

81-#761-9504

ALLEN RESOURCE CONSULTANTS LTD.

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GEOLOGICAL - GEOCHEMICAL REPORT

ON THE

OHIO CLAIM GROUP

Nature of Report: Geological - Geochemical
Claims Involved: Ohio (L3124) Rec. No. 1841, Monte Christo (L3125)
Rec. No. 1840, L. Fraction (L2575) Rec. No. 1839
Mining Division: Greenwood RCJV 30 (#1 - 6) Rec Nos. 2509-2514
NTS Location: 82E/6 east
Latitude: 49°18'N
Longitude: 119°01'W
Registered Owner: Guy Allen, Dayton Creek Silver Mines Ltd.
Operator: Rock Creek Joint Venture
Consultant: Allen Resource Consultants Ltd.
Author of Report: Guy Allen, P. Eng.
Date: Sept. 20, 1981

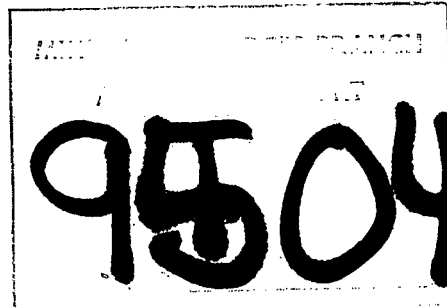


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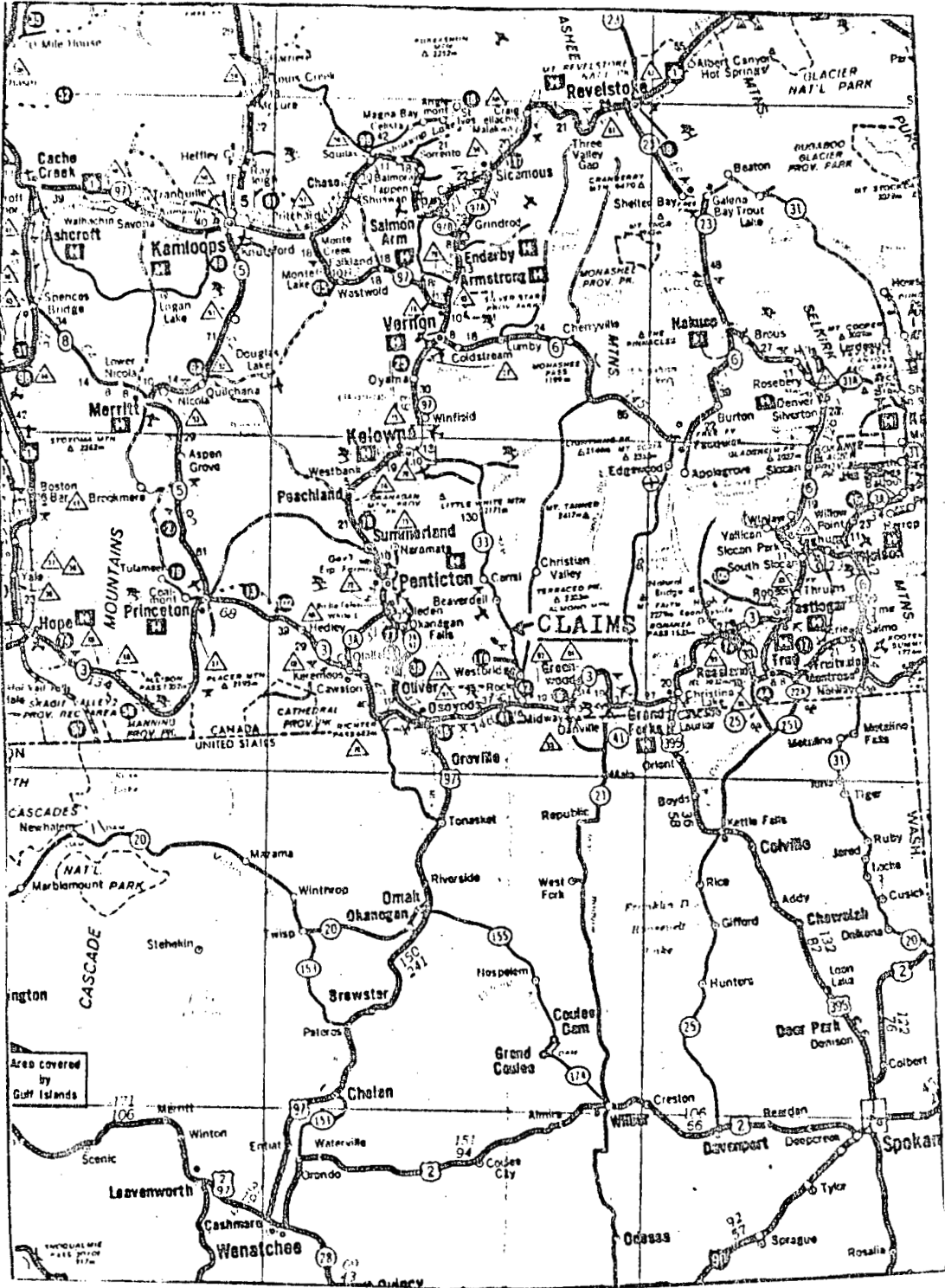


PLATE NO. 1

ROCK CREEK JOINT VENTURE

OHIO CLAIM GROUP

LOCATION MAP

Scale: 1 in. = 33 mi.

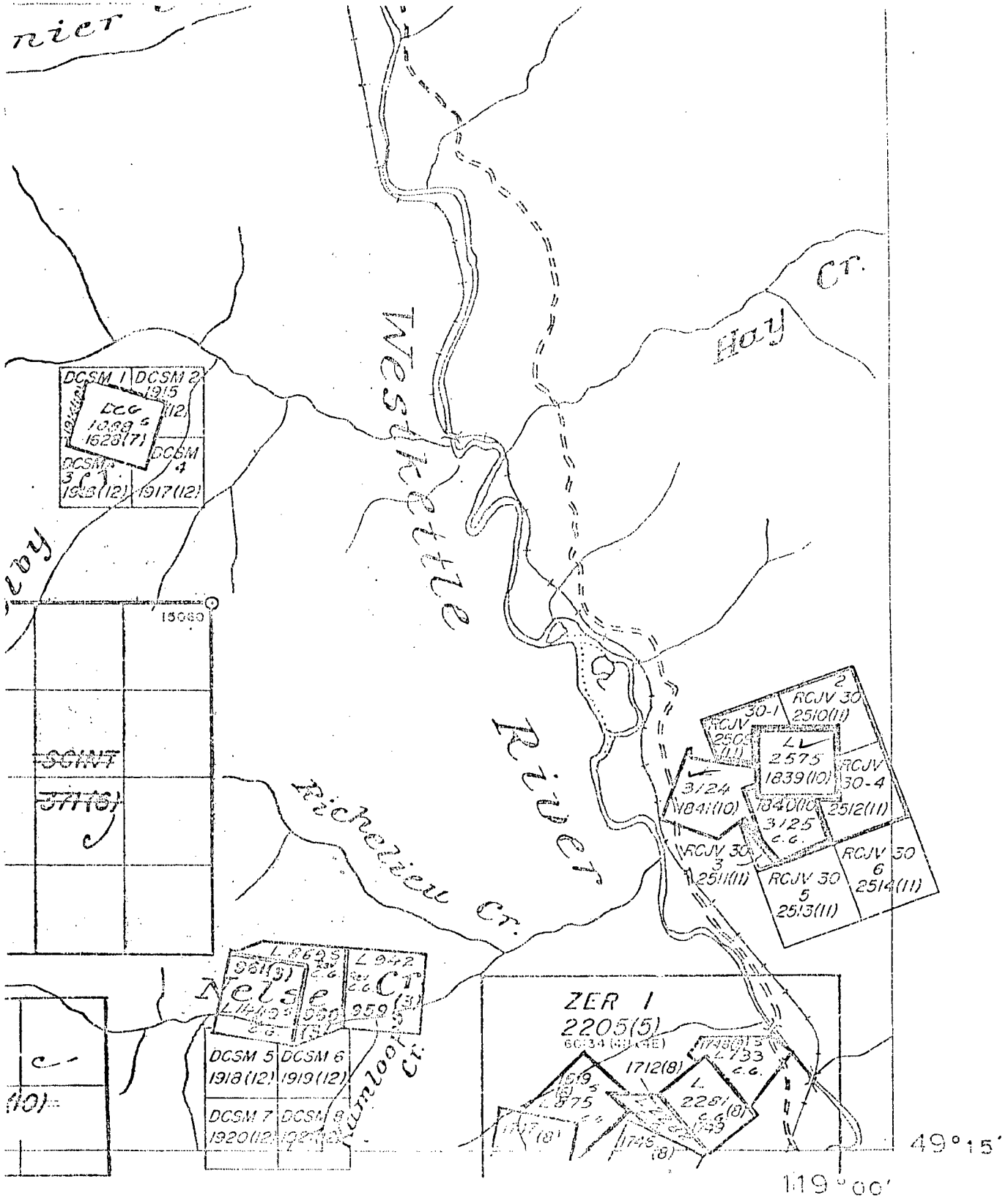


Plate No. 2

ROCK CREEK JOINT VENTURE

OHIO GROUP

CLAIMS LOCATION

Scale: 1 :: 50,000

Introduction

A program of geological and geochemical exploration was conducted on the Ohio Group of claims during the summer of 1981. A total of five persons spent 18 man/days during the period July 10th to 15th, 1981, running grid lines, collecting soil samples, mapping the geology of the claims, and sampling and mapping the present workings. Crews operated from a field camp set up at the West Kettle Campground, one-half mile west of the property. The program was operated by the Rock Creek Joint Venture under the direction of Allen Resource Consultants Ltd.

