CIS-008 009610 92I/9W 92I/NE-7,89

Galaxy Drill Holes, Legend

946 ⑥ "Buff Monzonite" unit. Where pinkish buff, its most common condition, the rock has no K-spar, is an albitized + carbonatized, thoroughly altered felsite (monzonite). Where least altered (DDH. E-1) it is a carbonatized + albitized microporphyritic felsite (monzonite) with ± 10-12% K-spar (staining). Upper contact marked by reef mylonite zone.

964 ④ Picrite basalt - generally serpentinized.

962 ⑤ Sugarloaf type plitic monzonite

968 ① Greenstone and andesite, more or less altered. Also some V. dark green meta-chlorite.

912 ② Crushed (Breccia of) non-porphyritic monzonite - When extremely altered and sheared it is an epidorite with abundant sulfide.

948 ③ Non-porphyritic (as a rule) monzonite ± monzonite (?). of I.M. - Mineralized. Many fragments crush Bx.

GALAXY COPPER MINES Ltd.

DIAMOND DRILL HOLE SECTIONS

~~[ ] - Cherry Creek intrusions(?) Generally porphyritic microdiorite to rhyodacite with displaying strong albite and carbonate generally albitized and with~~

[5] ~~Sugarloaf intrusions~~ Porphyritic microdiorite - ~~May be mineralized~~

[4] Serpentinized picrite basalt, serpentinite

[3] Iron Mask Intrusions - ~~Ge~~ Generally non-porphyritic microdiorite and or micromonzonite(?). May grade into unit 2.

[2] I.M. Intr.? ~~Intrusion~~ Breccia ~~of~~ mostly of non porphyritic microdiorite. ~~S~~ Extremely altered sections are chiefly epidote-magnetite rock. May grade into unit 3

[1] Nicola Group -- Metagreenstone, metaandesite and metadiabase.

[6] Cherry Creek Intrusions (?). Generally porphyritic, buff microdiorite to rhyodacite. ~~displaying albite altered and later altered to carbonate~~ Extensively albitized. Also affected by carbonate and silica alteration. At upper contact it is strongly sheared and reduced to a reddish, hematitic mylonite.

Note - Sulphide mineralization (almost ~~mostly~~ exclusively) is found in rocks of units 1, 2, 3 and 5.

62
180
242

Section 1100 N. - S-16, S-13, S-2, S-1, S-5, S-6, S-8, S-11, S-15
(Vert above each hole; "vt" above S-15)

Section	Logged by me	Hole #	Dip	El. @ collar	length	
Section 1100 N	NE ↑ ✓	S-16	-90	3053	250'	
N 62°45' E	✓	S-13	"	3053	243	
	✓	S-2	"	3051	219	
	✓	S-1	"	3045	295	
	✓	S-5	"	3032	337	
	✓	S-6	"	3022	303.2	
	✓	S-8	"	3012	390	
	✓	S-11	"	3003	364	
	SW ✓	S-15	"	3002	503	
Section 1600 N	NE ↑ ✓	S-10	-90	3052	202	
N 62°45' E.	✓	S-3	-90	3046	295	
	✓	S-12	-90	3043	345	
	✓	S-14	-90	3053	425	
	SW ✓	G-31	-30° N60E	3009 collar 2770 bottom	478	
Section 1000 N	NE ↑	S-4	-65 N62°45'E	3060	219	
N62°45'E		S-7	-65 N62°45'E	3028	268	
	SW	S-9	-65 N62°45'E	3003	321	
Section 1750 N.	SW ↓	G-30	-35 N62°45'E	3016	506'	El. @ bottom 2726
N62°45'E		G-24	-90 ~~S62°45'W~~	3025	442'	" " " 2583
	NE	G-15	-45 S62°45'W.	3059	566	" " " 2659
Sect 100 W.	NW ↓	S-11	Done			
	SE	S-20	-90	3076	365	
Section R/L.	NW ↓	S-14	Done			
	SE	S-6	Done			
Section 100 E	NW ↓	S-12	Done			
		S-1	Done.			
	SE	S-17	-90	3055	340	
		S-18	-90	3115	340	
Section 200 E	NW ↓	S-21	-90	?	427.5	
	SE	S-3	Done			
		S-13	Done			

(Section 1750 N block circled, annotated: "no log of mine -")

Galaxy Copper Ltd   Grades S-holes (Sulmac 1965)

~~Also~~: From N. Miner Feb 18 '65 and Letter to Shareholders of Galaxy Copper Ltd. by Murray Pezim, Pres., March 11/'65

P.S C.T. Pasieka (Aug 14/67) does not believe sludge assays reliable because of poor operating techniques in collecting sludge - He considers churn drill data v. good.

S-1

60 - 140' = .83% Cu (sludge assay) ↖ 30' more out for assay (then) cannot see this high in core

S-2.

70'-170' = 0.50% Cu   Composite sludge + core (should be OK).

S-5

gave a 130-ft section of sludge running 0.635% Cu including a 57-ft section on which core ran 0.57% (should be ok. - see log book - where's this section?)

S-6 (this one should be OK, but look at recovery in places!)

60'-197' = 0.66% Cu on core   30'-ft more out for assay.

holes S-1, S-2, S-5 S-6 belong to one section.

S-4

20'-100' = 0.817% Cu on core
20 - 140' = 0.725% Cu on sludge } might be OK. but see log book for lousy core recovery.

S-7

14'-130' = 0.54% Cu on core (should be OK see log Book)
14 - 124' = 0.577% Cu on sludge.

these and other 2 holes belong to one section.

S-3

A

Well { 60 ft of core grading 0.665% Cu. poor recovery.
60 " " sludge " 0.75%.

This should be from 165 to 217, but core recovery is terrible - can't see this much mineral here

S-17

first 60' of hole runs 1.88% Cu.

S-14 55' @ 0.64% (where? Can't see this much in core at all.

P.S. Pajeska also feels that drilling was poorly done and operation was generally a SNAFU because "a big man" in the drilling outfit was a large shareholder of Galaxy Copper.

He feels the property should be thoroughly drilled out by rotary drills (Mayhew drills) which are very reliable and do not cost > $3.00/ft. D.D. holes in places cost up to $23/ft. in this property.

He feels they probably have an ore body there, but did not go about it in the right way.

92I/9W
92I/NE-7, 99

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES AND PETROLEUM RESOURCES
VICTORIA

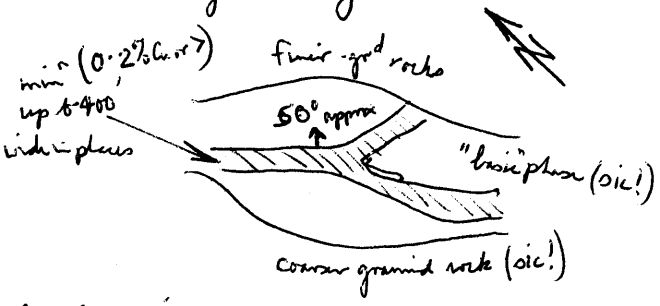
WHEN REPLYING PLEASE REFER TO

FILE NO.....

Highland Valley Lodge,
Ashcroft, B.C.
August 9th '67.

Dear Vic:

Thanks for your letter of August 1st, which I failed to collect till yesterday. I enclose coords, etc. of the Galaxy G holes & S holes (latter are not far to the north of the main area of Galaxy drilling, according to a map I've seen.) "Harry" Otani of Bethlehem kindly gave me this dope, & also showed me his interpretation of the mineralized body:-



I think he had difficulty correlating the mineralization from hole to hole, & it may be because it is in separate lenses (uncorrelatable) (JMC). He expects to get permission to examine Kimberley in the week beginning Aug 21st & I told him where to find you. (this is confidential info'n.) I like him very much.

Hedley says he has requested Burton's report dated 1960 or 1961. As to later Pothook drilling, I can't remember who did it so can't tell you right now who to approach. If you're in a hurry for information, why not phone up George Cornell of Noranda in Vancouver? I'll hope to see you on Saturday - I'll call in at Tagelrush in case you're there, otherwise I'll find your parents' house.

Just seen South Lens (Trojan) & Highmont and am seeing Rick Uyrne tomorrow. Will leave here Friday night for a "date" at Cache Creek, stay the night there & be in Kamloops by noon, I hope. Yours, Mike

Galaxy DDH's (S-series)

S1	295′	−90°		el 3045′	95+50 W	11+90 N
S2	219′	"		3051	95+23 W	12+30 N
S3	295′	"		3046	98+18 W	15+37 N
S4	219′	−65°	N66E ✓	3060	94+48 W	10+78 N
S5	337′	−90°		3032	95+83 W	11+52.5 N
S6	303.2′	"		3022	95+98 W	11+03 N
S7	268	−65	N (assume N61 45′E)	3028	94+88 W	10+90 N
S8	390	−90°		3012	96+26 W	10+61 N
S9	321	−65	N (assume N61 45′E)	3003	95+43 W	10+06 N
S10	202	−90°		3052	98+54 W	16+22 N
S11	364	−90°		3003	96+41 W	10+21 N
S12	345	"		3043	99+45 W	14+40 N
S13	243	"		3053	94+89 W	12+68 N
S14	425′	"		3053	100+18 W	13+70 N
S15	503	"		3002	97+35 W	8+88 N
S16	250	"		3053	94+61 W	13+10 N
S17	340	"		3055	93+76 W	10+77 N
S18	340	"		3115	88+73 W	7+52 N
S19	342	"		3070	107+80 W	15+25 N
S20	365	"		3076	90+84 W	6+62 N
S21	427.5	"		?	104+13 W	17+73 N
S22	377	"		?	102+45 W	17+54 N
S23	348.4	"		?	101+7 W	17+82 N
	7618.1					

7618.1
17708
25326.1
+E1 405
25731.1

7618.

COORDINATES OF GALAXY DRIL HOLES , REVISED TO JULY 22,1964

	Hole No	Length	Dip	To 3000'	Collar	Elev.	Bottom	Elev.
—	G- 1	424	45	82	9930 W, 660 N	3058	10050 W, 388 N	2758
—	G- 2	452	40	101	9390 W, 208 N	3065	9630 W, 37 S	2776
—	G- 3	426	51	82	9417 W, 660 N	3064	9744 W, 335 N	2490
	G- 4	398	45	71	8163 W, 960 S 8	3050	8094 W, 835 S	2910
—	G- 5	361	30	36	9692 W, 118 N.	3013	9454 W, 352 N	2823
—	G- 6	506	58	60	9555 W, 220 N	3051	9743 W, 35 N	2627
—	G- 7	418	44	13	10125, W, 30 N	3009	9940 W, 351 N	2647
—	G- 8	510	30	12	9400 W, 200 S	3006	9111 W, 137 N	2751
—	G- 9	529	31	23	10215, W, 200 N	3012	9979 W, 593 N	2743
—	G-10	561	30	36	10360 W, 276 N	3018	10092 W, 664 N	2737
—	G-11	651	45	85	9665 W, 528 N	3060	9956 W, 178 N	2600
—	G-12	446	25	28	10052 W, 165 N	3012	9865 W, 520 N	2827
no log. ?	G-13	417	45	153	8900 W, 213 S	3108	8596 W, 212 S	2815
no log ?	G-14	543	37	216	8500 W, 385 S	3030	8934 W, 385 S	2802
—	G-15	566	45	83	10060 W, 561 N	3059	10295 W, 237 N	2659
—	G-16	693	40	106	10411 W, 500 N	3068	10027 W, 864 N	2623
no log. —	G-17	514	34	163	10472 W, 600 N	3091	10553 W, 182 N	2804
—	G-18	457	90	50	10000 W, 348 N	3050		2593
no log —	G-19	453	41	140	10545 W, 625 N	3093	10403 W, 934 N	2796
—	G-20	836	90	46	9650 W, 264 N	3046		2210
no log —	G-21	271	90	62	9400 W, 196 N	3062		2791
no log. —	G-22	213	40	81	9540 W, 241 N	3052	9532 W, 403 N	2915
no log. —	G-23	384	90	25	9349 W, 10 S	3025		2641
no log. —?	G-24	442	90	25	10231 W, 326 N	3025		2583
no log. —	G-25	426	90	60	10143 W, 581 N	3060		2646
	G-26	306	65		10025 W, 1319 N N		9993 W, 1438 N	
	G-27	318	45	21	11040 W, 295 N	3015	10950 W, 496 N	2790
no log —	G-28	351	40	23	W ~~10802~~ W, 318 N	3015	10687 W, 554 N	2790

