

**GEOCHEMICAL
ASSESSMENT REPORT**

on the

FLIP CLAIM

(ALOCIN PROPERTY)

VERNON MINING DIVISION

BRITISH COLUMBIA

NTS: 82L/4W, 82E/13W
Latitude: 50° 00.5' North
Longitude: 119° 46' West
Owner: Chevron Minerals Ltd.
Consultants: Discovery Consultants
Author: W.R. Gilmour
Date: August 28, 1990

DISCOVER

20269

LOG NO: 09-18	RD.
ACTION:	
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GEOCHEMICAL
ASSESSMENT REPORT

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GEOLOGICAL BRANCH
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20,269

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SUMMARY

The ALOCIN property, owned by Chevron Minerals Ltd., consists of 43 claim units located 25 km northwest of Kelowna in south-central British Columbia.

The property is underlain by the Jurassic/Cretaceous Okanagan Batholith which cuts Upper Triassic Nicola Group sedimentary rocks.

The property was staked in 1987 through 1989 to evaluate the gold potential of an area peripheral to porphyry molybdenum/copper mineralization. Follow-up heavy mineral sampling, minor soil sampling and prospecting were carried out in 1988 and 1989.

This report describes the work done on the FLIP claim on July 4 and 5, 1990. This program was carried out for the purpose of fulfilling assessment requirements. A reconnaissance geochemical soil survey comprising 89 samples was carried out over a portion of the property.

No anomalous gold values were obtained although a significant copper anomaly was outlined.

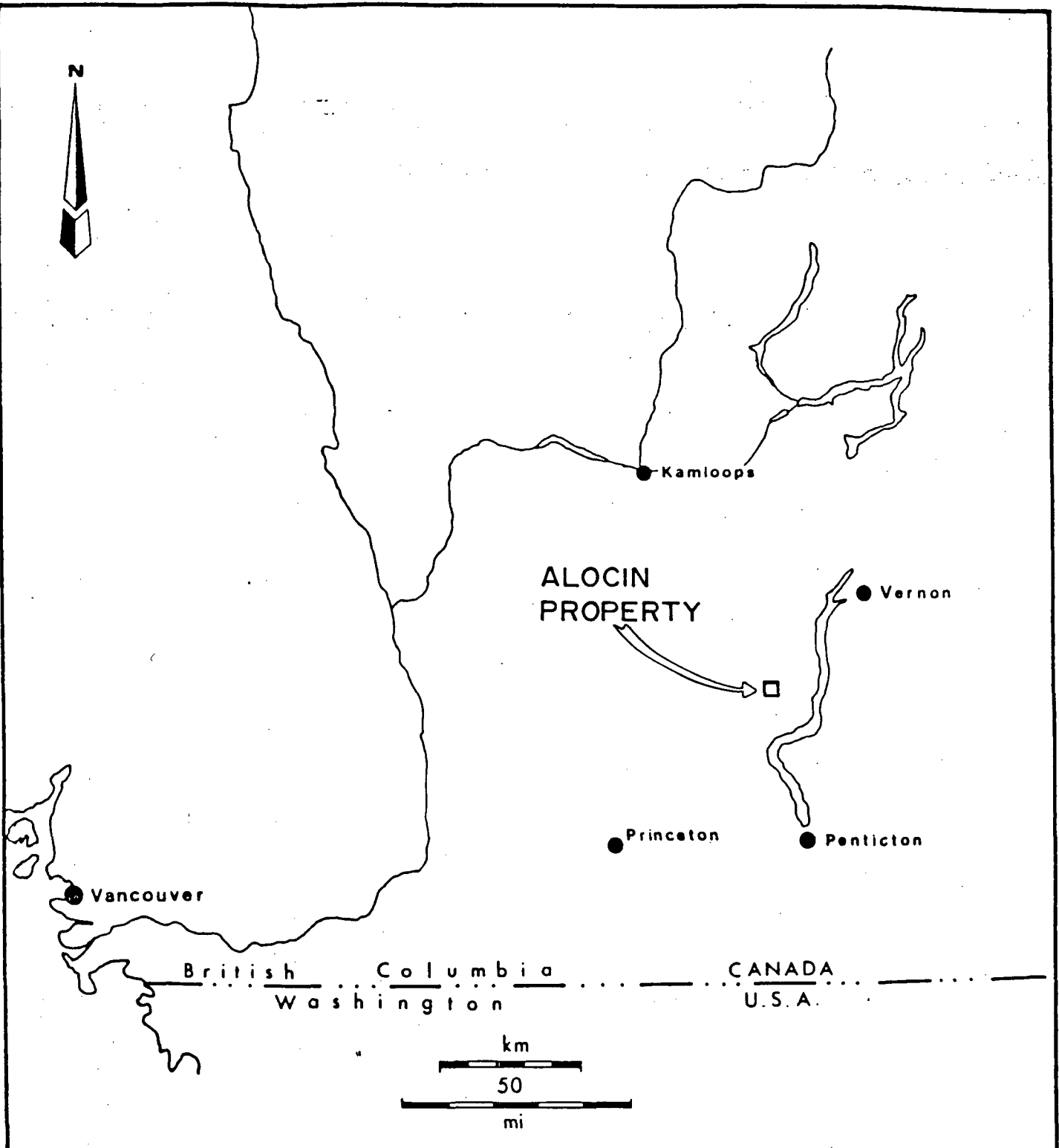
LOCATION, ACCESS, TOPOGRAPHY

The ALOCIN property is located 25 km northwest of Kelowna in the Thompson Plateau of south-central British Columbia (Figure 1). The claims are situated west of Whiterocks Mountain, east and south of Tadpole Lake and south of North Lambly Creek.

The approximate centre of the property is near the headwaters of Bit Creek at Latitude 50°00.5' North and Longitude 119°46' West. The UTM coordinates are from 299970 to 302700 east and 5541100 to 5546040 north.

The property is accessible by well maintained logging roads from Westside Road, via Bear Creek Main and then Whiterocks Main.

The northern portion of the property drains into North Lambly Creek and the southern portion is drained by Bit Creek, a tributary of Powers Creek. Relief is gentle to moderate with elevations ranging from about 1580 m above sea level in both North Lambly and Bit Creeks to 1850 m on the west flank of Whiterocks Mountain.



DISCOVERY Consultants	Chevron Minerals Ltd.				
<i>ALOCIN PROPERTY</i>	<i>LOCATION MAP</i>				
DATE: Aug. 28/90	PROJECT: 325	SCALE: as shown	N.T.S.: 82-L/4W	M.D.: VERNON	FIGURE: 1

PROPERTY

The ALOCIN property consists of three 4-post claims totalling 43 units in the Vernon Mining Division, British Columbia (Figure 2). The claims were located on July 5, 1987, July 5, 1988, and February 2, 1989 and are owned by Chevron Minerals Ltd. The following table lists the pertinent claim information.

<u>Claim Name</u>	<u>Units</u>	<u>Record #</u>	<u>Expiry Date</u>	<u>Owner</u>
Flip	20	2299	July 8, 1991*	Chevron Minerals Ltd.
Alocin 1	15	3110	Feb. 2, 1991	Chevron Minerals Ltd.
Alocin 2	8	2800	July 6, 1991*	Chevron Minerals Ltd.