The original claims of the Group, the Ohio, Monte Christo, and L Fraction were prospected and sampled during a reconnaissance exploration program during 1980. As a result of significant gold assays from the Monte Christo workings, additional claims, RCJV 30 (#1-6) were staked in November, 1980. The present program was designed to test more fully the Monte Christo mineralization, and assess the potential of the surrounding area.

Description of the Property

The Ohio Group consists of the Ohio(L3124), Monte Christo (L3125), and the L Fraction (L2575), registered to Guy Allen, Box 7248, Postal Station E, Calgary, Alberta, and held in trust for the Rock Creek Joint Venture; and RCJV 30 (#1-6), registered to Dayton Creek Silver Mines Ltd., and held in trust for the Rock Creek Joint Venture. Record Numbers are 1841, 1840 1839, 2509, 2510, 2511, 2512, 2513, and 2514 respectively. Present expiry dates are: Monte Christo and L Fraction, October 23, 1984; Ohio, October 23, 1983; RCJV 30 (#1-6), November 10, 1981. The claims are located in the Greenwood Mining Division, approximately 32 kilometers south of the town of Beaverdell, on the east side of Highway No. 33. More specifically, the location is Longitude 119°01'W, Latitude 49°18'N,

in NTS 82E/6 east.

Access

Access to the claims, which lie adjacent to Highway No. 33, is by a branch of the Hay Creek secondary road, which leaves Highway No. 33 just north of the claims. There is presently no road access to the described workings.

Topography

The claims area occupies the steep west slope of the Beaverdell range of Mountains. The surface is a composite of rock cliffs, grassy slopes, coniferous forest, and talus slopes. Rock outcrop makes up approximately 15% of the area. There is no creek drainage within the claims area. Elevations range from 2500' ASL in the West Kettle valley to just over 4000' ASL on the east boundary of the claims.

History

Reports of past efforts on the claims area are sketchy, although the physical evidence suggests considerable work. The original three claims were crown-granted around the turn of the century. In 1901, a quartz vein carrying iron sulphides and gold values to \$11.00/ton were reported. Work in 1923 consisted of a 40 foot shaft, and a 100 foot crosscut tunnel below the shaft. At that time the tunnel had not reached the vein. The claims were again reported on in 1929 in the Annual Report of the Minister of Mines, when the upper and lower workings were described much to their present appearance. There is no report of any production

In 1980, the Rock Creek Joint Venture conducted reconnaissance exploration on the three crown-granted mineral claims. The area was prospected, the Ohio workings mapped and sampled in detail, and the Monte Christo workings located and briefly examined. Assay returns

from the Ohio gave barely more than traces of gold and silver. The main adit on the Monte Christo, however, returned values up to 0.98 oz/ton gold, and 7.81 oz/ton silver.

Description of Workings

On the Ohio claim, at the northwest corner of the grid are located two adits and a number of old pits. The lower adit has 235 feet of drifts and crosscuts, and a ten foot winze. A vein, 6 inches to 14 inches wide is exposed in the last 19 feet of the workings

The upper Ohio adit is 100 feet east and 10 feet south of the lower adit. It has a total length of 42 feet. These workings trace a vein, from one inch to 20 inches wide for the full length.

The Monte Christo workings are located on Line 1, at stations 550S and 600S. The main adit is 15 meters long (see Plate No. 3) in a northerly direction. A vein of quartz, 10 to 15 centimeters wide is exposed at the portal and for two and a half meters east into the wall of the drift, where it appears to be faulted off. The remaining workings are in the form of old trenches.

Geology

The geology of the main portion of the claims area is shown on Figure No. 30-6.

Regionally, this part of the Province is underlain by extensive bodies of the Nelson and Valhalla plutonic rocks of Cretaceous age, with inliers of older and younger meta-sediments and meta-volcanics. Much of the claims area is sub-cropped by these intrusives in the form of granodiorites, porphyritic diorites, and monzonites. These rocks are overlain in a number of areas by younger Cenozoic zones of slightly metamorphosed quartzites, conglomerates, breccias, andesitic and trachytic feldspar-porphyrries and andesites.

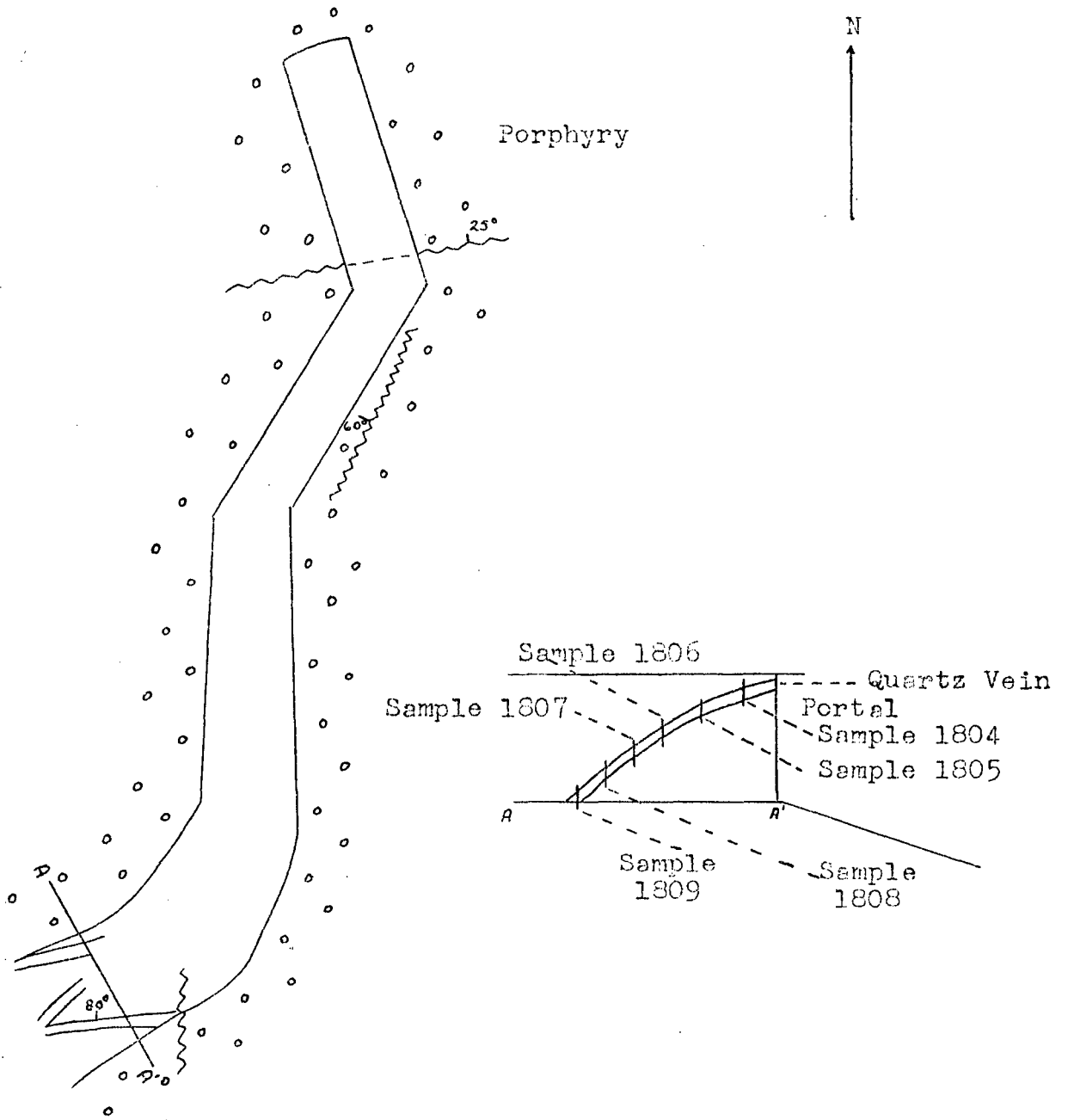
Mineralization occurs in veins of quartz, associated with shearing of the intrusives.

