63.5565
OP 89-144

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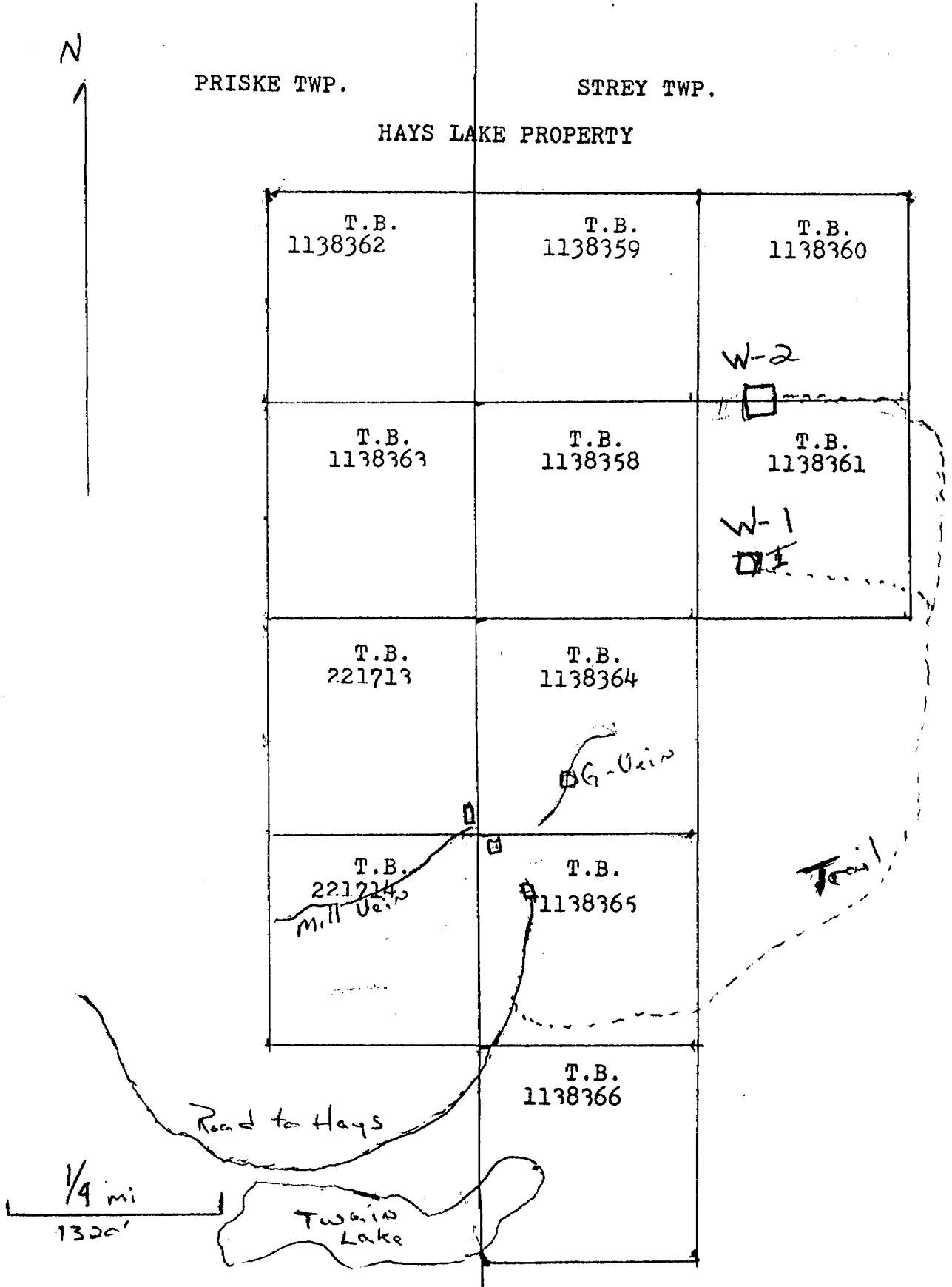

2. Hayes Lake claim group

2.a Introduction

This property consists of two patented and six standard claims located on the northeast side of Hayes Lake. They are centered five miles east of the town of Schreiber, Ontario.

Four veins were examined and sampled (see figure HL-1). These comprise of the mill vein, the No.1 vein, the G-vein and the W-vein. Walter Heker, owner of the property, has been milling material produced from open cuts on the mill and No.1 veins. The gold is recovered by gravity separation and amalgamation.

The main ore shoots are 20-30 meters long with a steep easterly plunge. There would be conducive to a mining operation of say 50 tons per day.

2b- The Mill and No.1 veins (Figure HL-2)

The mill vein trends at 65° and dips 80°N, while the No.1 vein trends at approximately 50° and is vertical to 80°N. A third vein, somewhat arcuate but generally east trending occurs to the west of the No.1 vein. This vein follows a thin interflow sedimentary unit.

The mill and No.1 veins occupy a brittle-ductile shear that varies from one to [illegible] meters in width. chlorite-biotite alteration is noted within the shear and irregular pink pegmatite dikes have been intruded along these structures in the host basalt flows.

The veins are poorly exposed in the open cuts where seen, they vary from 10 to 30 cm in width.

2c. The G-vein (Figure HL-3)

This vein is located 200 meters NE of the mill vein. It trends N 50° E and occurs in a brittle-ductile shear 1 to 3 meters wide. The host rocks comprise of basalts intruded by gabbro and numerous felsite and pegmatite dikes.

The quartz vein is 20-30 cm wide and mineralized with minor pyrite, chalcopyrite and galena. These sulphides display a very erratic distribution with much of the vein being barren. Samples H-28 to 33, inclusive were collected from this location. The best value was 2469 ppb Au (0.07 opt).

The vein is too narrow, low grade and the mineralization too erractic to have any economic potential.

2d. The W-vein (Figure HL-4)

This vein is situated 300-400 meters NE of the G-vein. The vein is very similiar in nature and occurs in gabbro. At the east end of the exposure the vein is hosted by a band of clastic, pyritic metasediments.

Samples HS-1 to 8, inclusive were collected from the vein and gossaned sediments. The best value from the quartz vein was 3.0 gpm/t Au.

The vein has little economic potential

However, in each of the three open cuts, the veins are reported by Acker to transect the shear from HW to FW in an easterly direction. ~~The~~ the veins also widen to 2 to 4 feet. The sigmoidal nature of the vein can be observed in outcrop at the west end of the No.1 vein

The vein material is mineralized with minor pyrite, chalcopyrite, galena and a telluride. Some carbonate is also noted. The veins grade an average 0.50 to 1.0 opt Au. A select grab from the dump at the Mill vein with abundant tellurides assayed 200 gms per ton.

The potential exists for the down plunge extension of the veins in the open-cut areas. A fourth lens with widths of almost 1.0 meter occurs at the extreme west end of the No.1 vein (samples H-14 and 15).

The potential outside of these structure is regarded to be excellent. Only three drill holes are known to be present - two put down by Noranda in the area east of the mill and one by Beardmore Resources tested the west end of the mill vein and intersected values of 0.05 opt Au over 3.0 feet. Extremely detailed drilling at a decline would test the potential of these veins. One maybe able to develope sufficient reserves to mine at 50 tons per day.

Hap[redacted] Lake Samples ; Mill & No. 1 Vein.

Sample No.	Type	Description
H-1	grab	pink pegmatite ; veined with 10% qtz.
2	3.0m chip	Fractured mafic volcanic - weakly gossanned
3.	0.3m chip	Fractured basalt + 50% gossanned seds - highly sheared
4	0.4m chip	sheared basalt - weathered
5	0.5m chip	deeply weathered pyritic seds - 10% fine diss. py
6	0.8m chip	sim. to H-3 ; ~~5% fine py~~ 50% clastic metaseds.
7	0.5m chip	Sim. to H-5 ; 5-10% ~~fine~~ py
8	2.0m chip	highly fractured basalt; 50-60% gossanned seds
9	1.0m chip	60% pink pegmatite ; 30% sheared, fractured basalt; 10% quartz , Tr. py
10	1.0m chip	highly fractured basalt
11.	0.75m chip	hrgly weathered pyritic seds ; 10% py ; sim. to H-5
12	1.0m chip	ditto
13.	0.3m chip	ditto
14	1.0 m-chip	ditto
15	0.5m chip	pink pegmatite + 10% quartz - minor py on contacts
16	0.6m chip	v. highly gossanned, siliceous seds - weathered
17	1.0m chip	20% qtz with 5% py, 50% fractured basalt, 30% peg.
18	0.3m chip	white to bluish qtz; 10-15% py, Tr. galena or telluride
19	1.5m chip	highly fractured basalt veined with 5% white qtz veinlets, 1-2mm wide
20	1.5m chip	Sim. to above ; qtz veinlets not as prominent
21	0.20m chip	QTz with 3% pyritic basalt.
22	0.10 grab	QV - 10% py, Tr. gal.
23	grab	"
24	0.8m chip	Highly fractured basalt.
25	grab.	QV - 5-6% galena or telluride?
26.	0.15m chip ~~grab~~	QV - minor chl. banding, 1% py, Tr. gal.
27	grab	QV - 10% reddish feldspars 1% cp

Hayes Lake Samples : G-Vein

Sample No.	Type	Description
H-28	1.0m chip	Pink pegmatite + 10% qtz + Tr. py
29	grab.	QV - white; 2-3% fine py lenses
30	grab	QV - wht; 1-2% pyritic seams
31	0.4m chip	QV - white to green, 2-3% fine diss. py. Tr. gal. or tell.
32.	0.20m chip	QV - 5% chlorite clots, Tr. py
33.	0.25m chip	QV - 5% grey pyritic clots., 1-2% overall
34.	1.0 m. chip	aplite - pink, fractured, 1-2% diss. py.
35.	T-Sample	fractured, pyritic basalt - not from Hayes property.
36	"	"
37	"	"

Hayes Lake Samples : Mill Vein

Sample No.	Type	Description
MV-1	1.0 m chip	Highly fractured basalt, 5% epidote veinlets (FW)
-2	1.0m chip	ditto (FW)
-3	1.5m chip	ditto - Tr. py (HW)
-4	1.2m chip	" " (FW)
-5	1.0m chip.	re-sample H-14, silicified, pyritic zone, v. heavily gossanned (No 1 vein)
-6	0.5m chip	re-sample H-16 - silicified, pyritic zone. (No. 1 vein)
-7.	grab.	re-sample large piece of muck from open cut - H-23.

Hayes Lake

Swastika Laboratories Certificate No. 76080 Page -5-

SAMPLE NO.	GOLD PPB	SILVER PPM
H-1	1	0.1
2	226 .10	0.4
3	.07 2469/3086	2.9
4	93	0.1
5	.10 3154/3086	5.2
6	48	0.1
7	.07 2469/2331	2.9
8	.06 2057/1851	4.0
9	545	0.7
10	69	0.1
11	.12 4114/3703	6.1
12	.11 3566/3017	4.1
13	.11 36892/37715	54.9
14	.12 4114/4114	7.9
15	274	0.3
16	.75 24549/20434	30.9
17	.11 3703/3429	6.2
18	.12 4046/3840	4.5
19	58	0.2
20	51	0.1

SAMPLE NO.	GOLD PPB	SILVER PPM
H-21	.18 5691/5829	13.0
22	.20 6583/6720	15.2
23	.18 5623/6857	4.3
24	48	0.2
25	8.0 212025/220116	406.0
26	.60 18034/19680	36.7
27	1.1 34766/35657	70.0
28	583	0.9
29	.07 2469/2400	7.9
30	.06 1646/1440	6.9
31	.06 2057/2606	5.6
32	.06 1920/2469	5.6
33	686	1.7
34	778	1.8
35	34	0.1
36	34	Nil
37	17	Nil

1. Samples

Con't.....

Per G. Lebel - Manager

Hayes Lake Samples & W. Vein

Sample No.	Type	Description
HS-1	grab	QV- 10cm wide, 3-5% py, Tr. galena
2	grab	gabbro wall rock, fractured, silicified, 1-2% py
3	0.5m chip	gossanous seds, 1-2% pyrite
4	1.0m chip	gossanous, cherty seds. 3-5% py
5	1.0m chip	"
6	1.0m chip	Interbedded chloritic and pyritic seds
7	1.0m chip	Highly crenulated, folded seds.
8	grab	QV- 10-15 cm wide, 5% py, Tr. cp.

