

83-#574-#11449

10/84

PROSPECTING AND GEOCHEMICAL REPORT

ON THE

A & W, 18 UNITS, 660-10 CLAIM

SOWAQUA CREEK, B. C.

49°25' North and 121°14' West

Map Sheet 92H-6E

for

ALTAR GOLD AND RESOURCES LTD.
103 - 316 Cedar Street
New Westminster, B.C.

by

DOUGLAS H. HOPPER, P.I.M.

October 27, 1983

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,449

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MAPS

Claim Map.....	[Following page 1]
1 Map of Hope Area and Claim.....	[Pocket at back]
2 Maps of Silver & Gold - Geochem & Geology...	[Pocket at back]

APPENDIX

3 pages Geochemical Assay Certificate.....	[At back]
1 page ICP Geochemical Analysis.....	[At back]

EXPENSES

Wages for P. Dupras and D. Hopper
on the property

October 7 - 9, 1983

\$ 450.00
450.00
21.60

Total

\$ 921.60

Equipment

68.05

Food & Lodging

245.59

Transportation - Three-wheel bike and Van

340.76

Drafting, Printing and Typing

159.15

Assaying

391.00

Cat Work

1,800.00

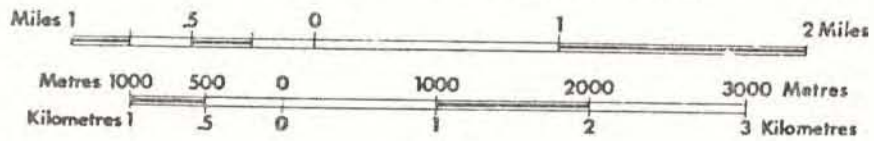
TOTAL

\$3,926.15

SQEA
1964(3)

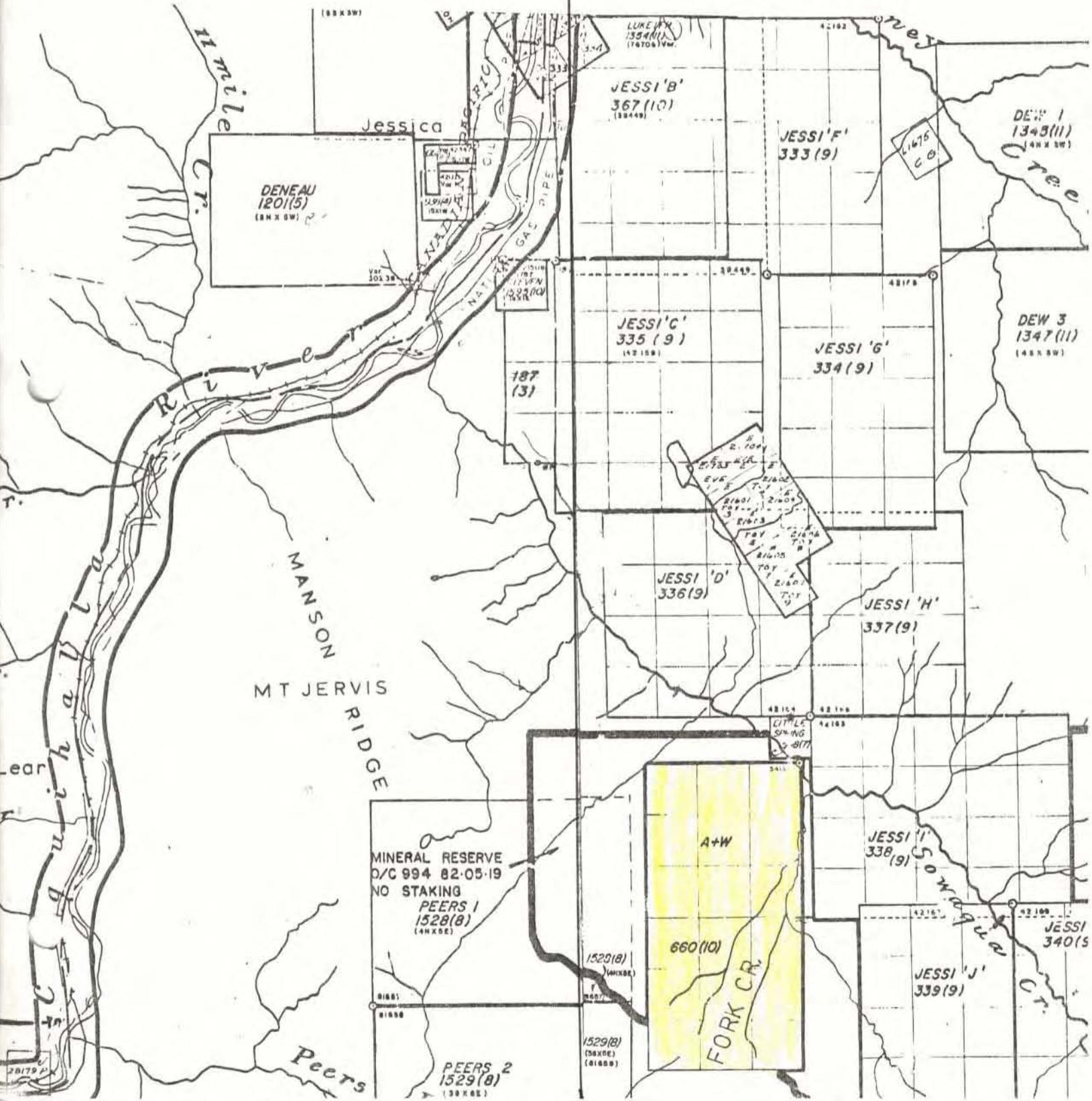
(80 X 48)
(1:50,000)

