96% Core Recovery.								
		Dust Tuff - buff colored. Numerous			2		2		1	
		veins parallel along core. Various widths	py.chl.							
		chlorite and pyrite.								
300	330	95% Core Recovery. Same as above								
		308-310 Massive Qz. vein. Contacts 45°	Qz 45°							
		Most veins 60°								
330	340	97% Core Recovery								
		Dust Tuff generally same. Total pyrite								
		content increasing 5-6%. Few veins with								
		little tetrahedrite - (Sulphides increasing)								
340	370	96% Core Recovery.								
		Dust Tuff Buff colored - random stringers								

ESM

DRILL HOLE GEOLOGIC LOG

Hole Number 209
Page 5 of 6

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Alteration Clay	Alteration Chl.	Alteration Carb.	Alteration Seri.	Alteration Ep.
		fairly well fractured - healed with pyrite			2		2		1	
		few small sections appeared crushed								
370	410	98% Core Recovery Generally fairly competent.								
		@ 376 1' Breccia								
		@ 378 6" Breccia								
		@ 379 - 386 Feld Porphyry Dyke (cream colored - white phen)								
		386 - 410 Very massive pyrite throughout. (est 50%)								
		Several short sections very crushed up								
		healed with pyrite								
410	430	98% Core Recovery								
		Core appears much darker. - increase in chlorite.					4			
		Generally heavy pyrite throughout with								
		maybe some tetrahedrite. Maybe traces of								
		chalco as well. Core well fractured and								
		healed with pyrite and chlorite. No major								
		trends with fracturing								
430	460	97% Core Recovery								
		Generally similar to above. Rock appears		2			4		1	
		more crushed. Fairly heavy pyrite with								
		the odd small fault gouge. At times rock								
		competent but very well crushed. Healed with								
		Chlorite and pyrite. Erratic blebs of								
		tetrahedrite.								

ESH

DRILL HOLE GEOLOGIC LOG

Hole Number 209
Page 6 of 6

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Alteration Clay	Alteration Chl.	Alteration Carb.	Alteration Seri.	Alteration Sp.
460	470	98% Core Recovery.		467'						
		467 Contact 35° gradational change								
		to Andesite Dyke.								
		Fractures generally at random but a								
		few at 60° to Core.								
470	480.	98% Core Recovery.								
		467- 473 - Gradational change out of		473	2		2		1	
		Andesite Dyke.								
		@ 478' Chalcopyrite strong in major								
		fractures plus random veinlets throughout								
		core.								
480	500	98% Core Recovery								
		From 479 - 497 - Rock very silcous			4		3			
		Appears like a breccia - Shot through								
		with fine veinlets of CHALCOPYRITE >1%								
		From 497-500 grades back to DUST TUFF								
		with continuing chalcopyrite mineralization								
		Chalcopyrite fairly heavy in places.								
500	535	98% Core Recovery			2		3		1	
		Dust Tuff generally darker at times								
		with chlorite Random fracturing								
		@ 507 - 509 Good Chalcopyrite vein parallel to core								
		From 520 chalcopyrite drops off. Random								
		pyrite-chlorite veins.								

DRILL HOLE GEOLOGIC LOG

SAM GOOSLY PROPERTY
Drill hole number 213
Core type NQ
Date 3 October 1978
Logged by S.J.T.
Page 1 of

Northing 10,420.5
Easting 11,068.4
Elevation 4,143.8
} Linear.
Dip -45
Bearing 90°
Total Length

Alteration Scale
5 - Extreme Alteration
4 - High Alteration
3 - Moderate Alteration
2 - Some Alteration
1 - Weak Alteration
0 - No Alteration

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
0	60	Casing										
60	100	88% Core Recovery. Very Blocky & broken up.										
		Dust Tuff fragments with gouge here			1		3		1	1		
		and there, soft, Much chlorite										
		and a little epidote. A Little scattered pyrite.										
		Slightly coarser in places - Ash Tuff.										
100	140	92% Core Recovery Very blocky - broken up										
		Couple of fault breccia sections										
		very chloritic		F.B.								
		109 - 112 fault breccia with gouge.		A.D.								
		112 - 114 Andesite Dyke.	45°	F.B.	1		3		1	1		
		114 - 117 fault breccia with gouge										
		121.5 - 123 - Andesite Dyke.										
		123-140 - Very grey-greenish										
		Dust Tuff - randomly fractured,										
		Trace pyrite.										
140	180	96% Core Recovery. Not so broken up.			1		3		1	1		
		Grey to dark green Dust Tuff with										
		some slightly coarser section - Ash Tuff.										
		Very mottled - much chlorite - random										
		veins and fractures healed with chlorite										

A little epidote here there.