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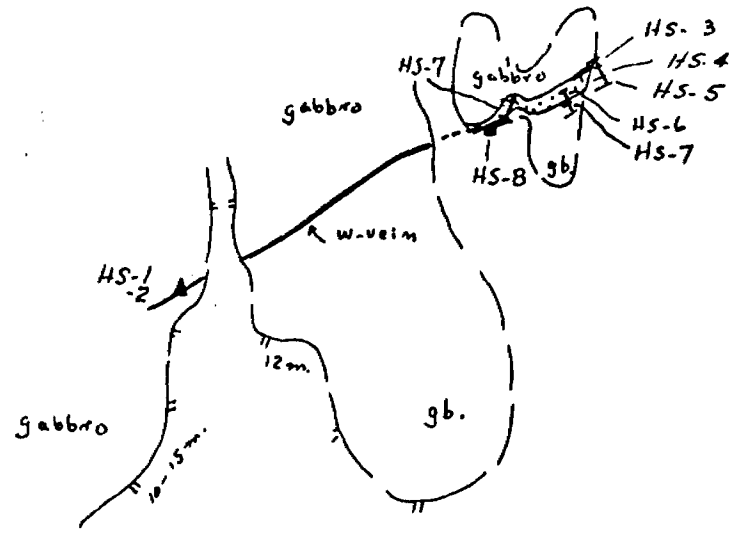
W. Acker
Hays shear
or W-vein samples

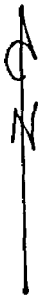
SAMPLE NO.	GOLD PPB	SILVER PPM
HS-1	849	5.1
2	34	0.2
3	516	0.8
4	216	0.2
5	185	0.1
6	166	0.3
7	36	0.1
8	3086/3291	27.2

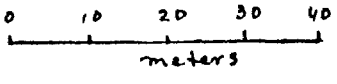
Con't.....

Per G. Lebel

G. Lebel - Manager /ns







Hayes Lake
W-Vein
Sample Locations

A. Pryslak - Sept - 84

Figure HL-4

Swastika Laboratories Certificate No. 76232 Page -5-

W. Acker
Mill Vein
Samples

SAMPLE NO.	GOLD PPB	SILVER PPM
MV-1	3	0.1
2	12	0.1
3	36	0.1
4	109	0.1
5	3662/3429	6.5
6	33600/36480	60.5
7	3977/3909	4.7

Per G. Lebel - Manager

SEND TO / ENVOYER A

Walter Acker
Box 278
Schreiber, Ontario P0T 2S0

FROM / DE

A. Pryslak, c/o Corona Corp.
Box 247
Wawa, Ont.
P0S 1K0

SUBJECT / SUJET

REF. / RÉF.

DATE

Dec. 6/89

MESSAGE

Walter - Enclosed is a hand written report on your properties. Lee Barker will be mailing a typed copy to you in the near future.

The shear zone at the McKenna-McCann is strong enough to have a Corona Type orebody. I would welcome looking at it in detail in the spring. The Hayes - Golden Range and McKenna-McCann veins are too small but I think they could be mined at 50 to 100 tons a days and be very profitable at the grades that I got from sampling.

REPLY FROM / RÉPONSE DE

DATE

Best Wishes for the season, and Regards to Ray + Russel'.

Tony

5. Jackfish Lake claims.

This property is held by J.R. Hamel of Schreiber, Ontario and is situated 10 km. east of Terrace Bay, north of Hwy. 17.

~~Trench~~ areas have been recently stripped by Beardmore Resources. Results were not provided.

Two types of gold mineralization were observed. The predominant type ~~is~~ is associated with shallow dipping quartz veins and the second type is with veins in subvertical shears. The general location of the zones and sample numbers is shown on figure J-1. Detailed plans of the Fishnet Lake zone and the top vein are illustrated by figures J-2 and J-3, respectively.

The shallow dipping veins are comprised of white bully quartz. Minor pyrite, chalcopyrite and galena occur near the margins of the veins. Because of the shallow dips (10-20°) the apparent widths (horizontal surfaces) are 2-4 meters on veins that are less than one meter wide. The best value was from the Top vein - Sample A-4 assayed 1.0 gm Au and 507 gms Ag.

The ~~Peter~~ creek zone consists of a steep N to NE trending shear, 1 to 2 meters wide. Quartz veins, mineralized with pyrite, chalcopyrite and galena have been highly disrupted into boudins. Samples C-3 and 4 were collected from these veins, C-3 being a 1-meter chip and C-4 representing a select grab (20 gms)

The potential of the shallow dipping vein is rated as poor and that of the vertical shears as low.

Jack Fish Lake Property - Top Vein, Trench

Sample No.	Type	Description
H-1	.2.0m chip	QV - white, [illegible]
-2	2.0m chip	QV - white [illegible]
-3	1.25m chip	QV - white [illegible]
-4	grab - High grade	QV - white [illegible]
-5	0.5m chip	[illegible]

Jack Fish Lake Property - Top Vein Stripping

B-1	0.5m chip	QV [illegible]
-2	0.3m chip	[illegible]
-3	0.7m chip	[illegible]
-4	1.5m chip	[illegible]
-5	0.4m chip	QV - [illegible]
-6.	1.7m chip (1.0m dtz)	QV + chlorite [illegible]
-7	0.7m chip	chlorite [illegible]
-8	1.0m chip	QV - [illegible]
-9	grab-high grade.	QV - 2-3% galena, 1% cp, 1-2% py.; v. similar to H-1

Jackfish Lake area - Creek Zone

Sample No.	Type	Description
C-1	1.0m chip	carbonated diorite with 10% quartz veining. -silicified, chloritized & 1% disp. py.
C-2	0.75m chip	similar to above with 20% qtz, 1-2% [illegible] in zones with quartz [illegible] 5% chlorite.
C-3	1.0m chip	chloritic schist with 30% qtz with 5% galena, 1% cp. minor py as boudins.
C-4	grab-high grade.	Qtz boudin with 3-5% galena, 2% cp. 2% py.

Jackfish Lake area - adit

Adit -

D-1	0.5m chip	QV, moderately limonitic with [illegible] (crack-n-seal feature). 2-3% diss. py.
D-2.	1.0m chip.	QV- boudinal; 1% py.

Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Certificate of Analysis

Certificate No. 76080 Date September 8, 1989

Received September 4, 1989. 75 Samples of Rock

Submitted by Corona Corporation, Wawa, Ontario Proj. #5021 Page one of two

Attention: Mr. T. Pryslak File # 92-0765

SAMPLE NO.	GOLD PPB	SILVER PPM
A-1	48	21.7
2	1	19.0
3	134	88.0
4	1015/1166	507.0
5	24	4.1
B-1	57	8.4
2	34	2.2
3	17	Nil
4	51	4.1
5	329	56.0
6	130	35.3
7	13	1.9
8	1	5.8
9	549	116.0
C-1	31	1.1
2	96	3.3
3	7749/6514	13.9
4	20572/ 24892	72.0
D-1	41	0.8
2	1	0.4
3	58	1.3

Jackfish Lake Area - Fishnet Creek Zone

Simple No	Type	Description.
J-1	1m chip	chlorite schist, 1% py (sheared gabbro) - HW
2	0.5m "	Reddish rusty QV - 1% py
3	0.5m "	FW schist, 1-2% py
4.	0.75m ~~grab~~ "	QV - white, minor cb, 1-2% py
5	grab	QV - 5% cb, 1% v. coarse py
6	0.75m chip	QV - minor cb.
7.	1.0 m "	50% QV, 50% chl-cb schist, Tr. py
8.	1.0 m "	QV - white, Tr. py, 5-10% cb.
9	2.0 m "	QV - white, bully
10	grab.	QV in pit - 5% cb, rusty patches
11.	grab	QV - 5-10% py, 5% pink K-spar - minor chl.
12	2.0m chip ~~grab.~~	QV - 5% inclusions, 1% py, Tr. sph, cp
13	0.5m chip	QV - streaky, banded, Tr. py, cp
14.	2.0m "	ditto
15	2.0m "	QV - white, barren
16	1.0 m "	QV - 5% chl-amp. incl., Tr-1% py, cp
17	1.0 m "	ditto
18	0.5m "	ditto
19	grab	QV - white, streaky
20	1.0 m chip	QV - white with 20% reddish stain, 1% py
21	grab	Biotite - chlorite schist - 10% qtz, Tr. py.

Swastika Laboratories Certificate No. 76232 Page -3-

Ray Homel
Joe Lifsh Lake
samples

SAMPLE NO.	GOLD PPB	SILVER PPM
J-1	118	0.5
2	14	0.1
3	24	0.2
4	24	0.1
5	22	0.1
6	17	0.1
7	75	0.1
8	24	0.1
9	5	0.1
10	26	0.1
11	5	0.1
12	3	0.2
13	21	0.1
14	9/9	0.1
15	9	0.2
16	7	0.1
17	17	1.6
18	5	0.1
19	7	0.1
20	2	0.1
21	5	0.1

Con't....

Per G. Lebel - Manager

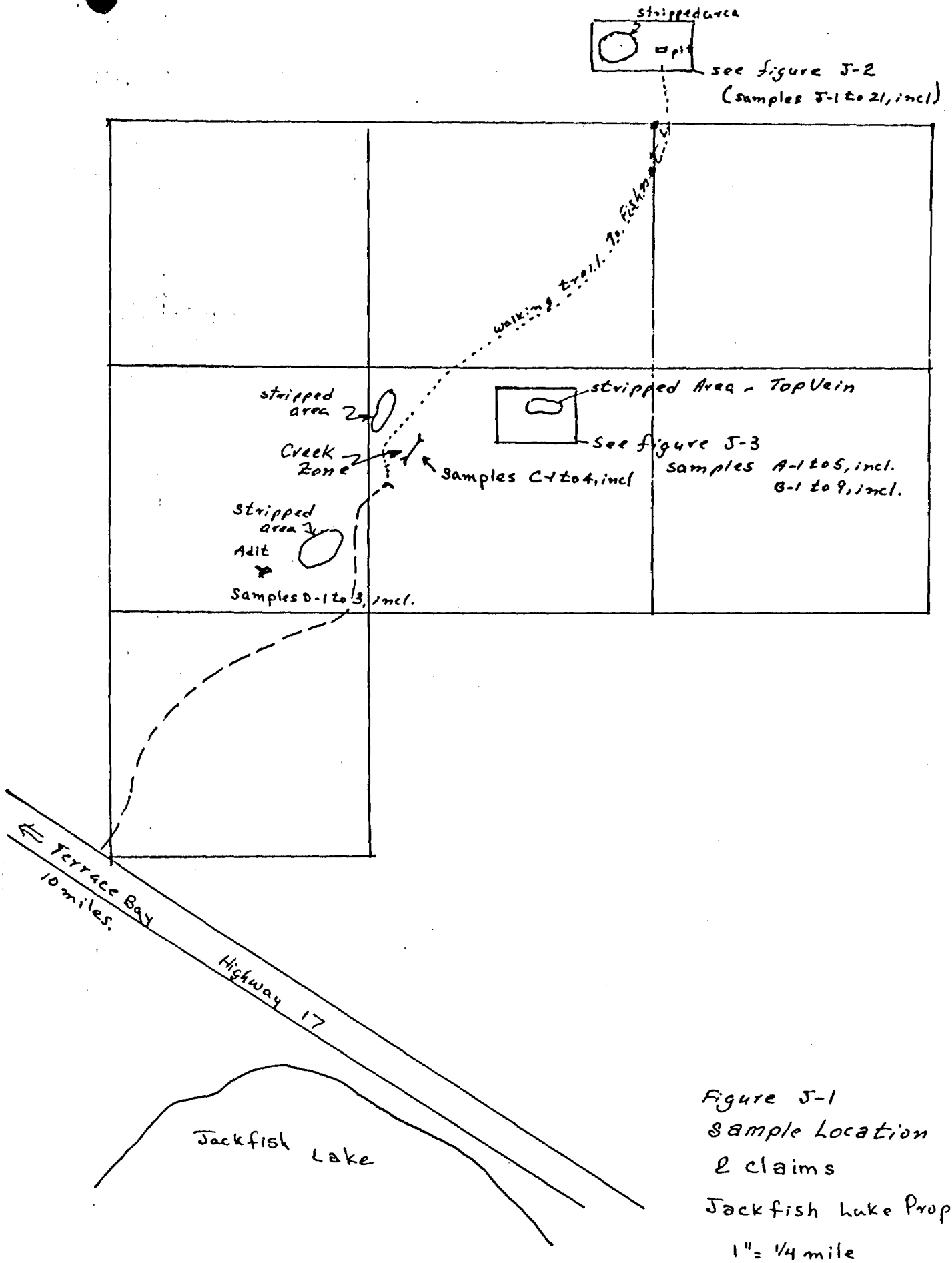
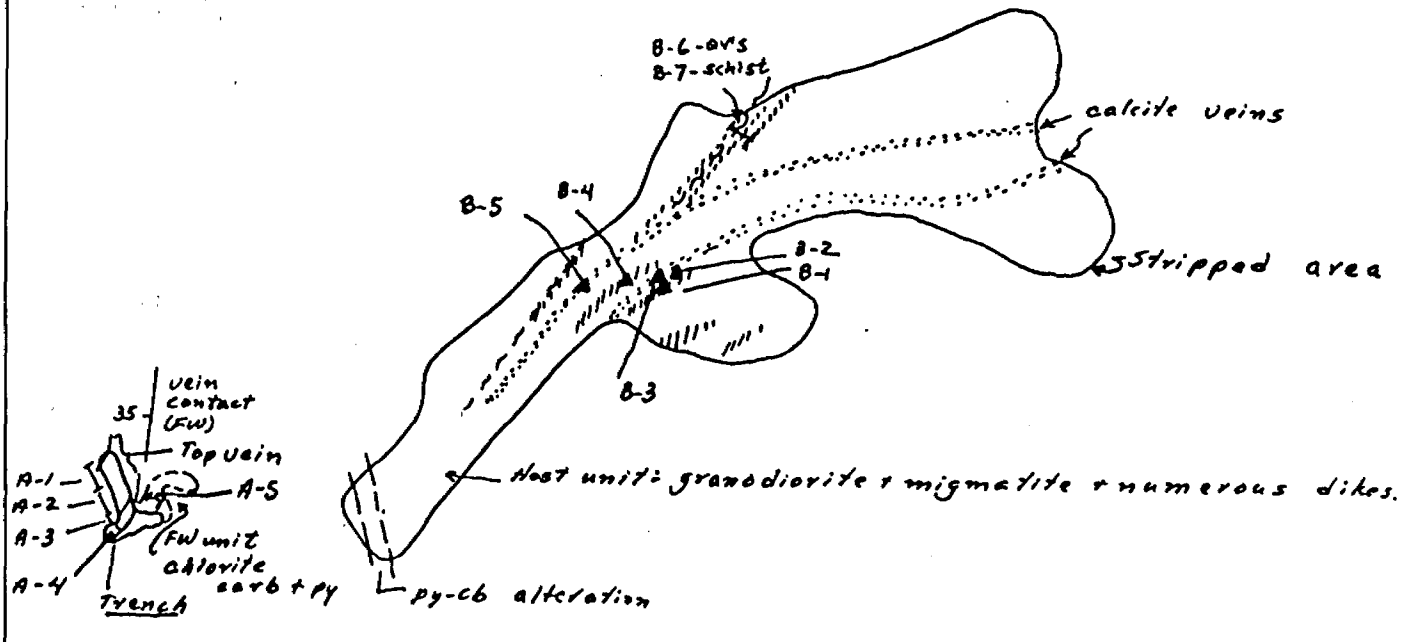