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources



MAP M 92H-6W

MAP 92H-6E



A & W CLAIM, 18 UNITS, 660-10PROPERTY AND ACCESS

The property is located on Map 92H-6E, $49^{\circ}25'$ North and $121^{\circ}14'$ West, south and west of Sowaqua Creek, record date October 17, 1979.

Access is by road along the Coquihalla River Valley for 11.5 miles or 18.4 kilometers, then turning in a southeasterly direction for 5 kilometers. This old logging road follows the north side of Sowaqua Creek. Presently, the road can be travelled by four-wheeled vehicle part way to a wash-out, then by a smaller motor vehicle, such as a three-wheeled bike, which we used.

WORK DONE

During the period of October 7 - 9, Paul Dupras of Burnaby, B.C., and Doug Hopper of Vancouver, travelled to the property. We spent three-quarters of a day trying to fix the slide area so it was safe to cross with our three-wheeled bike.

PROSPECTING, ROCK SAMPLING & GEOCHEM SAMPLING

Once we arrived at the property, we prospected and took 44 soil samples along the Lines 0+0 [0+0 to 350 N]; Line 350N [0+0 to 850 West] and Line 250 North [550 West to 1100 West].

Some Au ppb has been found along the Line 350 North, 550 West to 800 West and should be followed up.

Also, on Line 0+0, 250 N, 200N and 125N, some more gold values are showing up, but the values must come from further up the slope as some rock sampling was done in this area. The results were very discouraging.

GEOLOGY AND ROCK ASSAYING

On Line 0+0 from 75 North to 150N along the contact of the Serpentine and Diorite, numerous quartz-carbonate veinlets emanate from the Serpentine. The veinlets seem to run in a very disorderly fracture filling 1" to 8" in width. Samples 71404 to 71406 were taken in this area assaying 0.01 Ag oz/ton and 0.001 Au oz/ton respectively.

On Line 0+0 - 0+0 North, an outcrop of Serpentine occurs. Samples 71402 and 71403 were assayed for gold and silver, giving the same results as above. Further assaying in the form of ICP Geochemical Analysis was done.

<u>Sample No.</u>	<u>Ni ppm</u>	<u>Co ppm</u>
71402	1863 = 0.18% approx.	90 = 0.01
71403	2130 = 0.21% approx.	91 = 0.01

The chromium, although present with a high ppm, does not have a comparable result as it will not dissolve into solution as readily as the rest. Conversation with the Assayer, Dean Toye of Acme Analytical Labs, told me this.

