Y.M.I.P.: 93-106
Target Evaluation

Bill - P33022
Borealis - P32568
Aurora - P32537
Alvin - P27151

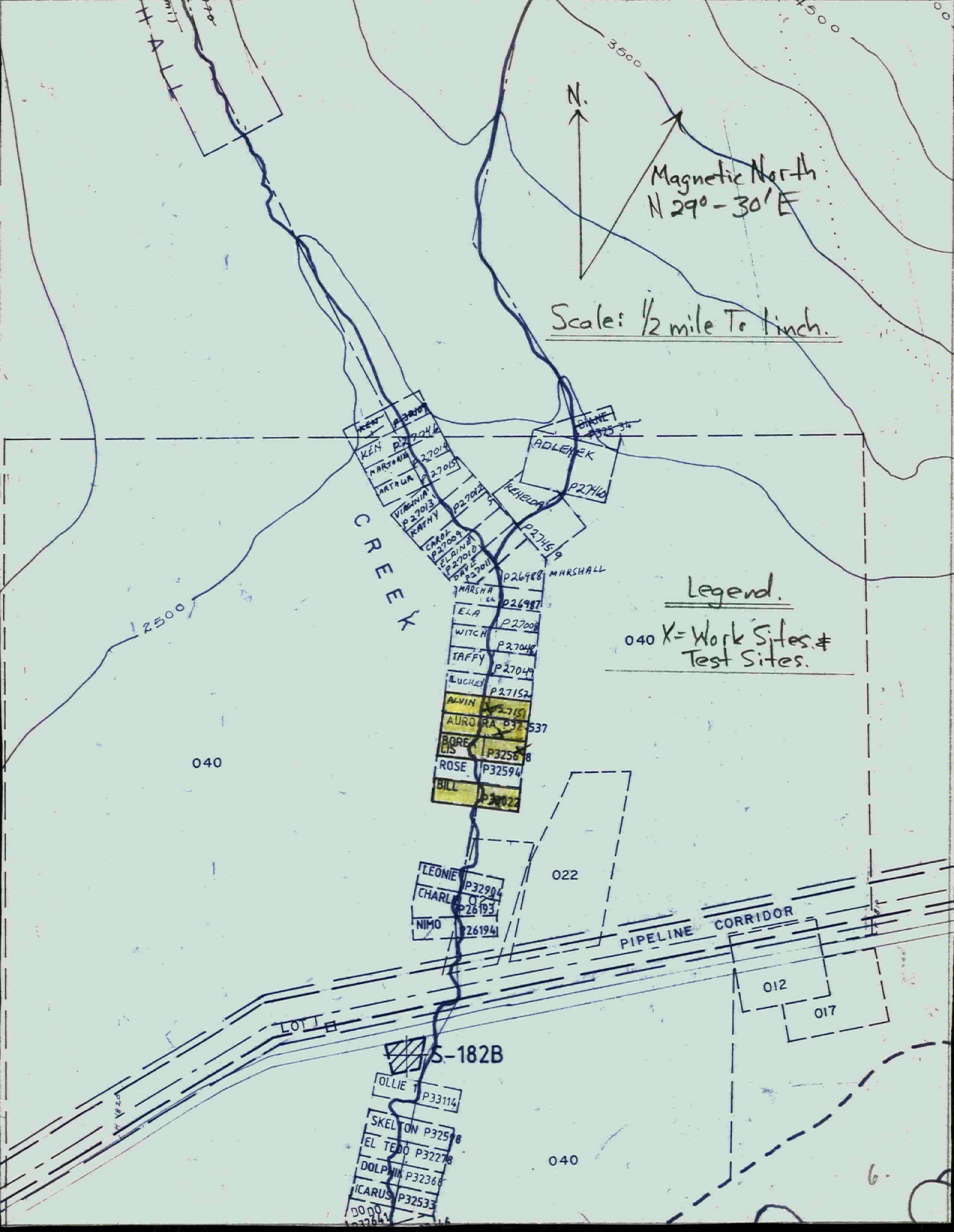
N.T.S. Map Sheet No. 115A-14 (Canyon)
Latitude: 60° 45′ to 61° 00′
Longitude: 137° 00′ to 137° 30′

Morey Smith

Aurora-Rose Mining: Morey Smith

May 1,1993 to August 10, 1993.

Table of Contents


N.
Magnetic North
N 29° - 30' E
Scale: 1/2 mile To 1 inch.
Legend.
040 X = Work Sites & Test Sites.
CREEK
3500
2500
KEN P27046
MARJORIE P27014
MARNIE P27015
VIRGINIA P27013
KATHY P27012
CAROL P27009
ELAINE P27010
DAVE P27011
ADLENECK
P27146
KENELDA
P27145
DIANE
P26988
MARSHA
P26987
ELA P27008
WITCH P27046
TAFFY P27049
LUCILLE P27152
ALVIN
AURORA P32537
BORE LIS P32568
ROSE P32594
BILL P32022
LEONIE P32904
CHARLIE P26193
NIMO P26194
040
022
PIPELINE CORRIDOR
012
017
LOT 1
S-182B
OLLIE 1 P33114
SKELTON P32598
EL TEDO P32278
DOLPHIN P32368
ICARUS P32533
040
6.