Figure J-1
Sample Location
2 claims
Jackfish Lake Property
1" = 1/4 mile
A. Pryslak - Sept 1989.



Corona Corp.		
Jackfish Lake property		
Owner: R. Hamel		
Sample Location Plan		
A. Pryslak	Sept/89	Figure 3-3

3. McKenna-McCann Property -

3.a. Introduction

This property is held by Russel Otto, a partner of Walter Ackers. It consists of ~~five~~ six claims; the shaft zone occurring on claim TB645640 and is centered approximately 3 miles NE of Schreiber. Recent work consists of a bulk sample collected from a pit put down on veins No. 9 and 10. Results are not known.

Prospecting in the area SE of the shaft (300-400m) Otto and Acker located a strong quartz-carbonate-sericite deformation zone. This feature has been labled as the McKenna shear and roughly corresponds to the Duck Creek lineament (see claim location plan).

3b. McKenna-McCann Shaft Area.

The quartz veins in this area have been extensively prospected and sampled. The veins occur in pillowed basalt flows, trend NW and dip 80° SW. They occupy brittle fracture zones within the flows and moderate chlorite-brittle alteration extends into the host units for 0.5 to 2.0 meters.

The veins vary from 0.20 to 1.0 meter in width. Acker reports that veins 8 and 9 exposed in the cross-cut are in the order of 3.0 meters.

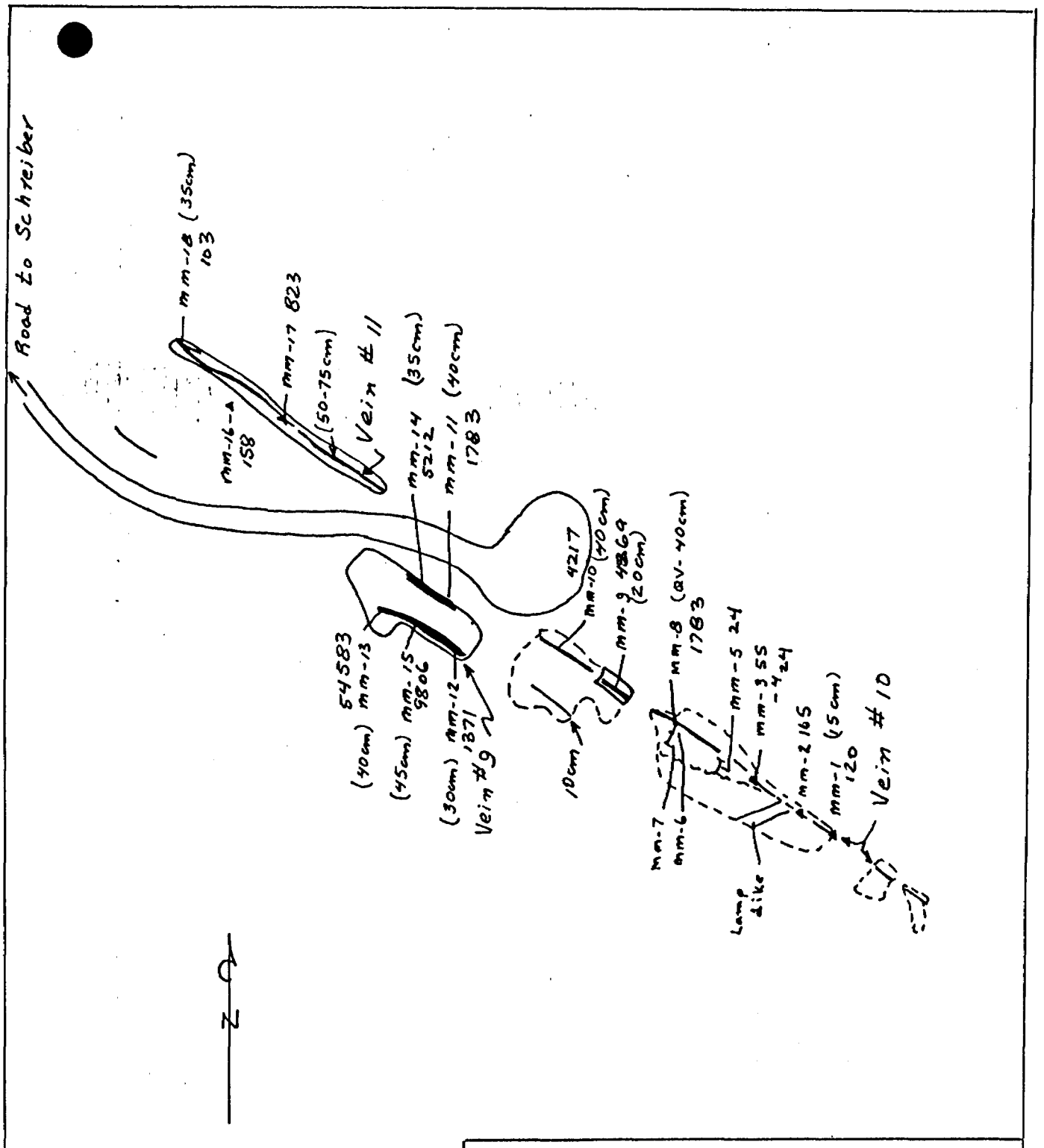
The veins are essentially massive white quartz with some banding produced by minor chlorite and tourmaline. Minor pyrite and ~~chal~~ chalcopyrite are present and the better gold values occur when the chalcopyrite content approaches 1% or better.

Three samples were collected from the No.9 vein which is 50-70 cm wide and carries 1-2% cp (Samples MM-12, 13 and 15). Sample MM-13 assayed 54 gms per tonne Au and contains better than 2% cp. Samples 12 and 15 assayed 1.3 and 9.8 gms Au, respectively.

The No. 10 vein is exposed over a strike length of 100 meters. The best assay here was 5.2 gms. Samples from the highly fractured and altered wall rock did not carry any significant values in gold.

Three samples, MM-16, 17 and 18, were collected from vein No. 11. The best value was 823 ppb from MM-17.

The quartz veins have good continuity along strike but have a very erratic distribution in gold values. Detail drilling would likely identify high grade shoots which would be conducive to a small mining operation.



Corona Corp
Property : McHenna - McCam
Location : Priske Twp.
Owner : R. Otto
Sample Location Plan
A. Pryslak – Sept. 189 | Figure MM-2

Swastika Laboratories Certificate No. 76080 Page -6-

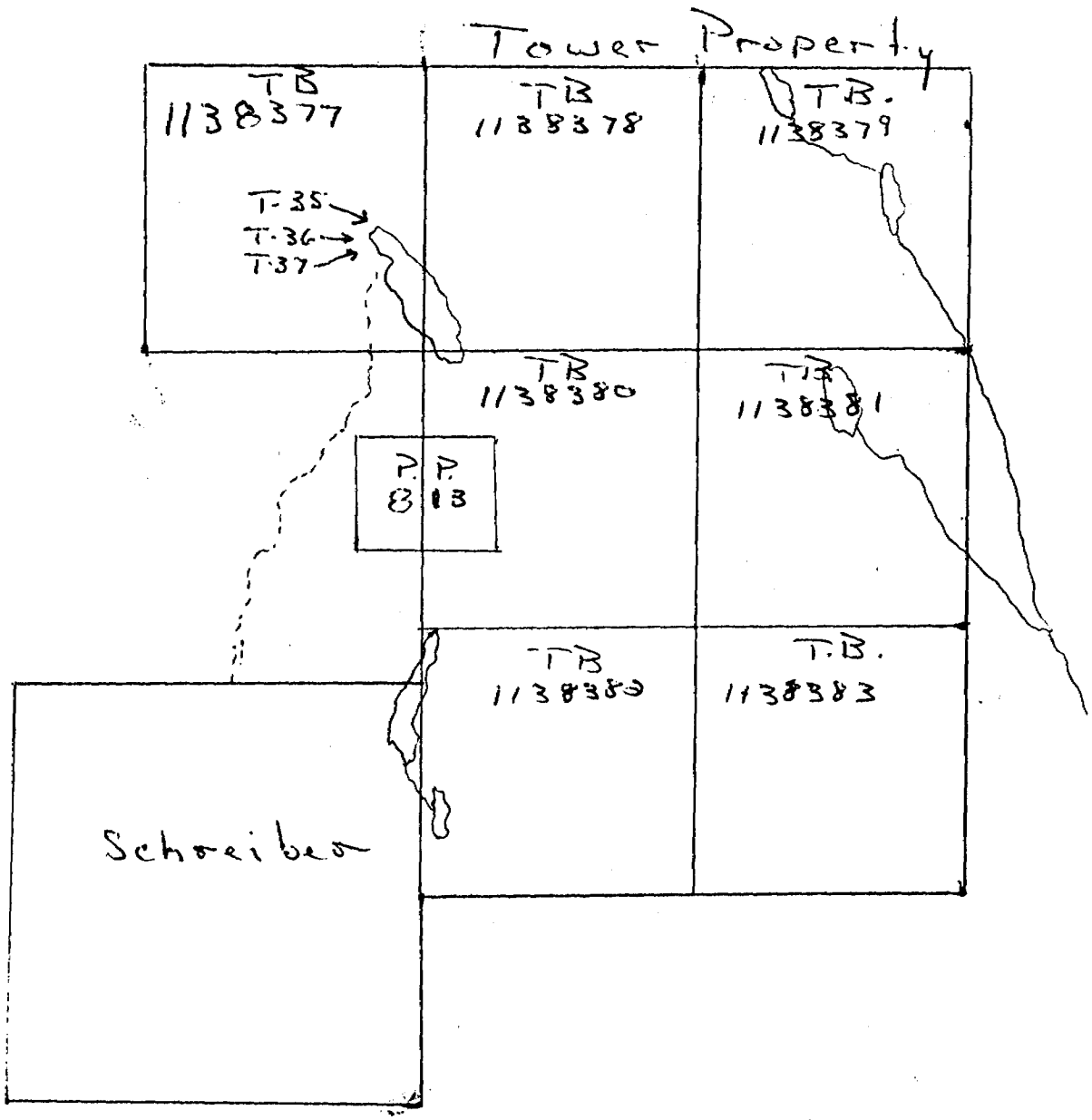
SAMPLE NO.	GOLD PPB	SILVER PPM
MM-1	120	Nil
2	165	0.1
3	55	Nil
5	24	0.1
6	72	0.1
7	65	0.2
8	1783/2126	0.6
9	4869/5623	1.1
10	4217/3223	0.8
11	1783/1920	0.4
12	1371/1440	0.3
13	54583/54172	9.2
14	5212/5486	0.5
15	9806/8777	1.2
16	158	Nil
17	823	0.3
18	103	0.4