At the Ohio workings, the country rock is essentially a granodiorite, that is medium to coarse grained, weathering dark to medium grey. There are local porphyritic phases, and the whole assemblage is intruded by diorite and aplite dykes. Within the lower Ohio workings a fissure or shear vein can be traced for 19 feet with widths from six inches to 14 inches. The vein strikes N47E and dips 70°NW. The vein is composed of quartz, shows iron staining and contains pyrite. No other sulphides were identified. Sampling in 1980 returned the following results: across 17 inches from the face, gold - trace, silver - 0.02 oz/ton; across 4 inches, three feet from the face; gold - 0.01 oz/ton, silver - 0.02 oz/ton; and across 14 inches 17 feet from the face, gold - trace, silver - 0.12 oz/ton.

The upper Ohio adit has a fracture running the full 42 feet of the drift. Over the last 28 feet, the fracture widens from a seam to up to 20 inches wide of quartz. The 1980 sampling returned: across 13 inches eight feet from the face, gold - trace, silver - 0.02 oz/ton; across 17 inches 23 feet from the face; gold - 0.02 oz/ton, silver 0.12 oz/ton.

No further sampling of the Ohio adits was done in 1981. Minor quartz veining was observed in old pits, uphill, to the east of the workings. Near Line 6, Station 0, a vein sample across 15 cm. assayed gold - 0.017 oz/ton, silver - 0.075 oz/ton. Further uphill, near Line 5, Station 0, a sample across 15 cm. assayed gold - less than 0.003 oz/ton, silver - less than 0.01 oz/ton.

The main Monte Christo vein was examined and sampled in detail (see Plate No. 3). The main adit strikes at 60° for four meters, then north for seven meters. From here the strike changes to 30° for four



ROCK CREEK JOINT VENTURE

OHIO GROUP

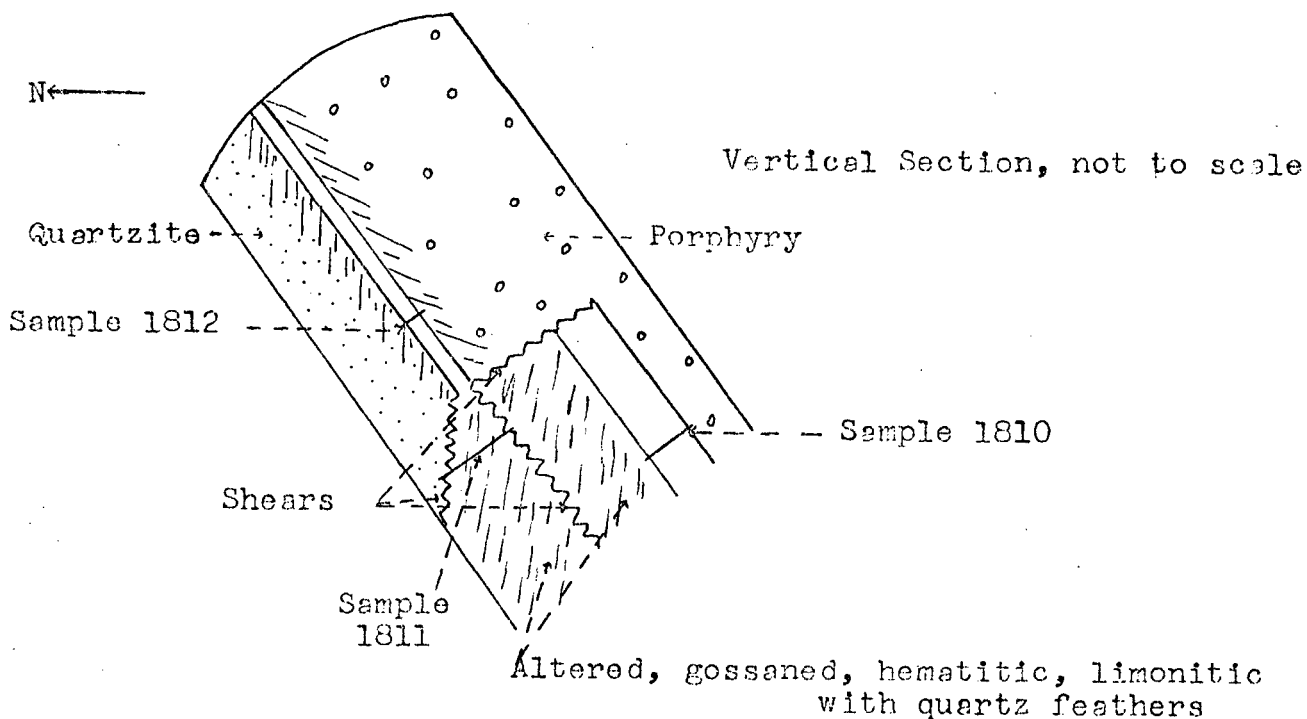
MONTE CHRISTO MAIN ADIT

Scale: 1 cm. = 1 m.

meters, then ends in another four meters at 45°. This adit is located just above Line 1, Station 600S. The country rock is a trachyte that tends to be porphyritic with feldspar and green hornblende phenocrysts and hexagonal mica. The groundmass is a mottled mixture of fine grained-aphenitic, red, feldspar-silica, and green ferromagnesian minerals. A quartz vein, 10 - 15 centimeters wide occupies a shear/fracture zone in a porphyritic rock of trachytic (?) nature. The vein exhibits a good deal of feathering, which locally gives it a width of one meter. The wall rock is heavily altered and gossaned, and shows azurite-malachite staining. It is heavily pyritic and silicic. The feathered vein narrows to five centimeters on the adit floor. Results of assays taken across the vein were as follows: across 10 centimeters at the portal, gold - 1.71 oz/ton, silver - 4.732 oz/ton; across 15 centimeters 50 centimeters along vein, gold - 0.955 oz/ton, silver - 7.86 oz/ton; across 15 centimeters 1.5 meters along vein, gold - 0.215 oz/ton, silver - 2.579 oz/ton; across 15 centimeters 2 meters along vein, gold - 0.02 oz/ton, silver - 0.128 oz/ton; across 10 centimeters 2.5 meters along vein, gold - 0.064 oz/ton, silver - 0.384 oz/ton, copper - 0.087%; across 10 centimeters 3 meters along vein, gold - 0.041 oz/ton, silver - 0.8 oz/ton.

Immediately above this adit is a trench at Line 0, 575S.

Here, a quartz vein occupies a shear/fracture zone that is associated with a contact zone between the porphyry and the quartzite, that has been heavily altered and gossaned. The quartz vein is feathered and occupies a vein width of 60 centimeters that decreases upward to 15 centimeters. Upward, the vein also becomes more porcelaneous, and less vuggy and gossaned. There appears to be a small offset, with the vein striking at 55° and dipping steeply to the northwest.



Trench Above Main Monte Christo Adit at Line O, 575S.

Assay results from this trench were as follows: 1810, across 15 cm., gold - 0.016 oz/ton, silver - 0.152 oz/ton; 1811, across 15 cm., gold - less than 0.003 oz/ton, silver - 0.028 oz/ton; 1812, across 15 cm., gold - less than 0.003 oz/ton, silver - less than 0.01 oz/ton.

An additional trench was located just east of Line 2E, between Stations 250S and 300S. This was driven down at an angle of 45° for 10 feet. The pit is about eight feet wide and five feet deep. A mineralized zone crosscuts the pit on a strike of about 20°. No quartz was observed associated with the pyrite. Two samples taken across widths of 30 cm. and 45 cm. both assayed less than 0.003 oz/ton gold and less than 0.01 oz/ton silver.

A small trench near Line 3, Station 950S was sampled. A 30 cm. chip sample across the south side of the trench near a shear assayed less than 0.003 oz/ton gold and less than 0.01 oz/ton silver.

On Line 1, near Station 400S, a sample of a hematitic quartzite zone assayed less than 0.003 oz/ton gold and 0.119 oz/ton silver.

Geochemistry

For purposes of conducting a geochemical soil sampling program, a grid was run from the Ohio workings in the northwest corner, to the east and south, encompassing the area of the Monte Christo workings and beyond. Lines were run north-south, 50 meters apart, with stations established on the lines, also 50 meters apart. This grid was used for the soil sampling as well as the geological mapping and prospecting. At each station, where feasible, soil samples were collected from the 'B' horizon by digging beneath the humus layer and collecting the sample by hand, with care to discard coarse material and vegetative matter. The samples were then placed in pre-numbered kraft paper envelopes, and forwarded to Chemex Labs in Calgary for analyses. At Chemex, the sample material was sieved to the -80 fraction, subjected to perchloric acid digestion, and then analyzed for copper, lead, silver, zinc, and molybdenum. Gold analyses were done by fire assay. These results, expressed in parts per million are included in the Appendix. Gold values are given in parts per billion. Statistical calculations were done on the results for copper, lead, and zinc. For each metal the values for the mean, one standard deviation above the mean, two standard deviations above the mean, and three standard deviations above the mean were calculated. The latter three determinants were considered high background, anomalous, and highly anomalous. The concentration values for each metal were plotted separately on grid maps (see Figures Nos. 30-1, 30-2, 30-3, 30-4, and 30-5). No silver values were plotted as all analyses were less than 0.1 ppm. The lead, zinc, and copper maps were contoured for high background, anomalous, and highly anomalous. Figure No. 30-7 is a composite of the geochemical anomalies, on which the areas of anomalous concentrations of the metals are superimposed.

