

Galaxy Drill Holes, Legend

946 ⑥ "Buff Monzonite" unit. Where pinkish buff, its most common connotation, the rock has no K-spar, is an albite-rich & carbonated, thoroughly altered felsite (mp/diorite). Where least altered (DDH. E-1) it is a carbonated & silicified microphyritic felsite (mp/diorite) with 10-12% K-spar (staining).
Upper contact marked by red mylonite zone.

964 ④ Picrite basalt - ~~is~~ generally serpentinized.

962 ⑤ Sugarloaf type fitic mp/diorite

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

912 ② Crushed ^{Breccia of} non-porphyrific mp/diorite - When extremely altered and sheared it is an epidiorite with abundant myte.

948 ③ Non-porphyrific (as a rule) mp/diorite & mp/monz(?) of I.M. - Mineralized. May grade into crush Bx.

GALAXY COPPER MINES LOT.
DIAMOND DRILL HOLE SECTIONS

- [] Cherry Creek intrusions. Generally porphyritic microcline to epidote. ~~Also affected by silice alteration and carbonates~~
- [5] Sugarloaf intrusions
Porphyritic microcline - ~~May be mineralized~~
- [4] Serpentinized picrite basalt, serpentinite
- [3] Iron Mask Intrusions - ~~Also~~ Generally non-porphyritic microcline and/or microcline(?) May grade into unit 2.
- [2] I.M. Intr.
Crust breccia of mostly of non porphyritic microcline. ~~Also~~ Extremely altered sections are chiefly epidote-magnetite rock. May grade into unit 3
- [1] Nicola Group - Metagreenstone, metabasite and metachert.

[6] Cherry Creek Intrusions (?) Generally porphyritic, buff microcline to epidote. ~~Also affected by silice alteration and carbonates~~ Extensively albited. Also affected by carbonate and silice alteration. At upper contact it is strongly sheared and reduced to a reddish, hematitic mylonite.

Note - Sulphide mineralization is ~~found~~ ^{almost exclusively} found in rocks of units 1, 2, 3 and 5.

Section 1100 N. - ^{vert} S-16, ^{vert} S-13, ^{vert} S-2, ^{vert} S-1, ^{vert} S-5, ^{vert} S-6, ^{vert} S-8, ^{vert} S-11, ^{vert} S-15

Section	Lapped by line	Notes	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
	SU	✓ 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
N 62°45' E		S-7	-65 N62°45'E	3028	268
	SW	S-9	-65 N62°45'E	3003	321

Section 1730 N	SW	G-30	-35 N62°45'E	3016	506'	El. @ both 2726
N 62°45' E		G-24	-90 stop in	3025	442'	" " " 2583
	NE	G-15	-45 S62°45'W	3059	566	" " " 2659

Section 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
		S-3	Done		
		S-13	Done		

Galaxy Copper - Ltd

Grades S-holes
(Sulmonae 1965)

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

S-1 P.S C.T. Pasiek (Aug 14/67) does not believe sludge
assays reliable because of poor operating techniques
in collecting sludge - He considers chubin drill blato
60-140' = .83% Cu 30' more out for assay (then)
(sludge assay) \swarrow cannot see this 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 } might be OK. but see log book for
20-140' = 0.725% Cu on sludge } 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

wh. { 60 ft of core grading 0.665% v. 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 run 1.88% Cu.

S-14

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

P.S. Pasieka 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 (Mayer's drills)
which are very reliable and do not
cost \rightarrow \$3⁰⁰/ft. D.D. holes in places cost up
to \$23/ft. in this property.

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

92E/9W

92E/NE - 7, 99



THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES AND PETROLEUM RESOURCES
VICTORIA

WHEN REPLYING PLEASE REFER TO

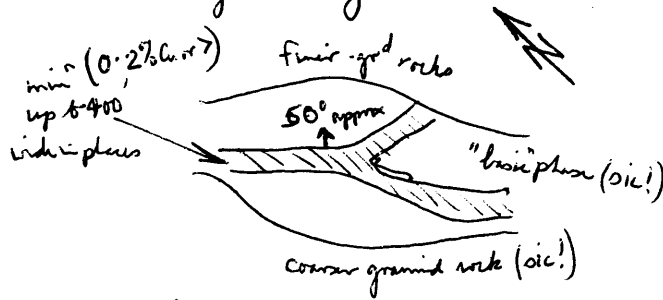
FILE NO.

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.)

"Marry" Otami of Simstano kindly gave me the 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 (unconformable) (JMC). He expects to get permission to examine Kimberley in the week beginning Aug 21st & I told him where to find you. I like him very much. (this is confidential info.)