Per G. Lebel - Manager

McKenna - McCann Samples

No	Type	Description
MM-1	0.15m chip	QV- rusty, fractured with 10% chl. inclusions as slips. Tr py.
-2	0.20m chip	QV. semi-banded grey & white qtz. with 5% Tour. 1½% py
-3	grab	chlorite schist. highly fractured with cleavages at 40° to foliation - minor rusty patches
-4	.25m chip	chlorite schist N of vein
-5	1.0m chip	chlorite schist - v. similar to No. 3 Mottled, minor qtz
-6	1.0m chip	chlorite-sericite schist - highly sheared patches & fractures with possible massive phases having matrix of fine minor carb, Tr py.
-7	1.0m chip	chlorite-ser. schist - sim. to above
-8	.35m chip	QV - white, with brownish staining & fractures minor chlorite near walls (ie crack-n-seal)
-9	.25m chip	QV - white with 10-15% black-green chl & tour blebs to 1cm. - v. irregular distribution Tr py.
-10	.35m chip	QV - white with 5% chl-tour blebs Tr py and ½% cp. in chl. seams near contact area.
-11	.50m chip	QV - white to greenish-grey with chl-tour banding diss to blebs (10%) 5% fine diss py, ½% cp.
-12	.50m chip	QV - bordered with chl. seams of 1-2 mm, Tr cp. with fine bands
-13	.40m chip	QV - white with occasional chl-Tour seams, 1% blebs of cp on fractures and with fine chl-Tour. bands.
-14	.35m chip	QV - similar to MM-11 - greyish with 5% diss py or po (rather pale color) ½% cp. - also pervasive banding of Sulphides with tour. bands at 1-5 mm.

MMM-15	0.60m chip	QV- v. sim. to MMM-14; ½%-1% cp. 2%-3% fg. 5% chl-tour. bearing.
-16	grab	QV- 10-15% chl-tour bearing [illegible] qtz- no visible sulphides
-17	.50m chip	QV- banded mobil with 2% chl-tour, 1% cp, minor fg.
-18	.30m chip	QV- ditto


Tower Property
TB 1138377
TB 1138378
TB. 1138379
T-35
T-36
T-37
TB 1138380
TB 1138381
P.P. 813
TB 1138382
T.B. 1138383
Schreiber
Township Prisko
N

T- Samples

1T-35 fractured, oxidic [illegible]

-36 "

-37 "

	Gold PPB	Silver PPM
T-35	321	0.1
T-36	321	Nil
T-37	177	Nil

Warnock Hersey Professional Services Ltd.
1154 Sanford St. Winnipeg Manitoba R3E 2Z9
Tel: (204) 786-7546 Fax: (204) 783-6437

M. Kennon

Report Date: SEPT. 7/89
P.O. No: 05055
Project No: 1236

RECEIVED ON SEPT. 6/89 FROM NORANDA THUNDER BAY

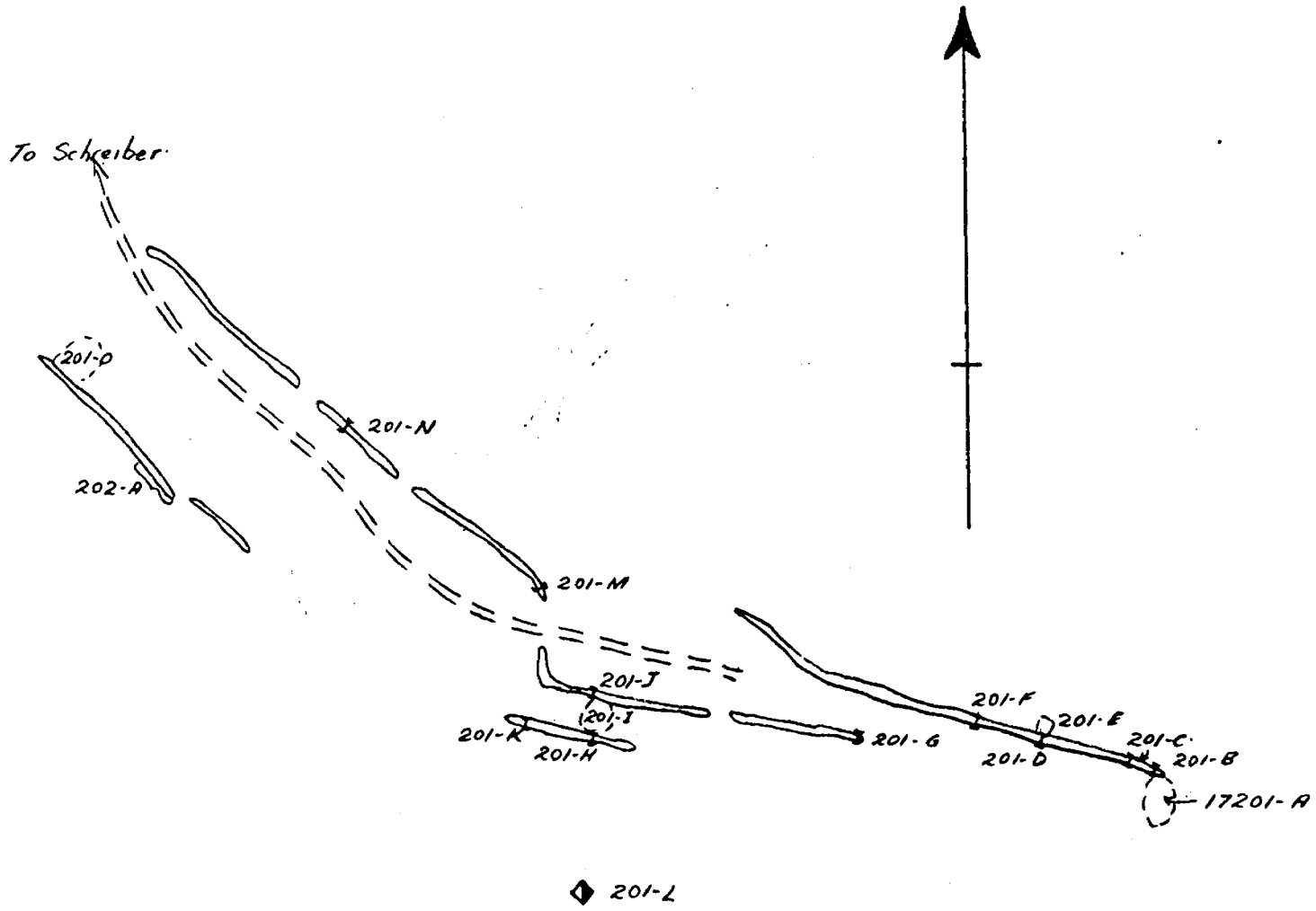
ASSAY OF 35 SAMPLE(S) ROCKS

Attention: MR. PIERCE

Laboratory Number	Marks on Sample (Field No.)	GOLD G/TONNE						
K-15521	17201-A 1	0.34						
22	B 2	1.03						
23	C 3	0.34						
24	D 4	7.54						
25	E 5	0.51						
26	F 6	22.80						
27	G 7	0.34						
28	H 8	11.66						
29	I 9	0.34						
30	J 10	14.56						
31	K 11	30.34						
32	L 12	4.80						
33	M 13	0.34						
34	N 14	0.34						
35	O 15	0.51						
36	17202-A 16	0.17						
37	B	0.17						
38	C	TRACE						
39	D	17.82						
40	E	0.17						
41	F	TRACE						
42	G	TRACE						
43	H	TRACE						
44	I	TRACE						
45	J	TRACE						
46	K	0.17						
47	L	3.77						
48	M	30.59						
49	N	1.89						
50	O	0.34						

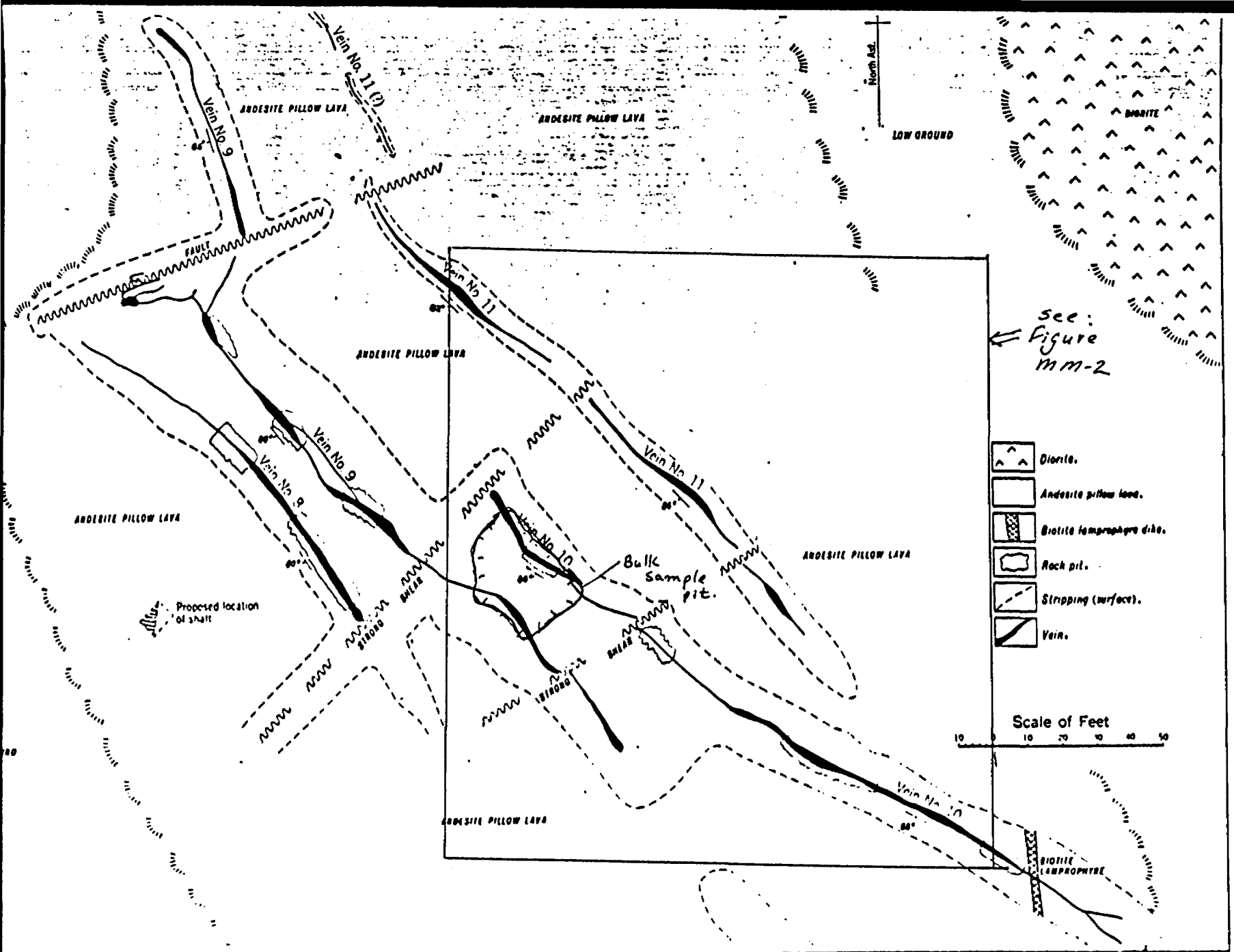
Warnock Hersey Professional Services Ltd. per

ASSoz



McKenna-McConn Prospect
Schreiber
Scale - 1:1,000

G.D. Aug '89.