ESM

DRILL HOLE GEOLOGIC LOG

Hole Number 213
Page 2 of

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Alteration Clay	Alteration Chl.	Alteration Carb.	Alteration Seri.	Alteration Ep.
180	190	96% Core Recovery Generally same as								
		above.								
		187 Fine fault breccia - soft								
		188-190 - Gradational change to Andesite								
		Dyke - No sharp contacts.								
190	205	98% Core Recovery Andesite Dyke.			1		4		1	1
205	265.	98% Core Recovery Mixed Dust & Ash Tuff								
		Very chloritic. Finely Laminated at Times. ≈40° to core								
		Few pyrite veins up to 2cm. - occasional								
		Andesite Dykes for 2' with gradational contacts.								
		Short sections (3') of random fracturing, otherwise								
		competentent whole core.								
265	300	98% Core Recovery								
		Generally same as above.			1		4			
		Chloritic Dust Tuff. Short sections (18")								
		Andesite with gradational contacts.								
		Little pyrite on some fractures								
300	340	98% Core Recovery.								
		Same as above								
		317-327 Andesite Dyke								
		327-338 Randomly fractured little epidote.		15°						
		338-339.5 Felt. Porphyry Dyke.		40°						
		From 339.5 - Andesite Dyke								

DRILL HOLE GEOLOGIC LOG

Hole Number 213
Page 3 of 3

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
340	370	97% Core Recovery.			1							
		344 - 366.5 Feld. Porphyry Dyke (Contacts not sharp)										
		366.5 - 370 Mashed up for 18" then Andesite Dyke										
370	410	97% Core Recovery.										
		Back to very chloritic Dust + Ash Tuff.			2		4		1			
		381 - 389 Andesite Dyke.										
		Slightly laminated in some sections.										
		Few pyrite fractures up to 1cm with										
		occasional massive blebs of pyrite.										
410	430	98% Core Recovery.										
		411 - 412 Very massive pyrite and chalcopyrite.			2		4		1			
		412 Andesite Dyke Sharp Contact 70°	70°									
		412 - 432.5 Andesite Dyke Contact 25°	25°									
432	501	97% Core Recovery.										
		Very Chloritic - greenish Dust Tuff.										
		Some regular fractures. - Generally										
		randomly fractured. Couple of sections										
		fine laminated. Little epidote here + there.										

DRILL HOLE GEOLOGIC LOG

SAM GOOSLY PROPERTY
Drill hole number 221
Core type NQ
Date Oct 20 1978
Logged by E. S. Holt
Page 1 of 5

Northing 16,827.3
Easting 11,596.4
Elevation 4,144.6
Dip -45°
Bearing 090°
Total Length 875 ft

Alteration Scale
5 - Extreme Alteration
4 - High Alteration
3 - Moderate Alteration
2 - Some Alteration
1 - Weak Alteration
0 - No Alteration

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
0	40	Overburden										
40	138	Dacite Flow (?) a fine				1	2					
		grained grey-green rock										
		with poorly developed										
		feldspar phenocrysts locally										
		pyrite disseminated and with										
		hematite healing tight fract-										
		ures, weakly chloritic										
		113'-2" Pb-Zn-Py stringer										
138	150	Rhyolite Dyke typical fine					1					
		grained dark green with		incl.								
		sharp chilled contacts										
		146'-15" inclusion of dacite										
150	278	Dacite Flow (?) similar to				1	2		1			
		above with increasing abun-										
		dance of euhedral phenocryst										
		local sections with greenish										
		laths in addition to pale										
		grey feldspars? sparse pyrite										
		healing fractures, moderately										
		altered, real good drilling!										

DRILL HOLE GEOLOGIC LOG

Hole Number 221
Page 2 of 5

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Alteration Clay	Alteration Chl.	Alteration Carb.	Alteration Seri.	Alteration Ep.		
		258-265 rock becomes brownish										
		gradational contact										
278	288	Andesite Porphyry, visually rock looks					1					
		very much like Goosly lake volcanics,										
		white laths in a brownish-maroon										
		matrix, sharp contact										
288	375	Dacite Flow (?) same as above,			1	1	2		2			
		fine grained grey-green rock										
		with poorly developed pale green										
		phenocrysts, minor py healing fractures										
		315-onward - local reddish sections										
		and increasing clay alteration				3						
		335' - 2" fault gouge										
		345' - 1" py stringer										
		365 to 375 sub ∥ to fault zone										
375	385	Andesite Porphyry same as 278 to 288					1					
		white laths in a dark fine grained										
		matrix, fault contacts		Py &								
385	388	Dacite Flow, highly altered and		hematite		3			2			
		moderately mineralized with py		stringers								
		hematite and other grey minerals										
388	397	Feldspar Porphyry Dike, pale white				3						
		to yellow, soft, fault contacts,										
		vague anhedral phenocrysts										