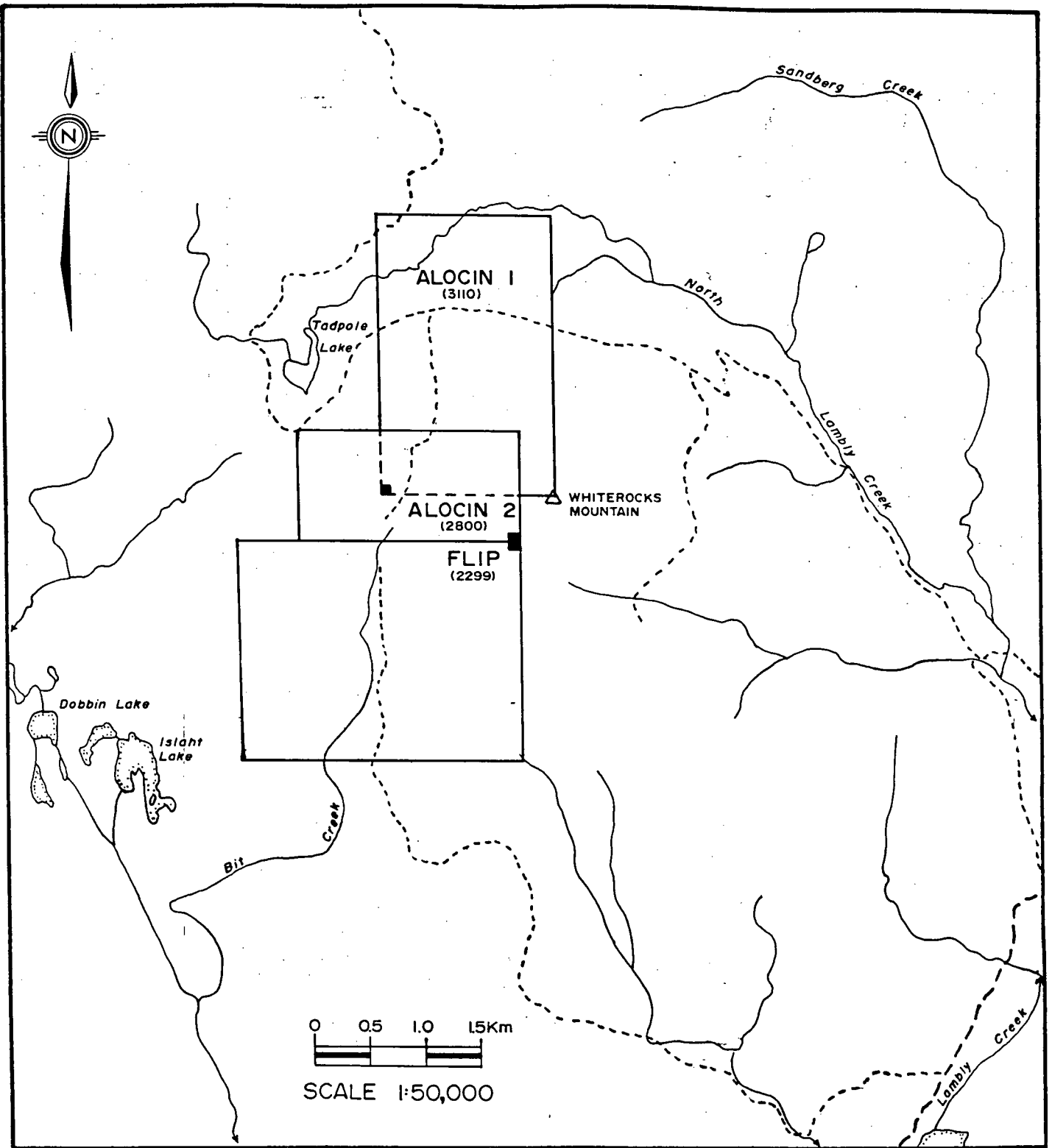
* Pending acceptance of this report.

The claims are grouped as the ALOCIN Group.

The FLOP property is located 1200 m northwest of the northwest corner of the ALOCIN property.

HISTORY

The area has previously been explored for Mo-Cu porphyry deposits, most recently by Cominco. The property was staked to evaluate the gold potential of an area peripheral to porphyry molybdenum/copper mineralization. Minor soil sampling, rock sampling, prospecting and heavy mineral drainage sampling were carried out in 1988 and 1989. Moderate gold anomalies occur in the sediments of north and south flowing creeks, with Bit Creek having the highest value. No significant gold soil anomalies were discovered.



DISCOVERY Consultants		Chevron Minerals Ltd.	
<i>ALOCIN PROPERTY</i>		<i>CLAIM MAP</i>	
DATE: Aug. 28/90	PROJECT: 325	SCALE: 1:50,000	N.T.S.: 82-L/4W
		M.D.: VERNON	FIGURE: 2

GEOLOGY AND MINERALIZATION

Published regional mapping shows the area to be underlain by Upper Triassic volcanic and sedimentary rocks of the Nicola Group which have been intruded by the Jurassic/Cretaceous Okanagan Batholith.

On the property, the Nicola consists of argillite, quartzite and limestone units. Jurassic/Cretaceous pyroxenites, gabbros, monzonites and diorites form a complex intrusive suite.

A large zone of low grade molybdenum mineralization (Dobbin Deposit) occurs 3 km to the northwest and the Brenda Mine, a molybdenum-copper deposit, is situated 27 km to the southwest. The Northern Miner reported (January 9, 1989) that Rea Gold was exploring an auriferous stockwork on the nearby FLAP property. Previous work by Chevron has indicated the following:

1. Copper and molybdenum mineralization both occur, but not together.
2. Copper enriched areas have elevated but not generally significantly anomalous gold values.
3. There appears to be more platinum than gold in the soils.

To date no significant gold mineralization has been discovered.

GEOCHEMICAL SOIL SURVEY

A brief program of exploration, for the purpose of fulfilling assessment requirements, was carried out on July 4 and 5, 1990.

A 1600 m north-south baseline was installed and 89 soil samples were collected on a 200 x 100 metre grid. The grid comprised nine east-west lines, 200 m apart, covering much of the upper drainage of Bit Creek (Figure 3). Soil samples were collected at 100 m intervals from the 'B' horizon at an average depth of 25 cm, placed in kraft paper bags and sent to Bondar-Clegg & Co. in North Vancouver, B.C. The -80 mesh fraction was analysed for gold by the fire assay/atomic absorption method and the 27 other elements by I.C.P. methods following hot HNO_3 -HCl extraction (Appendix 1).

Gold values ranged from <5 to 12 ppb (Figure 4). A strong copper anomaly, with values up to 1997 ppm occurs west of Bit Creek (Figure 5). This linear anomaly appears to be at least 800 m long and has elevated zinc values associated with it (Figure 6).

A table of all the analytical results is in Appendix 2. The table also shows the maximum and minimum values for each element along with the 25 percentile, median, 75 percentile and 95 percentile values.

CONCLUSIONS

1. No significant gold anomalies were located by the soil survey.
2. A significant copper anomaly in soils has been partly delineated.

RECOMMENDATIONS

1. Carry out a brief geological investigation of the copper soil anomaly.

Respectfully submitted,



W.R. Gilmour

August 28, 1990

REFERENCES

- | | | |
|--|------|---|
| Butrenchuk, S. | 1989 | Geochemical Assessment Report on the Alocin Property |
| Myers, R.E.
Taylor, W.A. and
Tempelman-Kluit, D.J. | 1989 | Lode Gold-Silver Occurrences of the Okanagan Region; M.E.M.P.R. Open File 1989-5 |
| Osatenko, M.J. | 1979 | Assessment Report of Geology, Soil Geochemistry, Percussion and Diamond Drilling on the Dobbin Property (#7596) |
| Ziebart, P. | 1988 | Prospecting Report on the Flip Claim |

STATEMENT OF COSTS

1.	Professional Services Supervision, report writing W.R. Gilmour, geologist 1 day @ \$400/day		\$ 400.00
2.	Personnel Soil sampling, July 4 & 5, 1990 R. Patrick 2 days @ \$271.04 C. Furlong 2 days @ \$169.40	\$ 542.08 <u>338.80</u>	880.88
3.	Drafting		200.00
4.	Transportation (4 x 4 vehicle) 2 days @ \$130		260.00
5.	Analysis and Sample Preparation Au + 27 element ICP 89 samples @ \$17/sample		1513.00
6.	Data compilation, secretarial, printing		<u>100.00</u>
		Total	<u><u>\$ 3353.88</u></u>

STATEMENT OF QUALIFICATIONS

I, WILLIAM R. GILMOUR of 13511 Sumac Lane, Vernon, B.C.,
V1B 1A1, DO HEREBY CERTIFY that:

1. I am a consulting geologist in mineral exploration associated with Discovery Consultants, Vernon, B.C.
2. I have been practising my profession for 20 years.
3. I am a graduate of the University of British Columbia with a Bachelor of Science degree in geology.
4. I am a Fellow of the Geological Association of Canada.
5. This report is based upon knowledge on the ALOCIN property gained from direct supervision of exploration work on the property.
6. I hold a direct beneficial interest in the ALOCIN property through an agreement with Chevron Minerals Ltd.



William R. Gilmour

Vernon, B.C.
August 28, 1990

APPENDIX 1

ANALYTICAL PROCEDURES

Geochemical Analysis

by Bondar-Clegg :

<u>ELEMENT</u>	<u>LOWER DETECTION LIMIT</u>	<u>EXTRACTION</u>	<u>METHOD</u>
Au Gold	5.0 ppb	fire-assay	atomic absorption
Ag Silver	0.2 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Al* Aluminum	0.02 %	HNO ₃ -HCl hot extr	ind. coupled plasma
As Arsenic	5.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Ba* Barium	5.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Bi Bismuth	5.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Ca* Calcium	0.05 %	HNO ₃ -HCl hot extr	ind. coupled plasma
Cd Cadmium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Co* Cobalt	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Cr* Chromium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Cu Copper	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Fe* Iron	0.01 %	HNO ₃ -HCl hot extr	ind. coupled plasma
K* Potassium	0.05 %	HNO ₃ -HCl hot extr	ind. coupled plasma
La* Lanthanum	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Mg* Magnesium	0.05 %	HNO ₃ -HCl hot extr	ind. coupled plasma
Mn* Manganese	0.01 %	HNO ₃ -HCl hot extr	ind. coupled plasma
Mo* Molybdenum	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Na* Sodium	0.05 %	HNO ₃ -HCl hot extr	ind. coupled plasma
Ni* Nickel	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Pb Lead	2.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Sb* Antimony	5.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Sn* Tin	20.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Sr* Strontium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Te* Tellurium	10.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
V* Vanadium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
W* Tungsten	10.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Y Yttrium	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma
Zn Zinc	1.0 ppm	HNO ₃ -HCl hot extr	ind. coupled plasma

■ Please note: certain mineral forms of those elements above marked with an asterisk will not be soluble in the HNO₃/HCl extraction. The ICP data will be low biased.

APPENDIX 2

Date of Report: 17-07-90

Project 325

Alocin

Soil Sampling Results
1990

Reference: v90-01270.0

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
L13S 13W	<5	0.3	6	87	<5	10	36	61	3.79	2	21	7	<5	78
L13S 12W	<5	0.9	22	94	<5	56	42	1997	6.55	17	45	7	<5	175
L13S 11W	<5	0.6	12	96	<5	15	37	124	4.25	15	18	6	7	88
L13S 10W	<5	0.6	<5	134	<5	13	39	45	3.75	4	16	6	<5	96
L13S 09W	<5	0.7	13	95	<5	13	41	38	3.84	3	15	5	<5	64
L13S 08W	<5	0.6	<5	131	<5	5	26	30	1.85	2	10	7	<5	52
L13S 07W	<5	0.6	7	83	<5	9	35	31	3.55	2	11	6	<5	46
L13S 06W	<5	1.0	<5	160	<5	10	50	30	4.68	1	19	6	<5	48
L15S 14W	<5	0.6	<5	66	<5	14	32	143	5.62	1	15	11	<5	115
L15S 13W	<5	0.8	<5	82	6	21	39	1317	5.11	4	64	9	<5	219
L15S 12W	<5	0.6	<5	109	<5	15	40	137	4.65	4	22	10	8	105
L15S 11W	<5	0.4	<5	87	<5	10	32	49	3.98	4	13	9	<5	70
L15S 10W	<5	0.5	<5	145	<5	10	32	55	4.05	1	18	8	<5	90
L15S 09W	<5	0.3	<5	99	<5	11	45	37	4.27	2	19	7	<5	74
L15S 08W	<5	0.5	<5	90	<5	13	46	30	4.25	2	16	8	<5	67
L15S 07W	<5	0.4	<5	117	<5	9	38	29	3.24	3	17	5	<5	56
L15S 06W	12	0.9	<5	182	<5	20	69	54	6.69	<1	22	8	<5	92
L17S 15W	<5	0.6	<5	112	<5	21	37	140	6.68	<1	19	5	<5	121
L17S 14W	<5	0.6	<5	133	<5	23	38	255	5.98	2	25	9	<5	137
L17S 13W	<5	0.6	7	105	<5	18	36	237	5.03	3	24	9	6	131
L17S 12W	<5	0.9	<5	112	<5	19	39	189	5.20	2	22	6	<5	118
L17S 11W	<5	0.3	<5	84	<5	9	32	46	3.44	3	16	5	<5	58
L17S 10W	<5	0.3	8	83	<5	7	21	27	2.90	2	11	7	<5	52
L17S 09W	<5	0.4	13	73	<5	6	22	12	3.46	2	8	7	6	60
L17S 08W	<5	0.8	5	105	<5	3	12	24	0.38	6	6	4	<5	5
L17S 07W	<5	0.4	<5	87	<5	11	39	31	3.66	3	14	6	<5	62
L17S 06W	<5	0.4	<5	87	<5	9	33	20	3.02	3	16	6	<5	65
L19S 16W	<5	0.4	8	95	<5	14	32	231	3.86	2	36	8	<5	133
L19S 15W	6	0.2	6	99	<5	9	30	29	3.21	3	22	7	<5	86
L19S 14W	<5	0.4	<5	92	<5	6	25	28	4.37	3	11	12	<5	116
L19S 13W	<5	0.3	9	149	<5	14	34	45	3.86	1	21	6	<5	117
L19S 12W	<5	2.0	<5	188	<5	7	21	190	2.71	3	22	6	<5	60
L19S 11W	8	0.7	<5	181	<5	14	36	106	4.90	4	17	8	<5	82
L19S 10W	<5	0.3	8	76	<5	10	27	41	3.32	2	14	7	<5	61
L19S 09W	<5	0.3	<5	121	<5	9	31	18	2.66	3	17	5	<5	50
L19S 08W	<5	0.7	<5	130	<5	9	30	29	3.38	2	20	6	<5	58
L19S 07W	<5	0.5	<5	175	<5	9	41	48	3.62	6	24	7	<5	71
L19S 06W	<5	0.3	<5	108	<5	12	38	26	3.61	2	16	5	<5	79
L21S 16W	<5	0.2	<5	93	<5	12	37	38	3.53	3	23	8	<5	95
L21S 15W	<5	0.4	<5	86	<5	11	27	34	3.00	4	20	8	<5	145

Project 325

Soil Sampling Results (part 2)