Geological sketch map of the showings on the McKenna-McCann property of Cook Lake Gold Mines, Limited.

Figure mm-1

From O.D.M report - 1938 - Pl IX

4. Golden Range Property

4a - Introduction -

Nine contiguous claims comprise this property, owned by Russel Otto and Walter Heker. The claims are centered 3 miles due east of the town of Schreiber, Ontario in Priske Tp.

Three adits were driven to test the No. 2 vein in the 1930's. The latest work was carried out by Beardmore Resources (M. DeQuadros) in 1988. Some Winkie drilling was carried out in this latest exploration effort but the performance was terrible.

A total of 18 samples were collected from four various veins. Only the No. 1 vein appears to have a limited potential for a small-high grade deposit.

4b. Geology and Sampling (Figure GR-1)

Vein No. 1 is the most southerly vein and is exposed over a length of 30-40 meters. It is best exposed on the north side of a raise where it is 30 cm wide and dips 75° S. An old Sylvanite plan shows this vein to dip 60° N (appended). The vein is well mineralized with 10% pyrite and 2-4% galena. Samples GR1, 2, 3 and 5 were collected from the vein and Sample GR-4 is a 0.50 meter chip of quartz-sericite-pyrite wall rock (2.5 gms).

Vein No. 2 and the other northerly veins are very narrow, averaging 20-25 cm in width. They occur along tension fractures and are characterized by numerous inclusions of the host basalts.

Although these veins exhibit good continuity along strike they are too narrow to have any economic potential.

The most NW zone comprises of a thin sulphide-bearing sedimentary unit in the basalts. A sample from a 25cm QV assayed 150 gms/t Au. The adjoining sheared wall rocks (samples GR-9, 10) did not carry any significant values.

Golden Range Samples

Sample No.	Type	Description
GR-1	grab	No.1 vein; grey quartz with 5-8% fine py, 1% galena, Tr. sph.
-2	grab	No.1 vein; sim. to above with coarse py.
-3	0.20m chip	No 1 vein; 5-10% grey, pyritic inclusions
-4	0.30m chip	FW py-chl-ser schist; 5% py
-5	0.15m chip	No.1 vein; vuggy quartz, 2-3% py, Tr. cp.
-6	grab	North vein; 20% basalt inclusions
~~-7~~	~~grab~~	2-3% py
-7	grab	North vein; sim. to above
-8	.25m chip	siliceous, pyritic seds - some veining 10% py
-9	.25m chip	FW chlorite schist
-10	.30m chip	HW chlorite schist
-11	grab.	cherty, pyritic seds, 10% qtz veinlets, 5% py
-12	grab	greyish, bleached, silicified basalt; 5% py
-13	grab	sim. to GR-11; 5% py
-14.	grab.	highly fractured, silicified basalt, 3% py.
-15	grab	Adit No. 1 - qtz-breccia; 25% inclusions
-16	grab	Adit No. 3; qtz-breccia, Tr. py, 15% chl., trp
-17	grab	Adit No 2; qtz-cb vein, 50% inclusions
-18.	grab	Adit No 3; qtz-breccia 5% py.

Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Certificate of Analysis

Certificate No. 76232 Date Sept. 20, 1989

Received Sept. 17, 1989 68 Rock Samples

Submitted by Corona Corp., Wawa, Ontario. ATTENTION: T. Pryslak

Proj. #5021-Camp 2 File #92-0817

SAMPLE NO.	GOLD PPB	SILVER PPM
GR-1	183773/178973	147.0
2	160458/151544	370.0
3	10972/11040	11.3
4	2469/2618	7.3
5	6926/8640	8.8
6	687	1.3
7	73372/77349	37.8
8	150173/177601	40.9
9	62	0.2
10	165	0.3
11	12892/9052	5.6
12	699	0.5
13	1149/1234	1.8
14	1469/1166	0.5
15	10560/10697	17.9
16	2393/2537	8.4
17	1406/1166	0.9
18	8229/8709	5.3

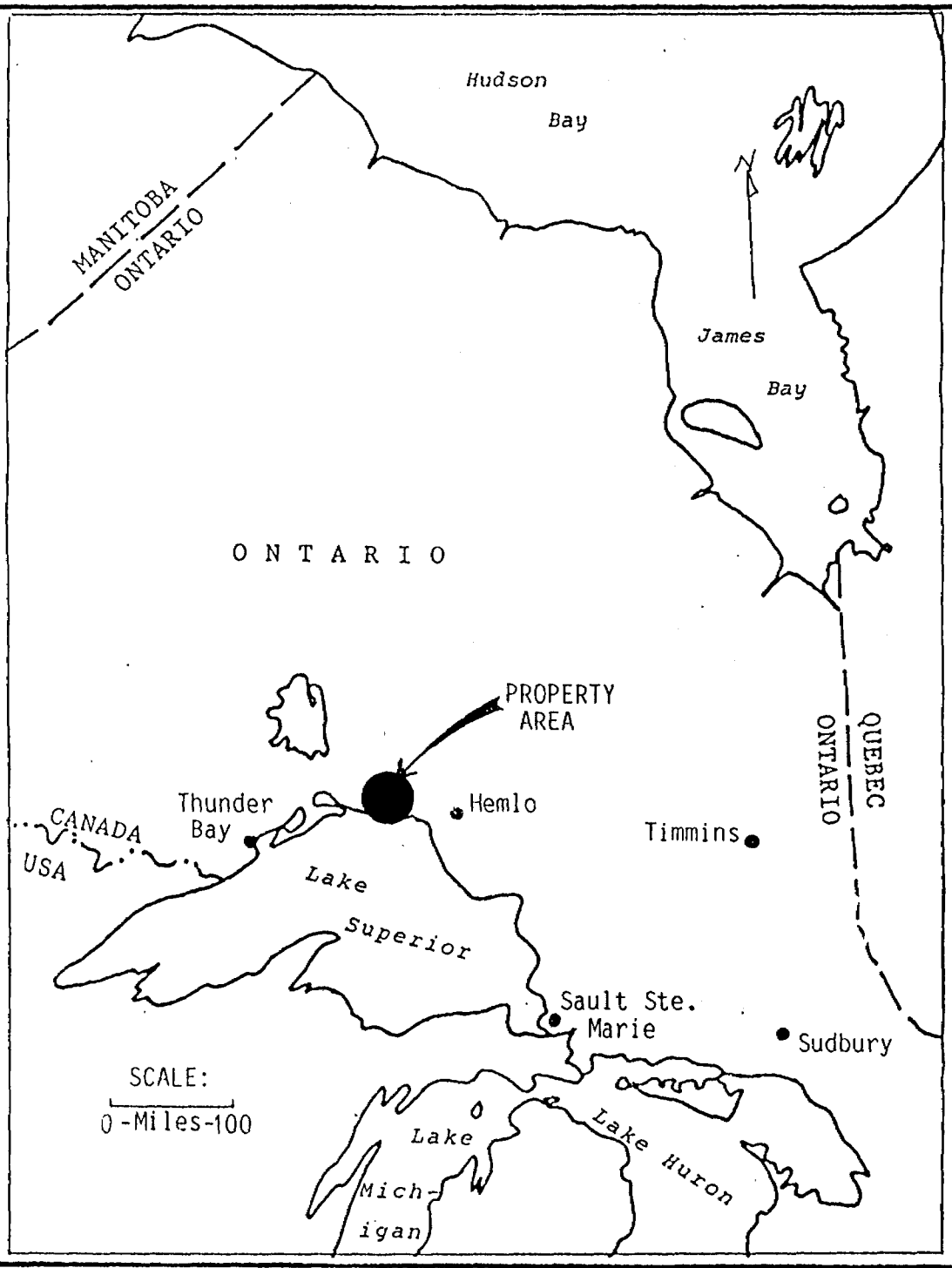
Con't.....