CAT WORK

Some \$1,800.00 worth of work was done on the road, removing slides northwest of claim location on the gravel road.

CERTIFICATE

I, H. DOUGLAS HOPPER of 828 West Hastings Street, Vancouver, B.C., did attend the Provincial Institute of Mining, Haileybury, Ontario in the years 1962-1964, 1965 and 1966, for which I am a Mining Engineering Technologist.

Since 1966, I have worked with various mining companies as Field Geologist, Junior Engineer, looking after diamond drilling projects, underground mining exploration and surface exploration.

DATED at Vancouver, British Columbia, this 27th day of October, 1983.


H. Douglas Hopper

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED OCT 14 1983

DATE REPORTS MAILED *Oct 20/83*

GEOCHEMICAL ASSAY CERTIFICATE

A .500 GM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : AG.

SAMPLE TYPE : SOIL & SILT

AU* - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER *D. Toy* DEAN TOYE, CERTIFIED B.C. ASSAYER

ALTAR GOLD

FILE # 83-2573A

PAGE# 1

SAMPLE	AG PPM	AU* PPB
3+50N 850W	.2	5
3+50N 800W	.1	20
3+50N 750W	.1	10
3+50N 700W	.1	5
3+50N 650W	.1	5
3+50N 600W	.1	55
3+50N 550W	.2	5
3+50N 500W	.1	15
3+50N 450W	.2	5
3+50N 400W	.1	5
3+50N 350W	.1	5
3+50N 300W	.2	5
3+50N 250W	.1	5
3+50N 200W	.1	5
3+50N 150W	.1	5
3+50N 100W	.1	10
3+50N 50W	.2	10
2+50N 11W	.1	5
2+50N 10+50W	.2	5
2+50N 10W	.4	5
2+50N 9+50W	.2	5
2+50N 9W	.1	5
2+50N 8+50W	.2	5
2+50N 8W	.1	5
2+50N 7+50W	.1	5
2+50N 7W	.2	5
2+50N 6+50W	.1	5
2+50N 6W	.1	5
2+50N 5+50W	.1	5

SAMPLE	CU PPM	ZN PPM	AG PPM	AU* PPB
ON 75 0 N	16	102	.4	5
ON 100 0 N	36	152	.4	5
ON 125 0 N	34	108	.4	80
ON 150 0 N	36	124	.6	5
ON 175 0 N	28	150	.4	5
ON 200 0 N	27	132	.5	15
ON 225 0 N	28	148	.4	5
ON 250 0 N	20	154	.3	25
ON 275 0 N	19	138	.5	5
ON 300 0 N	29	162	.3	5
ON 325 0 N	30	176	.3	5
ON 350 0 N	29	165	.3	5
1N 0 0 N	30	140	.5	5
0+50N 0 0 N	26	135	.5	5
ON 0 0 N	27	138	.3	5
FORK CREEK	45	102	.4	15
CR SILT	22	80	.3	5

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:253-3158 TELEX:04-53124

DATE RECEIVED OCT 14 1983

DATE REPORTS MAILED

Oct 20/83

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PRULVERIZED TO -100 MESH.