The following are the results of the statistical determinations.

<u>Metal</u>	<u>Mean</u>	<u>Mean+1SD</u>	<u>Mean+2SD</u>	<u>Mean+3SD</u>
Copper	21	33	46	58
Lead	15	24	34	44
Zinc	175	297	418	540

All values are expressed in parts per million.

Examination of Figure No. 30-7 indicates a number of one-station, one-metal anomalies, and a few one-station, two-metal anomalies. These are considered to have lower follow-up priority than multi-station, multi-element anomalies. As a consequence, three local areas are considered sufficiently interesting geochemically to warrant further investigations. These areas are as follows.

A copper-lead-zinc anomaly is centered about Lines 2 and 3, Station 700S. This occurs in an area of contacts between granodiorite, quartzite, and porphyry, a geological situation similar to that around the Monte Christo workings.

A copper-lead-zinc anomaly is also located on Line 5, involving Stations 150S and 200S. This overlies a quartzite zone that shows evidence of alteration.

The third interest area lies on Line 1, Stations 800S and 850S. These mark the only two stations of the survey having gold concentrations greater than 10 parts per billion. The concentrations were 752 ppb and 868 ppb. The source of these concentrations warrants investigation. This lies in an area of contact between granodiorite and quartzite.

Conclusions

The detailed mapping and sampling of the main Monte Christo adit revealed a narrow quartz vein running into a side wall, with significant concentrations of gold and silver. All other veins examined returned low precious metal values. Significant geochemical dispersion from known vein was also lacking. Three partly covered, local areas were

identified as having anomalous metal concentrations worthy of further work.

Recommendations

Two phases of work are recommended for this property. The first phase involves detailed prospecting and mapping of the three geochemically anomalous areas previously described, with limited, detailed electromagnetic surveys as an aid to locating the source of the anomalous metal concentrations. In addition, an attempt should be made through drilling to locate extensions of the mineralized vein identified in the main Monte Christo workings. Proposed costs of this phase would be as follows.

Investigations of Geochemical Anomalies

1. Prospecting and Mapping; 3 man/days @ \$200	\$600.00
2. Electromagnetic Surveys;	\$3,000.00
3. Crew Support; Lodging, Meals, Travel, etc.	\$1,500.00
4. Supervision, Preparation of Maps, Reports	\$1,500.00
Subtotal	<u>\$6,600.00</u>

Drilling

1. Drill 3 holes @ 200 feet @ \$22.00/foot	\$13,200.00
2. Mobilization and demobilization	\$2,500.00
3. Supervision, core logging	\$2,000.00
4. Supplies, core boxes, etc.	\$1,000.00
5. Preparation of Maps and reports	\$1,000.00
Subtotal	<u>\$19,700.00</u>

Total Phase 1 \$26,300.00

Phase 2 work would be dependent on the results of Phase 1. Any subsequent work in this phase would involve further drilling of the Monte Christo vein, or of geochemical anomalies.

Certificate of Expenditures

The work done on the Ohio Group was a portion of a large exploration program conducted in this part of the Province by a crew operating out of a single camp at the West Kettle Campground. As a consequence, the costs here defined are determined on a pro-rated basis, based on the number of man/days spent on this property in comparison to the total number of man/days. Costs attributable directly to the property without pro-rating are indicated by *.

Field Crew Services

1. R. Leonard, Geology Student. 3 days @ \$75	\$225.00*
2. M. Lemmer, Geology Student: 3 days @ \$75	\$225.00*
3. B. Bestie, Geology Student: 3 days @ \$75	\$225.00*
4. T. Spaulding, Field Ass't: 4 days @ \$65	\$260.00*
5. R. Kregosky, Geologist: 7 days @ \$200	\$1,400.00*

Food and Lodging

1. Camp Space: 6% of \$1,000	\$60.00
2. Food: 6% of \$4,202.68	\$252.16

Vehicles

1. Vehicle Leases: 6% of \$5,407.32	\$324.44
2. Expenses: 6% of \$2,590.04	\$155.40

Field Equipment

1. Write-offs: 6% of \$2,376.44	\$142.59
2. Rentals and Depreciables (30%): 6% of \$5,184.98	\$311.10

General Field and Travelling Expenses: 6% of \$3,402.66 \$204.16

Professional Services (Supervision, Camp Cook, etc.)

1. 6% of \$17,236.50	\$1,034.19
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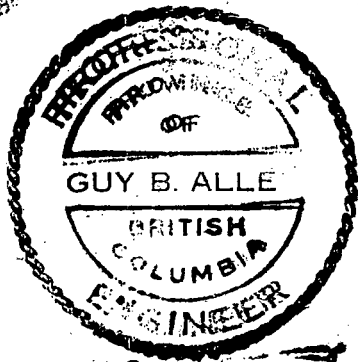
Pre-Field Expenses: 6% of \$335.24

Geochemical Analyses & Assays: \$20.11 \$1,772.10*

Preparation of Maps, Reports & Assessment

1. Professional Services; 33 hrs. @ \$25	\$825.00*
2. Supplies & Secretarial; 6% of \$334.30	\$20.06
3. Covers & Map Folders	\$47.00*
4. Report reproduction: 23 x 15 x 12 1/2	\$46.92*
5. Report Bindings:	\$32.48*
6. Map Reproduction:	\$81.12*

Total \$7,663.83



Guy Allen

Copy Date: April 22, 1981

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Author's Qualifications

I, Guy Allen, hereby certify:

1. That I am a consulting geologist, residing at 303 Wildwood Drive S.W., Calgary, Alberta;
2. That I have practiced my profession for over nineteen years;
3. That I graduated from the University of Western Ontario in 1957, with the degree of Bachelor of Science in Honours Geology;
4. That I am registered as a Professional Geologist with the Alberta Association of Professional Engineers, Geologists, and Geophysicists;
5. That I am registered as a Professional Engineer (non-resident status) with the Association of Professional Engineers of the Province of British Columbia.



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CERTIFICATE OF ANALYSIS

• MINERAL • GAS • WATER • OIL • SOILS • VEGETATION • ENVIRONMENTAL ANALYSIS

ALLEN RESOURCE CONSULTANTS

DATE AUG. 14/01

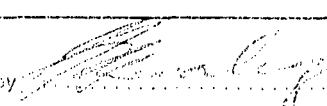
ROCK ASSAY
 PAGE 1 OF 2

PROJECT NO. 0280-1-4590

SAMPLE NUMBER	AU OZ/TON	AG OZ/TON	
1751	0.006	0.934	
1752	0.009	0.045	
1753	0.012	1.353	
1754	<0.003	<0.01	
1755	<0.003	0.132	
1756	<0.003	0.228	
1757	<0.003	<0.01	
1758	<0.003	<0.01	
1759	<0.003	0.039	
1760	<0.003	<0.01	
1761	<0.003	<0.01	
1762	<0.003	<0.01	
1763	<0.003	<0.01	
1764	<0.003	<0.01	
1765	<0.003	<0.01	
1766	<0.003	<0.01	
1767	<0.003	<0.01	
1768	<0.003	<0.01	
1769	<0.003	<0.01	
1770	<0.003	<0.01	
1771	<0.003	<0.01	
1772	<0.003	<0.01	
1773	<0.003	<0.01	
1774	<0.003	<0.01	
1775	0.058	0.558	
1776A	0.775	2.358	
1776B	0.018	0.512	
1801	0.007	0.071	
1802	0.016	0.024	
1803	<0.003	0.119	
1804	1.710	4.732	Monte Christo Main Adit
1805	0.955	7.860	"
1806	0.215	2.579	"
1807	0.020	0.128	"
1808	0.064	0.384	"
1809	0.041	0.800	Line 1, 600S
1810	0.016	0.152	Line 0, 575S Trench
1811	<0.003	0.028	"
1812	<0.003	<0.01	"



MEMBER
 CANADIAN TESTING
 ASSOCIATION

Certified by 



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DATE AUG. 14/81

ROCK ASSAY

PROJECT NO. 0280-1-4590

PAGE 2 OF 2

SAMPLE NUMBER	AU OZ/TON	AG OZ/TON	
1813	<0.003	<0.01	Line 2E, 300S
1814	<0.003	<0.01	" "
1815	0.017	0.075	Line 6, 000S
1816	<0.003	<0.01	Line 6, 000S
1817	<0.003	<0.01	Line 3, 950S