DRILL HOLE GEOLOGIC LOG

Hole Number 221
Page 3 of 5

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
397	401	Mineralized Fault Zone, fault gouge				5			3			
		and rock fragment with pyrite		Pb-Zn								
		bornitite and minor galena + sp.										
401	406	Andesite Porphyry, same as 375 to					1					
		385, white laths up to 2 cm in										
		a dark andesitic matrix										
406	441	Dacite Flow (?) grey-green fine			1	2	1		1			
		grained rock with local sections										
		have subhedral phenocryst that										
		are white to pale green		fault								
		406 - 420 strong alteration and										
		10% pyrite with quartz		stringer								
		433' - 2" fault gouge										
		436' - 4" Qtz pyrite stringer										
441	463	Dust Tuff with some flow clasts or				2			2			
		inclusions, very fine dense rock										
		similar to S. Tail host, indication of										
		bedding at 45° to core, included										
		clasts appear relatively fresh, a										
		few pyrite stringers, fault contact										
463	560	Dacite Flow, fine grained grey-			2	1	1		2			
		green ground mass with up to										
		20% near white anhedral phen-										
		crysts, scattered pyrite stringers										

DRILL HOLE GEOLOGIC LOG

Hole Number 221
Page 4 of 5

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
		481' - possible pillow rim										
		471' - 8" mineralized breccia										
		498' - 5" fault gouge										
550	554	Andesite Porphyry, white laths in a fine grained green matrix, sharp irregular contacts		Py-Zn			1					
554	559	Dacite (inclusion ?) similar to above and below but with 6" massive py and Sp section at 558'			2		1		3			
559	582	Andesite Porphyry, pale green to white laths up to 2 cm in a dark green fine grained matrix					1					
582	613	Dacite Flow (?) vague subhedral whitish phenocrysts in a fine grained grey to green matrix, local reddish sections, up to 15% pyrite as patches and stringers, some possible inclusions 594 - 6" dust tuff		good py	3		1		3			
613	636	Andesite Porphyry, some well developed white to pale green laths in a brownish green fine grained matrix, scattering of amygdules filled with pale green material, sharp contacts					2					

ESH

DRILL HOLE GEOLOGIC LOG

Hole Number 221
Page 5 of 5

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
636	875	Dacite Flow(?) fine grained			1		1		2			
		grey green rock with local										
		sections having poorly devel-										
		oped feldspar laths, pyrite										
		disseminated and as stringers										
		with quartz, local reddish sect-										
		ions										
		665' 4" fault gouge		shearing								
		697 - Qtz pyrite stringers with										
		coarse sphalerite										
		730 to 765 moderate shearing										
		sub parallel to core.										
		778 to 785 core 1-11 hole-										
		shearing sub 11 to core		fault								
		851 to 864 soft sheared core		11 to								
		zone at 10° to core		core								
		864- 875 typical dacite										
		similar to most of this										
		hole with minor increase										
		in tourmaline content										
		which is primarily with										
		pyrite stringers										
		875 Ft - End of Hole.										

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. E. HOLT

DRILL HOLE GEOLOGIC LOG

SAM GOOSLY PROPERTY
Drill hole number 222.
Core type NQ
Date Oct 23 78
Logged by E. S. Hall
Page 1 of 5

Northing 16,818.8
Easting 13,046.3
Elevation 4,128.6
Dip -45°
Bearing 090°
Total Length 795

Alteration Scale
5 - Extreme Alteration
4 - High Alteration
3 - Moderate Alteration
2 - Some Alteration
1 - Weak Alteration
0 - No Alteration

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.	Tour.
0	20	Triconed									
20	67	Ash Tuff, mottled light grey with black patches of tourmaline and pyrite, a few coarse clasts up to 2 cm in size (very similar to hole 137 in plantsite) number of py stringers are ⊥ to core.		strong tourmaline	2.				2.		4
67	79	Andesite Porphyry, fine grained brownish-green matrix with coarse creamy laths				2.	1				
79	151	Ash Tuff, similar to above with some decrease in tourmaline content, rare coarse frags 95 to 130 weakly schistose less tourmaline, sparse py 103'-8" dust tuff		weakly schistose	2.	1			3		2.
151	159	Dust tuff with some coarse ash frags, grey & black banding and lenses, fault contact with ash below minor coarse pyrite		fault	1	3			2.		

DRILL HOLE GEOLOGIC LOG

SAM GOOSLY PROPERTY

Hole Number [illegible]
Page 2 of [illegible]

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.	Tour
159	256	Intermixed Pyroclastics, intermittent intervals of coarse breccia, lapilli, ash and dust tuff, some sharp and some gradational contacts, increasing tourmaline + Py			2	1			3		1
		159 to 172 Coarse breccia									
		172 to 180 Dust tuff with some coarse clasts of ash									
		180 - 187 : primarily lapilli									
		187 - 201 - dust tuff with some coarse clasts									
		201 to 244 intermixed ash and dust tuff, rare coarse clasts									
		244 to 256 lith tuff, highly altered with much tourmaline, clay and coarse pyrite stringers 11 to end									
256	275	Andesite Dyke, medium grey, fine grained, sharp chilled contacts 58 - 12" ash inclusion									
275	292	Dust Tuff with some ash interveln some scattered pyrite stringers increasing tourmaline, gradational contact with ash below 285 - 30" felsite dyke ?			2	2			3	2	