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

ALTAR GOLD

FILE # 83-2573B

PAGE# 1

SAMPLE	AG	AU
	OZ/TON	OZ/TON
71402	.01	.001
71403	.01	.001
71404	.01	.001
71405	.01	.001
71406	.01	.001

ICP GEOCHEMICAL ANALYSIS

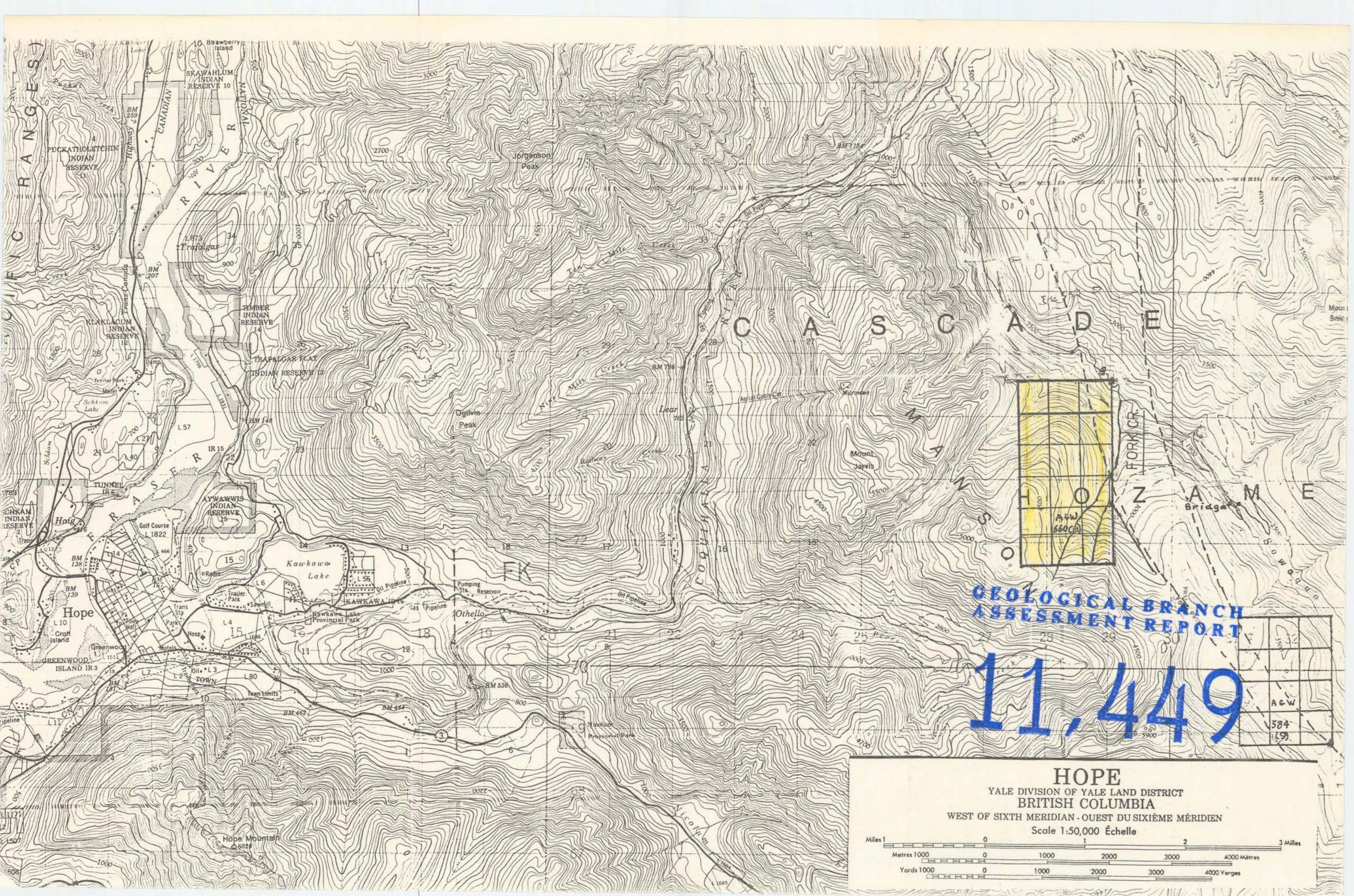
A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEAD IS PARTIAL FOR: Ca, P, Mg, Al, Ti, La, Na, K, W, Ba, Bi, Sr, Cr AND B. Au DETECTION 3 ppa.
 SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED OCT 14 1983 DATE REPORTS MAILED Oct 20/83 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