1964 Drilling

	Hole No	Length	Dip	To 3000'	Collar	Elev.	Bottom	Elev.
	G-29	442	30	84	10130 W, 310 N	3042	9936 W, 635 N	2821
✓	G-30	506	35	28	10267 W, 275 N	3016	10028 W, 600 N	2726
✓	G-31	478	30	18	10145 W, 171 N	3009	9940 W, 527 N	2770
✓	G-32	334	30	10	9661 W, 160 N	3005	9671 W, 352 N	2838
✓	G-33	319	30	14	9771 W, 144 N	3007	9635 W, 331 N	2848
✓	G-34	282	25	9	10022 W, 177 N	3004	9356 W, 366 N	2885
✓	G-35	313	35	16	9577 W, 23 N	3009	9398 W, 204 N	2830 ✓
✓	G 36	100	vert					
✓	G 37	376						
✓	G-38	528	40	65	10437 W, 385 N	3042	10152 W, 667 N	2703
✓	G-39	457	40	17	10360 W, 278 N	3011	10141 W, 575 N	2698
✓	G-40	391						

17,708

Stored @ Jamieson's Warehouse Kamloops

holes G1-30 ~~200~~

G31 → 0-285' 21

~~1080~~

~~816~~

1313 + 960.

2073.

1400N

900S

28.

10900

8100

2800

G-10

0-225 - Andesite (check: this includes andesite, m.g. diorite and epidote mgte bx of both)
225-240 - Younger diorite (my buff monz. ✓)
240-265 - Andesite (check: this is a zone of faulted + mylonitized buff monz. - Talcose)
265-350 - Buff monz. (includes m.g. diorite bx.)
350-520 - Andesite ✓
520-end - Buff Monz. ✓

G-11 - Should be all in andesite (651 ft). (check: this includes a lot of m.g. chloritized diorite and diorite bx. f.g. part (andesite) is only ~ 30-40% of hole.)