DRILL HOLE GEOLOGIC LOG

Hole Number [illegible]
Page 3 of [illegible]

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.	Tou.
292	340	High Tuff, mottled gray rock			1	3			3		4
		with abundant tourmaline part-									
		icularly with pyrite concentrations		strong							
		pyrite as stringers and disseminated		tourmaline							
		this is a highly altered section									
		299 - 303 chloritic with		chlorite							
		py in stringers									
		303 - 327 strong tourmaline and									
		clay alteration with 20% coarse		with py and							
		pyrite as stringers & patches		tourmaline							
		327 - 340 as above, with much									
		reduced pyrite & tourmaline									
		a few coarse fragments									
340	382	Andesite Porphyry, fine grained				2	1				
		brownish maroon matrix with									
		creamy or pale green kaolin, sharp									
		chilled contact, $CaCO_3$ healing frac.									
382	396	Breccia ?: a highly altered			1	3			3		2
		section with some coarse frag-									
		ments, some patchy tourmaline									
		and minor disseminated pyrite									
396	408	Andesite Porphyry, as above				2	1				
		but paler in color and poorly									
		developed phenocrysts, barren									

DRILL HOLE GEOLOGIC LOG

Hole Number 22[illegible]
Page 4 of 5

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Alteration Clay	Alteration Chl.	Alteration Carb.	Alteration Seri.	Alteration Ep.		
408	460	Dacite Flow (?) generally a			2	2			3			
		grey-green fine grained rock										
		with local sections having										
		anhedral whitish or pale										
		green phenocrysts, some clast										
		inclusions, minor pyrite mainly										
		as scattered stringers or fracture										
		fillings, becoming much more			↓	↓						
		siliceous and less altered toward			4	0						
		end of section										
460	469	Andesite Porphyry, same as				1	1					
		that above with sharp chilled and										
		466 - 6' fault zone										
469	774	Dacite Flow, dense, medium			4							
		green, fine grained groundmass										
		with local anhedral phenocrysts,										
		competent siliceous rock, rare qtz										
		pyrite stringers, fresh looking rock										
		504 - 36" flow breccia										
		510 [illegible] peppered with leucoxene										
		660 to 732 phenocrysts strongly										
		altered to clay or anhydrite										
		675 to 685 - 15% quartz, pyrite										
		tourmaline stringers										

DRILL HOLE GEOLOGIC LOG

Hole Number 222
Page 5 of 5

SAM GOOSLY PROPERTY

Footage From	Footage To	Description	Graphic Log Sketch	Graphic Log Remarks	Alteration Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
		710' - 3" fault gouge		chlor								
		725 sanured - increased gtz-py-tourmaline stringers										
		752 Coarse chalcopyrite with gtz py + tourmaline stringers										
774	795	Rhyolite Flow, a dense fine grained reddish-grey rock, schistous looking, some well developed pyrite crystals some coarse amygdules filled with pyrite, minor tourmaline and a soft white material, sharp contact with dacite above, minor fine disseminated pyrite			4			1				
		795 ft. - End of Hole										

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. E. HOIT

Assay Cert 0K GJB

KEYPUNCHED

DRILL HOLE ASSAY LOG

SAM GOOSLY PROPERTY

Hole Number 209
Page 1 of 2

Sample Number	Core From	Core To	Core Length	Recovery Wt.	Recovery %	Geologic Notes	Estimates % Py	Estimates % Cp	Estimates % Tet.	Assay Results % Cu	% Zn	% Pb	%Sb		Oz.Ag	Oz.Au
57744	25	40	15							0.07	-1.0		<0.001		34	0.04
745	40	50								0.01			0.004		5	0.01
746	50	60								0.03			<0.004		8	0.03
747	60	70								<0.01			0.004		2	0.04
748	70	80								0.01			0.004		4	0.01
749	80	90								0.01			<0.004		1	[illegible]
750	90	100								<0.01			0.001		2	[illegible]
57501	100	110								<0.01			<0.004		1	[illegible]
502	110	120								<0.01			0.012		3	[illegible]
503	120	130								<0.01			0.008		2	0.01
504	130	140								<0.01			<0.004		3	0.01
57505	140	150								<0.01			<0.004		2	0.03
506	150	160								<0.01			0.006		2	0.04
507	160	170								<0.01			0.008		2	0.06
508	170	180								0.02			0.004		2	0.02
509	180	190								<0.01			<0.004		2	[illegible]
57510	190	200								<0.01			0.003		2	0.01
511	200	210								0.01			0.004		3	0.12
512	210	220								<0.01			0.004		2	0.07
513	220	230								<0.01			0.003		5	[illegible]
514	230	240								<0.01			0.012		2	0.01
57515	240	250								<0.01			0.003		2	0.01
516	250	260								<0.01			0.006	GJB	1	0.01
517	260	270								<0.01			0.007		1	0.02
518	270	280								<0.01			0.006		1	0.02