Certified by *[Signature]*



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DATE JULY 31/81

OHIO PROJECT GEOCHEM ANALYSES

PROJECT NO. 0280-1-4560

PAGE 1 OF 5

LOCATION	CU PPM	PB PPM	ZN PPM	AG PPM	MO PPM	AU PPB
L0/0+00	14	8	90	<0.1	2	<10
L0/0+50	20	18	130	<0.1	2	<10
L0/1+50	20	10	258	<0.1	1	<10
L0/2+00	18	17	232	<0.1	<1	<10
L0/2+50	15	8	134	<0.1	<1	<10
L0/3+00	16	11	267	<0.1	<1	<10
L0/3+50	7	13	174	<0.1	<1	<10
L0/4+00	10	9	279	<0.1	<1	<10
L0/4+50	10	5	85	<0.1	<1	<10
L0/5+00	9	10	124	<0.1	<1	<10
L0/5+50	20	13	185	<0.1	<1	<10
L0/6+00	21	23	101	<0.1	2	<10
L0/6+50	9	6	76	<0.1	2	<10
L0/7+00	14	28	300	<0.1	2	<10
L0/7+50	14	7	247	<0.1	2	<10
L0/8+00	7	4	80	<0.1	<1	<10
L0/8+50	9	8	182	<0.1	<1	<10
L0/9+00	9	8	108	<0.1	<1	<10
L0/9+50	15	14	200	<0.1	<1	<10
L0/10+00	14	17	150	<0.1	<1	<10
L1/0+00	19	6	88	<0.1	<1	<10
L1/0+50	24	4	100	<0.1	2	<10
L1/1+00	30	17	158	<0.1	2	<10
L1/2+50	21	11	213	<0.1	<1	<10
L1/3+00	22	17	214	<0.1	<1	<10
L1/3+50	24	17	133	<0.1	<1	<10
L1/4+00	10	7	170	<0.1	<1	<10
L1/4+50	16	11	101	<0.1	<1	<10
L1/5+00	24	175	460	<0.1	3	<10
L1/5+50	24	14	86	<0.1	<1	<10
L1/6+00	52	30	461	<0.1	<1	<10
L1/7+50	14	9	162	<0.1	<1	<10
L1/8+00	10	7	204	<0.1	<1	752
L1/8+50	16	6	121	<0.1	<1	868
L1/9+00	14	27	216	<0.1	<1	<10
L1/9+50	15	8	96	<0.1	<1	<10
L1/10+00	25	7	174	<0.1	<1	<10
L1E/0+00	21	14	64	<0.1	<1	<10
L1E/0+50	10	10	226	<0.1	<1	<10
L1E/1+00	23	30	245	<0.1	2	<10



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OHIO PROJECT GEOCHEM ANALYSES

PROJECT NO. 0280-1-4560

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LOCATION	CU PPM	PB PPM	ZN PPM	AG PPM	MO PPM	AU PPB
L1E/2+00	36	18	320	<0.1	1	<10
L1E/2+50	18	22	191	<0.1	<1	<10
L1E/3+00	8	12	252	<0.1	<1	<10
L1E/3+50	9	17	484	<0.1	<1	<10
L1E/4+00	7	12	99	<0.1	<1	<10
L1E/5+50	13	8	90	<0.1	<1	<10
L1E/6+00	19	19	422	<0.1	<1	<10
L1E/6+50	13	5	83	<0.1	<1	<10
L1E/7+00	12	8	75	<0.1	<1	<10
L1E/7+50	35	10	173	<0.1	<1	<10
L1E/8+00	9	11	120	<0.1	<1	<10
L1E/8+50	10	9	134	<0.1	<1	<10
L1E/9+00	5	5	106	<0.1	<1	<10
L1E/9+50	6	10	101	<0.1	<1	<10
L1E/10+00	38	20	508	<0.1	<1	<10
L2/0+00	7	6	62	<0.1	<1	<10
L2/0+50	22	7	78	<0.1	<1	<10
L2/1+00	19	4	57	<0.1	<1	<10
L2/2+00	19	6	88	<0.1	<1	<10
L2/2+50	18	9	283	<0.1	<1	<10
L2/3+00	33	24	171	<0.1	<1	<10
L2/3+50	21	16	189	<0.1	<1	<10
L2/4+50	21	8	132	<0.1	<1	<10
L2/5+00	32	10	112	<0.1	<1	<10
L2/5+50	18	11	215	<0.1	<1	<10
L2/7+00	23	156	368	<0.1	<1	<10
L2/8+00	13	10	153	<0.1	<1	<10
L2/8+50	17	14	169	<0.1	<1	<10
L2/9+00	14	9	142	<0.1	<1	<10
L2/9+50	12	4	132	<0.1	<1	<10
L2/10+00	24	14	378	<0.1	<1	<10
L2E/0+00	20	8	318	<0.1	<1	<10
L2E/0+50	25	16	135	<0.1	<1	<10
L2E/1+00	23	13	95	<0.1	<1	<10
L2E/1+50	32	37	197	<0.1	<1	<10
L2E/2+00	16	31	324	<0.1	<1	<10
L2E/2+50	10	13	120	<0.1	<1	<10
L2E/3+00	10	20	233	<0.1	<1	<10
L2E/3+50	8	4	32	<0.1	<1	<10
L2E/4+00	8	26	92	<0.1	<1	<10



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LOCATION	CU PPM	PB PPM	ZN PPM	AG PPM	MO PPM	AU PPB
L2E/4+50	11	31	132	<0.1	<1	<10
L2E/5+00	11	17	61	<0.1	<1	<10
L2E/5+50	17	29	422	<0.1	<1	<10
L2E/6+50	15	19	106	<0.1	<1	<10
L2E/7+00	7	5	54	<0.1	<1	<10
L2E/7+50	8	17	162	<0.1	<1	<10
L2E/8+00	27	5	166	<0.1	<1	<10
L2E/8+50	10	38	670	<0.1	<1	<10
L2E/9+00	6	11	109	<0.1	<1	<10
L2E/9+50	6	20	391	<0.1	<1	<10
L2E/10+00	14	23	74	<0.1	<1	<10
L3/0+00	8	6	50	<0.1	<1	<10
L3/0+50	26	17	56	<0.1	<1	<10
L3/1+00	20	8	80	<0.1	<1	<10
L3/1+50	19	5	31	<0.1	<1	<10
L3/2+00	62	43	100	<0.1	<1	<10
L3/2+50	22	5	136	<0.1	<1	<10
L3/3+00	36	24	83	<0.1	<1	<10
L3/3+50	20	12	112	<0.1	<1	<10
L3/4+00	64	17	151	<0.1	<1	<10
L3/4+50	43	8	213	<0.1	<1	<10
L3/5+50	14	9	244	<0.1	<1	<10
L3/6+50	14	12	222	<0.1	<1	<10
L3/7+00	54	72	1569	<0.1	<1	<10
L3/7+50	26	12	109	<0.1	<1	<10
L3/8+00	14	15	176	<0.1	<1	<10
L3/8+50	17	12	181	<0.1	<1	<10
L3/9+00	16	19	284	<0.1	<1	<10
L3/9+50	16	27	350	<0.1	<1	<10
L3/10+00	14	13	171	<0.1	<1	<10
L4/0+00	16	9	85	<0.1	<1	<10
L4/0+50	21	12	70	<0.1	<1	<10
L4/1+50	14	11	68	<0.1	<1	<10
L4/3+00	60	30	136	<0.1	<1	<10
L4/3+50	19	12	96	<0.1	<1	<10
L4/4+00	34	17	430	<0.1	<1	<10
L4/4+50	21	4	68	<0.1	<1	<10
L4/5+00	12	6	96	<0.1	<1	<10
L4/5+50	12	11	130	<0.1	<1	<10
L4/6+00	14	9	423	<0.1	<1	<10