Sample ID	Al %	Ca %	Cd ppm	K %	La ppm	Hg %	Mn %	Na ppm	Sn ppm	Sr ppm	Te ppm	V ppm	W ppm	Y ppm
L13S 13W	2.60	0.18	<1	0.09	8	0.61	0.03	<0.05	<20	21	<10	90	<10	5
L13S 12W	1.99	1.01	<1	0.10	10	0.86	0.08	<0.05	<20	56	11	138	<10	10
L13S 11W	2.23	0.72	<1	0.11	12	0.73	0.05	<0.05	<20	39	<10	110	<10	9
L13S 10W	2.23	0.65	<1	0.10	11	0.64	0.06	<0.05	<20	51	<10	104	<10	7
L13S 09W	2.00	0.40	<1	0.09	9	0.52	0.05	<0.05	<20	35	<10	95	<10	6
L13S 08W	1.38	0.38	<1	0.07	7	0.34	0.02	<0.05	<20	27	<10	51	<10	5
L13S 07W	1.67	0.32	<1	0.08	7	0.37	0.02	<0.05	<20	27	<10	82	<10	5
L13S 06W	2.20	0.45	<1	0.07	7	0.45	0.02	<0.05	<20	30	<10	121	<10	6
L15S 14W	1.86	0.56	<1	0.13	6	0.94	0.09	<0.05	<20	41	<10	130	<10	6
L15S 13W	2.32	0.78	1	0.13	10	0.81	0.09	<0.05	<20	48	<10	116	<10	8
L15S 12W	2.24	0.42	<1	0.17	8	0.73	0.05	<0.05	<20	39	<10	106	<10	7
L15S 11W	1.82	0.39	<1	0.09	6	0.48	0.04	<0.05	<20	26	<10	97	<10	5
L15S 10W	2.86	0.34	<1	0.16	9	0.59	0.05	<0.05	<20	37	<10	84	<10	7
L15S 09W	2.21	0.33	<1	0.10	9	0.54	0.04	<0.05	<20	29	<10	99	<10	6
L15S 08W	1.63	0.45	<1	0.08	7	0.51	0.05	<0.05	<20	35	11	104	<10	5
L15S 07W	1.86	0.30	<1	0.11	10	0.44	0.03	<0.05	<20	25	<10	80	<10	6
L15S 06W	2.30	0.82	<1	0.08	9	0.75	0.09	<0.05	<20	46	10	163	<10	9
L17S 15W	2.59	0.55	<1	0.34	7	1.38	0.08	<0.05	<20	51	11	151	<10	6
L17S 14W	2.52	0.65	<1	0.36	9	1.12	0.07	<0.05	<20	48	11	139	<10	8
L17S 13W	2.50	0.51	<1	0.20	10	0.82	0.08	<0.05	<20	35	<10	111	<10	9
L17S 12W	2.42	0.67	<1	0.14	9	0.81	0.09	<0.05	<20	45	<10	122	<10	8
L17S 11W	2.04	0.20	<1	0.07	7	0.42	0.02	<0.05	<20	25	<10	80	<10	5
L17S 10W	1.87	0.21	<1	0.06	8	0.33	0.03	<0.05	<20	27	<10	67	<10	6
L17S 09W	1.33	0.22	<1	0.08	5	0.32	0.04	<0.05	<20	74	<10	84	<10	2
L17S 08W	0.74	1.62	<1	<0.05	15	0.09	0.02	<0.05	<20	68	<10	21	<10	13
L17S 07W	1.76	0.61	<1	0.08	11	0.53	0.05	<0.05	<20	41	<10	94	<10	7
L17S 06W	1.97	0.19	<1	0.07	7	0.35	0.03	<0.05	<20	17	<10	69	<10	5
L19S 16W	2.89	0.57	<1	0.10	11	0.71	0.06	<0.05	<20	34	<10	89	<10	8
L19S 15W	2.12	0.16	<1	0.06	9	0.48	0.06	<0.05	<20	19	<10	72	<10	5
L19S 14W	1.71	0.14	<1	0.08	6	0.55	0.03	<0.05	<20	17	<10	103	<10	4
L19S 13W	2.34	0.24	<1	0.08	7	0.58	0.05	<0.05	<20	21	<10	91	<10	5
L19S 12W	2.52	1.03	<1	0.09	19	0.33	0.05	<0.05	<20	43	<10	60	<10	18
L19S 11W	3.00	0.41	<1	0.12	8	0.64	0.06	<0.05	<20	43	<10	116	<10	7
L19S 10W	2.09	0.26	<1	0.07	6	0.35	0.03	<0.05	<20	26	<10	79	<10	4
L19S 09W	1.74	0.44	<1	0.08	9	0.38	0.03	<0.05	<20	26	<10	63	<10	6
L19S 08W	2.63	0.60	<1	0.08	11	0.33	0.02	<0.05	<20	32	<10	71	<10	9
L19S 07W	2.88	0.66	<1	0.10	14	0.51	0.04	<0.05	<20	42	<10	86	<10	10
L19S 06W	2.01	0.44	<1	0.08	8	0.43	0.04	<0.05	<20	31	<10	85	<10	5
L21S 16W	2.23	0.25	<1	0.07	7	0.59	0.03	<0.05	<20	20	<10	84	<10	5
L21S 15W	2.16	1.18	<1	0.06	6	0.44	0.08	<0.05	<20	40	<10	61	<10	6

Date of Report: 17-07-90

Project 325

Alocin

Soil Sampling Results
1990

Reference: v90-01270.0

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
L21S 14W	<5	0.3	<5	88	<5	10	33	42	3.88	1	21	6	<5	93
L21S 13W	<5	0.3	<5	256	<5	16	46	35	4.35	2	30	5	5	124
L21S 12W	<5	0.3	<5	106	<5	10	33	30	3.46	2	19	7	<5	76
L21S 11W	<5	0.5	<5	89	<5	9	26	28	3.14	1	13	6	<5	62
L21S 10W	<5	0.7	<5	206	<5	8	30	67	2.62	22	21	8	5	63
L21S 09W	<5	0.3	<5	77	<5	9	26	57	3.10	2	13	7	<5	54
L21S 08W	<5	0.5	13	99	<5	8	31	21	3.01	2	19	6	<5	65
L21S 07W	<5	0.4	<5	77	<5	8	28	20	2.93	2	16	4	<5	59
L21S 06W	<5	0.4	<5	152	<5	12	45	38	3.79	2	22	8	6	60
L23S 16W	<5	0.2	<5	124	<5	12	42	28	3.90	1	25	8	<5	94
L23S 15W	6	0.6	7	107	<5	13	37	47	3.75	2	38	8	<5	109
L23S 14W	<5	0.4	<5	105	<5	12	35	54	3.41	2	33	6	<5	113
L23S 13W	<5	0.3	<5	132	<5	10	36	26	3.04	<1	21	4	<5	61
L23S 12W	<5	0.5	<5	134	<5	13	41	39	4.73	4	17	6	<5	108
L23S 11W	<5	0.4	<5	181	<5	14	37	88	4.19	4	21	8	<5	73
L23S 10W	<5	0.4	<5	93	<5	10	29	42	3.46	3	17	5	<5	66
L23S 09W	<5	0.5	<5	109	<5	12	33	61	3.90	2	20	3	<5	88
L23S 08W	7	0.3	7	74	<5	11	37	53	4.13	2	16	6	<5	54
L23S 07W	<5	0.3	<5	81	<5	8	28	16	2.75	3	17	4	<5	68
L25S 16W	<5	0.5	10	145	<5	12	63	25	4.35	2	37	7	<5	103
L25S 15W	<5	0.4	<5	134	<5	11	46	26	3.39	2	27	9	<5	91
L25S 14W	<5	0.5	22	120	<5	10	37	22	3.11	3	25	10	<5	89
L25S 13W	<5	0.4	<5	141	<5	3	8	39	0.55	7	11	<2	<5	24
L25S 12W	<5	0.4	<5	76	<5	11	51	29	4.59	1	14	5	<5	58
L25S 11W	<5	1.1	<5	142	<5	7	22	27	1.66	10	11	6	<5	36
L25S 10W	<5	0.2	<5	115	<5	10	32	32	3.13	3	18	3	<5	51
L25S 09W	<5	0.4	<5	125	<5	12	31	47	3.75	1	21	4	<5	53
L25S 08W	<5	0.5	<5	90	<5	10	27	33	3.57	2	14	4	<5	83
L25S 07W	<5	0.3	<5	144	<5	11	37	32	3.57	2	20	5	<5	85
L27S 16W	<5	0.3	10	116	<5	10	45	35	3.76	1	33	9	<5	114
L27S 15W	<5	0.9	<5	155	<5	13	44	44	3.45	3	38	7	<5	134
L27S 14W	<5	0.4	13	134	<5	11	51	29	3.87	2	26	4	<5	107
L27S 13W	<5	0.5	15	188	<5	10	46	27	3.11	6	28	9	<5	89
L27S 12W	<5	0.4	<5	127	<5	10	36	25	2.95	7	22	5	<5	75
L27S 11W	<5	0.7	<5	94	<5	6	31	24	2.56	9	19	4	<5	49
L27S 10W	<5	0.4	8	92	<5	7	31	21	2.81	1	17	7	<5	61
L27S 09W	<5	0.3	7	95	<5	9	27	20	2.91	2	15	6	<5	62
L27S 08W	<5	0.4	5	114	<5	8	29	23	3.26	2	15	8	<5	71
L27S 07W	<5	<0.2	30	118	<5	9	28	25	3.45	3	18	7	<5	100
L29S 16W	<5	0.4	12	145	<5	14	33	22	3.77	2	22	7	<5	123