Per G. Lebel - Manager /ns

CTA Member Canadian Testing Association

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244. FAX (705)642-3300

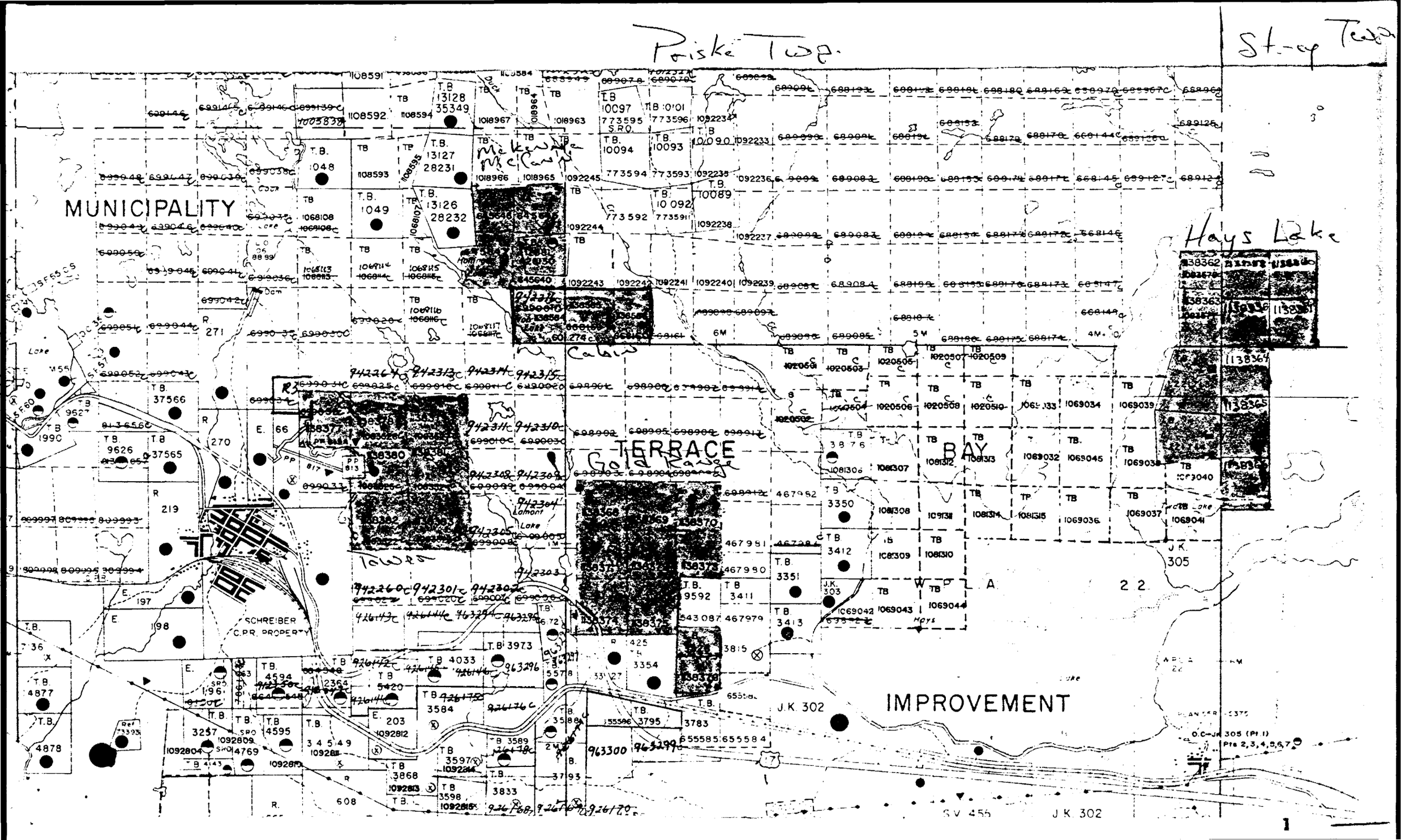


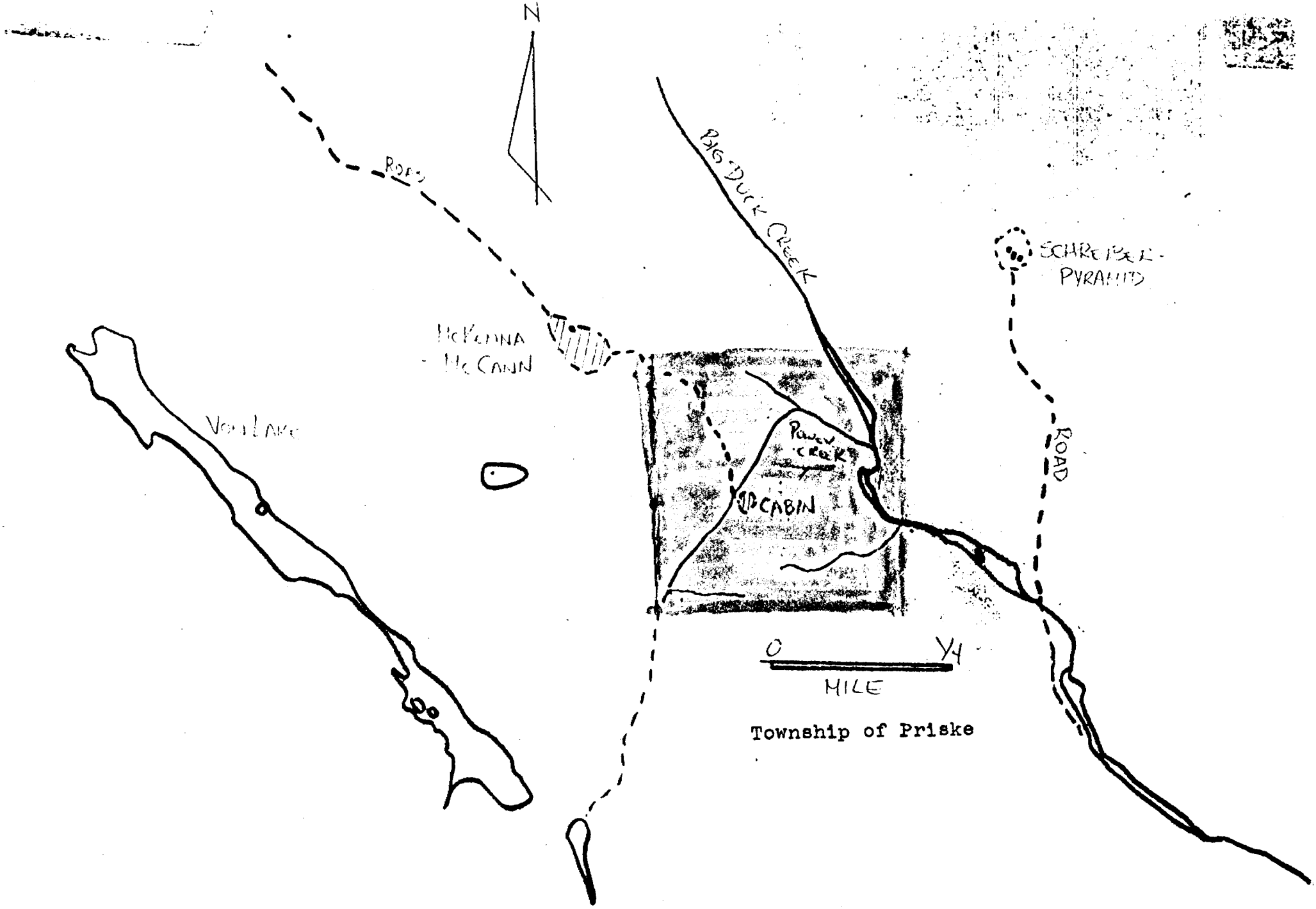
BEARDMORE RESOURCES LTD.

Location Map

Scale 1"=130 miles | Figure 1

John R. Goodwin, MSc
Consulting Geologist


Poiske Twp.
St-4 Twp
MUNICIPALITY
TERRACE BAY
IMPROVEMENT
Hays Lake
Gold Range
Lake
SCHREIBER
C.P.R. PROPERTY
Ref 73393
J.K. 302
J.K. 305
S.V. 455
J.K. 302
1



Township of Priske

3.C McKenna Shear (Figure MM-3)

The claim map illustrates two NW trending lineaments, one on either side of the McKenna-McCann shaft. These correspond the the Duck Creek trend and the Hollinger-Van Lake's feature to the SE. The McKenna shear is part of the Duck Creek trend.

Numerous old pits have been put down on the shear which is characterized by strong carbonate-sericite alteration. Minor silicification and pyrite are also noted.

Samples MS-1 to 14, inclusive were collected from this area. All values were low. Samples MS-13 and 14 are from a silicified area exposed in an old pit where Acker reported a previous assay of 0.09 opt Au.

The character of the rocks suggests a major deformation zone trends along Duck Creek. Further exploration is warranted on this structure.

McKenna - McCann Samples; McKenna Shear

Sample No	Type	Description
MS - 1	0.25m chip	gossaned, siliceous sed; heavily cb, 3-5% py- 20% qvts.
-2	1.0m chip	grey, carbonated sed, minor qv, 2-3% py-
-3	1.0m chip	grey-green, finely banded sed, minor cb, 1-2%
-4	grab	beige, cb-ser schist
-5	grab.	" ;5% fg-cb veinlets
-6	1.0m chip	" "
-7	1.0m chip	carbonated, massive intermediate breccia
-8	1.0m chip	v.hi sheared, cb, 1-2% py-
-9	1.0m chip	highly sheared, cb unit, 2-3% py-
-10	grab	cb-ser schist
-11	grab	cb-ser schist; 1% py-
-12	grab	ditto
-13	grab	silicified volcanics; 5% py; v.hard, brittle unit
-14	grab	chl-ser-cb schist. 1% py.

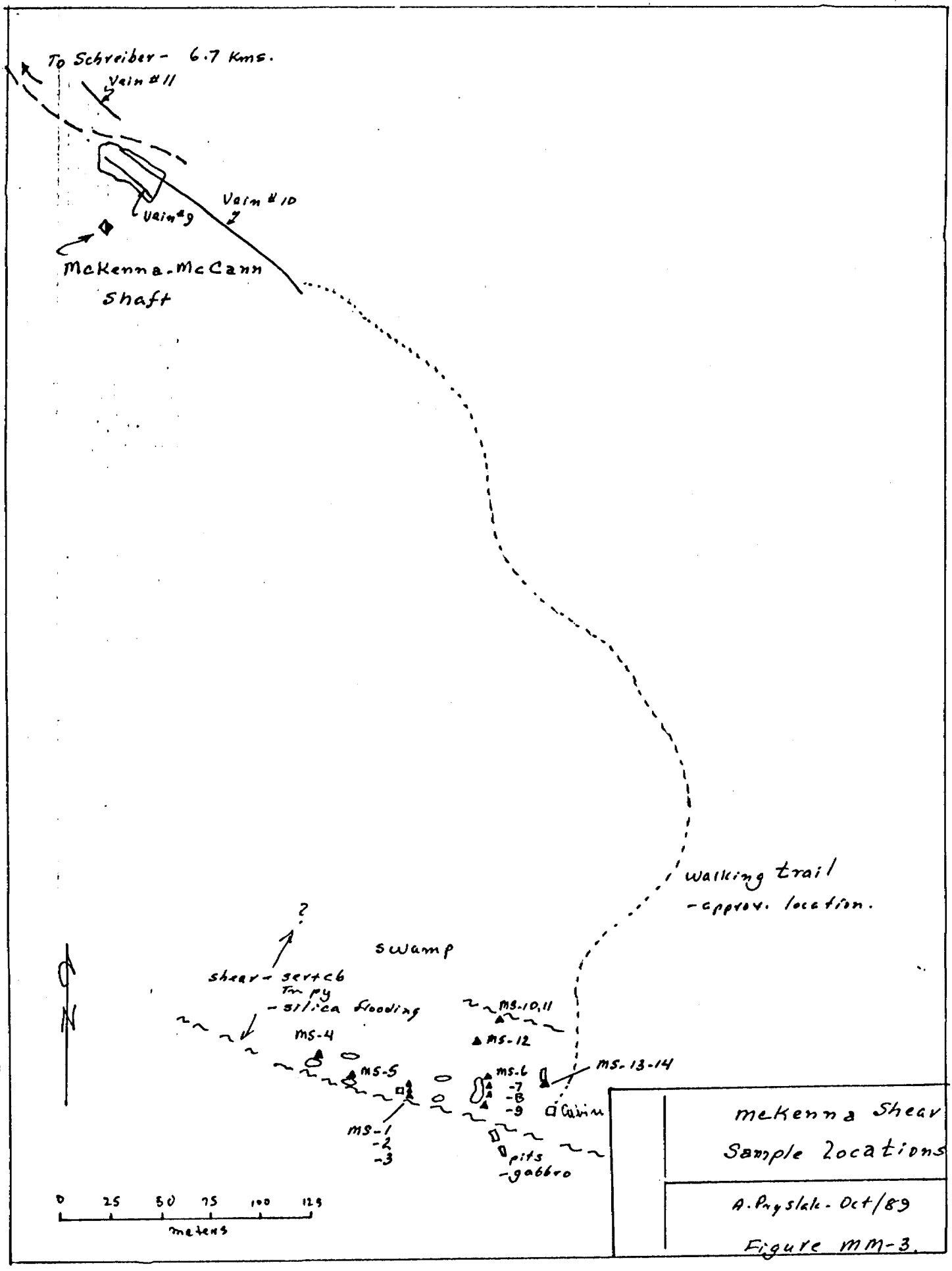
Swastika Laboratories Certificate No. 76232 Page -4-

McKenna - MacCann Ltd

SAMPLE NO.	GOLD PPB	SILVER PPM
MS-1	9	0.1
2	17	0.1
3	24/21	0.3
4	1	0.1
5	21	0.1
6	10	0.1
7	21	0.1
8	12	0.1
9	9	0.1
10	15	0.1
11	12	0.1
12	15	0.1
13	17	0.4
14	5	0.1

Con't.....

Per G. Lebel - Manager


To Schreiber - 6.7 Kms.
Vein #11
Vein #10
Vein #9
McKenna-McCann Shaft
walking trail - approx. location.
?
swamp
shear - sericite Tr py - silica flooding
MS-4
MS-5
MS-1 -2 -3
MS-10,11
MS-12
MS-6 -7 -8 -9
MS-13-14
Cabin
pits - gabbro
N
0 25 50 75 100 125
metres
McKenna Shear Sample Locations
A. Pryslak - Oct/89
Figure MM-3.

NORANDA MINES LIMITED
(GECO DIVISION)

Cabin

G-45

ASSAY SHEET

Date Oct 18/89 19

Sample No.	Lab. No.		Description	% Cu	% Zn	Oz/Ton Ag	Oz/Ton Au	% Pb	% FeS_2	% $Fe_{12}S$
1A			Geco Ex (P)	0.04	0.01	0.03	ND			
2A			Walter Acter	0.02	0.02	0.03	ND			
3A				0.01	0.01	0.00	ND			
4A				0.00	0.04	0.03	ND			
1B				0.26	0.01	0.07	0.01			
2B				0.41	0.03	0.10	ND			
3B				0.16	0.01	0.06	0.005			
4B				0.08	0.00	0.02	ND			
5B				0.06	0.02	0.10	0.01			
6B				0.03	0.00	0.02	ND			
7B				0.01	0.01	0.02	0.005			
8B				0.46	0.02	0.07	ND			
10B				0.05	0.02	0.03	0.005			
11B				0.03	0.01	0.02	0.00			
#1+#1plus				0.01	0.00	0.01	ND			
W1				0.02	0.02	0.02	ND			

NORANDA MINES LIMITED
(GECO DIVISION)

G-45

ASSAY SHEET

Date Oct 3/89 19

Sample No.	Lab. No.		Description	% Cu	% Zn	Oz/Ton Ag	Oz/Ton Au	% Pb	% FeS_2	% $Fe_{12}S_{18}$
10880			Geco Ex (P)	0.02	0.01	0.07	ND			
81				0.01	0.01	0.07	ND			
82				0.01	0.01	0.06	ND			
83			Water After	0.01	0.00	0.08	ND			
84				0.01	0.00	0.04	ND			
85				0.01	0.01	0.09	ND			
86				0.02	0.02	0.05	ND			
87				0.01	0.00	0.00	ND			

ACCURASSAY LABORATORIES LTD.

P.O. BOX 604
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J5
TEL.: (705) 567-6343

Cabin Pr.

