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Diamond Drilling Report

Cool, Hot, Warm, Yak, Canam Mineral Claims

Fort Steele Mining Division, B.C.

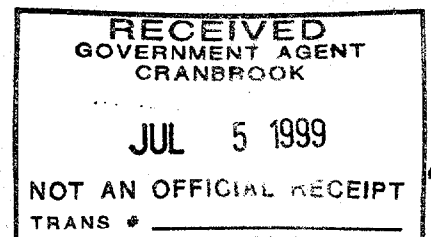
NTS 82G/4W

Latitude 49°05'N, Longitude 115°55'E

Report by: G.Rodgers, P.Eng.
P.O. Box 63,
Skookumchuck, B.C. V0B 2E0

For: Abitibi Mining Corp. (Operator)
P.O. Box 215,
Cranbrook, B.C. VIC 4H7

Owner: Abitibi Mining Corp.



June 15, 1999

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25.943

(i)

Summary

Three diamond drill holes were drilled by Abitibi Mining Corp. on the eastern slope of Mt. Mahon adjacent to previous hole # YA-6 drilled by Falconbridge in 1979 on an EM anomaly. The 1979 drill hole intercepted 7m of semi-massive sulphide at 23m depth. The 1998 drilling verified the nature of this sulphide mineralization. It is recommended to deepen hole Y98-1 approximately 300m to the Lower- Middle Aldridge contact (Sullivan Time).

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(1)

1.0 Introduction

1.1 Location and Access

The claims are located approximately 15km east of the town of Yahk, B.C.. The claims are located along Hawkins Creek north to Mt.Manson and east to Cold Creek. Access is via the Hawkin's Creek and Cold Creek Forest Roads. Terrain is relatively flat and densely wooded with many logged areas.

1.2 History

The Mt.Mahon area has been the focus of exploration by St.Eugene Mining Corp., Falconbridge, Chevron Minerals and Minova (Inmet) between 1979 and early 1990's.

1.3 Economic Assessment

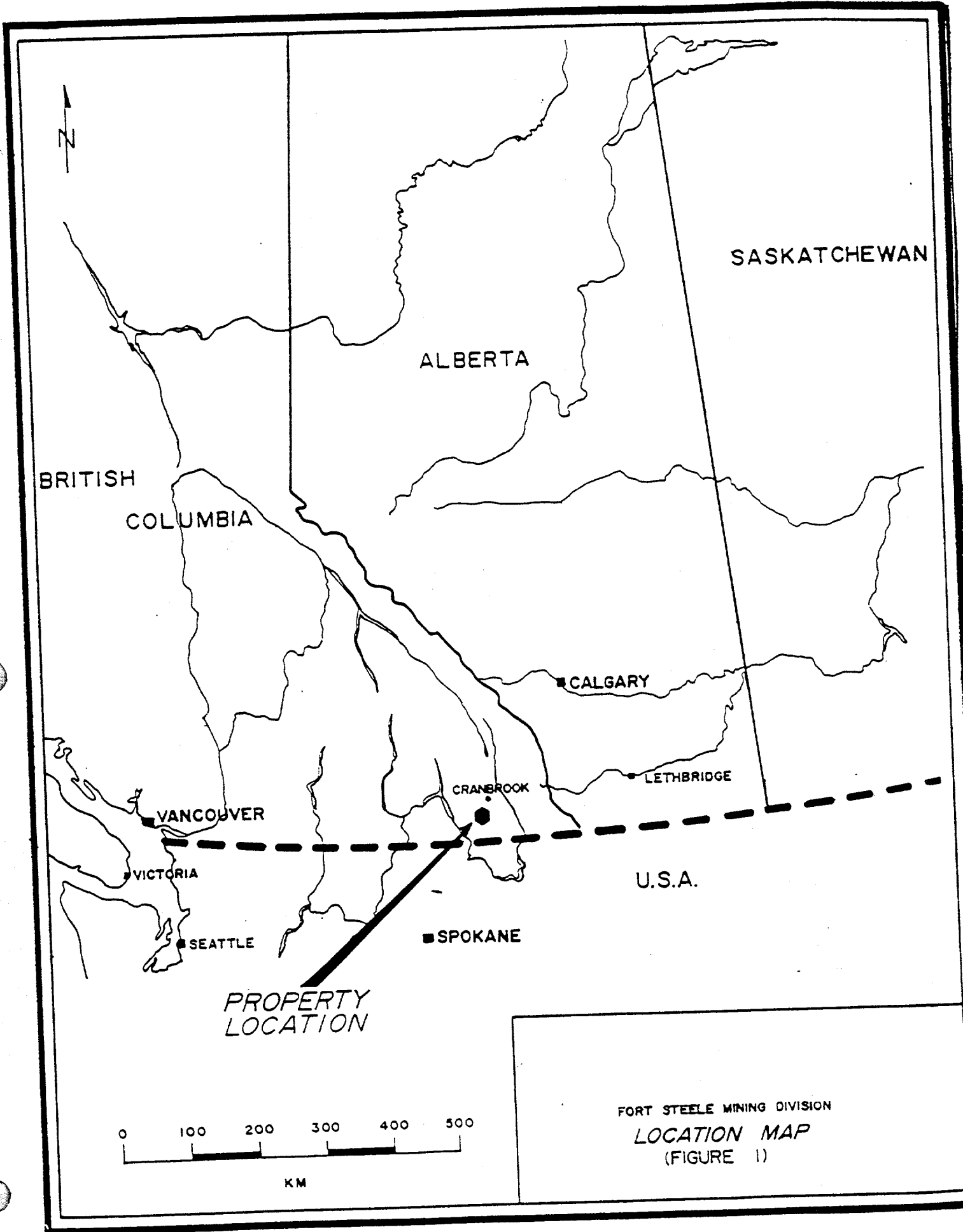
The claims overlay stratigraphy thought to be prospective for base metal mineralization. The middle Aldridge Formation underlies the claims. This environment hosted the 160 million tonne Sullivan Pb,Zn,Ag deposit worth approximately \$20billion.