Technical Report: Methods of Sampling and Analyzing

My previous relevant investigation consisted of panning the edges of the creek along the claim boundaries and noting colours in the black sands, this encouraged further evaluation. All sampling methods consisted of excavating a quantity of surface material down to various depths by hand (e.g. pick and shovel and various other hand tools), loading grab samples either into a 6 cu. ft. wheelbarrow or 20 litre pails, hauling this material which was usually your basic glacio-fluvial sand, gravel and bouldery stuff, down to the creek. Running this material separately through a 2.5 mm brass Tyler sieve into another 20 litre pail, then panning this classified material in a Square Green Le Trap gold pan and then pouring the black sand into another 20 litre pail.

All black sand from all Test Sites was saved in the same pail, canoed and quartered until a fair sample was achieved then sent to the lab for assay results, which are included with this report.

For the mineral I am after, ocular examination and prudent panning revealed the colour and the Le Trap Gold Snuffer Funnel Bottle and the Gold Wheel, further panning, cleaning, drying and magnet extracted the magnetite revealing minute shreds of that shiny precious metal, Au.

Description of Work Done

Geological, geophysical, geochemical surveys and drilling were non-applicable to this project. Target Evaluation was carried out by means of conventional prospecting, all hand work with hand tools.

May 1/93 to May 30/93 two feet of sandy-clay material was excavated and hauled up from the Project Shaft, Aurora (P32537), this totalling approximately 2 cu. yds. of material. Due to the constant flow of water over-nite, the clay walls were being undermined and continually filling up what I had dug out the day before. I requested permission to change tactics, which was granted and also requested correspondence from other program hand miners for assistance in dealing with this problem, no response.

June 2/93 to July 8/93 work commenced on Bill (P33022) and Borealis (P32568). An area 60 meters by 15 meters was stripped of vegetation on Bill and piled aside to be burned this winter. Trail to creek and exit trail were cleared by hand and chainsaw. An access foot path from top road down to Bill for tools and equipment was also cleared. An excavation 9 ft. by 9 ft. by 2.5 ft. deep totalling 7.5 cu. yds. was dug through boulder and gravel. Grab Samples totalling 2 cu. yds. was hauled to creek and washed by method described earlier. Black sand accumulated and was stockpiled.

Tools were hauled out of Bill and up onto Borealis (P32568). Access route was already established. An excavation 5 ft. by 6 ft.

by 2 ft. deep was dug totalling 2.2 cu. yds. One cu. yd. of this gravel was loaded into the back of my pick-up truck and hauled down to creek and washed by method described. Black sand was saved.

July 10/93 to Aug. 10/93 I worked on Alvin (P27151) and Aurora (P32537). Trails were cut to Alvin and down to creek. An excavation measuring 8 ft. by 6 ft. by 5.5 ft. deep was dug through gravel totalling 9.8 cu. yds. All this material was panned by method already described. Black sand was saved.

Back on Aurora (P32537), after establishing timber work was firm, I took a pry bar and undermined the top 9 ft. of material from behind its' timber work and this flowed down and backfilled behind the bottom 6 ft. of timber work on all four sides. This done, then hauled gravel in my truck from another site on Alvin to shaft on Aurora, backed up to shaft, unloaded this gravel into 20 litre pails, hauled this material into shaft and poured it behind the top 9 ft. of timber work, filling up all four walls. This back fill material totalled 8 cu. yds. Tests were taken out of Aurora as I am digging through sandy-clay, but no colours were noticed.

The test site on Bill is located 200 ft. upstream along baseline from Post #1 and 75 ft. to the right. The site on Borealis is 1000 ft. to the right of Post #2 looking upstream. Aurora shaft is 400 ft. to the right of Post #1 looking upstream. Alvin site is 100 ft. downstream from Post #1 along baseline. All material isglacio-fluvial and sandy-clay.

Total yds. excavated was 21.5 yards
Total yds. processed was 12.8 yards
Total yds. backfilled was 8.0 yards
Total yds. moved was 29.5 yards.

Metals determined, concentration units and analytical methods are

listed in assay report.

Time spent on report: 2 nights and 2 days.

Report prepared by: Morey Smith.

Summary: Conclusions and Recommendations

With colours coming out of Borealis at 2-3 per pan at its' location and colours 2-3 per pan on Alvin showing at 6 feet, work will continue on Aurora shaft.

I'll be recommending the acquisition of more equipment in order to further enhance my Target Evaluation program and in establishing a small pilot test program.

Work will continue.