DRILL HOLE ASSAY LOG

SAM GOOSLY PROPERTY

Hole Number 209
Page 2 of 2

Sample Number	Core From	Core To	Core Length	Recovery Wt.	Recovery %	Geologic Notes	Estimates % Py	Estimates % Cp	Estimates % Tet.	Assay Results % Cu	% Zn	% Pb	%Sb		Oz.Ag	Oz.Au
57519	280	290								0.01	-1.0		0.003		1	0.03
520	290	300								<0.01			0.007		1	0.01
521	300	310								<0.01			0.008		7	0.01
522	310	320								0.03			0.012		3	0.01
523	320	330								0.01			0.012		2	0.01
524	330	340								0.01			0.004		2	0.01
57525	340	350								0.02			0.004		5	0.01
526	350	360								0.02			0.004		4	0.01
527	360	370								0.04			0.005		5	0.01
528	370	380								0.18			0.004		15	0.02
529	380	390								<0.01			0.004		6	0.10
57530	390	400								0.06			0.020		41	0.10
531	400	410								0.17			0.032		123	[illegible]
532	410	420								0.02			0.004		19	0.67
533	420	430								0.07			0.012		9	0.04
534	430	440								0.10			0.016		14	0.67
57535	440	450								<0.01			0.004		4	0.77
536	450	460								0.06			0.003		3	0.14
537	460	470								0.07			0.003		2	[illegible]
538	470	480								0.55			0.004		6	[illegible]
539	480	490								1.60			0.005		14	[illegible]
57540	490	500								1.40			0.004		14	[illegible]
541	500	510								1.48			0.004		5.2	[illegible]
542	510	520								0.25			0.004		17	0.05
543	520	530								0.03			<0.004		1	0.03
57544	530	535								[illegible]			[illegible]		2	[illegible]

Check against Assay Certs. KEYPUNCHED

DRILL HOLE ASSAY LOG

SAM GOOSLY PROPERTY

Hole Number 213
Page 1 of 2

Sample Number	Core From	Core To	Core Length	Recovery Wt.	Recovery %	Geologic Notes	Estimates % Py	Estimates % Cp	Estimates % Tet.	Assay Results % Cu	% Zn	% Pb	%Sb	Oz.Ag	Oz.Au
57580	60	70								0.17	-1.0		-1.0	<1	-1.0
581	70	80								0.12				<1	
582	80	90								0.08				<1	
583	90	100								0.08				1	
584	100	110								0.16				3	
57585	110	120								0.01				1	
586	120	130								<0.01				2	
587	130	140								0.01				1	
588	140	150								0.01				2	
589	150	160								<0.01				1	
57590	160	170								0.01				<1	
591	170	180								0.01				<1	
592	180	190								0.02				3	
593	190	200								<0.01				1	
594	200	210								<0.01				1	
57595	210	220								0.01				2	
596	220	230								<0.01				<1	
597	230	240								<0.01				<1	
598	240	250								<0.01				5	
599	250	260								<0.01				1	
57600	260	270								<0.01				1	
601	270	280								<0.01				1	
602	280	290								0.01				3	
603	290	300								<0.01				2	
57604	300	310								0.02				<1	

DRILL HOLE ASSAY LOG

SAM GOOSLY PROPERTY

Hole Number 23
Page 2 of 2

Sample Number	Core From	Core To	Core Length	Recovery Wt.	Recovery %	Geologic Notes	Estimates % Py	Estimates % Cp	Estimates % Tet.	Assay Results % Cu	% Zn	% Pb	%Sb		Oz.Ag	Oz.Au
57605	310	320								0.02	-1.0		-1.0		<1	-1.0
606	320	330								<0.01					3	
607	330	340								<0.01					1	
608	340	350								<0.01					<1	
609	350	360								<0.01					<1	
57610	360	370								<0.01					<1	
611	370	380								<0.01					<1	
612	380	390								<0.01					<1	
613	390	400								<0.01					<1	
614	400	410								<0.01					<1	
57615	410	420								0.47			0.004		15	0.58
616	420	430								<0.01			-1.0		2	-1.0
617	430	440								0.01					2	
618	440	450								0.01					1	
619	450	460								0.01					5	
57620	460	470								0.01					1	
621	470	480								<0.01					<1	
622	480	490								0.01					<1	
57623	490	501								0.01					2	