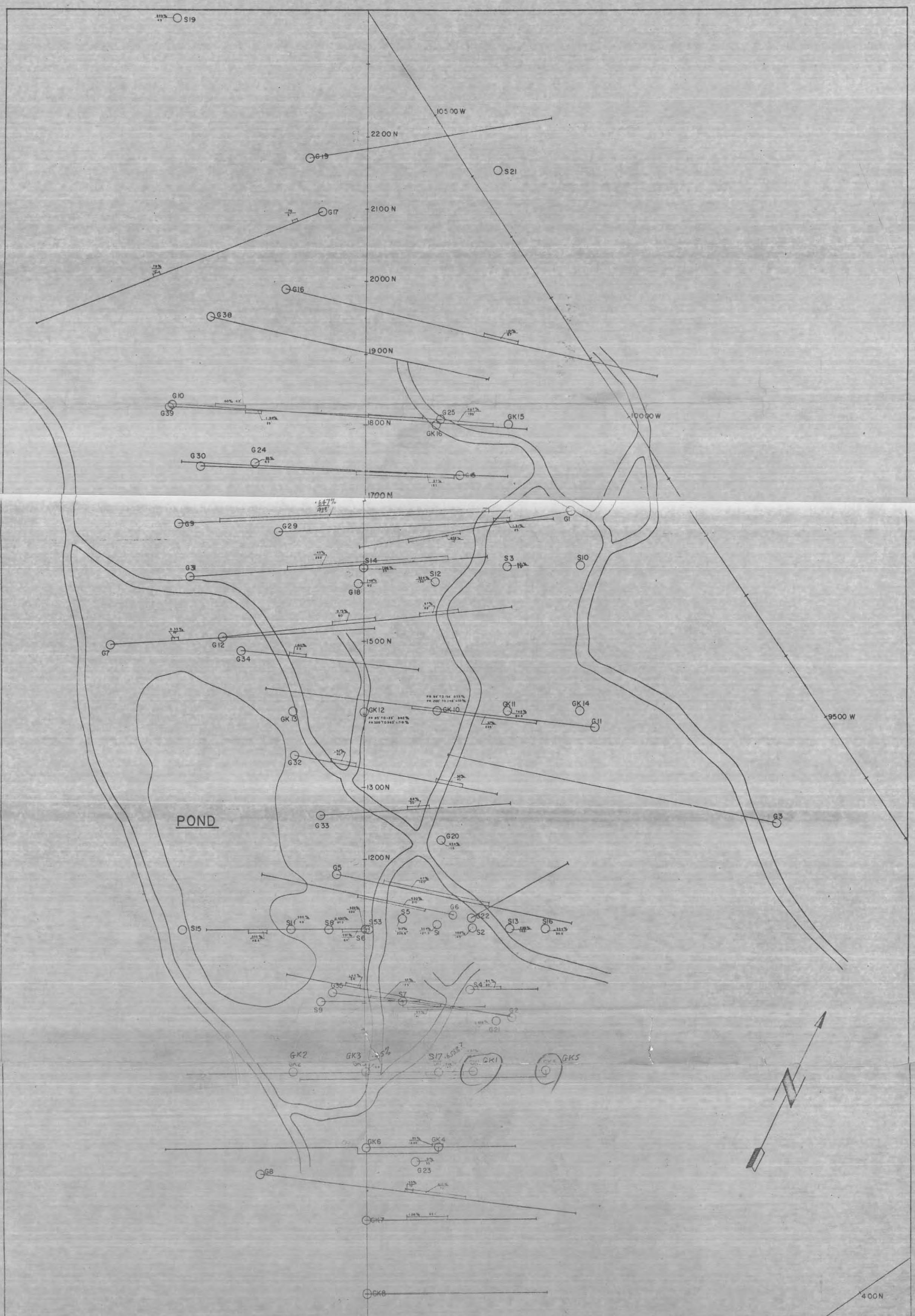
G-12 -
0-395 - Andesite (check: includes some m.g. diorite and some chloritic Sugarloaf diorite.
395-446 - Buff monz. (OK - unaltered mylonite @ upper contact)

G-2.

0-120 Andesite (mostly OK)
120-145 Buff monz. (?? Zone of albitized andesite + m/dior.)
145-452 Andesite. (Mostly OK - minor m/dior - Some part @ end of hole is darker, serpentinous)

G-8.

0-45 Obd [?]
45-180 Olivine gabbro - (check: Serpentinized picrite basalt.)
180-390 Andesite (check: includes andesite, m/diorite, some [illegible]-ite, epidote mgte bx and some mylonitized stx [?])
390-510 - Buff monz.



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

GALAXY COPPER LIMITED

DIAMOND DRILL & ASSAY PLAN

KAMLOOPS MINING DIVISION B.C.

Scale 1" = 100'

VELOCITY SURVEYS LIMITED