Wedley says he has requested Burton's report dated 1960 or 1961. As to later Potlatch 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 Gerry Bamsell of Noranda in Vancouver? I'll hope to see you on Saturday - I'll call in at Ingebrant in case you're there, otherwise I'll find your parents' house.

Just seen South Sea (Trojan) & Midget and am seeing Rick Wynne tomorrow. Will leave here Friday night for a "date" at Back 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+50W	11+90N
S2	219'	"	3051	95+23W	12+30N
S3	295'	"	3046	98+18W	15+37N
S4	219'	-65° N66E ✓	3060	94+48W	10+78N
S5	337'	-90°	3032	95+83W	11+52.5N
S6	303.2'	"	3022	95+98W	11+03N
S7	268	-65 N ^{assume} N62.45E	3028	94+88W	10+90N
S8	390	-90°	3012	96+26W	10+61N
S9	321	-65 N ^{assume} N62.45E	3003	95+43W	10+06N
S10	202	-90°	3052	98+54W	16+22N
S11	364	-90°	3003	96+41W	10+21N
S12	345	"	3043	99+45W	14+40N
S13	243	"	3053	94+89W	12+68N
S14	425'	"	3053	100+18W	13+70N
S15	503	"	3002	97+35W	8+88N
S16	250	"	3053	94+61W	13+10N
S17	340	"	3055	93+76W	10+77N
S18	340	"	3115	88+73W	7+52N
S19	342	"	3070	107+80W	15+25N
S20	365	"	3076	90+84W	6+62N
S21	427.5	"	?	104+13W	17+73N
S22	377	"	?	102+45W	17+54N
S23	348.4	"	?	101+7W	17+82N
	<u>7618.1</u>				

7618.1
 17708
 25326.1
 405
 25731.1
 +EI

7618.

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

Hole No	Length	Dip	To	Collar	Elev.	Bottom	Elev.
			300'				
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	726	51	82	9417 W, 680 N	3064	9744 W, 335 N	2490
G-4	198	45	71'	8163 W, 960 S	3050	8094 W, 835 S	2910
G-5	351	30	36	9692 W, 118 N	3019	9454 W, 352 N	2823
G-6	506	58	60	9555 W, 220 N	3051	9743 W, 35 N	2627
G-7	518	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	10260 W, 276 N	3018	10042 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
<i>no log</i> G-13	417	45	153	8900 W, 213 S	3108	8596 W, 212 S	2815
<i>no log</i> G-14	543	37	216	8500 W, 385 S	3130	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 E	2623
<i>no log</i> 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
<i>no log</i> 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
<i>no log</i> G-21	271	90	62	9400 W, 196 N	3062		2791
<i>no log</i> G-22	213	40	81	9540 W, 241 N	3052	9532 W, 403 N	2915
<i>no log</i> G-23	384	90	25	9349 W, 10 S	3025		2641
<i>no log</i> G-24	442	90	25	10231 W, 326 N	3025		2583
<i>no log</i> G-25	426	90	60	10143 W, 581 N	3063		2646
G-26	306	65		10025 W, 1313 N		9993 W, 1438 N	
G-27	318	45	21	11040 W, 295 N	3015	10950 W, 496 N	2790
<i>no log</i> G-28	351	40	23	10604 W, 318 N	3015	10687 W, 554 N	2790

1964 Drilling

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 E	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	9836 W, 366 N	2835
G-35	313	35	16	9577 W, 23 N	3009	9398 W, 204 N	2830
G-36	160						
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 @ Jamerson's Warehouse Kauloops

holes G1-30

G31-40-285'

1000
8163

1313 + 960

1600
9008

23

2073

10900
8100
2900

G-10

- 0-225 - Andesite (check: This includes andesite, m.f. diorite and epidote mgte bx of both)
- 225-240 - younger diorite (very buff mowz.)
- 240-265 - Andesite (check: This is a zone of faulted & upflowing buff mowz. Talrose)
- 265-350 - Buff mowz. (includes m.f. diorite bx.)
- 350-520 - Andesite ✓
- 520 - end. Buff mowz. ✓

G-11 - Should be all in andesite (651 ft).
 (check: This includes a lot of m.f. chlorite red diorite and diorite bx. V.f. just (andesite) is only ~ 20-25% of hole.)