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

31015 B. R. Schnieders
Ministry of Mines
Mines and Minerals Division
435 James Street South
THUNDER BAY, ONTARIO
P7C 5G6

Date: October 24 19 89

Work Order # : T890477
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold Oz/T	Gold ppb	
510264	1	0.001	20	
510265	4	<0.001	13	
510266	7	0.001	27	
510267	8	0.004	143	
510267	8	0.005	156	Check

LF-30

Per: Andrew Smith

ORIGINAL

Ministry of
Northern Development
and Mines

Ontario

Laboratory Report

Date Nov. 9/89

Issued To: Mark Smyk, M.N.D.M., P.O. Box 5000, Thunder Bay, Ont. P7C 5G6

Client/Property Name: Walter Acker/ Hays Lake

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	Cabin Property
89 BWA -01	0.03	< 0.10	
-02	0.01	< 0.10	

Ontario

Sample No.	Location, Latitude and Longitude	Rock Name (Field)	Work Requested and further Information	Laboratory Instructions	Lab No.
89BWA-1	~~Hawk~~ Lake W. ACKER	Volcanic (Gossan)	Analyse for Au, Ag	Rusty gossan, qvartz vein, coarse PY	
89BWA-2	Cabin	Volcanic (Gossan)	Analyse for Au, Ag	weathered PY, gossan, shear zone Porphyry	

please forward results to:

MARK SMYK
ONTARIO GOVERNMENT BUILDING
RESIDENT GEOLOGISTS OFFICE
MINISTRY OF NORTHERN DEVELOPMENT & MINES
P.O. BOX 5000
THUNDER BAY, ONTARIO P7C 5G6

Date Received:

Sample Prep. Directions: Sent Sept 28/89

Deadline:

Job Issued:

Ministry of
Northern Development
and Mines
Ontario

Temiskaming
Testing
Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 679-8313

Report Number
CB 11093

Laboratory Report

Date Oct. 24, 1989.

Issued To: Mr. Mark Smyk, Resident Geologists Office, M.N.D.M., P.O. Box 5000, Thunder Bay, Ont. P7C 5G6

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	Cabin Property
89BAO-01	0.006	Trace	AUGER-OTTO
89BAO-02	Nil	Nil	
89BAO-03	0.004	Trace	
89BAO-04	0.002	Nil	
89BAO-05	Trace	Nil	
89BPC-01	Nil	Nil	" "
89BPC-02	0.021	Nil	'POWER CK'
89BPC-03	0.003	Nil	
89BPC-04	0.066	Trace	
89BPC-05	0.004	Nil	
89BPC-06	0.013	Nil	
89BPC-07	0.015	Nil	

s Received Ministry

L.mcnaught for L.Owsiacki
Manager (Acting)

Ontario Resources Branch Submitted by: MARK SMYK Project No. only

Sample No.	Location, Latitude and Longitude	Rock Name (Field)	Work Requested and further Information	Laboratory Instructions	Lab No.
89BAO-01	WATTERACKER / RUSSELL OTTO SOUTH OF McKENNA-McCANN	METAVOLCANIC	Please Assay for: Au, Ag	epidotized, mildly carbonatized, sheared mafic volc's. w/ small qtz stringers ± py	
89BAO-02	" FLOAT - NORTH OF -01 "	QUARTZ VEIN	" " : Au, Ag	bull white, locally crack-seal q.v. boulder ± calcite, minor pyrite grains << 1%	
89BAO-03	" TRENCH ; NORTH END "	METAVOLCANIC	" " : Au, Ag	rusty, fissile, carbonatized mafic volcs w/ pods of quartz + carbonate (brown) ± py ± cpy	
89BAO-04	" PIT, NEAR CABIN "	IRON FORMATION	" " : Au, Ag	rusty, white - grey sugary thinly bedded chert + py bands (sulphide facies)	
89BAO-05	" 'CABIN' VEIN "	QUARTZ VEIN	" " : Au, Ag	bull white to rusty sugary qtz. w bx'ed angular volc. fragments, diss py < 1%	
89BPC-01	" POWER CREEK - FLOAT "	QUARTZ VEIN	" " : Au, Ag	bull white qtz + rusty orange carb, bx'ed BIF w/ long [illegible] crack-seal tourmaline seams [illegible]	[illegible]
89BPC-02	" " "	Qtz Carb - VEIN	" " : Au, Ag	sugary massive to sparry calcite w/ reticulate py ≤ 1% qtz stringers + drusy tourmaline, rusty weathering	
89BPC-03	POWER CREEK	QUARTZ VEIN	" " : Au, Ag	bull white quartz ± carb w/ "crack seal" tourmaline, drusy tour. minor py	
89BPC-04	POWER CREEK	BANDED IRON FORMATION	" " : Au, Ag	thinly bedded jasper - magnetite IF w/ minor porphyroblasts (euhedral) + veinlet py ≤ 2%	
89BPC-05	POWER CREEK	QUARTZ VEIN	" " : Au, Ag	bull white narrow qtz stringers in foliated jasper, chloritic, carbonatized volcs w/ diss py ≤ 1%	
89BPC-06	POWER CREEK	WACKE (?)	" " : Au, Ag	massive, m.g. w/ pink feldspar clasts (phenocrysts?) + calc, carbonatized, fol ± amphibole p.d.o., green mica py on [illegible]	
89BPC-07	POWER CREEK	BIF/QTZ. VEIN	" " : Au, Ag	bx'ed jasper - mag ± BIF. w/ irreg. anastomosing qtz stringers + veinlet pyrite + euhedral py	
				please forward results to:	
				MARK SMYK	

ONTARIO GOVERNMENT BUILDING
RESIDENT GEOLOGIST'S OFFICE
MINISTRY OF NORTHERN DEVELOPMENT & MINES
P.O. BOX 5000
THUNDER BAY, ONTARIO P7C 5G5

Date Received:

Sample Prep. Directions: SUBMITTED OCT. 19

Deadline:

Job Issued:

Ministry of Northern Development and Mines
Ontario

Temiskaming Testing Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 679-8313

Report Number
CB 11075

Laboratory Report

Date Oct. 13/89.

Issued To: Mark Smyk, Resident Geologist Office, M.N.D.M., P.O. Box 5000, Thunder Bay, Ont. P7C 5G6

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	W 2 and Cabin
89-BWA-07	0.001	Nil	
89-BWA-08	0.003	Trace	
89-BWA-09	0.001	Nil	
89-BWA-10	0.002	Nil	
89-BWA-11	0.004	Trace	
89-BWA-12	NIl	Nil	
89-BWA-13	Nil	Nil	
89-BWA-14	0.002	Nil	
89-BWA-15	0.002	Trace	
89-BWA-16	0.002	Trace	
89-BWA-17	Trace	Trace	
89-BWA-18	Trace	Nil	
89-BWA-19	Trace	Nil	

RECEIVED
OCT 16 1989

Fees Received Ministry

L. McNaught for L.Owsiacki
Manager (Acting)

Ontario

Sample No.	Location, Latitude and Longitude	Rock Name (Field)	Work Requested and further Information	Laboratory Instructions	Lab No.
89BWA-07	WALTER ACKER - SCHREIBER 'WZ' SHEAR ZONE	QUARTZ-FELDSPAR PORPHYRY	Please Assay for: Au. Ag	pink-white-weathering, dk grey-black matrix to quartz, biotite and white ad pink feld. phens.	f.g. diss py on joints
89BWA-08	" " "	QUARTZ VEIN	" : Au. Ag	ribboned "mylonitic" f.g. recrystallized quartz - grey-white ro carb, minor py	
89BWA-09	" " "	METAVOLCANICS	" : Au. Ag	f.g. dark green matic m.v., locally foliated, magnetic, diss. py + py seams locally	
89BWA-10	" " "	QUARTZ VEIN	" : Au. Ag	recrystallized sugary white-grey q.v in shear zone, vein ≤ 2cm, py diss	≤2%
89BWA-11	" " "	METAVOLCANICS	" : Au. Ag	Extremely rusty, limonitic, fissile m.v. in shear zone, no carbonate, ± qtz.	
89BWA-12	"C SAMPLE" HAYS LAKE	META ANDESITE	" : Au. Ag	carbonatized along jnts. fract, grey-green andesite, locally fissile, rusty w/ narrow q.v. ≤ 2%	
89BWA-13	" McKENNA-McCANN	BANDED IRON FORMATION	" : Au. Ag	thinly banded magnetite-chert IF minor carb^n: locally rusty, no visible sulphides	
89BWA-14	" SOUTH CLAIM LINE	META ANDESITE	" : Au. Ag	foliated grey-green metaandesite strongly carbonatized, locally rusty, rare f.g. diss py	
89BWA-15	" MSH A-1 "	META ANDESITE	" : Au. Ag	f.g. grey-green metaandesite, moderately carbonatized, some rusty patches, qtz eyes	
89BWA-16	" MSH A-2 "	META ANDESITE	" : Au. Ag	massive grey-green, locally carbonatized irreg. qtz. stringers, f.g. diss py ≤ 1%	
89BWA-17	" MSH A-3 TRENCH "	META VOLCANICS	" : Au. Ag	rusty, minor carbonate, fissile m.v. little diss. py, orangey-limonitic gossan	
89BWA-18	" MSH A-4 TRENCH "	METAANDESITE	" : Au. Ag	locally rusty, fissile meta and., local carbonatization, q.v. minor diss py.	
89BWA-19	" MSH-A-5 "	METAANDESITE	" : Au. Ag	fairly massive green-grey andesite strong f.g. carbonate alt^n, no visible sulphides	
				please forward results to:	

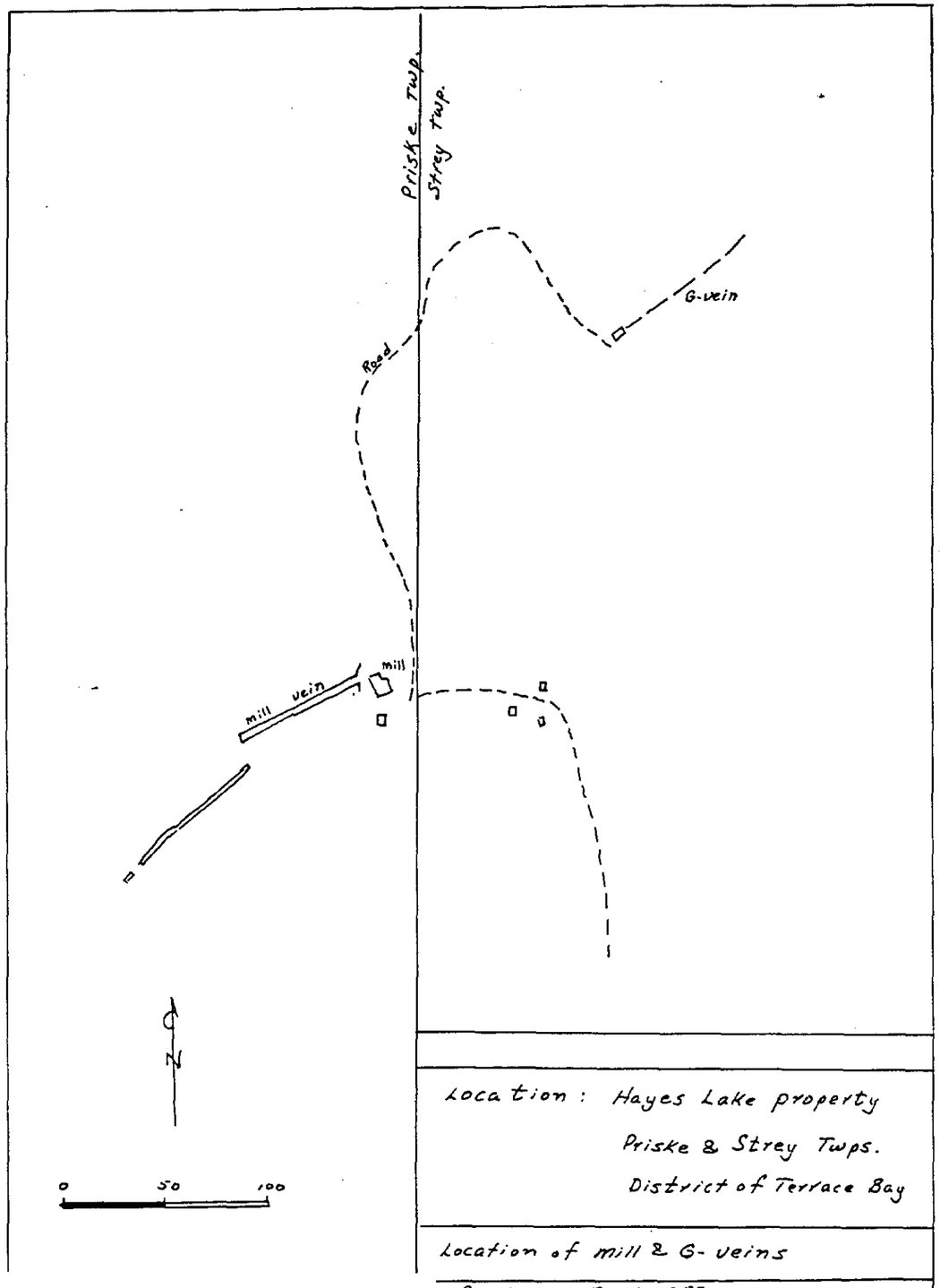
MARK SMYK
ONTARIO GOVERNMENT BUILDING
RESIDENT GEOLOGIST'S OFFICE
MINISTRY OF NORTHERN DEVELOPMENT & MINES
P.O. BOX 5000
THUNDER BAY, ONTARIO P7C 5G5