Project 325

Soil Sampling Results (part 2)

Sample ID	Al %	Ca %	Cd ppm	K %	La ppm	Mg %	Mn %	Na ppm	Sn ppm	Sr ppm	Te ppm	V ppm	W ppm	Y ppm
L21S 14W	2.08	0.21	<1	0.07	6	0.56	0.03	<0.05	<20	22	<10	86	<10	4
L21S 13W	2.78	0.15	<1	0.10	6	0.80	0.03	<0.05	<20	19	<10	106	<10	4
L21S 12W	2.17	0.17	<1	0.08	6	0.55	0.02	<0.05	<20	18	<10	84	<10	5
L21S 11W	2.13	0.20	<1	0.06	7	0.31	0.03	<0.05	<20	21	<10	71	<10	5
L21S 10W	2.61	0.40	<1	0.12	18	0.45	0.04	<0.05	<20	41	<10	62	<10	11
L21S 09W	2.15	0.22	<1	0.06	8	0.30	0.02	<0.05	<20	22	<10	70	<10	6
L21S 08W	1.95	0.17	<1	0.08	9	0.42	0.02	<0.05	<20	17	<10	70	<10	5
L21S 07W	1.77	0.15	<1	0.06	7	0.32	0.02	<0.05	<20	14	<10	67	<10	4
L21S 06W	1.84	0.43	<1	0.13	10	0.54	0.04	<0.05	<20	34	<10	96	<10	8
L23S 16W	2.56	0.15	<1	0.09	8	0.69	0.03	<0.05	<20	15	<10	93	<10	6
L23S 15W	2.39	0.54	<1	0.06	10	0.60	0.03	<0.05	<20	25	<10	90	<10	10
L23S 14W	2.31	0.76	<1	0.06	7	0.57	0.07	<0.05	<20	32	<10	82	<10	6
L23S 13W	1.75	0.22	<1	0.07	5	0.49	0.02	<0.05	<20	23	<10	78	<10	4
L23S 12W	1.85	0.58	<1	0.07	7	0.52	0.11	<0.05	<20	37	<10	112	<10	6
L23S 11W	1.54	0.75	<1	0.35	15	0.73	0.06	<0.05	<20	49	<10	99	<10	11
L23S 10W	1.76	0.33	<1	0.08	6	0.39	0.03	<0.05	<20	27	<10	82	<10	5
L23S 09W	2.20	0.42	<1	0.11	9	0.52	0.04	<0.05	<20	34	<10	91	<10	7
L23S 08W	1.55	0.40	<1	0.09	6	0.54	0.03	<0.05	<20	32	<10	104	<10	4
L23S 07W	1.59	0.17	<1	0.06	6	0.33	0.02	<0.05	<20	14	<10	64	<10	3
L25S 16W	2.70	0.17	<1	0.08	5	1.09	0.03	<0.05	<20	20	<10	118	<10	6
L25S 15W	2.34	0.18	<1	0.07	7	0.59	0.03	<0.05	<20	19	<10	83	<10	5
L25S 14W	2.01	0.22	<1	0.06	5	0.49	0.05	<0.05	<20	22	<10	76	<10	4
L25S 13W	0.41	3.86	1	<0.05	5	0.09	0.10	<0.05	<20	85	<10	24	<10	5
L25S 12W	1.72	0.25	<1	0.06	5	0.37	0.03	<0.05	<20	25	<10	112	<10	4
L25S 11W	1.21	0.72	<1	<0.05	15	0.29	0.02	<0.05	<20	55	<10	43	<10	9
L25S 10W	1.85	0.30	<1	0.10	9	0.52	0.02	<0.05	<20	23	<10	77	<10	7
L25S 09W	1.70	0.39	<1	0.16	9	0.52	0.03	<0.05	<20	27	<10	93	<10	8
L25S 08W	1.72	0.26	<1	0.06	5	0.36	0.03	<0.05	<20	20	<10	83	<10	4
L25S 07W	1.76	0.27	<1	0.10	7	0.47	0.05	<0.05	<20	22	<10	86	<10	5
L27S 16W	2.44	0.15	<1	0.11	7	0.67	0.04	<0.05	<20	12	<10	94	<10	4
L27S 15W	2.87	0.65	2	0.09	14	0.68	0.10	<0.05	<20	32	<10	87	<10	12
L27S 14W	2.69	0.20	<1	0.08	6	0.72	0.02	<0.05	<20	20	<10	92	<10	5
L27S 13W	2.52	0.33	<1	0.09	11	0.65	0.03	<0.05	<20	35	<10	82	<10	7
L27S 12W	2.29	0.25	<1	0.07	8	0.50	0.02	<0.05	<20	23	<10	73	<10	7
L27S 11W	2.61	0.26	<1	<0.05	9	0.40	0.01	<0.05	<20	22	<10	62	<10	7
L27S 10W	1.69	0.25	<1	0.07	8	0.43	0.02	<0.05	<20	23	<10	70	<10	6
L27S 09W	2.09	0.23	<1	0.06	7	0.33	0.02	<0.05	<20	19	<10	67	<10	5
L27S 08W	1.83	0.23	<1	0.07	10	0.35	0.03	<0.05	<20	23	<10	73	<10	7
L27S 07W	2.11	0.30	<1	0.10	7	0.58	0.04	<0.05	<20	19	<10	81	<10	7
L29S 16W	2.28	0.20	<1	0.09	6	0.56	0.05	<0.05	<20	15	<10	88	<10	4

Date of Report: 17-07-90

Project 325

Alocin

Soil Sampling Results
1990

Reference: v90-01270.0

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
L29S 15W	<5	0.7	<5	196	<5	12	39	40	3.91	2	41	9	<5	95
L29S 14W	<5	0.6	13	217	<5	14	50	35	3.98	8	32	7	<5	100
L29S 13W	<5	0.3	<5	138	<5	12	41	23	3.49	2	29	4	<5	91
L29S 12W	<5	0.4	<5	147	<5	12	42	27	3.39	2	30	2	<5	111
L29S 11W	<5	0.3	<5	117	<5	8	30	16	2.72	2	19	5	<5	70
L29S 10W	<5	0.4	<5	103	<5	9	33	21	3.15	2	21	7	<5	83
L29S 09W	<5	0.4	<5	111	<5	8	31	21	2.90	2	20	6	<5	65
L29S 08W	<5	0.3	6	95	<5	7	30	20	2.20	2	18	6	5	70
L29S 07W	<5	0.4	7	148	<5	10	31	24	3.05	2	20	6	<5	78