ESM

DRILL HOLE ASSAY LOG

SAM GOOSLY PROPERTY

Hole Number 211
Page 1 of 3

Sample Number	Core From	Core To	Core Length	Recovery Wt.	Recovery %	Geologic Notes	Estimates % Py	Estimates % Cp	Estimates % Tet.	Assay Results % Cu	% Zn	% Pb	%Sb		G/T Ag	G/T Au
	0	40				Overburden										
	40	65	25		90	Dacite Flow	3	-	-	Not	Assayed					
57204	65	75	10		97	Dacite Flow	3	-	-	.02					1	
	75	105	30		98	Dacite Flow	4	-	-	Not	Assayed					
75	105	115	10		100	Dacite Flow (Brec)	5	-		.01					1	
	115	138	23		100	Dacite Flow	5	-	-	Not	Assayed					
	138	150	12		100	Andesite Dyke	-		-	Not	Assayed					
	150	175	25		98	Dacite Flow	3	-	-	Not	Assayed					
76	175	185	10		100	Dacite Flow	2	-		.01					1	
	185	215	30		100	Dacite Flow	2	-	-	Not	Assayed					
77	215	225	10		100	Dacite Flow	2	-	-	.01					1	
	225	255	30		100	Dacite Flow	2	-	-	Not	Assayed					
78	255	265	10		98	Dacite Flow	3	-	-	.01					1	
	265	278	13		97	Dacite Flow	2	-	-	Not	Assayed					
	278	288	10		100	Andesite Porphyry	-		-	Not	Assayed					
	288	300	12		98	Dacite Flow	1	-	-	Not	Assayed					
79	300	310	10		100	Dacite Flow	3	-	-	.01					1	
	310	335	25		98	Dacite Flow	3	-	-	Not	Assayed					
80	335	347	12		100	Dacite Flow	5	-	-	.01					48	
	347	365	18		100	Dacite Flow	5	-	-	Not	Assayed					
81	365	375	10		92	Dacite Flow	5	-	-	.01					4	
	375	385	10		90	Andesite Porphyry	-		-	Not	Assayed					
82	385	388	3		95	Dacite Flows	8	-	-	.01					10	
	388	397	9		100	Feldspar Porphyry	-		-	Not	Assayed					
83	397	401	4		92	Brecciated Dacite Flow	15	-	-	.01						

DRILL HOLE ASSAY LOG

SAM GOOSLY PROPERTY

Hole Number [illegible]
Page 2 of 3

Sample Number	Core From	Core To	Core Length	Recovery Wt.	Recovery %	Geologic Notes	Estimates % Py	Estimates % Cp	Estimates % Tet.	Assay Results % Cu	% Zn	% Pb	% Sb		G/T Ag	G/T Au
	401	406	5		98	Andesite Porphyry	-	-	-	Not	Assayed					
5	106	116	10		95	Dacite Flow	10	-	-	.01					1	
	416	431	15		96	Dacite Flow	6	-	-	Not	Assayed					
85	431	441	10		98	Dacite Flow	7	-	-	.02					[illegible]	
86	441	452	11		100	Dust Tuff	6	-	-	.01					1	
	[illegible]	463	1		100	Dust Tuff	2	-	-	Not	Assayed					
	463	475	12		100	Dacite Flow	3	-	-	Not	Assayed					
87	475	485	10		100	Dacite Flow	6	-	-	.01					1	
	485	515	30		98	Dacite Flow	2	-	-	Not	Assayed					
88	515	525	10		100	Dacite Flow	2	-	-	.01					1	
	525	540	15		98	Dacite Flow	2	-	-	Not	Assayed					
89	540	550	10		100	Dacite Flow	5	-	-	.01					1	
	550	554	4		95	Andesite Porphyry	-	-	-	Not	Assayed					
* 90	554	559	5		100	Dacite Flow	20	-	Sp	.01					16	
	559	582	23		98	Andesite Porphyry	-	-	-	Not	Assayed					
91	582	595	13		97	Dacite Flow	7	-	-	.01					1	
92	595	605	10		100	Dacite Flow	10	-	-	.01					1	
	605	613	8		100	Dacite Flow	4	-	-	Not	Assayed					
	613	636	23		98	Andesite Porphyry	-	-	-	Not	Assayed					
	636	665	29		100	Dacite Flow	4	-	-	Not	Assayed					
93	665	680	15		98	Dacite Flow	6	-	-	.01					1	
	680	690	10		98	Dacite Flow	4	-	-	Not	Assayed					
* 94	690	705	15		100	Dacite Flow	10		Sp	.01					6	
	705	745	40		96	Dacite Flow	3	-	-	Not	Assayed					
95	745	755	10		92	Dacite Flow	2	-	-	.01						

DRILL HOLE ASSAY LOG

SAM GOOSLY PROPERTY

Hole Number [illegible]
Page [illegible] of [illegible]

Sample Number	Core From	Core To	Core Length	Recovery Wt.	Recovery %	Geologic Notes	Estimates % Py	Estimates % Cp	Estimates % Tet.	Assay Results % Cu	% Zn	% Pb	%Sb		G/T Ag	G/T Au
	755	775	20		96	Dacite Flow	2	–	–	Not Assayed						
57896	775	785	10		90	Dacite Flow	4	–	–	.01					1	
	785	825	40		98	Dacite Flow	4	–	–	Not Assayed						
97	825	835	10		97	Dacite Flow	6	–	–	.01					1	
	835	865	30		92	Dacite Flow	4	–	–	Not Assayed						
98	865	875	10		100	Dacite Flow	3	–	–	.02					1	
				875	Ft.	End of hole										