ALTAR GOLD FILE # 83-2573B

PAGE # 1

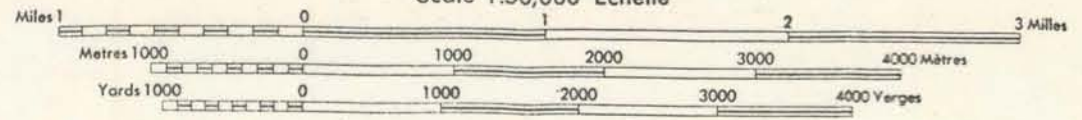
SAMPLE #	Ko	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	I	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	I	I	ppa	ppa	I	ppa	I	I	I	I	I	ppa
71402	6	35	20	77	.1	1863	90	739	5.95	11	11	ND	2	4	1	2	2	49	.05	.05	2	2131	23.70	6	.05	80	.65	.05	.05	2
71403	3	2	1	15	.1	2130	91	654	4.25	2	30	ND	2	1	1	2	2	14	.05	.05	2	687	25.95	2	.05	121	.40	.05	.05	2
71404	1	75	1	47	.1	53	19	320	3.75	22	6	ND	2	15	1	2	2	104	2.00	.05	2	47	1.85	6	.60	5	4.95	2.75	.10	2
71405	1	79	1	20	.1	27	7	253	1.55	20	2	2	2	16	1	2	2	46	2.35	.05	2	35	.90	6	.25	2	2.80	2.35	.10	2
71406	1	14	7	19	.1	13	3	115	1.05	20	35	ND	2	9	1	2	2	22	.45	.05	2	30	.55	5	.10	2	11.20	10.35	.20	2



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HOPE
YALE DIVISION OF YALE LAND DISTRICT
BRITISH COLUMBIA
WEST OF SIXTH MERIDIAN - OUEST DU SIXIÈME MÉRIDIEN
Scale 1:50,000 Échelle



JESSI "D"
336(9)

JESSI "H"
337(9)

JESSI "J"
338(9)

GRAVEL ROAD

SOWAQUA CR.

FORK CR.

NORTH

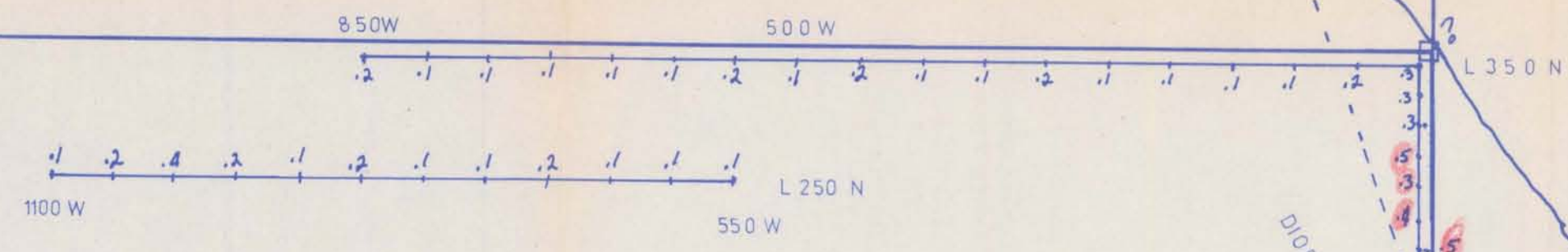
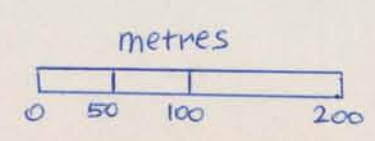
A+W 660(10)
3W*6S

A+W 18 UNITS CLAIM
FOR
ALTAR GOLD CORP.

LEGEND

-----	ROCK CONTACT
□	CLAIM POST
SCALE 1 CM. = 50M.	