1.4 New Work Performed and Objectives

During 1998 diamond drilling totaling 304.2 meters in three holes was done in order to confirm and test a sulphide rich horizon discovered by Falconbridge in 1979.

1.5 Claim Status

The Yahk claim block belonging to Abitibi Mining Corp consists of over 650 claim units. The claims that this assessment report pertains to are listed on the Statement of Work (s) # 3132199. Fig.2a is a claim map showing the immediate claims worked on. Fig.4 (in pocket) shows the entire claim block belonging to Abitibi Mining Corp..



FORT STEELE MINING DIVISION
LOCATION MAP
(FIGURE 1)

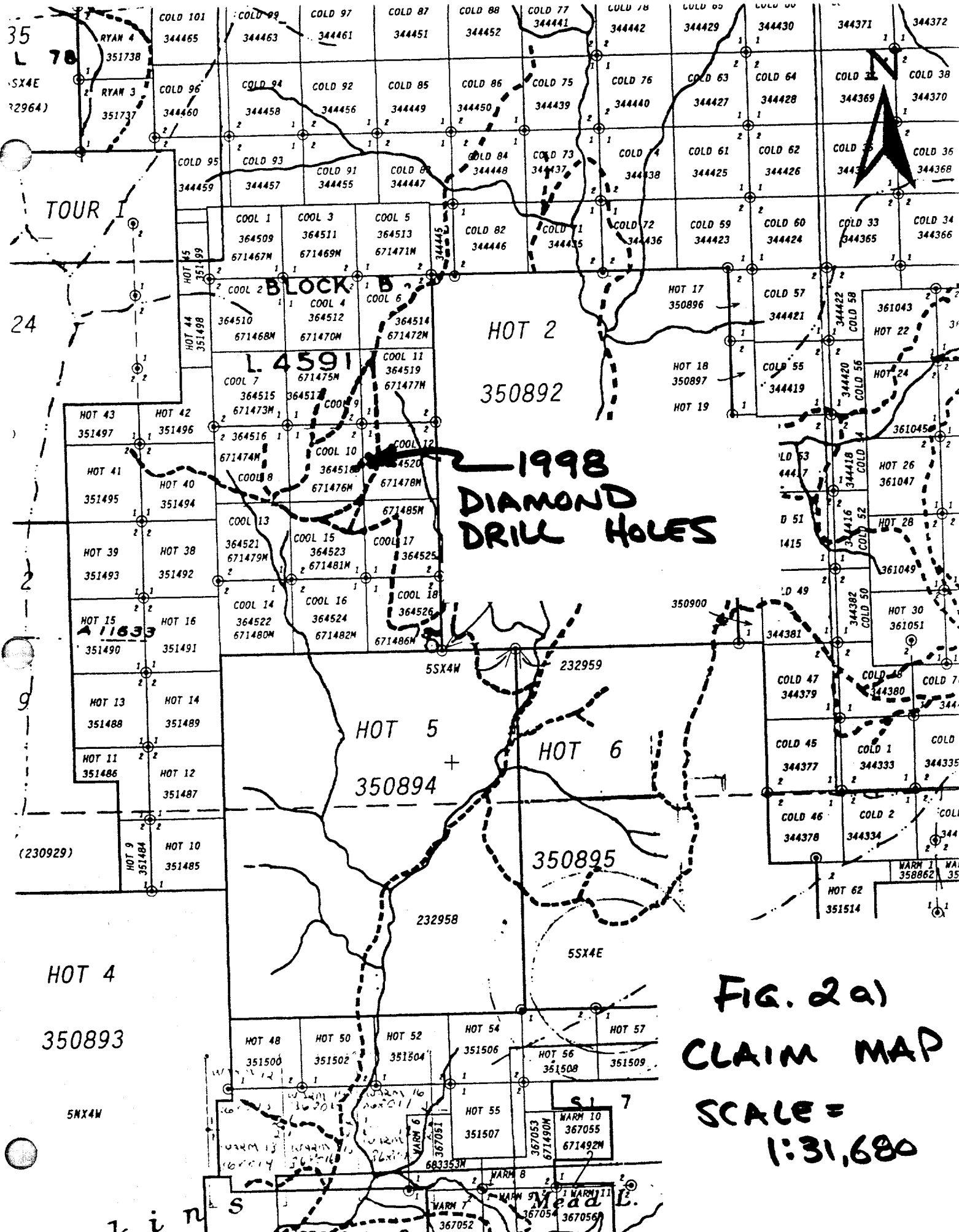


FIG. 2a)
 CLAIM MAP
 SCALE =
 1:31,680

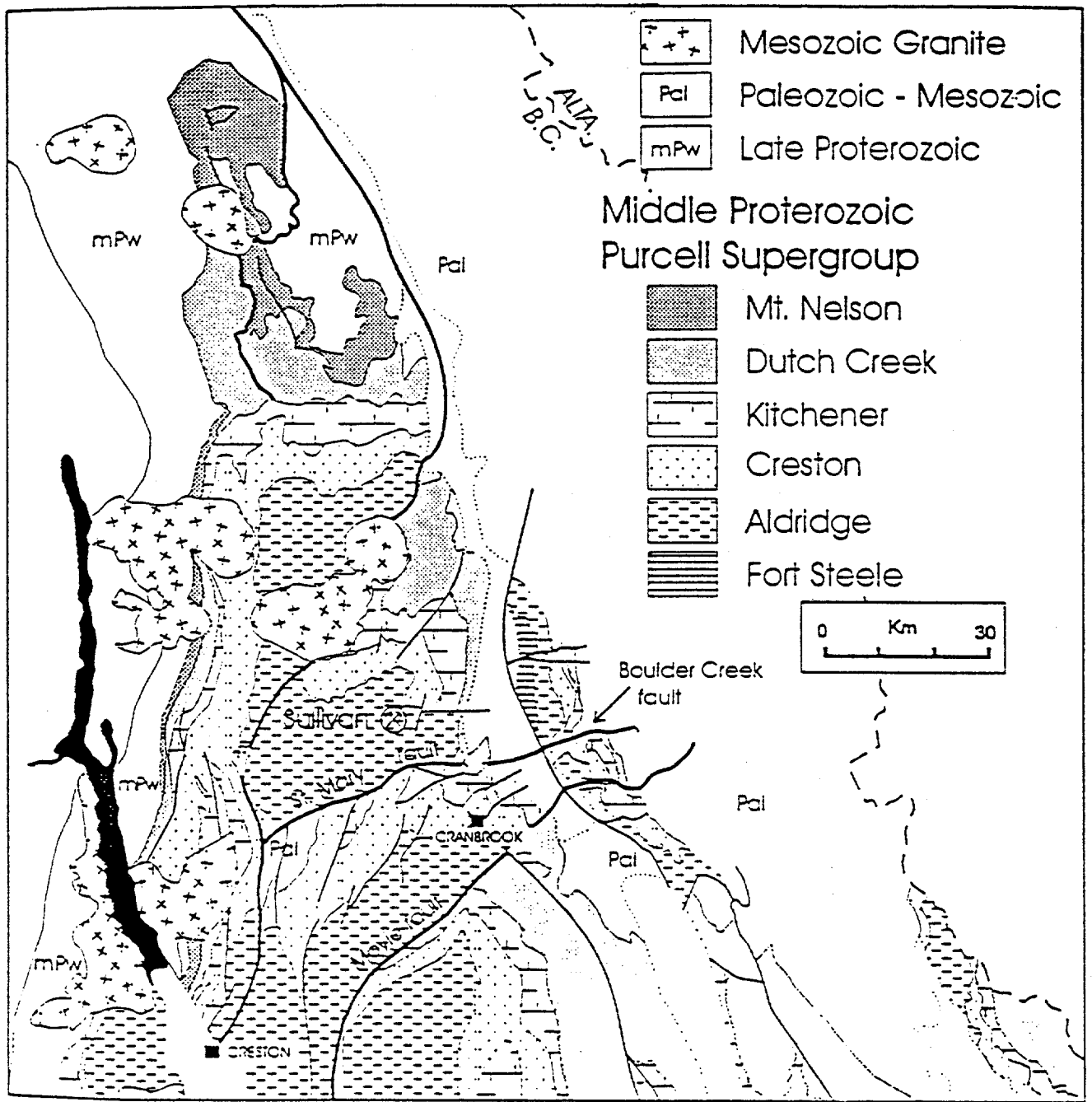


Figure 2b--Regional geology map of the Purcell Supergroup, Southeastern British Columbia.

2.0 Regional Geology

The area is underlain by rocks of the Purcell Supergroup near the apex of the Purcell Anticlinorium, a broad north plunging arch in Helikian and Hadrynian aged rocks. The anticlinorium is allocthonous, carried eastward and onto the underlying cratonic basement by generally north trending thrust faults throughout the Laramide orogeny during late Mesozoic and early Tertiary time (Price, 1981).

The Sullivan deposit is located 20-30m below the upper contact of the Lower Aldridge Formation. Overlying the Lower Aldridge lie the +3,000m thick quartz wackes, subwackes and argillites of the Middle Aldridge Formation. A number of gabbro sills (locally up to 125m thick) are present on the Lower and Middle Aldridge Formations. These sills (and dikes) were intruded into wet, unconsolidated sediments and have been dated to 1445 Ma. The Middle Aldridge is conformably overlain by the 300-400m thick thin, fissile, rusty weathering siltites and argillites of the Upper Aldridge Formation.