STATS :

min :	<5	<0.2	<5	66	<5	3	8	12	0.38	<1	6	<2	<5	5
max :	12	2.0	30	256	6	56	69	1997	6.69	22	64	12	8	219
25% ile :	<5	0.3	<5	92	<5	9	30	25	3.05	2	16	5	<5	61
50% ile :	<5	0.4	<5	111	<5	10	35	32	3.55	2	19	6	<5	78
75% ile :	<5	0.6	7	138	<5	13	39	48	3.98	3	22	8	<5	100
95% ile :	6	0.9	13	188	<5	20	50	231	5.62	9	38	9	6	134

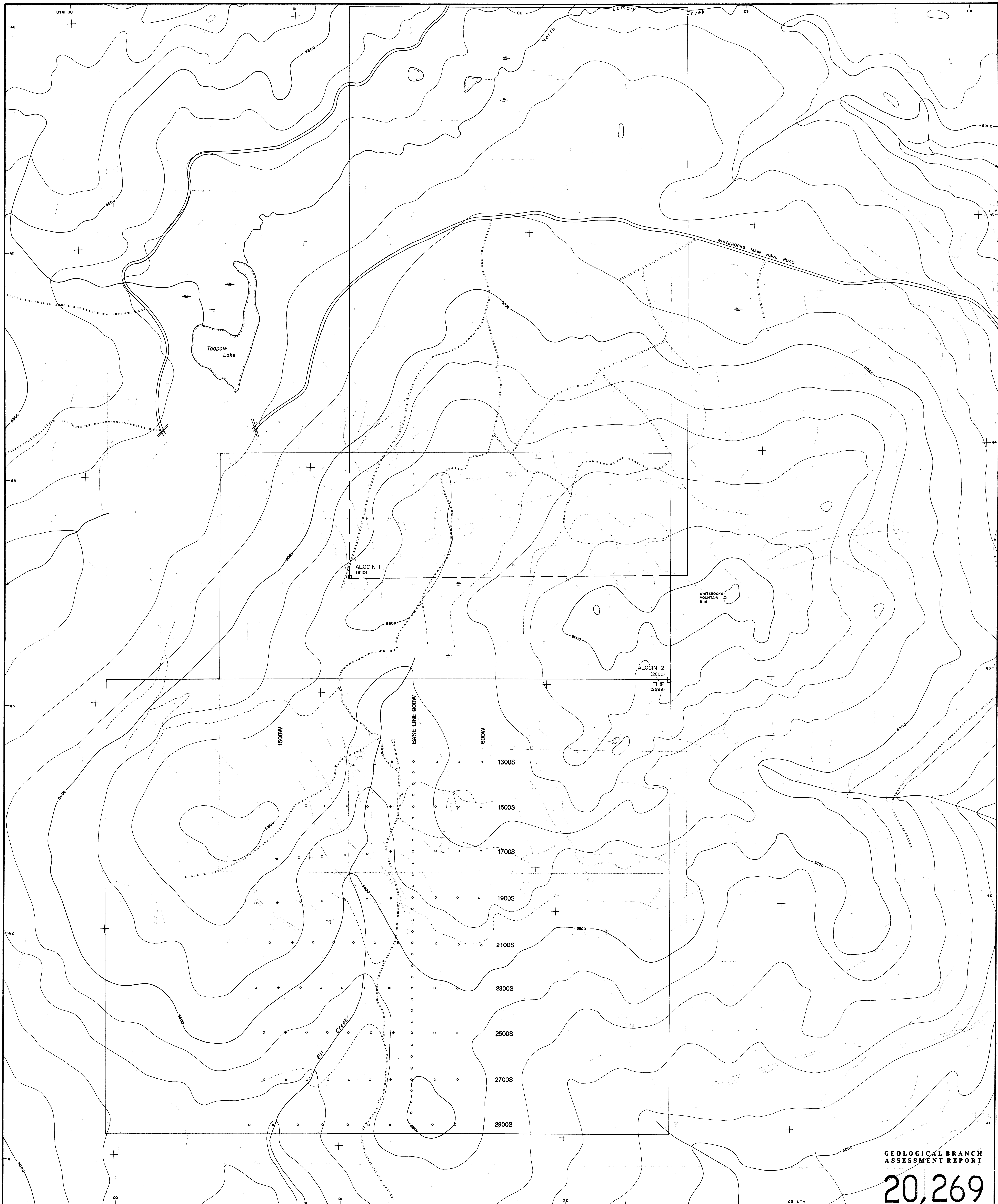
Project 325

Soil Sampling Results (part 2)

Sample ID	Al %	Ca %	Cd ppm	K %	La ppm	Mg %	Mn %	Na ppm	Sn ppm	Sr ppm	Te ppm	V ppm	W ppm	Y ppm
L29S 15W	2.98	0.60	<1	0.08	9	0.54	0.04	<0.05	<20	30	<10	87	<10	9
L29S 14W	2.45	0.32	<1	0.08	19	0.65	0.04	<0.05	<20	36	<10	97	<10	14
L29S 13W	2.30	0.21	<1	0.09	9	0.54	0.02	<0.05	<20	23	<10	79	<10	5
L29S 12W	2.16	0.23	<1	0.08	8	0.57	0.07	<0.05	<20	21	<10	82	<10	5
L29S 11W	1.83	0.19	<1	0.07	8	0.35	0.03	<0.05	<20	17	<10	64	<10	6
L29S 10W	2.02	0.16	<1	0.06	8	0.42	0.03	<0.05	<20	15	<10	74	<10	5
L29S 09W	1.99	0.19	<1	0.07	9	0.42	0.02	<0.05	<20	22	<10	67	<10	6
L29S 08W	1.86	0.20	<1	0.07	7	0.49	0.02	<0.05	<20	19	<10	62	<10	6
L29S 07W	1.91	0.37	<1	0.08	8	0.42	0.07	<0.05	<20	35	<10	71	<10	6

STATS :

min :	0.41	0.14	<1	<0.05	5	0.09	0.01	<0.05	<20	12	<10	21	<10	2
max :	3.00	3.86	2	0.36	19	1.38	0.11	<0.05	<20	85	11	163	<10	18
25% ile :	1.82	0.21	<1	0.07	7	0.39	0.02	<0.05	<20	21	<10	71	<10	5
50% ile :	2.11	0.32	<1	0.08	8	0.52	0.03	<0.05	<20	27	<10	84	<10	6
75% ile :	2.39	0.55	<1	0.10	9	0.61	0.05	<0.05	<20	37	<10	97	<10	7
95% ile :	2.87	1.01	<1	0.17	15	0.86	0.09	<0.05	<20	55	10	130	<10	11

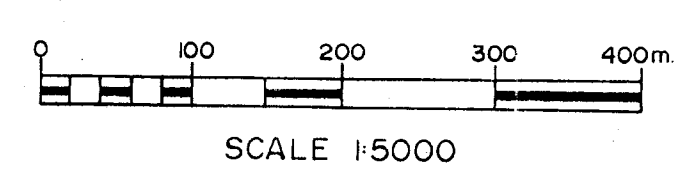
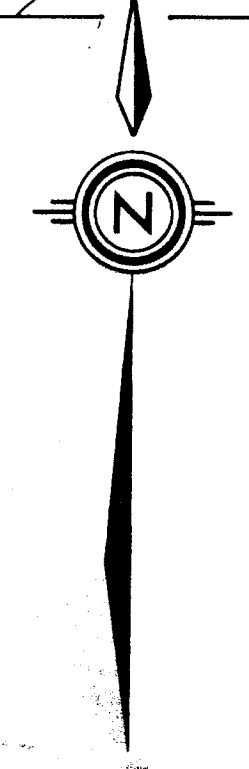


GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,269

LEGEND

Drawn	JULY 21/1999
Revised	JULY 27/1999

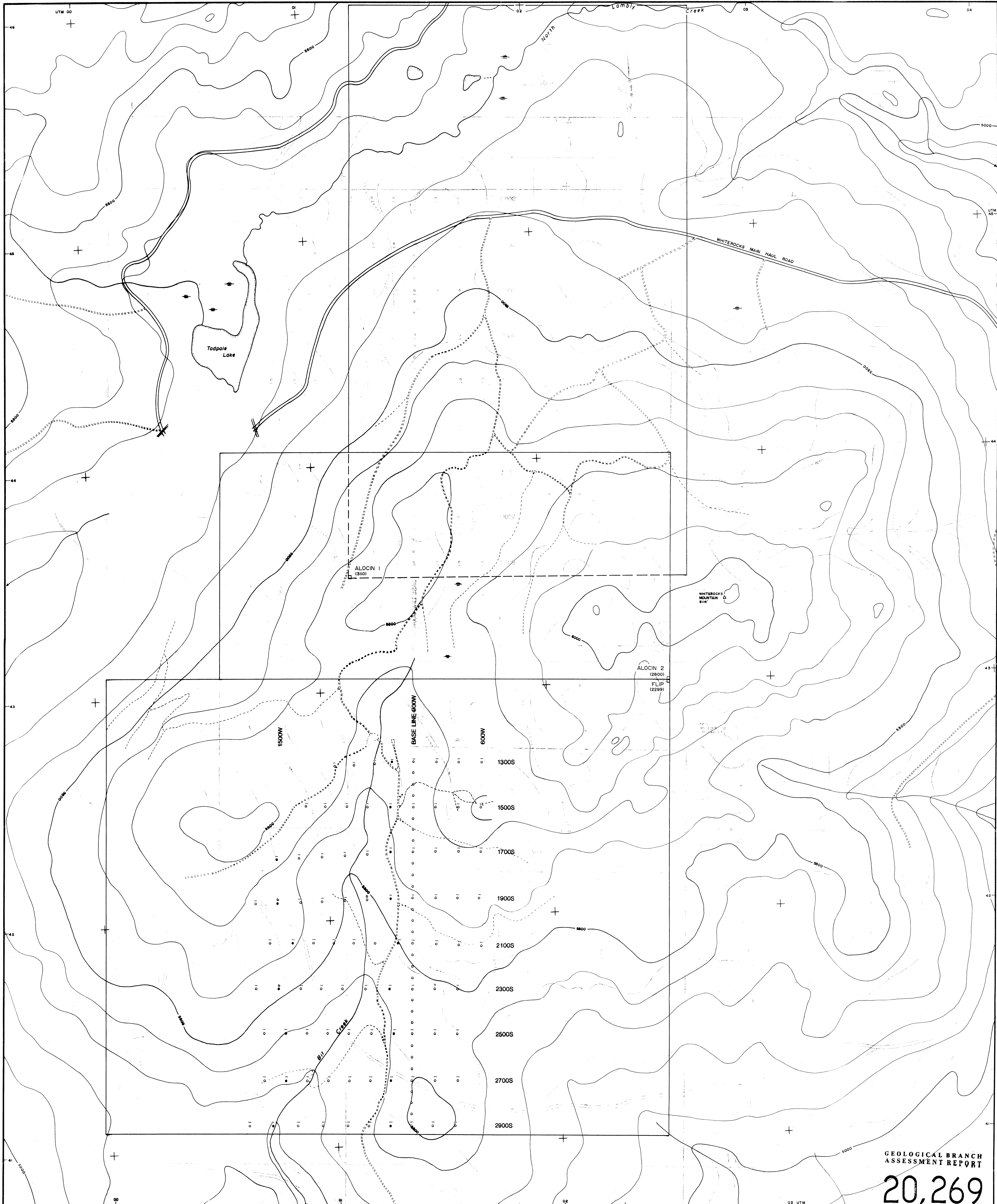


Chevron Minerals Ltd.

DISCOVERY Consultants

**ALOCIN PROJECT
GRID SOIL SAMPLING
SAMPLE LOCATION MAP**

DATE:	AUG 28/1999	SCALE:	1:5000
PROJECT:	325	NTS:	02-L/4W,82-E/13W
FIGURE:	3		VERNON MINING DIVISION



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Chevron Minerals Ltd.

DISCOVERY Consultants

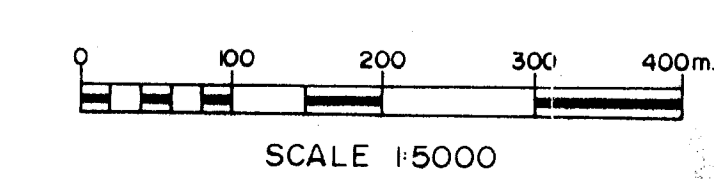
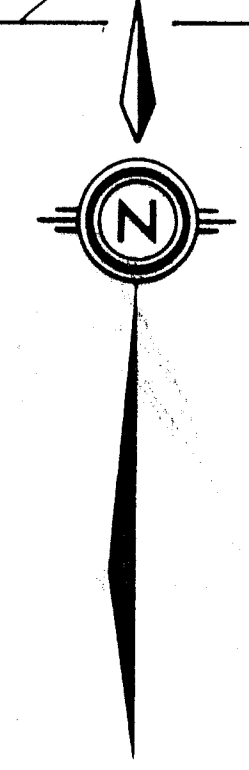
ALOCIN PROJECT
GRID SOIL SAMPLING
GOLD (Au)

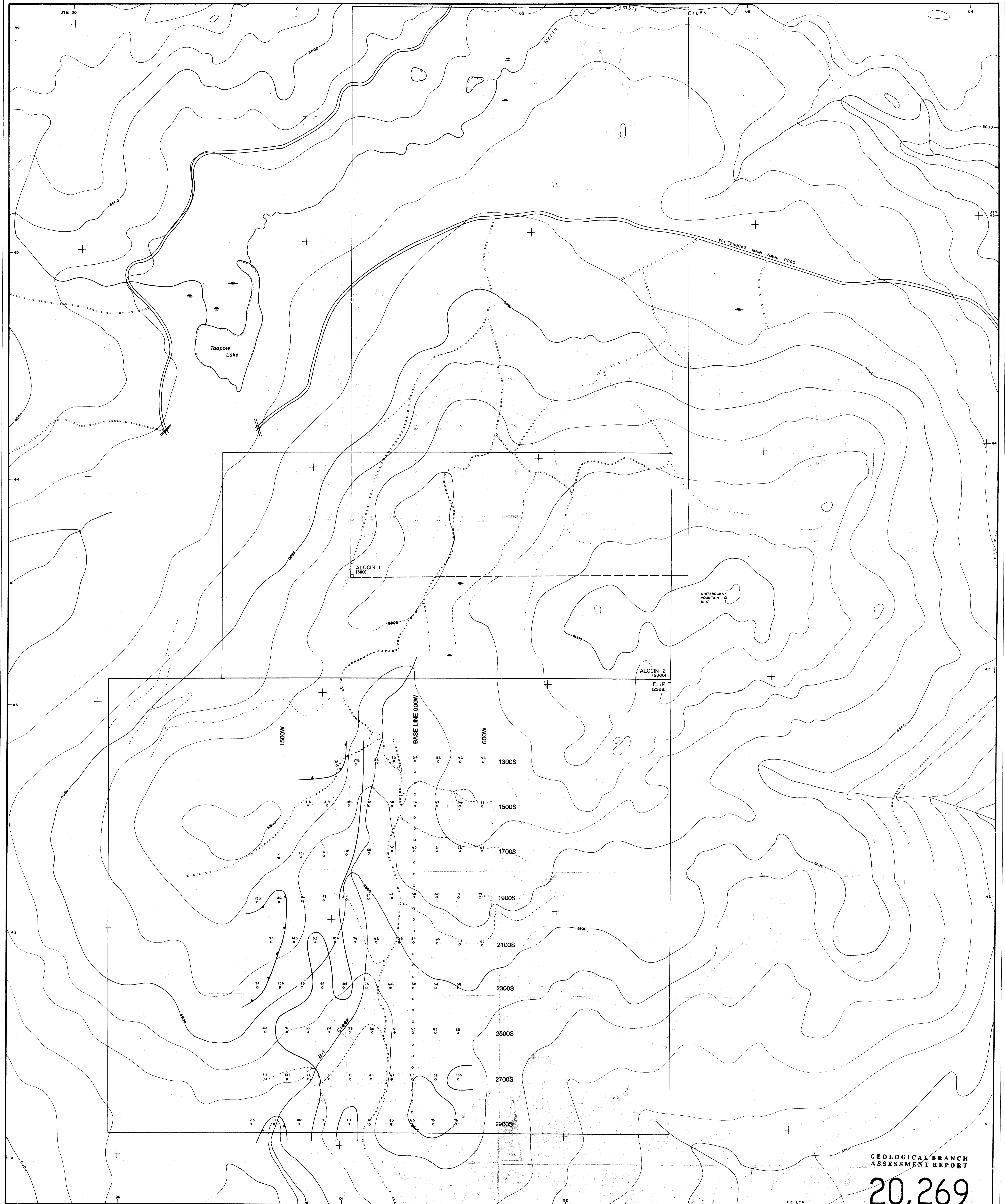
DATE:	AUG 28/1990	SCALE:	1:5000
PROJECT:	325	NTS:	B2-L/4W/82-E/13W
FIGURE:	4		VERNON MINING DIVISION