SILVER GEOCHEM MAP
.1-.6 P.P.M. (PARTS PER MILLION)

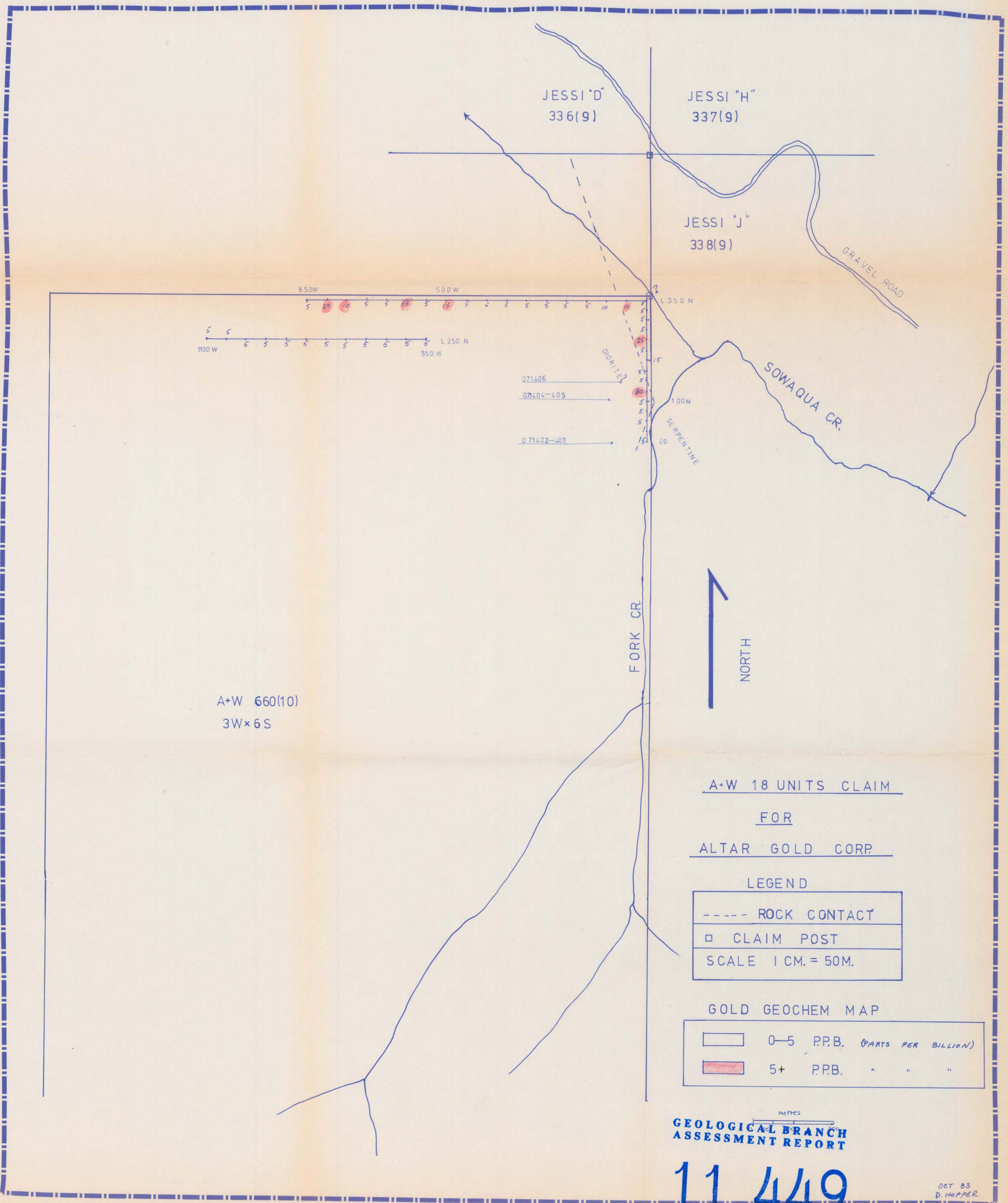


DIORITE?
071406
071404-405
071402-403

100N
SERPENTINE
00

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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A+W 660(10)
3Wx6S

A+W 18 UNITS CLAIM

FOR

ALTAR GOLD CORP

LEGEND

-----	ROCK CONTACT
□	CLAIM POST
SCALE 1 CM. = 50M.	

GOLD GEOCHEM MAP

□	0-5 P.P.B. (PARTS PER BILLION)
■	5+ P.P.B. " " "

metres
GEOLOGICAL BRANCH
ASSESSMENT REPORT

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OCT 83
D. HOPPER