Conformably overlying the Upper Aldridge Formation is the Creston Formation comprising over 1,800m of grey, green and maroon, cross-bedded and ripple-marked platformal quartzites and mudstones. The Kitchner-Syeh Formation consists of 1200-1600m of shallow water grey-green-buff dolomitic mudstones and overlies the Creston Formation. Fig.2 shows the regional geology.

2.1 Property Geology

Outcrop is non-existent in the area of the 1998 drilling. Previous drilling intercepted shallow dipping (-20°NE) Middle Aldridge quartzites and argillites. Hole YA-6 was noted (in assessment reports) as intercepting 7m of semi-massive sulphide but because core and logs are not available the true nature of this intercept is not known.

3.0 Diamond Drilling

Diamond Drilling during 1998 was done on the Cool 10&12 mineral claims (#364518 & #364520).

Three holes were drilled (NQ size core) in the vicinity of the 1979 YA-6 hole.

Hole Y98-1 was collared 4m east of YA-6 and was drilled vertical for a depth of 151.8m. Hole Y98-2 is located 50m NE of Y98-1 and was drilled at az150° (-70°) for 76.2m, hole Y98-3 was located 10m SE of Y98-1 and drilled az330° (-70°) for 76.2m. No dip surveys were taken of any drill hole. Core is stored at the Vine property north of Moyie Lake on racks belonging to Abitibi Mining Corp.. The following table gives the UTM coordinates of the 1998 drill holes:

Y98-1	575520E	5438642N
Y98-2	575560E	5438662N
Y98-3	575513E	5438633N

(NO ASSAYS
TAKEN)

4.0 Conclusions and Recommendations

The mineralized intercept discovered in 1979 has a true thickness of 5.3m. It consists of fracture / breccia controlled pyrite and chalcopyrite with a total sulphide content of approximately 40%. Included within the intercept is 2.1m of waste (quartz-sericite-pyrite stockwork in a silicified argillite. Wallrock is variably fractured, chloritized and silicified for up to 3m. In contrast hole Y98-2 was bored entirely in the hangingwall of the fault. Sericitic alteration was moderate to strong throughout the length of this hole. Coincident with the sericite is a network of hairline fractures, dendritic patches and wisps of very fine grained quartz-pyrite-carbonate. Similar though weaker and more sporadic alteration was seen within 40m of the footwall of the chloritic fault in holes Y98-1 and Y98-3. Pyrite content ranges from 2% to 5% in these holes. Much of this alteration appears to have been emplaced in unindurated sediments.

A suspected marker horizon was identified in the bottom of hole Y98-1 which indicates that the Sullivan Horizon may only be 300m below the bottom of the hole.

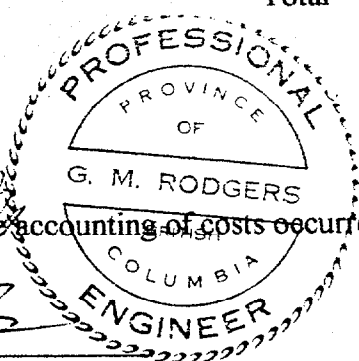
It is recommended that hole Y98-1 be deepened to Sullivan Time (approximately 300m further) to test for bedded sulphides.

6.0 Statement of Costs

Diamond Drilling (Lone Ranger Diamond Drilling)	\$ 17,601.35
Supervision, Core Logging, Report	\$ 1,900.
Total =	<u>\$19,501.35</u>

Certified as a true accounting of costs occurred,


(G.M. Rodgers, P. Eng.)

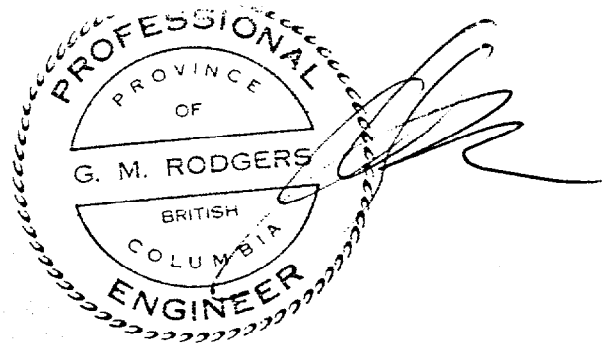


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7.0 Statement of Qualifications

I, Glen M. Rodgers of P.O. Box 63 ,Skookumchuck, B.C.
do certify that:

- I am a graduate of the University of Manitoba (1977) with a degree in Geological Engineering.
- I have practiced my profession continuously over the last 22 years working primarily in mineral exploration throughout North and Central America.
- I am registered as a member of the APEGBC as a P.Eng..
- I have based this report on time personally spent on the Yahk claim block.
- I do not expect to receive any share consideration as a result of writing this report for Abitibi Mining Corp..



APPENDIX I

(Diamond Drill Logs)

Drill Hole # Y-98-1

YAHK Project

Location: 4m @ 090° from YA-6
 UTM-N: 5438642
 UTM-E: 575520
 Elevation:
 Started: Nov 3, 1998
 Completed: Nov 4, 1998
 Logged By: PVA Nov 1998

Core Size: NQ
 Depth (m): 151.8
 Inclination (°): -90.0
 Azimuth (°): 0.0
 Incl EOH (°): -90.0

From (m)	To (m)	Unit	Description	Sample	From (m)	To (m)	Size (m)
0.0	7.6		Casing: Overburden; casing left in hole. Capped.				
7.6	12.2	a2	Ss/silt/argil: Middle Aldridge Quartzitic, biotitic, sandstone with biotitic, argillaceous silty tops. Medium-bedded to thin-bedded. Quartzite=no internal structure; 0.5 to 0.8m thick. Ghost clasts <1cm. Siltstone tops=rythmic/thinly bedded (<1cm); 0.4-1.0m thick. Quartzite brown to greenish, chl/ser alteration. * Siltstone creamy colored; pervasive sericitic alteration. * Up to 5% qtz/py as hairline fractures, dendritic patches and wisps. Bedding ATC: 71°-78°	132101	9.7	10.7	1.0
12.2	14.9	F	Fault: Very rubbly quartzitic sandstone. >30% core-loss. Green, strongly chloritized, abundant sericite/clay fractures.				
14.9	15.6	a2	Ss/silt/argil: Ditto 7.6-12.2m.				
15.6	16.8	am	Siltstone: Massive, varved, brown, fine-grained biotitic siltstone. Several vuggy, qtz/po±ZnS frags & replacements.	132102	15.6	16.8	1.2
16.8	26.2	a2	Sandstone: Middle Aldridge Massive quartzitic concretionary sandstone with no silty tops. * Strongly fractured, silicified, sericitized and chloritized. Numerous ghost (biotitic) clasts or concretions 0.5-2cm. May have been a fragmental. Local core loss >25%. Fracturing polydirectional: sparse to intense stockwork. Minor breccia. Fractures of clay, chlorite & sericite + pyrite. Qtz/ser/py stockwork.	132103 132104 132105 132106	18.7 20.1 21.1 22.6	19.7 21.1 22.6 23.6	1.0 1.0 1.5 1.0
20.1	20.8		Py/ZnS in fractures & breccia Total sulphide 5%.	132107	25.2	26.2	1.0
22.9	23.6		Py/ZnS/PbS in breccia Total sulphide 20%.				
26.2	31.7	F	Fault: Strongly altered fault-breccia zone. Massive chlorite/actinolite/pyrite. Complete replacement by chlorite/Qtz/actinolite/pyrite. Vuggy fracture-controlled & breccia-fill sulphides. Trace ZnS? Pyrite increases from 5% @ base to 35% @ top. Non-magnetic. Sharp, rubbly (sheared?) contacts. No remnant bedding.	132108 132109 132110	26.2 27.2 30.0	27.2 28.2 31.0	1.0 1.0 1.0
31.7	35.9	a2	Sandstone: Middle Aldridge Thick-bedded quartzitic sandstone with few silty tops. * Strongly fractured + silica, sericite and chlorite. Qtz/ser/py stockwork. Hairline fracture stockwork + several minute pyrite veinlets. Bedding ATC: 74°	132111	34.4	35.4	1.0

35.9	36.9	F	Fault: Green chloritic/actinolitic fault zone. No sulphides. Shearing ATC: 34°				
36.9	39.1	a2	Sandstone: Middle Aldridge Similar to 31.7-35.9m. Thick-bedded to massive quartzitic sst. Numerous, small qtz/biotite clots <1cm (clasts or concretions?). * Chlorite pervasive & in fractures (propylitic?). Diss clots of qtz/py. Several qtz/pyrite veinlets. Total sulphides <2%.				
39.1	111.5	a2	Ss/silt/argil: Middle Aldridge Quartzitic, biotitic, sandstone with biotitic, argillaceous silty tops. Medium-bedded to thin-bedded. Quartzite=no internal structure; 0.1 to 1.0m thick. A few clasts. Brown with greenish chlorite alteration patches. Dark grey coarse-grained silica/garnet/chl zones to 10cm thick. * Qtz/muscovite clots (weak phyllic alteration?). Clots 5mm.	132112	39.3	40.3	1.0
				132113	40.3	41.3	1.0
				132114	60.0	61.0	1.0
				132115	61.0	62.0	1.0
52.1	56.9	af?	* Concretionary/fragmental, massive unit. Many qtz/biot clots <2cm. Siltstone tops=rythmic/thinly bedded (<1cm); 0.1-1.0m thick. * Argillaceous component typically sericitized (soft, cream-colored).	132116	76.0	77.0	1.0
39.1	83.8	*	~2%qtz/py±siderite as hairline fractures, dendritic patches and wisps.	132117	77.0	78.0	1.0
85.1	86.2		Qtz vein 10cm + coarse-grained qtz/ms/chl altered walls. ATC: 22°. Bedding ATC: 76°				
111.5	112.5	F	Fault: Fault breccia + 10% pyrite as breccia-fill. Fracture ATC: 23°				
112.5	121.3	a2	Ss/silt/argil: Middle Aldridge Ditto 83.8-111.5m. Quartzitic, biotitic, sandstone with biotitic, argillaceous silty tops. Weak sericitic alteration; qtz/ms clots & minor bleaching.				
119.2	120.1	*	<2% qtz/py±siderite as hairline fractures, dendritic patches and wisps.				
121.3	122.8	m	Moyie intrusive: Gabbro. Biotitic and chloritic. Sericitized plagioclase lathes.				
122.8	149.9	a2	Ss/silt/argil: Middle Aldridge Ditto 83.8-111.5m. Quartzitic, biotitic, sandstone with biotitic, argillaceous silty tops. Weak sericitic alteration; qtz/ms clots & minor bleaching.				
124.1	142.3	*	Ditto 39.1-83.8; 2% qtz/py replacements and fractures.	132118	130.4	131.4	1.0
142.3	143.3		Qtz vein 10cm + coarse-grained qtz/ms/chl altered walls. ATC: 22°. Bedding ATC: 83°				
149.9	151.8	am	Siltstone: Ditto 15.6-16.8m. Massive, varved, brown, fine-grained biotitic siltstone. Muscovite-rich.				
151.8	EOH		-90°				

Drill Hole # Y-98-2 YAHK Project

Location: 49m @ 063° from YA-6
 UTM-N: 5438662
 UTM-E: 575560
 Elevation:
 Started: Nov 5, 1998
 Completed: Nov 6, 1998
 Logged By: PvA Nov 1998

Core Size: NQ
 Depth (m): 76.2
 Inclination (°): -70.0
 Azimuth (°): 150.0
 Incl EOH (°): -70.0

From (m)	To (m)	Unit	Description	Sample	From (m)	To (m)	Size (m)
0.0	6.4		Casing: Overburden.				
6.4	51.2	a2	Ss/silt/argil: Middle Aldridge	132119	9.1	10.6	1.5
			Quartzitic, biotitic, sandstone with biotitic, argillaceous silty tops. Medium-bedded to thin-bedded.	132120	19.1	20.6	1.5
			Quartzite=no internal structure; 0.2 to >1.0m thick. Few clasts <1cm. Brown to greenish; chl/ser alteration. Coarse qtz/muscovite clots.	132121	28.5	30.0	1.5
			Dark grey coarse-grained silica/garnet/chl zones to 10cm thick.				
			Siltstone tops=rythmic/thinly bedded (<1cm); 0.1-0.8m thick.	132122	38.1	39.6	1.5
		*	Siltstone creamy colored; pervasive sericitic alteration.				
		*	Up to 5% qtz/py as hairline fractures, dendritic patches and wisps.	132123	47.6	49.1	1.5
36.6	46.9	af?	Concretionary/fragmental, massive unit. Many qtz/biot clots <2cm. Bedding ATC: 55°-60°				
51.2	54.9	F	Fault: Very rubbly quartzitic sandstone. 20% core-loss. Green, strongly chloritized, abundant sericite/clay fractures. Fracture ATC: 40°				
54.9	76.2	a2	Ss/silt/argil: Middle Aldridge Ditto 6.4-51.2m. Less qtz/py and sericite alteration.				
			Quartzitic, biotitic, sandstone with biotitic, argillaceous silty tops.	132124	63.4	64.9	1.5
		*	>2% qtz/py±siderite as hairline fractures, dendritic patches and wisps. Bedding ATC: 55°-60°				
76.2	EOH		-70°				