Date Received:

Sample Prep. Directions:

Deadline:

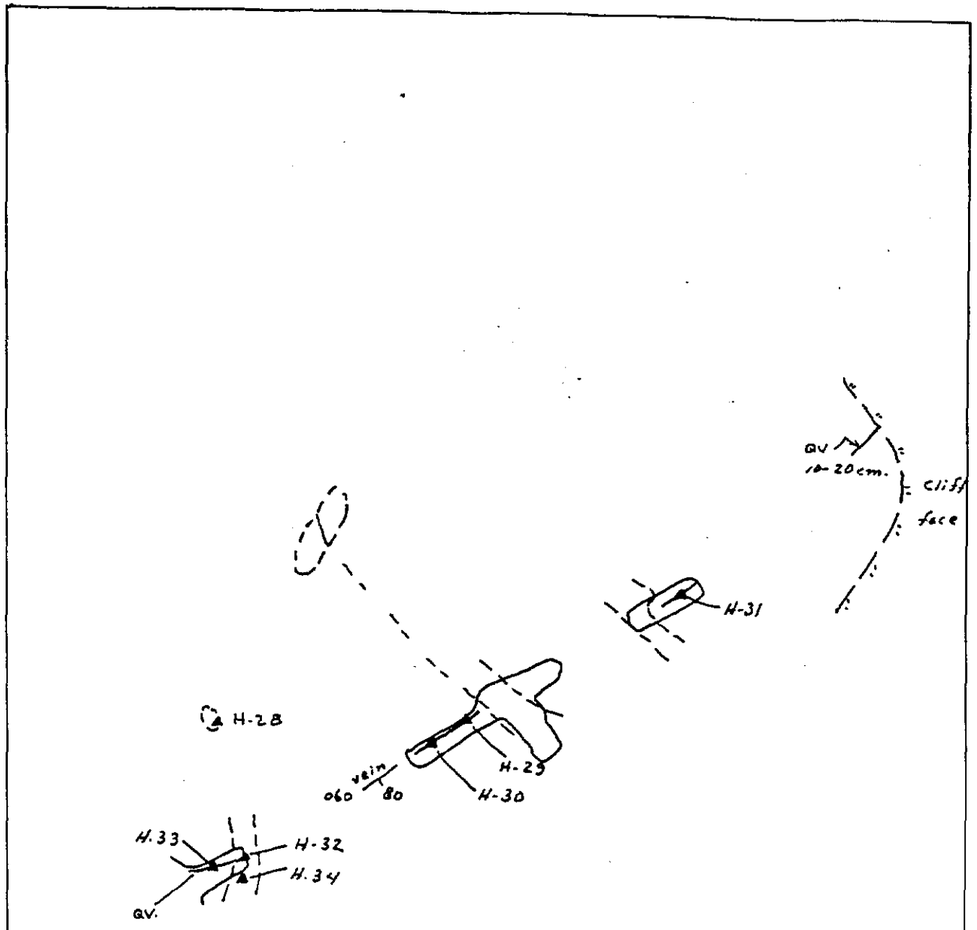
Job Issued:



Location: Hayes Lake property
Priske & Strey Twps.
District of Terrace Bay

Location of mill & G-veins

A. Pryslak - Sept. 1989



OP 89-144 63.5565

Corona Corp.

Property: Hays Lake-G-vein

Location: Strey twp.
District of Terrace Bay

Owner: W. Acker

Sample Location Plan

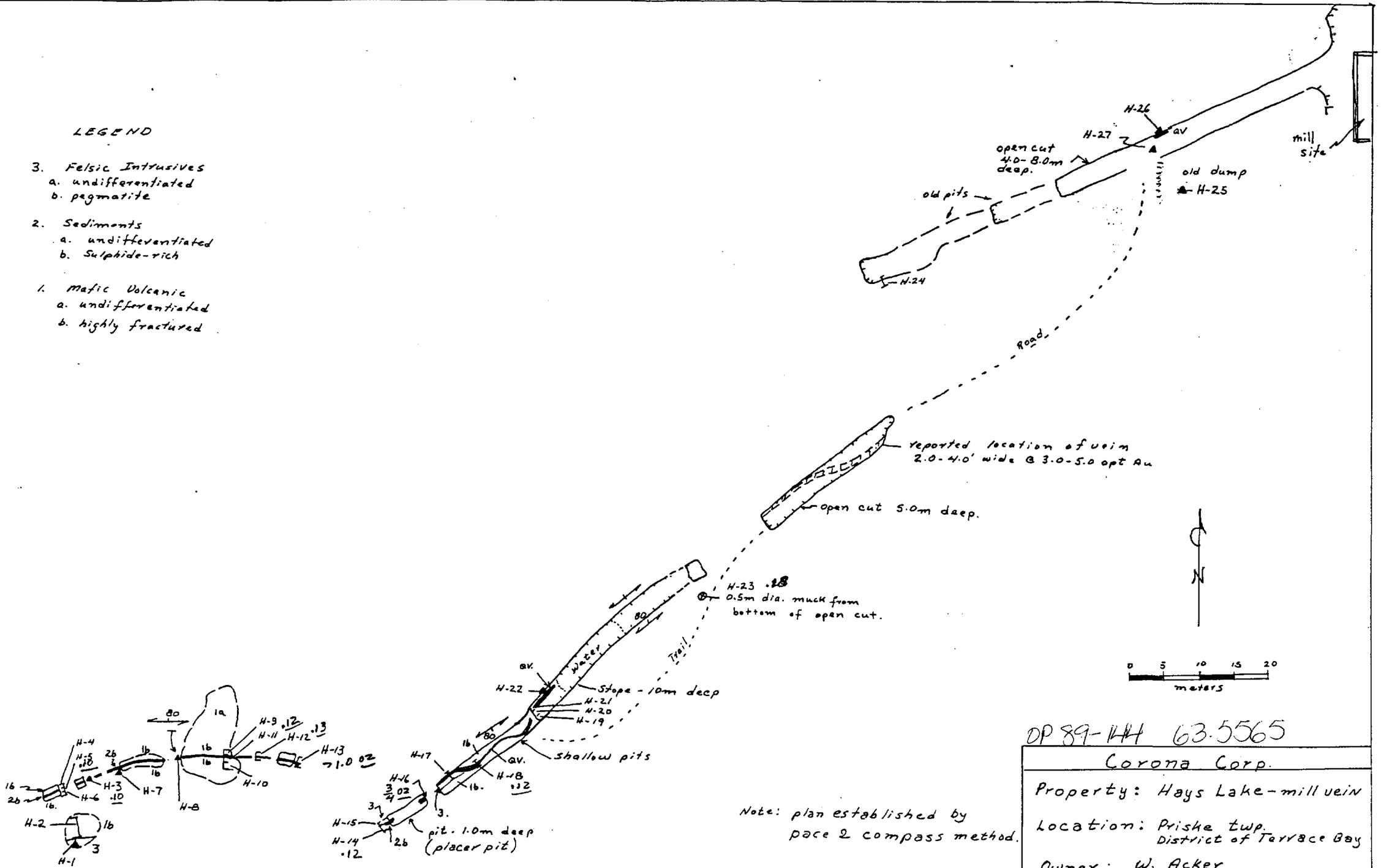
A. P. Pryslak - Sept - 1989

LEGEND

3. Felsic Intrusives
   a. undifferentiated
   b. pegmatite

2. Sediments
   a. undifferentiated
   b. Sulphide-rich

1. Mafic Volcanic
   a. undifferentiated
   b. highly fractured



DP 89-144 63.5565

Corona Corp.

Property: Hays Lake-mill vein

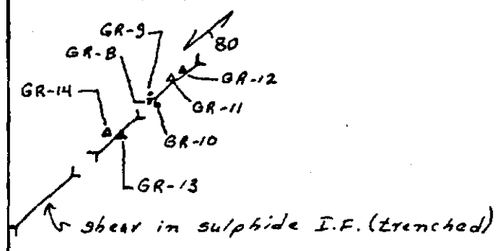
Location: Prishe twp.
District of Terrace Bay

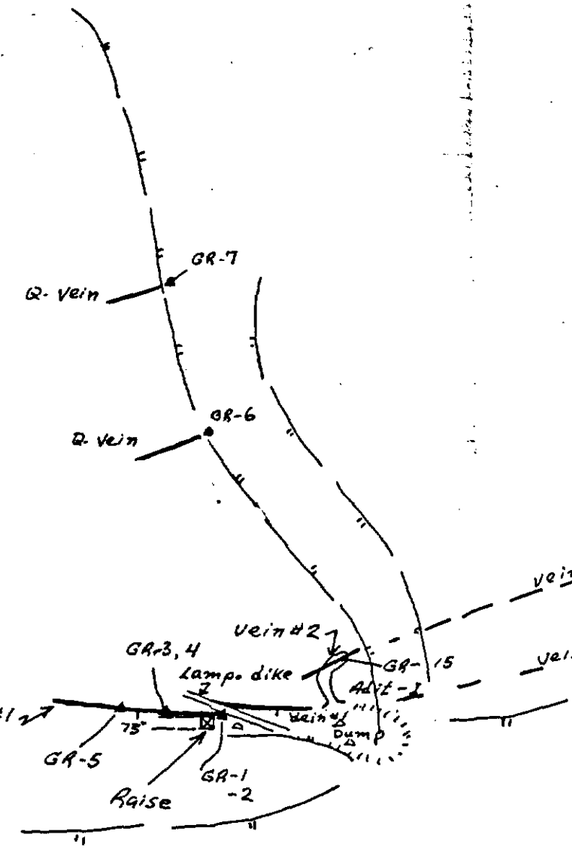
Owner: W. Acker

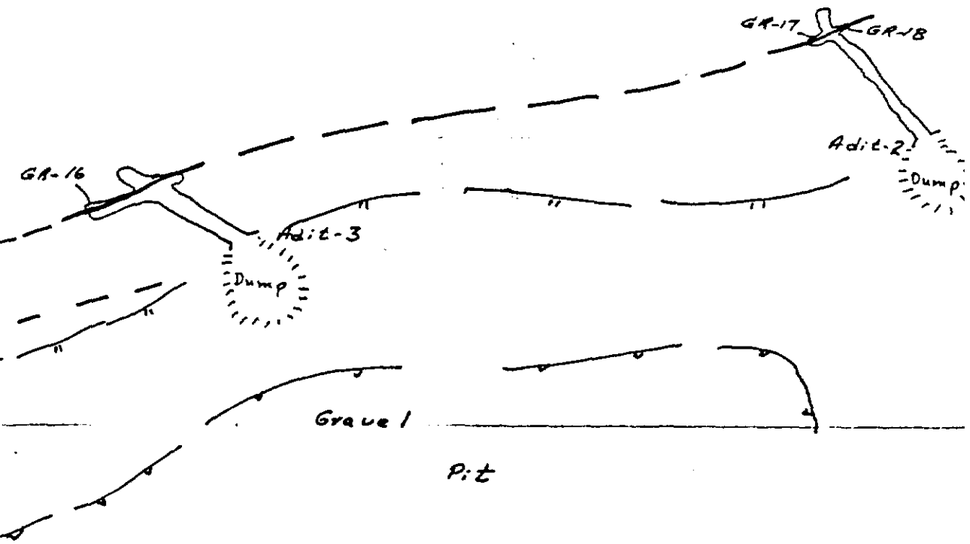
Sample Location Plan

A. P. Pryslak - Sept 189

Note: plan established by pace & compass method.







Corona Corp.

Golden Range Property

Schreiber, Ontario

Sample Location Plan

A. Pryslak - Oct. /89 | Figure GR-1

10+00N

9+50N

9+00N

8+50N

8+00N

7+50N

7+00N

Stripped AREA

diorite

diorite dump

J-13

J-11

J-12

J-10

J-14
-15
-16
-17

dio.

QP.

dio.

qv

dio.

grdi.

dio.

J-18

chl-cb schist

J-21

J-19

J-20

Ironstone

Road

pit

J-8
J-7
J-6

fol. dio.

J-5

J-4

J-3

J-2

25°

pit

J-1

biotitic - fol. dio.

pit.

qv.

white qv. - barren.

J-9

E 50 E 50 E 50 E 50 E 50

Corona Corp

Jackfish Lake -
Hamel Property
Terrace Bay

Figure J-2