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CERTIFICATE OF ANALYSIS
iPL 93H2404

Northern Analytical Laboratories

Out: Aug 27, 1993 Project: 00262
In : Aug 24, 1993 Shipper:
PO#: Shipment: ID=C030901
Msg: ICP(AqR)30 Au,Pt,Pd,Rh(FA/AAS)20g
Msg:

1 Samples

	0= Rock	0= Soil	0= Core	0=RC Ct	1= Pulp	0=Other
Raw Storage:	--	--	--	--	12Mon/Dis	--
Pulp Storage:	--	--	--	--	12Mon/Dis	--

[041007:30:08:39082793]
Mon=Month Dis=Discard
Rtn=Return Arc=Archive

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DL	3D	5D	BT	BL
0	0	0	1	0

Analytical Summary

##	Code	Method	Title	Limit Low	Limit High	Units	Description	Element	##
01	312P	FAAA	Au	5	9999	ppb	Au Fire Assay/AAS finish	Gold	01
02	721P	ICP	Ag	0.1	100	ppm	Ag ICP	Silver	02
03	711P	ICP	Cu	1	20000	ppm	Cu ICP	Copper	03
04	714P	ICP	Pb	2	20000	ppm	Pb ICP	Lead	04
05	730P	ICP	Zn	1	20000	ppm	Zn ICP	Zinc	05
06	703P	ICP	As	5	9999	ppm	As ICP 5 ppm	Arsenic	06
07	702P	ICP	Sb	5	9999	ppm	Sb ICP	Antimony	07
08	732P	ICP	Hg	3	9999	ppm	Hg ICP	Mercury	08
09	717P	ICP	Mo	1	9999	ppm	Mo ICP	Molydenum	09
10	747P	ICP	Tl	10	999	ppm	Tl ICP 10 ppm	Thallium	10
11	705P	ICP	Bi	2	999	ppm	Bi ICP	Bismuth	11
12	707P	ICP	Cd	0.1	100	ppm	Cd ICP	Cadmium	12
13	710P	ICP	Co	1	999	ppm	Co ICP	Cobalt	13
14	718P	ICP	Ni	1	999	ppm	Ni ICP	Nickel	14
15	704P	ICP	Ba	2	9999	ppm	Ba ICP	Barium	15
16	727P	ICP	W	5	999	ppm	W ICP	Tungsten	16
17	709P	ICP	Cr	1	9999	ppm	Cr ICP	Chromium	17
18	729P	ICP	V	2	999	ppm	V ICP	Vanadium	18
19	716P	ICP	Mn	1	9999	ppm	Mn ICP	Manganese	19
20	713P	ICP	La	2	9999	ppm	La ICP	Lanthanum	20
21	723P	ICP	Sr	1	9999	ppm	Sr ICP	Strontium	21
22	731P	ICP	Zr	1	999	ppm	Zr ICP	Zirconium	22
23	736P	ICP	Sc	1	99	ppm	Sc ICP	Scandium	23
24	726P	ICP	Ti	0.01	1.00	%	Ti ICP	Titanium	24
25	701P	ICP	Al	0.01	99.99	%	Al ICP	Aluminum	25
26	708P	ICP	Ca	0.01	99.99	%	Ca ICP	Calcium	26
27	712P	ICP	Fe	0.01	99.99	%	Fe ICP	Iron	27
28	715P	ICP	Mg	0.01	9.99	%	Mg ICP	Magnesium	28
29	720P	ICP	K	0.01	9.99	%	K ICP	Potassium	29
30	722P	ICP	Na	0.01	5.00	%	Na ICP	Sodium	30
31	719P	ICP	P	0.01	5.00	%	P ICP	Phosphorus	31
32	381P	FAGrav	Pd	See Data Pg		oz/st	Pd Fire Assay/AAS 1/2 As	Palladium	32
33	346P	FA/AAS	Rh	25	9999	ppb	Rh Fire Assay/AAS finish	Rhodium	33
34	371P	FAGrav	Pt	See Data Pg		oz/st	Pt Fire Assay/AAS 1/2 As	Platinum	34

13.

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DL=DownLoad 3D=3-1/2 Disk 5D=5-1/4 Disk BT=BBS Type BL=BBS(1=Yes 0=No)

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CERTIFICATE OF ANALYSIS
iPL 93H2404

Client: Northern Analytical Laboratories iPL: 93H2404 Out: Aug 27, 1993 Page 1 of 1 Section 1 of 2
Project: 00262 1 Pulp In: Aug 24, 1993 Certified BC Assayer: David Chiu

Sample Name	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
AURORA ROSE # 1P	10	<	23	22	27	<	<	<	29	<	3	<	67	92	40	<	328	0.1%	713	6	15	4	3	0.32	0.44	0.37	22.12	0.36	0.01	0.02	0.05

Min Limit	5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	9999	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	99.99	99.99	99.99	9.99	9.99	5.00	5.00
Method	FAAA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories iPL: 93H2404 Out: Aug 27, 1993 Page 1 of 1 Section 2 of 2
Project: 00262 1 Pulp In: Aug 24, 1993 Certified BC Assayer: David Chiu

Sample Name	Pd ppb	Rh ppb	Pt ppb
AURORA ROSE # 18	15	<	30
Min Limit	5	25	15
Max Reported*	10000	9999	10000
Method	FA/AAS	FA/AAS	FA/AAS

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate