REPORT ON DIAMOND DRILL HOLES DRILLED ON
C.D.C. GROUP BETWEEN JANUARY 17 AND MARCH 10, 1974
PORT NEVILLE, B.C.

COPY No. 1
GR.

In 1970 several holes were drilled with a small drill. Two of these holes cut mineralization of interest.

Late last summer the writer was requested to spot some additional drilling and he laid out two holes. One of these was designed to further check the shear zone where hole #2 of the 1970 program cut 13 feet assaying 0.61% copper before the hole was lost at 37½ feet. The other hole was designed to check the area between hole #4 of the 1970 program (which showed 0.88% copper for 46 feet from collar to bottom of hole) and the tunnel above it. A selected grab sample from the portal of the tunnel showed 2.75% copper, and there appeared to be quite a lot of material in that part of the dump of similar tenor. There is little doubt but that this was material sorted out from the general average of material found in the tunnel.

Subsequent to this a visit was made to the property on the 12th and 13th of September. At that time Mr. J. Ashton, P. Eng. was running to I.P., lines and the writer assisted with this on September 13th. On the previous day he had examined the granite -volcanic contact area towards the north end of the property but found only a few weakly mineralized shears and concluded that there was no good apparent reason for moving away from where some encouragement had been obtained.

Mr. Ashton made a report on the I.P. survey in February of this year which was previously submitted for assessment work.

The reader is referred to this report for general information on the property. The report is headed "Induced Polarization Test on the Port Group "I"2 mineral Claim, Port Neville, B.C." and is dated February 1974.

Mr. Ashton returned to the property after the drill was landed and located the first hole to cut the I.P. anomaly shown on line 2 of his report. The first hole was lost at twenty-five feet and the second hole had to be discontinued at 124 feet. This was due to frequent breakdowns of the drill and inability to obtain quick or satisfactory repairs. The assistants apparently would not stay on the job. Under the circumstances Mr. Weston could not justify the further expense of continuing, for the driller, good as he was, could not carry on with this equipment without a helper.

As indicated in the logs attached hereto there appeared to be some improvement in the mineralization towards the bottom of the 2nd hole. According to the location as plotted by Mr. Ashton the hole was approaching the I.P. anomaly on line 2. It is too bad it had to be stopped but it can be deepened at a later date. Except at the crumbly quartz-garnet band the core recovery was excellent and there should be little or no trouble in resetting on it with a better drill.

It is very difficult, however, to find a driller with good equipment who will go to a location such as this without a

minimum contract much larger than any that could be justified on this job at this time.

If the I.P. anomaly could have been tested with a drill hole and copper mineralization of interest found in the drill hole, then an I.P. survey could be run over a greater area and other anomalies drilled with some degree of assurance.

Another fault of the drill that was on the job, was its inability to pull itself over rough ground. The collars of two holes located by the writer are in rough locations and it will be necessary to have a drill that can pull itself over bluffs.

The drill that was on the job was landed by helicopter after a site had been cleared but it would be very costly to clear a site at each drill set-up and to move the drill each time by helicopter.

The mineralization found to date is similar to that found in the Karmutsen volcanics in a number of places on Vancouver Island and on the Gulf Islands. Some pods of ore have been found and some shipments made but so far no deposits that would warrant the erection of a mill have been found. However we cannot assume that more will be found as similar assumptions have proved to be wrong before.

There is no public money in this venture and Mr. Weston doesn't intend to have the public participate until he can find sufficient mineralization to warrant it. He is to be commended for his tenacity of purpose.

Assays on the split core are not available at time of writing. They will be low as the holes did not reach the target but will be appended to this repott along with the drill logs.

The location of the hole is shown on the attached sketch, supplied by Mr. J. Ashton, P. Eng.

Respectfully submitted,

J.A. Mitchell, P. Eng.

March 20, 1974.

DIAMOND DRILL RECORD

PROPERTY GDC Port Neville B.C. (Previously "Port" Group.) HOLE NO. 1

SHEET NUMBER _____ SECTION FROM 0 TO 25 STARTED Jan 31/74 AQ CORE.

LATITUDE _____ DATUM _____ COMPLETED Feb 7/74

DEPARTURE _____ BEARING _____ DEPTH 25 feet

ELEVATION _____ DIP _____ (Trouble with drill)

DEPTH FEET	FORMATION	SAMP. NO.	FROM-TO	Cu%	Pb%	Zn%	Ag.oz/T	Au.oz/T	SPECIAL ANALYSIS	OTHER
0-16 (3' loss)	Dense compact basalt lavalets of epidote generally at about 45° to axes of the core									
16-25	Similar to above but shows more epidote filled fractures and some of these contain a little chalcopyrite and bornite. Also some open rusty fractures also some leaks of chalcopyrite with dusty halos and flecks of bornite. Also some fracture surfaces show a faint stronger sheen suggesting bornite. All core is magnetic and distinct magnetite crystals are sometimes present.									

DRILLED BY Gary Gowland

All core at 1850 S.W. Marine Drive, Vancouver.

SIGNED J. A. Nutkeeo

DIAMOND DRILL RECORD

PROPERTY G. D. G. Port Neville B.C. HOLE NO. 2

SHEET NUMBER _____ SECTION FROM 0 TO 58 STARTED Feb. 11/74

LATITUDE _____ DATUM _____ COMPLETED March 7/74

DEPARTURE _____ BEARING _____ DEPTH _____

ELEVATION _____ DIP _____

DEPTH FEET	FORMATION	SAMP. NO.	FROM-TO	Cu%	Pb%	Zn%	Ag.oz/T	Au.oz/T	SPECIAL ANALYSIS	OTHER
0 - 58'	Very compact hard brittle basic volcanics (basalt) contains hairline fractures in varying directions but those at 45° to core seem to be the only ones mineralized. This mineralization consists of chalcopyrite and bornite associated with epidote and chlorite not as well mineralized as Core #1 but occasionally the bronze shows as seen on minute fractures and some very fine specs of bronze colored mineral can be distinguished in bright sunlight but only when the core is dry. Microscopic examination necessary to identify this.									

DRILLED BY Glen Yaworski

SIGNED Jas. McKell.

DIAMOND DRILL RECORD

PROPERTY C.D.C. Port Neville BC HOLE NO. 2/74.

SHEET NUMBER _____ SECTION FROM 98 TO 124 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED March 7/74

DEPARTURE _____ BEARING _____ DEPTH _____

ELEVATION _____ DIP _____

DEPTH FEET	FORMATION	SAMP. NO.	FROM-TO	Cu%	Pb%	Zn%	Ag.oz/T	Au.oz/T	SPECIAL ANALYSIS	OTHER
	of chalcopyrite and bornite calcite amygdules.									
98-103	do- many large calcite amygdules.									
103-108	do- but some epidote as well as calcite in amygdules, skeletal network of fine epidote hairlines with some chalcopyrite and bornite. very weakly mineralized.									
108-113	do - amygdules decreasing but still a little evidence of chalcopyrite and bornite in seams and ~~fissures~~ in specs between the seams.									
113-124 and	Compact basalt with streaks of epidote and garnet sometimes with a little chalcopyrite and bornite									

DRILLED BY Glen Yaworski SIGNED J.A. Mitchell

DIAMOND DRILL RECORD

PROPERTY G. D. G. Port Neville, BC HOLE NO. 2.

SHEET NUMBER _____ SECTION FROM 58 TO 78 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ DEPTH _____

ELEVATION _____ DIP _____

DEPTH FEET	FORMATION	SAMP. NO.	FROM-TO	Cu%	Pb%	Zn%	Ag.oz/T	Au.oz/T	SPECIAL ANALYSIS	OTHER
58-63.	Skarny (epidote) volcanics with streaks of crystalline epidote. No copper mineralization									
63-73.	Similar to 0 to 58 but contains 1 foot of a crumbly mixture of garnet and quartz crystals or probably garnet crystals in a quartz or feldspar matrix									
73-78.	All crumbly garnet crystals in a quartz or feldspar matrix loosely cemented to garnet crystals. No copper minerals other than the occasional fleck of carbonate.									

DRILLED BY Glen Yaworski SIGNED J.A. Mitchell

DIAMOND DRILL RECORD

PROPERTY G. D. G. Port Neville, BC. HOLE NO. 74-2

SHEET NUMBER _____ SECTION FROM 78 TO 98 STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ DEPTH _____

ELEVATION _____ DIP _____

DEPTH FEET	FORMATION	SAMP. NO.	FROM-TO	Cu%	Pb%	Zn%	Ag.oz/T	Au.oz/T	SPECIAL ANALYSIS	OTHER
78-79½	1½ feet lost - similar to 73 to 78									
79½-83	Compact basalt - 2" long ¼" wide lens of chalcopyrite in alteration in this streak. parallel to axis at about 80°									
83-86	do - garnet and epidote alteration at 86 to 88½ feet. Few specs of chalcopyrite with alteration.									
88-93	do - occasional small streaks of alteration with copper as chalcopyrite & bornite and a little disseminated bornite & chalcopyrite.									
93-98	basalt becoming more amygdaloidal with slightly more evidence									

DRILLED BY Glen Yaworski SIGNED J. G. McTaggart

SIMILKAMEEN MINING COMPANY LIMITED

ASSAY REPORT

Date March 22nd.

Assay No.	Sample Hole No.	D.D. Hole No. ~~Blast~~ No.	Depth Feet	Total % Cu.	% [illegible]	Sulph. % Cu.	Ag. opt	Au. opt.
	J- 340	74-2	0-10'	0.022	10.27		0.04	Tr.
	41	74-2	10-20'	0.018	10.52		0.02	Tr.
	42	74-2	20-30'	0.034	10.57		0.02	Tr.
	43	74-2	30-40'	0.017	10.12		0.02	Tr.
	44	74-2	40-50'	0.021	9.67		TR.	Tr.
	45	74-2	50-58'	0.011	8.97		Tr.	Nil.
	46	74-2	58'-69'	0.002	7.38		0.01	Nil.
	47	74-2	69-75'	0.054	14.61		0.10	0.0015
No-1.-74	48	74-1	0-12'	0.025	9.27		Tr.	Tr.
No 1. 74.	49	74-1	12-23'	0.023	9.87		0.01	Nil.
	H-489	*74-2	*75-88'	0.30	9.49		0.10	TR
	90	74-2	88-93'	0.12	9.19		0.03	NIL
	91	74-2	93-98	0.15	8.95		0.06	NIL
	92	74-2	98-103	0.07	9.34		0.04	NIL
	93	74-2	103-108	0.08	10.24		0.04	NIL
	94	74-2	108-113	0.21	10.14		0.04	TR
	95	74-2	113-118	0.34	8.80		0.07	TR
	96	74-2	118-123	0.17	8.50		0.06	NIL
	97	74-2	123-128	0.05	9.29		0.05	NIL

No moly. detected.

*lost 8' of "sugar quartz"

March 24th. 1974

OBSERVATIONS.

Examination of the core revealed some interesting features. The material is very highly silicous showing only trace amounts of carbonate material. On the average the magnetite content is from 10-15% by weight. The first part of the hole, samples J-340 series did not show any indications of copper mineralization. However after entering the garnetized zone malachite showed up in trace amounts. Once through this zone copper mineralization in the form of sulphides was present for the remaining footage.

Note.

Samples 489-90-91 show fair assays, then a ten foot low section and another fifteen foot anomalous section. Does the core show any signs of banding that could be visually detected?

I hope this information can be of some help. Gold assays on samples 489-97 will be done as soon as possible.

J.E. Stanley.

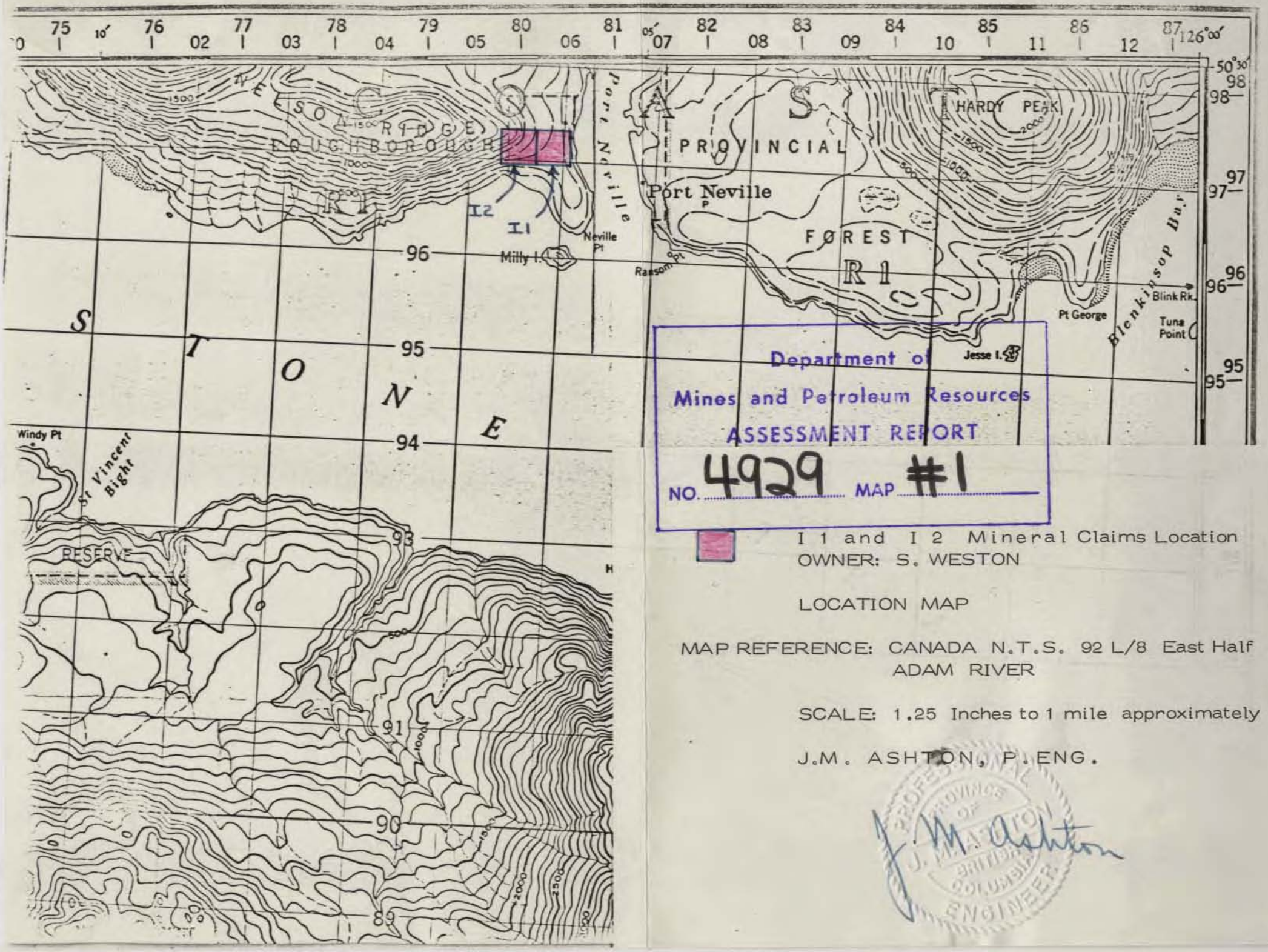
Statement of Expenditures

Personnel	Date Worked	Expensed
Gary Gowland	(Driller) Jan. 31 - Feb. 10/74	500 00
Glen Jaworski	(Driller) Feb. 12 - Feb. 21/74 and March 5 - March 10/74	575 00
Mike Hatton	(Mechanic / Helper) ~~Feb 12~~ to ~~Feb~~ 17/74	200 00
S. Westow	(Supervisory / Helper) Jan. 20 - March 10/74	3610 60
G.K. Thomson	(Trucking) Jan. 26 - 29/74	275 00
G.K. Thomson	Set of Come-along Pulleys	51 00
Bruce Thomson	Boat Charter	100 00
Bruce Thomson	(Helper) Jan 31 to Feb. 10 and March 5-10/74	750 00
Jack Ashton	(Engineer) Feb. 8-9 and Feb 12-17/74	540 00
Jack Ashton	Report Stadia Survey	802 85
Henry Smeets	Fixed-wing transport (men and freight) Jan 29 - March 11/74	753 00
Board-Room	101 man days @ 15.00 per day	1515 00
Rental -	Diamond Drill (Pacific Diamond Drilling)	2000 00
Freight	Coast Prices (Drill to Vnew from PN.	102 95
J. A. Mitchell	(Mining Engineer) Report - Core Logs.	300 00
Okanagan Helicopters	- Mobilization and Demobilization	804 80
Core Assay	Expense	340 20
Investment	Equipment	199 26
Radio Telephone	Paid to P. N. Phone	181 79
Core Splitter		100 50
Total Expenditure above		14,300 60

D. Westow

April 10, 1974.

ARMY SURVEY ESTABLISHMENT SECOND EDITION CANADA, SHEET 92 L/8 EAST HALF



I 1 and I 2 Mineral Claims Location
OWNER: S. WESTON

LOCATION MAP

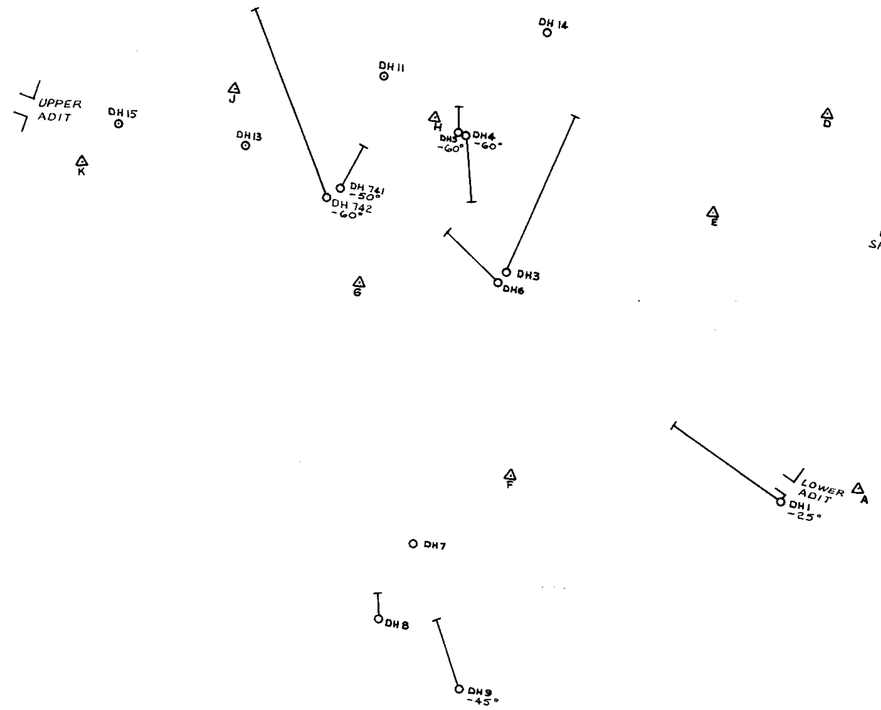
MAP REFERENCE: CANADA N.T.S. 92 L/8 East Half
ADAM RIVER

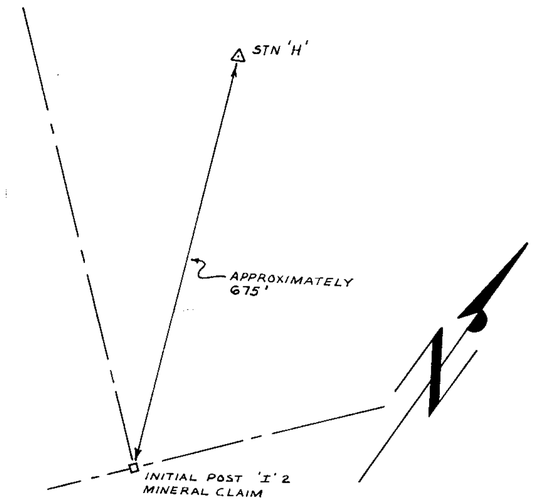
SCALE: 1.25 Inches to 1 mile approximately

J.M. ASHTON, P.ENG.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA J. M. ASHTON

J. M. Ashton





KEY MAP

LEGEND

DIAMOND DRILL HOLE

SURVEY STATION

SCALE 0 10 20 40 60 80 100 FEET

4929
M2

Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4929 MAP #2

No.	BY	DATE	REVISIONS	CH'K
[redacted]				
[redacted]				

ISSUED FOR

PLAN OF DIAMOND DRILL HOLES 'I' 2 MINERAL CLAIM

DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
JMA	MARCH 74				

SCALE : 1" = 20' 280.