LEGEND

- o o o GRID SOIL SAMPLE
- 12 0 VALUES SHOWN IN PARTS PER BILLION GOLD
- 15 INDICATES 15 ppb Au
- 10 0 CONTOURED AT 10 ppb Au

Drawn:	JULY 2/1988
Revised:	JULY 8/1990





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ASSESSMENT REPORT

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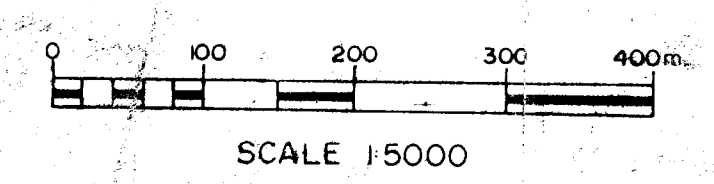
ALOCIN PROJECT
GRID SOIL SAMPLING
ZINC (Zn)

DATE:	AUG 28/1990	SCALE:	1:5000
PROJECT:	325	NTS:	B2-L/W,B2-E/3W
FIGURE:	6		VERNON MINING DIVISION

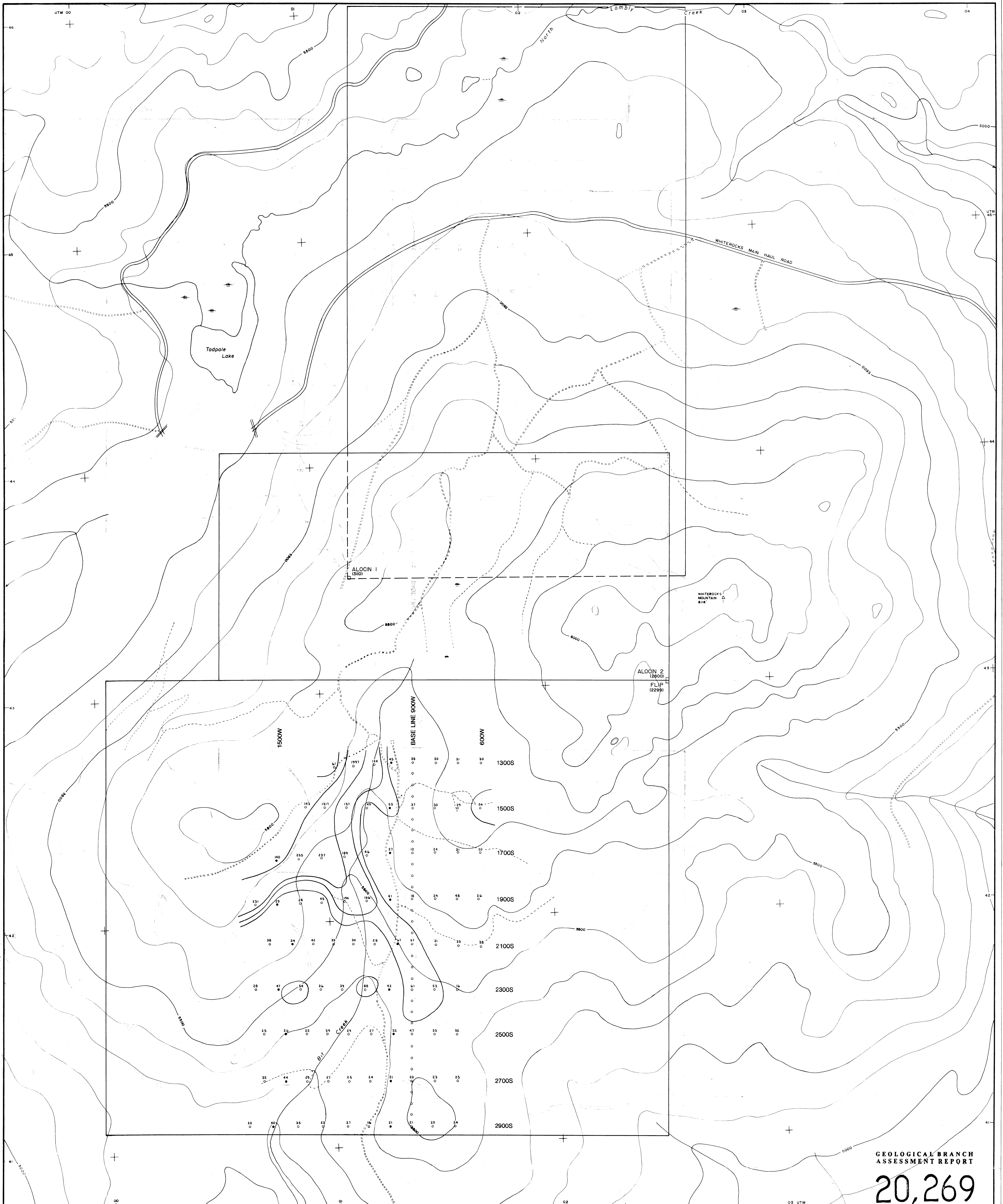
LEGEND

- ○ ○ GRID SOIL SAMPLE.
- ○ ○ VALUES SHOWN IN PARTS PER MILLION ZINC.
- ○ ○ CONTOUR INTERVALS: 100 ppm Zn

Drawn:	JULY 27/1989
Revised:	JULY 27/1989
Checked:	AUG. 8/1990



SCALE 1:5000



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Chevron Minerals Ltd.

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ALOCIN PROJECT
GRID SOIL SAMPLING
COPPER (Cu)

DATE	AUG 28/1990	SCALE	1:5000
PROJECT	325	NTS	B2-L/4W/B2-E/13W
FIGURE	5		VERNON MINING DIVISION

LEGEND

- ○ ○ GRID SOIL SAMPLE
- 50 ○ VALUES SHOWN IN PARTS PER MILLION COPPER
- CONTOUR INTERVALS:
 - 50 ppm Cu
 - 100 ppm Cu
 - 200 ppm Cu

Drawn	JULY 21/1989
Revised	
	JULY 2/1990