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LOCATION	CU PPM	PB PPM	ZN PPM	AG PPM	MO PPM	AU PPB
L4/6+50	25	9	73	<0.1	<1	<10
L4/7+00	32	15	56	<0.1	<1	<10
L4/7+50	21	18	157	<0.1	<1	<10
L4/8+00	20	15	163	<0.1	<1	<10
L4/8+50	16	9	257	<0.1	<1	<10
L4/9+00	13	10	169	<0.1	<1	<10
L4/9+50	10	5	87	<0.1	<1	<10
L4/10+00	18	14	126	<0.1	<1	<10
L5/0+00	54	20	77	<0.1	<1	<10
L5/0+50	29	18	86	<0.1	<1	<10
L5/1+00	40	27	63	<0.1	<1	<10
L5/1+50	58	65	938	<0.1	<1	<10
L5/2+00	46	37	104	<0.1	<1	<10
L5/2+50	29	8	113	<0.1	<1	<10
L5/3+00	16	7	26	<0.1	<1	<10
L5/3+50	24	19	230	<0.1	<1	<10
L5/4+00	44	8	367	<0.1	<1	<10
L5/4+50	23	12	198	<0.1	<1	<10
L5/5+00	26	15	65	<0.1	<1	<10
L5/5+50	13	11	155	<0.1	<1	<10
L5/6+00	10	3	41	<0.1	<1	<10
L5/6+50	11	12	242	<0.1	<1	<10
L5/7+00	13	6	60	<0.1	<1	<10
L5/7+50	16	30	226	<0.1	<1	<10
L5/8+00	19	16	123	<0.1	<1	<10
L5/8+50	17	11	130	<0.1	<1	<10
L5/9+00	11	7	105	<0.1	<1	<10
L5/9+50	20	7	130	<0.1	<1	<10
L5/10+00	9	8	158	<0.1	<1	<10
L6/0+50	45	16	55	<0.1	<1	<10
L6/1+00	24	15	71	<0.1	<1	<10
L6/1+50	24	17	53	<0.1	<1	<10
L6/2+00	26	18	130	<0.1	<1	<10
L6/2+50	29	19	150	<0.1	<1	<10
L6/3+50	22	14	274	<0.1	<1	<10
L6/4+50	24	9	221	<0.1	<1	<10
L6/5+00	22	9	64	<0.1	<1	<10
L6/5+50	18	14	373	<0.1	<1	<10
L6/6+00	28	12	190	<0.1	<1	<10
L6/6+50	10	9	108	<0.1	<1	<10



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PROJECT NO. 0280-1-4560

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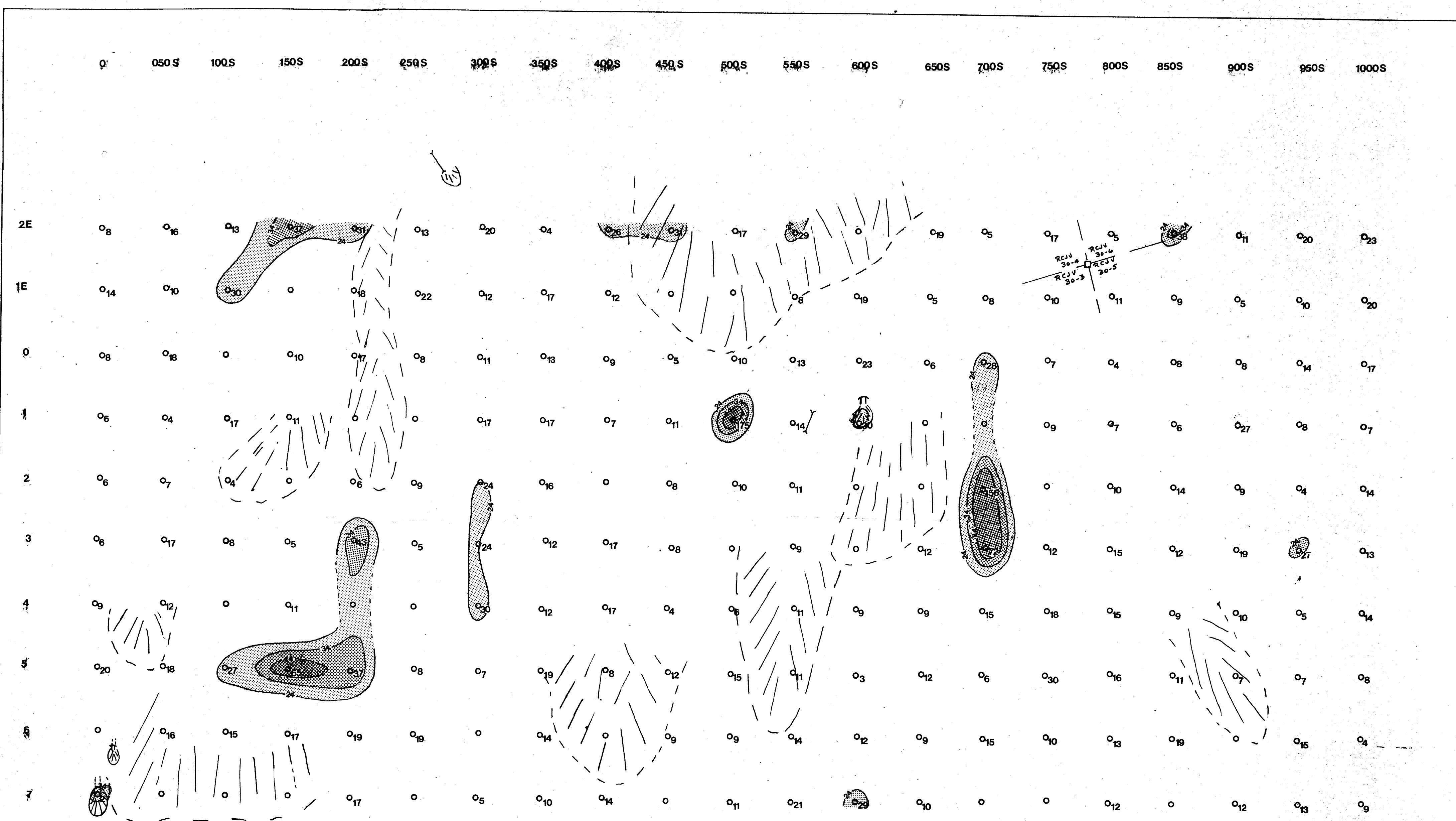
LOCATION	CU PPM	PB PPM	ZN PPM	AG PPM	MO PPM	AU PPB
L6/7+00	17	15	222	<0.1	<1	<10
L6/7+50	20	10	164	<0.1	<1	<10
L6/8+00	33	13	121	<0.1	<1	<10
L6/8+50	58	19	240	<0.1	<1	<10
L6/9+50	15	15	133	<0.1	<1	<10
L6/10+00	6	4	75	<0.1	<1	<10
L7/0+00	74	27	93	<0.1	<1	<10
L7/2+00	36	17	228	<0.1	<1	<10
L7/3+00	10	5	114	<0.1	<1	<10
L7/3+50	17	10	64	<0.1	<1	<10
L7/4+00	21	14	272	<0.1	<1	<10
L7/5+00	20	11	224	<0.1	<1	<10
L7/5+50	18	21	234	<0.1	<1	<10
L7/6+00	20	29	313	<0.1	<1	<10
L7/6+50	14	10	280	<0.1	<1	<10
L7/8+00	30	12	208	<0.1	<1	<10
L7/9+00	16	12	98	<0.1	3	<10
L7/9+50	13	13	179	<0.1	<1	<10
L7/10+00	10	9	168	<0.1	<1	<10



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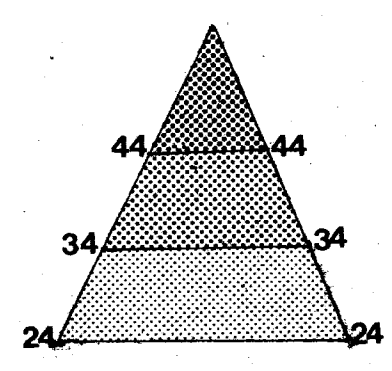