Drill Hole # Y-98-3

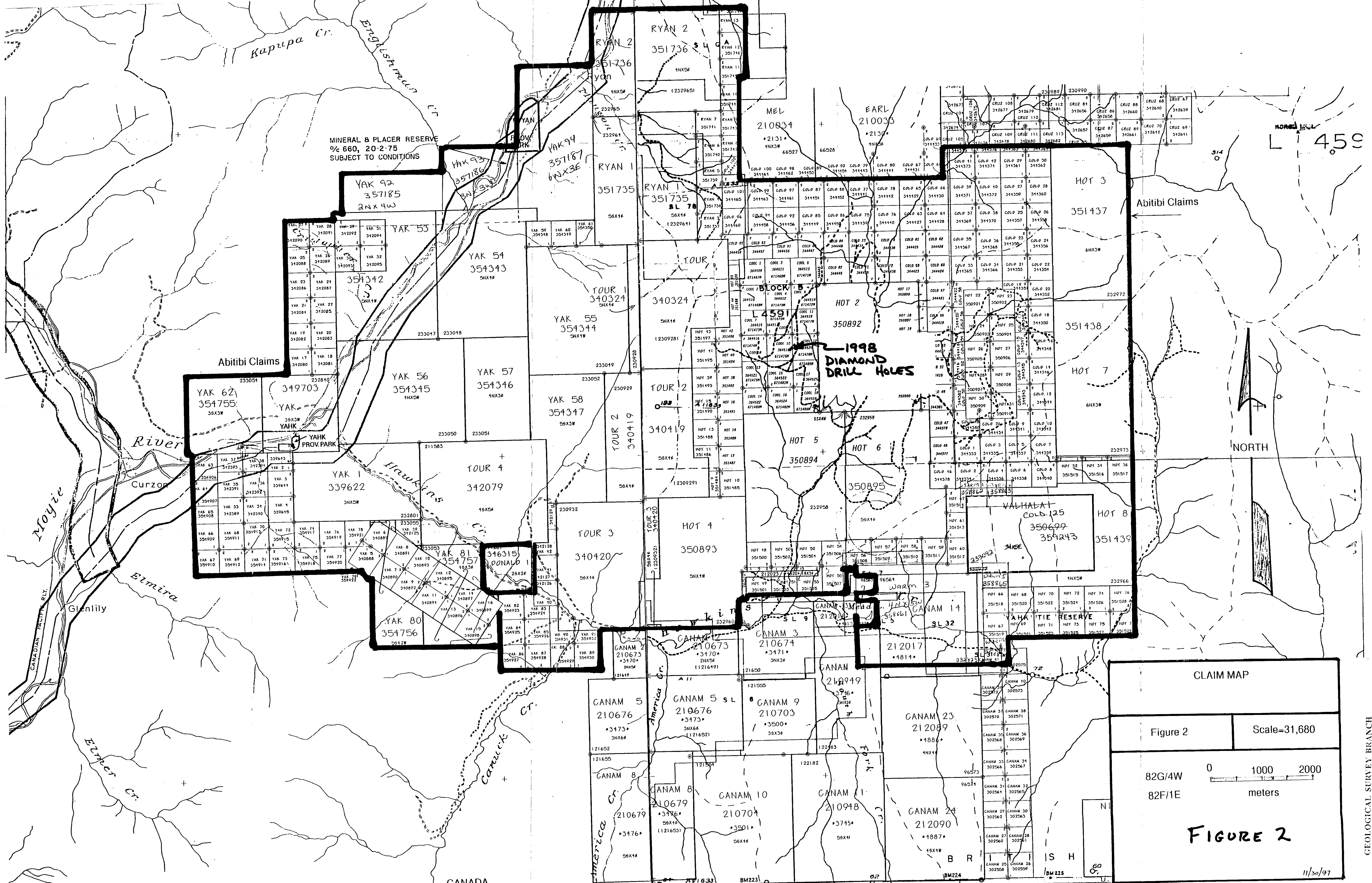
YAHK Project

Location: 10m @ 200° from YA-6
 UTM-N: 5438633
 UTM-E: 575513
 Elevation:
 Started: Nov 6, 1998
 Completed: Nov 7, 1998
 Logged By: PvA Nov 1998

Core Size: NQ
 Depth (m): 76.2
 Inclination (°): -70.0
 Azimuth (°): 330.0
 Incl EOH (°): -70.0

From (m)	To (m)	Unit	Description	Sample	From (m)	To (m)	Size (m)
0.0	8.8		Casing: Overburden.				
8.8	10.2	a2	Sandstone: Middle Aldridge Thick-bedded quartzitic sandstone with few silty tops. Strongly fractured, silicified and sericitized. Many ghost clasts or concretions (qtz/biot clots). Fragmental?				
10.2	12.9	F	Fault: Strongly altered fault-breccia zone. Massive chlorite/actinolite/pyrite. Complete replacement by chlorite/qtz/actinolite/pyrite.	132125	10.2	11.5	1.3
			Vuggy fracture-controlled & breccia-fill sulphides. No remnant bedding. Pyrite avg 35%. Minor chalcopyrite (<1%), trace ZnS. Non-magnetic. Fracture ATC: 17°-67°	132126	11.5	12.9	1.4
12.9	17.4	a2	Ss/silt/argil: Middle Aldridge Quartzitic, biotitic, sandstone with biotitic, argillaceous silty tops. Medium-bedded to thin-bedded. Quartzite=no internal structure; 0.3 to 0.8m thick.	132127	14.3	15.8	1.5
		*	Siltstone tops=rythmic/thinly bedded (<1cm); 0.1-0.5m thick. Strongly fractured, silicified, sericitized and chloritized. Fractures of clay, chlorite & sericite + pyrite. Qtz/ser/py stockwork.				
15.8	16.0	*	Marker?				
16.5	17.4	*	Up to 5% diss pyrite with up to 1% chalcopyrite. Bedding ATC: 45°-48°				
17.4	22.3	F	Fault: Strongly altered fault-breccia zone. Massive chlorite/actinolite/pyrite. Complete replacement by chlorite/qtz/actinolite/pyrite.	132128 132129	17.4 18.6	18.6 19.8	1.2 1.2
			Crumbly, vuggy fracture-controlled & breccia-fill sulphides. Pyrite 50-75% @ 17.4-19.8m & 21.6-22.3m. Avg 10% @ 19.8-21.6m. Minor chalcopyrite (1%). Up to 5% diss ZnS for 15cm at base.	132130 132131	19.8 21.3	21.3 22.3	1.5 1.0
22.3	35.9	a2	Ss/silt/argil: Middle Aldridge Medium to thin-bedded biotitic quartzitic sandstone with silty tops.				
22.3	26.2	*	Pervasive chloritization + qtz/chl/ser/clay fractures. Trace pyrite. Fractures polydirectional.				
26.2	35.9	*	Sandstone & siltstone sericitized; pervasive & in qtz/ms clots.				
26.2	35.9	*	~2%qtz/py+siderite as hairline fractures, dendritic patches and wisps.	132132	34.2	35.7	1.5
32.3	35.9		Concretionary, massive quartzitic unit. Fragmental?				
35.9	38.7	am	Siltstone: Massive, varved, brown, fine-grained biotitic siltstone. Bedding ATC: 78°-82°	132133	36.1	37.6	1.5