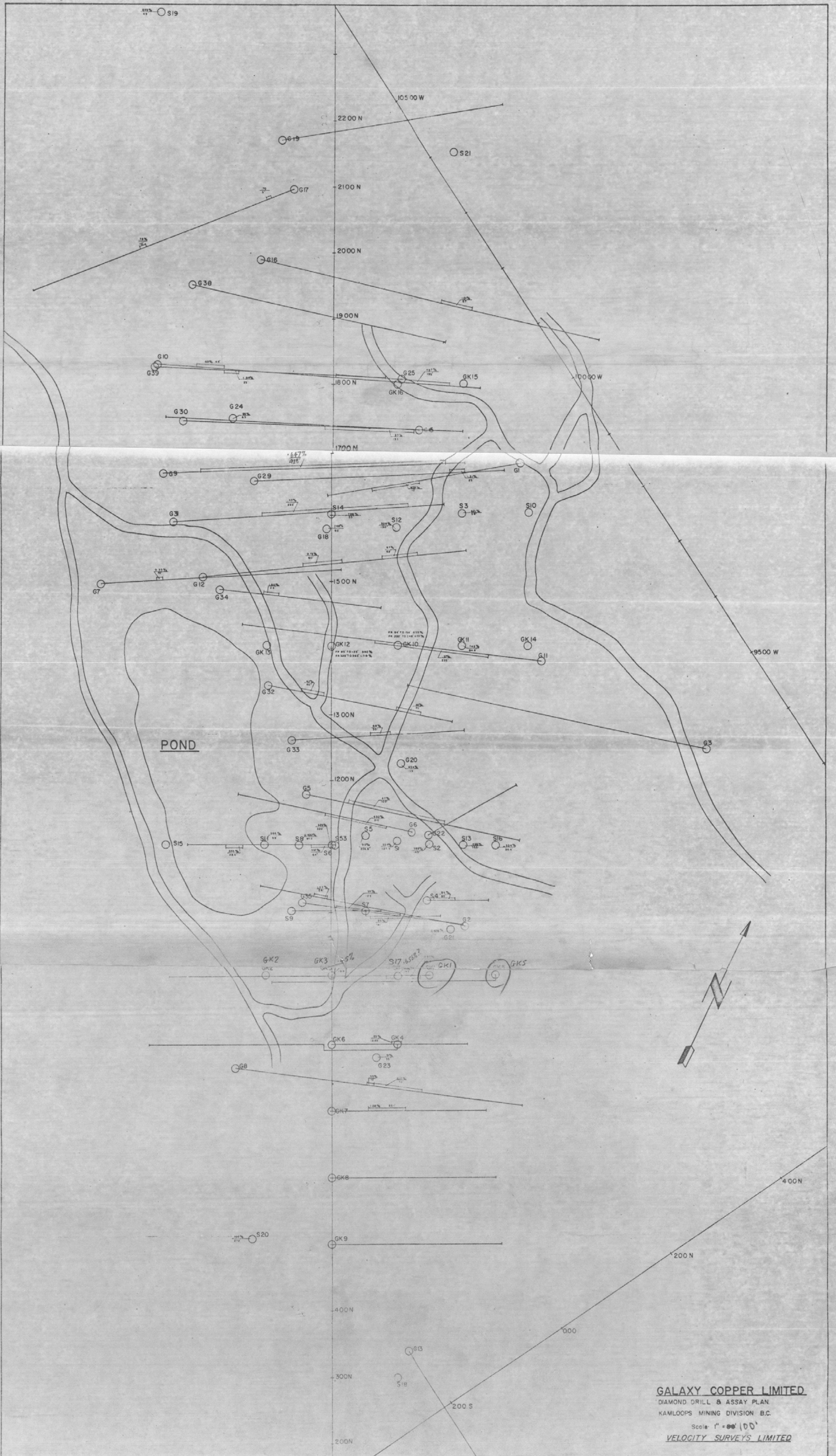
- G-12
- 0-395 - Andesite (check: includes some m.f. diorite and some chlorite high-leaf diorite.)
 - 395-446 - Buff mowz. (OK. usual red mowz. to @ upper contact)

G-2.

- 0-120 Andesite (mostly OK)
- 120-145 Buff mowz. (?? Zone of allitinated andesite + m/dior.)
- 145-452 Andesite. (Mostly OK. minor m/dior - some just @ end of hole is darker, serpentinous)

G-8.

- 0-45 Obsol
- 45-180 Olivine fobro - (check: Serpentinized fobro basalt)
- 180-390 Andesite (check: includes andesite, m/diorite, some epidote, epidote-mgte bx and some mowz. of them)
- 390-510 - Buff mowz.



GALAXY COPPER LIMITED
 DIAMOND DRILL & ASSAY PLAN
 KAMLOOPS MINING DIVISION B.C.
 Scale: 1" = 100'
VELOCITY SURVEYS LIMITED