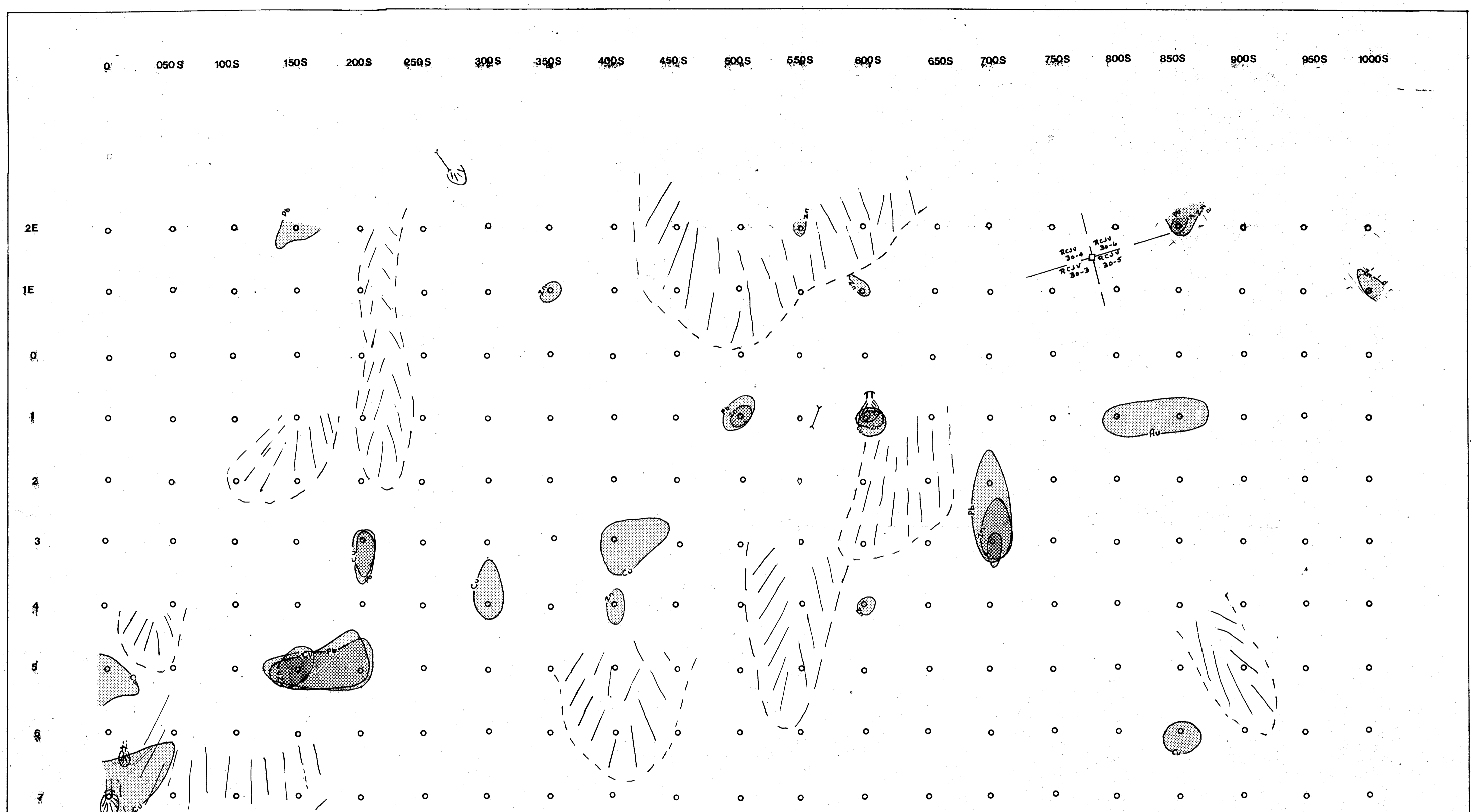
FIG. NO. 30-1 ROCK CREEK JOINT VENTURE

OHIO PROJECT
CONCENTRATIONS OF LEAD
IN SOILS (ppm)

SCALE: 1 in = 50m

LEGEND

○	STATION		ROCK DUMP
	GEOLOGICAL BOUNDARY		TALUS SLOPE
	OUTCROP		TRENCH
TT	ADVE		CLAIM POST



N ←

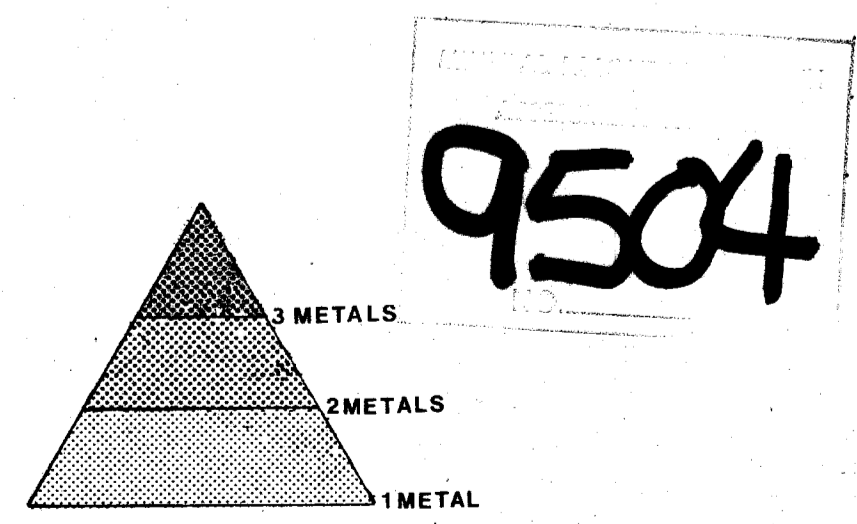


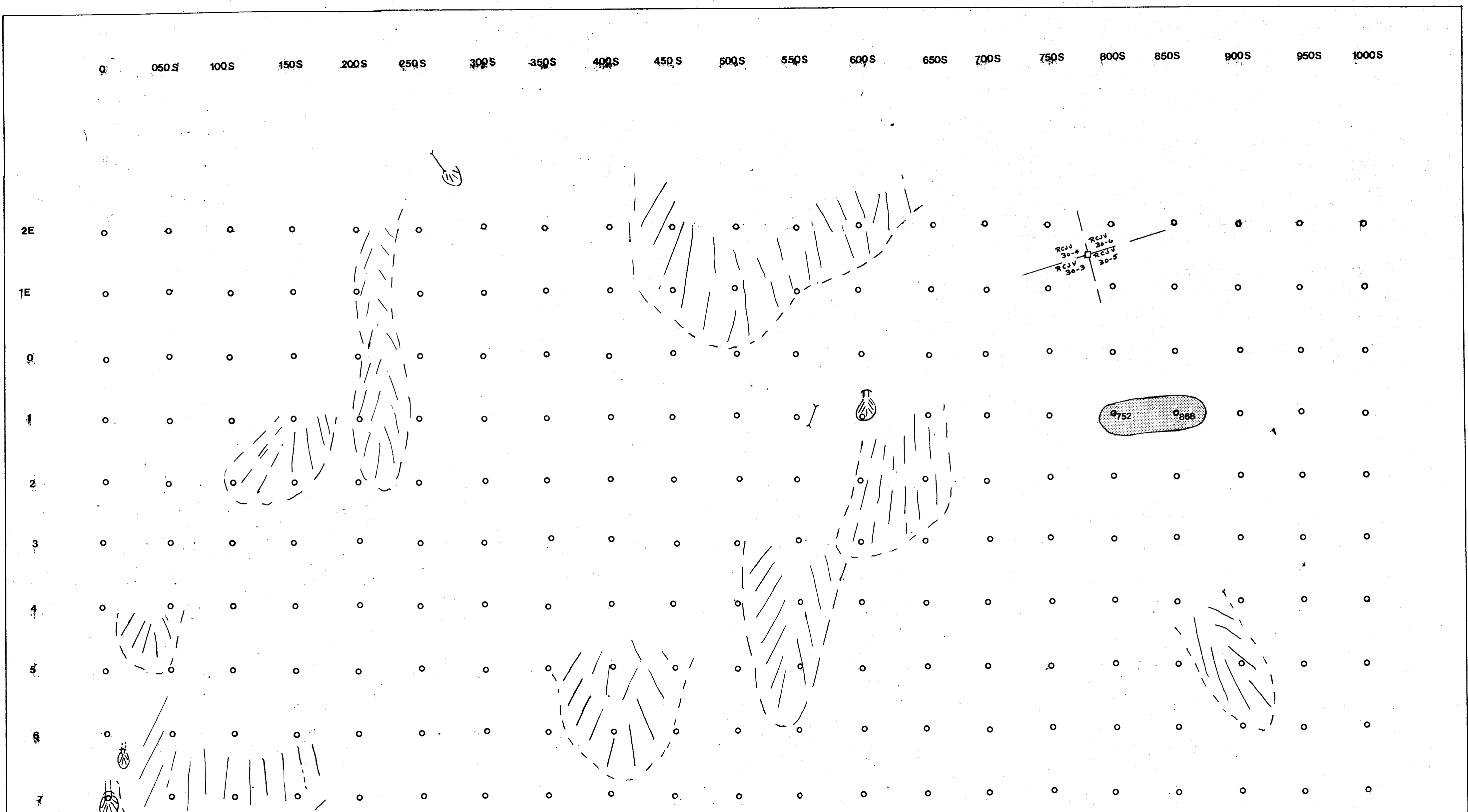
FIG. NO. 30-7 ROCK CREEK JOINT VENTURE

OHIO PROJECT

COMPOSITE OF GEOCHEMICAL ANOMALIES

SCALE: 1 in = 50 m

○ STATION	⊕ ROCK DUMP
- - - GEOLOGICAL BOUNDARY	⌋ TALUS SLOPE
○ OUTCROP	⌋ TRENCH
TT ADVE	□ CLAIM POST



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FIG. NO. 30-4 ROCK CREEK JOINT VENTURE