DRILL HOLE ASSAY LOG

SAM COOSLY PROPERTY

Hole Number [illegible]
Page 1 of [illegible]

Sample Number	Core From	Core To	Core Length	Recovery Wt.	Recovery %	Geologic Notes	Estimates % Py	Estimates % Cp	Estimates % Tet.	Assay Results % Cu	% Zn	% Pb	%Sb		G/T Ag	G/T Au
	0	20				Triconed										
	20	35	15		85	Ash Tuff	6	-	-	Not	Sampled					
57899	35	45	10		80	Ash Tuff	7	-	-	.03					20	
	45	67	22		88	Ash Tuff	5	-	-	Not	Sampled					
	67	79	12		92	Andesite Porphyry				Not	Sampled					
	79	85	6		90	Ash Tuff	3	-	-	Not	Sampled					
900	85	95	10		92	Ash Tuff	3	-	-	.01					1	
	95	135	40		96	Ash Tuff	2	-	-	Not	Sampled					
1	135	145	10		98	Ash Tuff	3	-	-	.01					1	
	145	151	6		100	Ash Tuff	3	-	-	Not	Sampled					
	151	159	8		75	Dust Tuff	4	-	-	Not	Sampled					
	159	175	16		95	Intermixed Breccias	5	-	-	Not	Sampled					
2	175	185	10		97	Intermixed Breccias	6	-	-	.02					1	
	185	205	20		98	Intermixed Breccias	5	-	-	Not	Sampled					
3	205	215	10		98	Intermixed Breccias	5	-	-	.01					1	
	215	240	29		95	Intermixed Breccias	5	-	-	Not	Sampled					
4	240	256	12		94	Intermixed Breccias	10	-	-	.01					1	
	256	275	19		98	Andesite Dike	-	-	-	Not	Sampled					
	275	292	17		98	Dust Tuff	3	-	-	Not	Sampled					
5	292	298	6		85	Ash Tuff	7	-	-	.03					4	
6	298	305	7		90	Ash Tuff	10	3	-	.38					2	
7	305	315	10		88	Ash Tuff	12	Tr	-	.41					12	
8	315	327	12		90	Ash Tuff	12	-	-	.02					2	
9	327	340	13		93	Ash Tuff	6	-	-	.01					1	
	340	382	42		95	Andesite Porphyry										