38.7	71.1	a2	Ss/silt/argil:				
			Middle Aldridge				
			Quartzitic, biotitic, sandstone with biotitic, argillaceous silty tops.				
			Medium-bedded to thin-bedded.				
			Quartzite=no internal structure; 0.1 to 1.0m thick. A few clasts.				
			Brown with greenish chlorite alteration patches.				
			Dark grey coarse-grained silica/garnet/chl zones to 10cm thick.	132134	56.7	58.2	1.5
			Qtz/muscovite clots (weak phyllic alteration?). Clots 5mm.				
			Siltstone tops=rythmic/thinly bedded (<1cm); 0.1-0.5m thick.				
			Weak sericitic alteration. Much less than in adjacent holes.				
50.9	56.8	*	Fractured, vuggy, chloritized. Coarse-grained qyz/muscovite alteration.				
			Fault? @ 52.4m (rubble), 10cm qtz vein @ 55.2m; ATC 15°.				
60.9	66.1		Several 10-20cm varved siltstone bands.	132135	63.1	64.6	1.5
60.9	61.7		Marker?				
			Sericitization decrease below 56.8m.				
71.1	71.6	m	Moyie intrusive:				
			Gabbro. Biotitic and chloritic. Sericitized plagioclase lathes.				
71.6	76.2	a2	Ss/silt/argil:				
			Middle Aldridge				
			Ditto 38.7-71.1m.				
76.2	EOH		-70°				



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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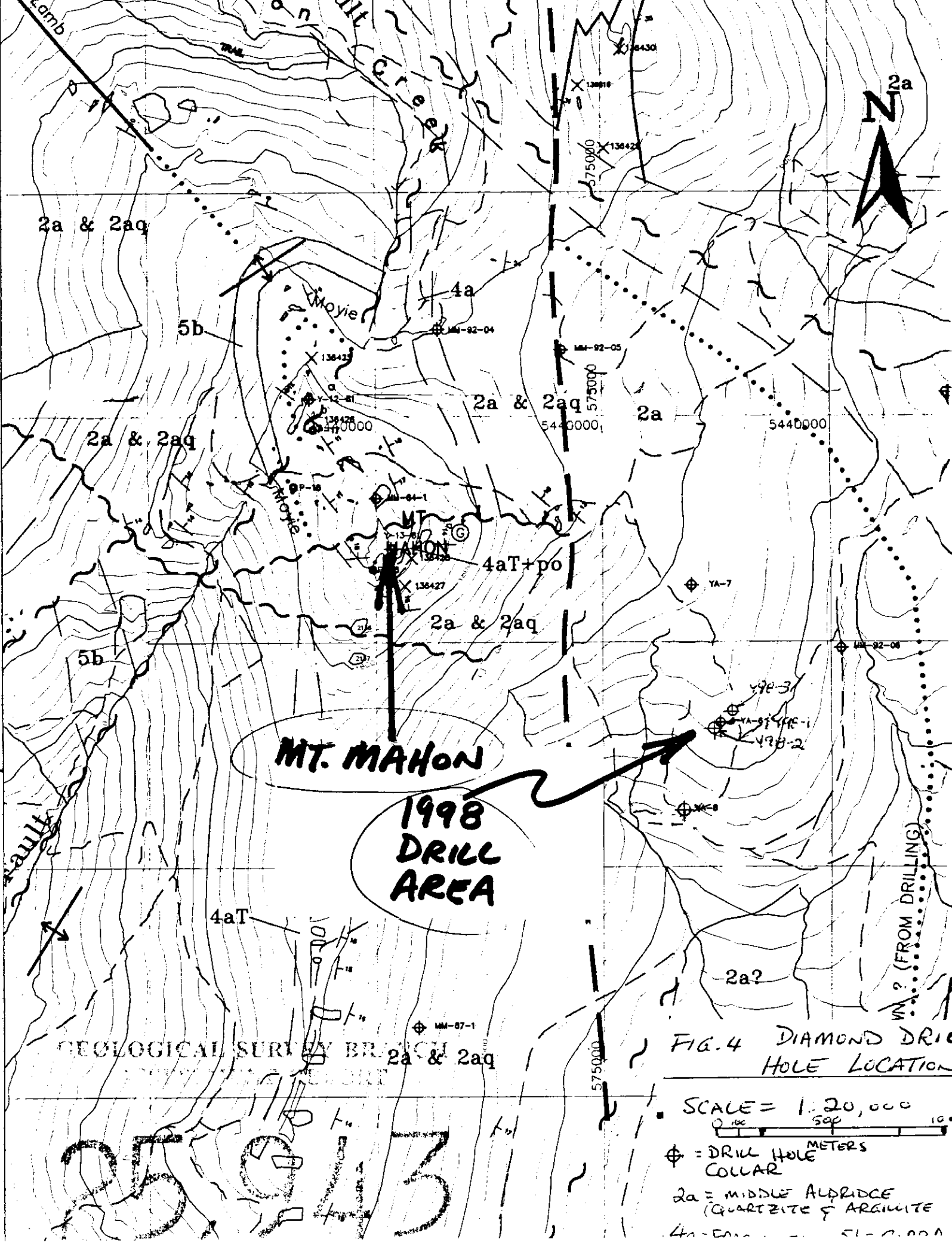


FIG. 4 DIAMOND DRILL HOLE LOCATIONS

SCALE = 1:20,000

Φ = DRILL HOLE COLLAR

2a = MIDDLE ALDRIDGE (QUARTZITE & ARGILLITE)

4a = ...

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