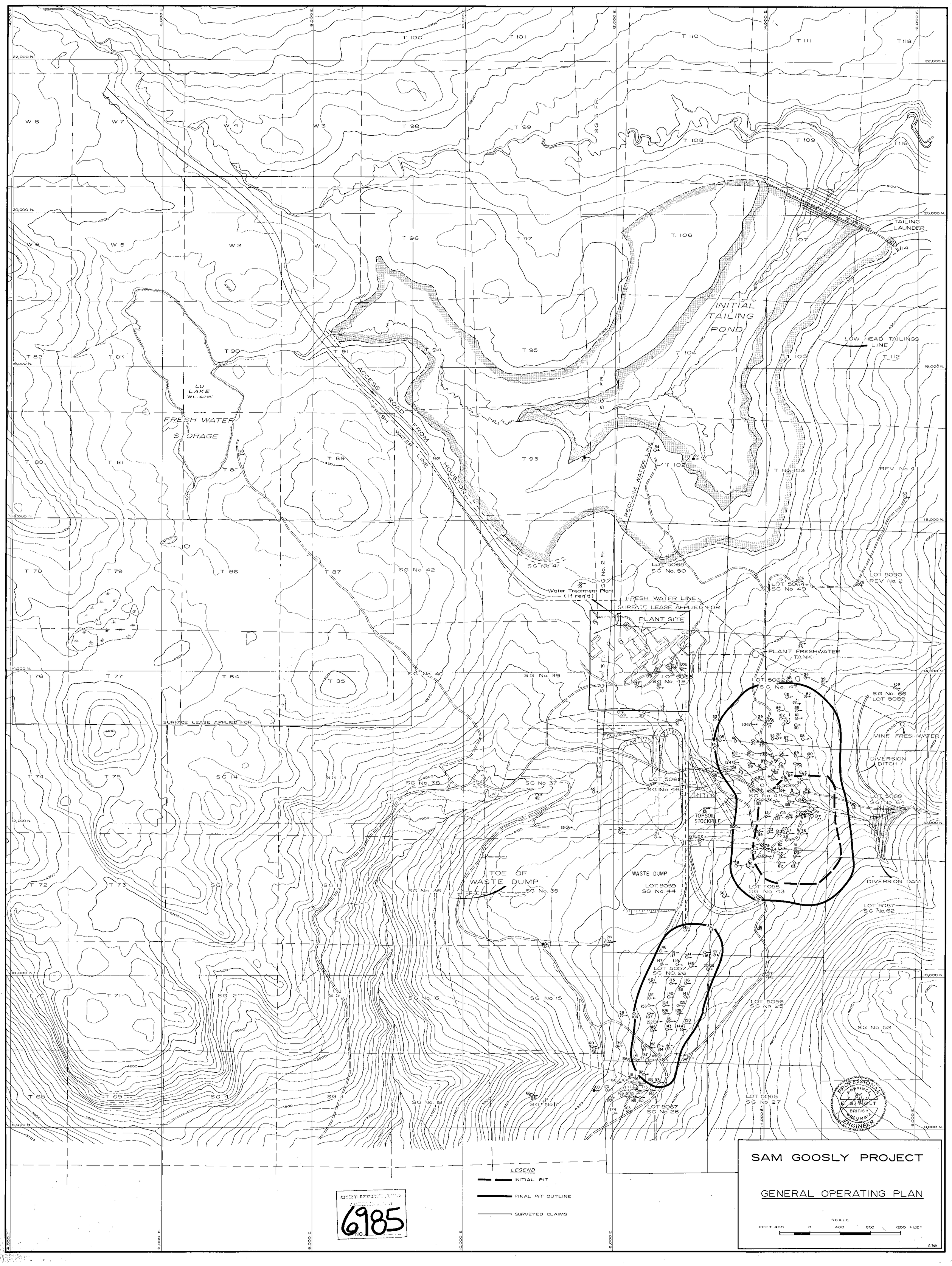
DRILL HOLE ASSAY LOG

SAM GOOSLY PROPERTY

Hole Number [illegible]
Page [illegible] of [illegible]

Sample Number	Core From	Core To	Core Length	Recovery Wt.	Recovery %	Geologic Notes	Estimates % Py	Estimates % Cp	Estimates % Tet.	Assay Results % Cu	% Zn	% Pb	%Sb		G/T Ag	G/T Au
10	382	396	14		92	Breccia	5	-	-	.01					12	
	396	408	12		98	Andesite Porphyry	-	-	-	Not Sampled						
11	408	420	12		92	Dacite Flow	3	-	-	.05					2	
	420	460	40		99	Dacite Flow	2	-	-	Not Sampled						
	460	469	9		96	Andesite Flow	-	-	-	Not Sampled						
	469	505	36		100	Dacite Flow	2	-		Not Sampled						
12	505	515	10		100	Dacite Flow	3	-		.04					4	
	515	565	50		99	Dacite Flow	3	-	-	Not Sampled						
13	565	575	10		100	Dacite Flow	4	-	-	.01					1	
	575	625	50		100	Dacite Flow	3	-	-	Not Sampled						
14	625	635	10		100	Dacite Flow	4	-	-	.01					12	
	635	675	40		100	Dacite Flow	2	-	-	Not Sampled						
15	675	685	10		100	Dacite Flow	4	-	-	.02					2	
	685	735	50		98	Dacite Flow	3	-	-	Not Sampled						
16	735	745	10		100	Dacite Flow	5	-	-	.03					2	
17	745	755	10		100	Dacite Flow	8	1	-	.08					4	
18	755	765	10		100	Dacite Flow	7	Tr.	-	.01					110	
19	765	774	9		98	Dacite Flow	5	-	-	.06					2	
	774	795	21		100	Rhyolite Flow	1	-	-	Not Sampled						
				795	ft	- End of Hole										

GSH


SAM GOOSLY PROJECT
GENERAL OPERATING PLAN
SCALE
FEET 400 0 400 800 1200 FEET
LEGEND
INITIAL PIT
FINAL PIT OUTLINE
SURVEYED CLAIMS
INITIAL TAILING POND
TAILING LAUNDER
LOW HEAD TAILINGS LINE
LU LAKE W.L. 4215'
FRESH WATER STORAGE
ACCESS ROAD FROM HOUSTON
FRESH WATER LINE
RECLAIM WATER LINE
Water Treatment Plant (If req'd)
FRESH WATER LINE
SURFACE LEASE APPLIED FOR
PLANT SITE
PLANT FRESHWATER TANK
MINE FRESHWATER
DIVERSION DITCH
DIVERSION DAM
TOPSOIL STOCKPILE
WASTE DUMP
TOE OF WASTE DUMP
SURFACE LEASE APPLIED FOR
LOT 5062 SG No. 47
LOT 5061 SG No. 46
LOT 5060 SG No. 45
LOT 5059 SG No. 44
LOT 5058 SG No. 43
LOT 5057 SG No. 26
LOT 5056 SG No. 25
LOT 5066 SG No. 27
LOT 5067 SG No. 28
LOT 5065 SG No. 50
LOT 5064 SG No. 49
LOT 5068 SG No. 18
LOT 5090 REV No. 2
LOT 5089 SG No. 66
LOT 5088 SG No. 64
LOT 5087 SG No. 62
SG No. 66
SG No. 52
SG No. 41
SG No. 42
SG No. 40
SG No. 39
SG No. 38
SG No. 37
SG No. 36
SG No. 35
SG No. 16
SG No. 15
SG No. 18
SG No. 17
REV. No. 4
T No. 103
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. S. HOLT
MINERAL RESOURCES DIVISION
6985
NO.