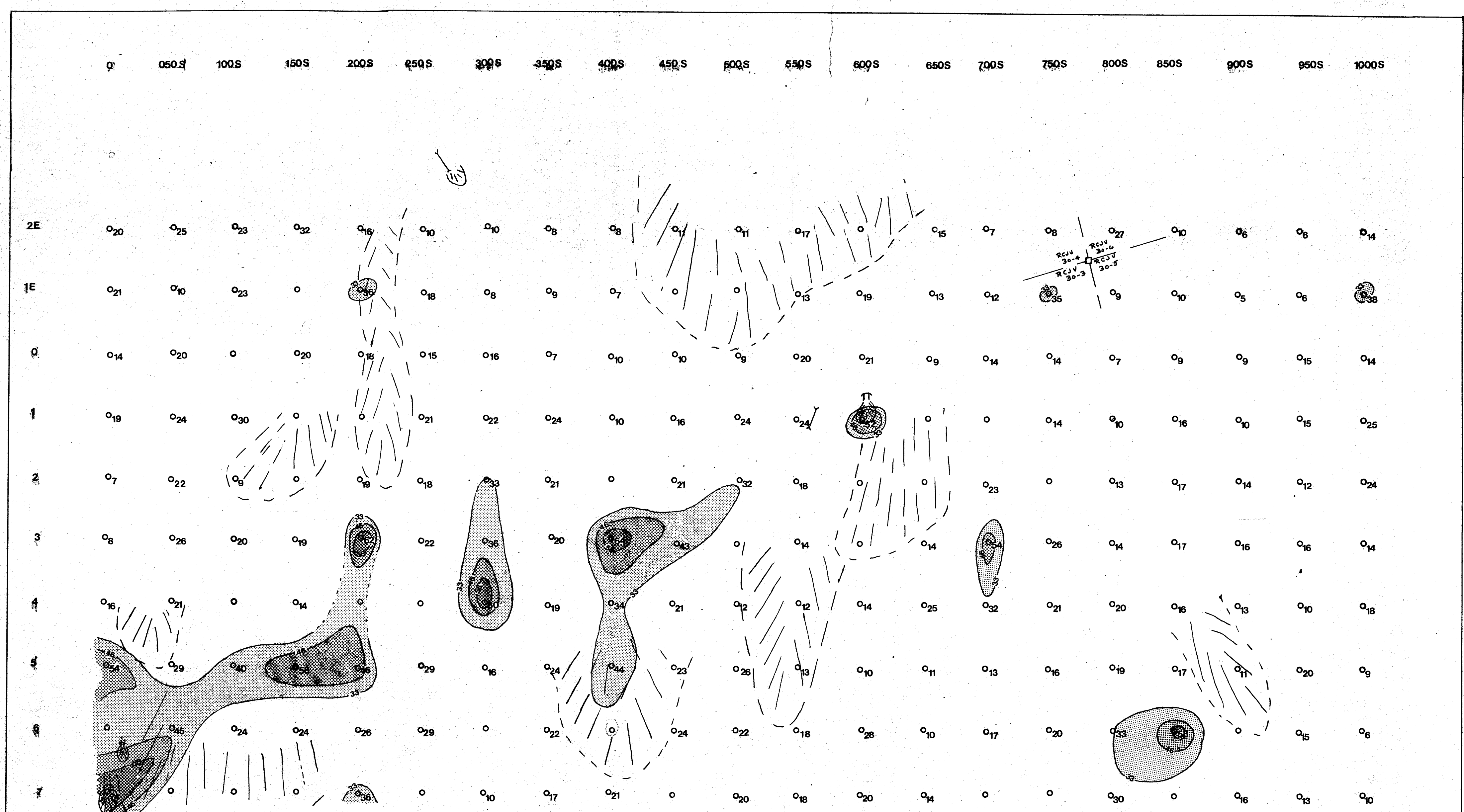
OHIO PROJECT

CONCENTRATIONS OF GOLD IN SOILS (ppb)

SCALE: 1 in = 50 m

LEGEND

- STATION
- GEOLOGICAL BOUNDARY
- TT ADM.
- ⬆ TRENCH
- ◻ CLAIM POST
- ⬆ ROCK DUMP
- ⬆ TALUS SLOPE



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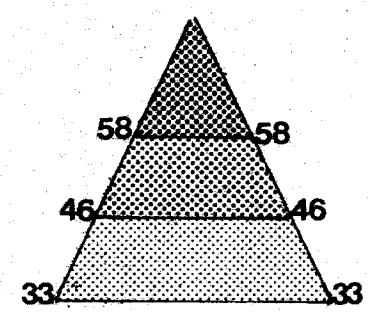


FIG. NO. 30-3 ROCK CREEK JOINT VENTURE

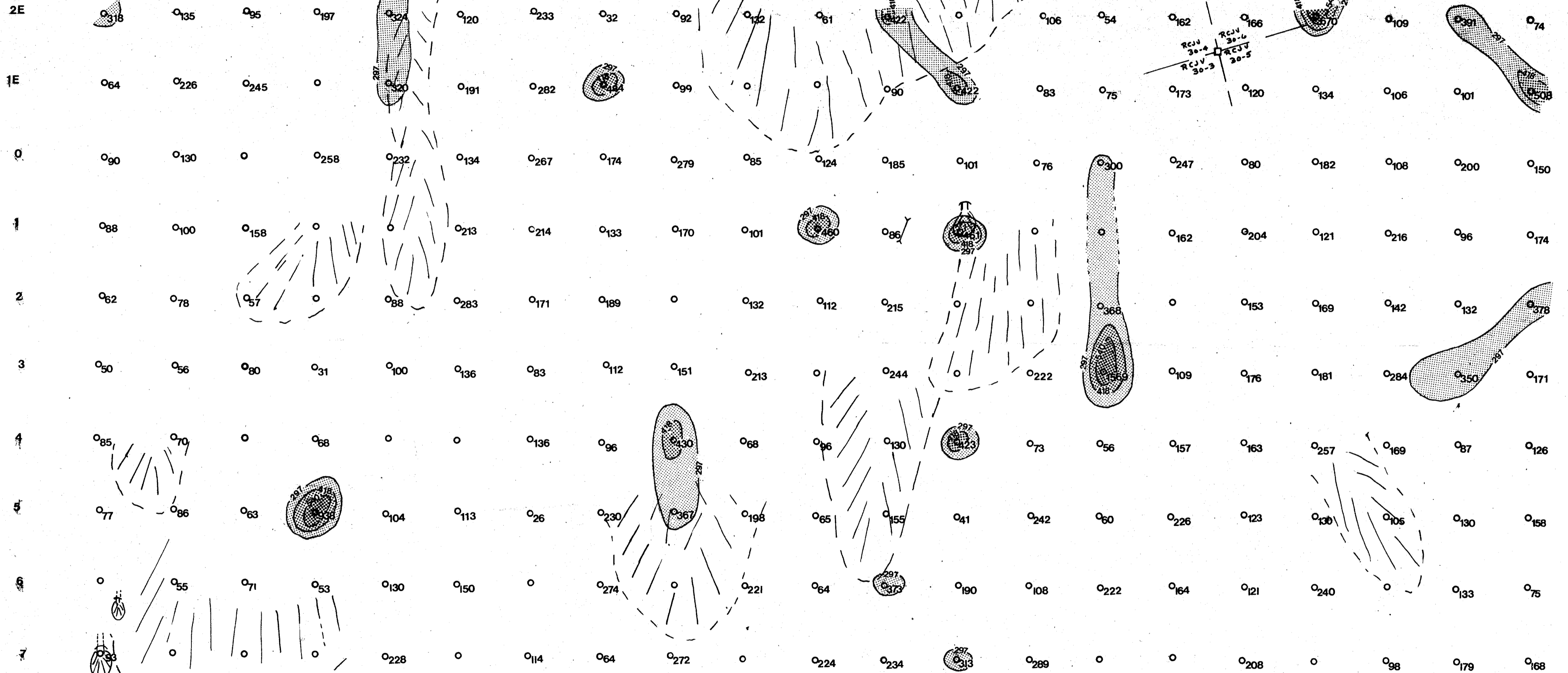
OHIO PROJECT
CONCENTRATIONS OF COPPER
IN SOILS (ppm)

SCALE: 1 in = 50 m

- | | |
|-----------------------|---------------|
| ○ STATION | ⬆️ ROCK DUMP |
| ⋯ GEOLOGICAL BOUNDARY | ⌋ TALUS SLOPE |
| ◊ OUTCROP | ⌋ TRENCH |
| TT ADVE | □ CLAIM POST |

N ←

0 050S 100S 150S 200S 250S 300S 350S 400S 450S 500S 550S 600S 650S 700S 750S 800S 850S 900S 950S 1000S



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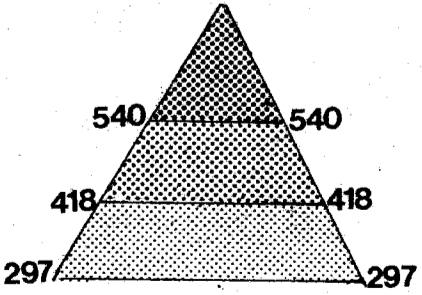


FIG. NO. 30-2 ROCK CREEK JOINT VENTURE
OHIO PROJECT
CONCENTRATIONS OF ZINC

SCALE: 1 in = 50 m

○ STATION	LEGEND
- - - GEOLOGICAL BOUNDARY	⊕ ROCK DUMP
◊ OUTCROP	⌋ TALUS SLOPE
TT ADP	⌋ TRENCH
	□ CLAIM POST

N ←

0 050S 100S 150S 200S 250S 300S 350S 400S 450S 500S 550S 600S 650S 700S 750S 800S 850S 900S 950S 1000S

2E

1E

0

1

2

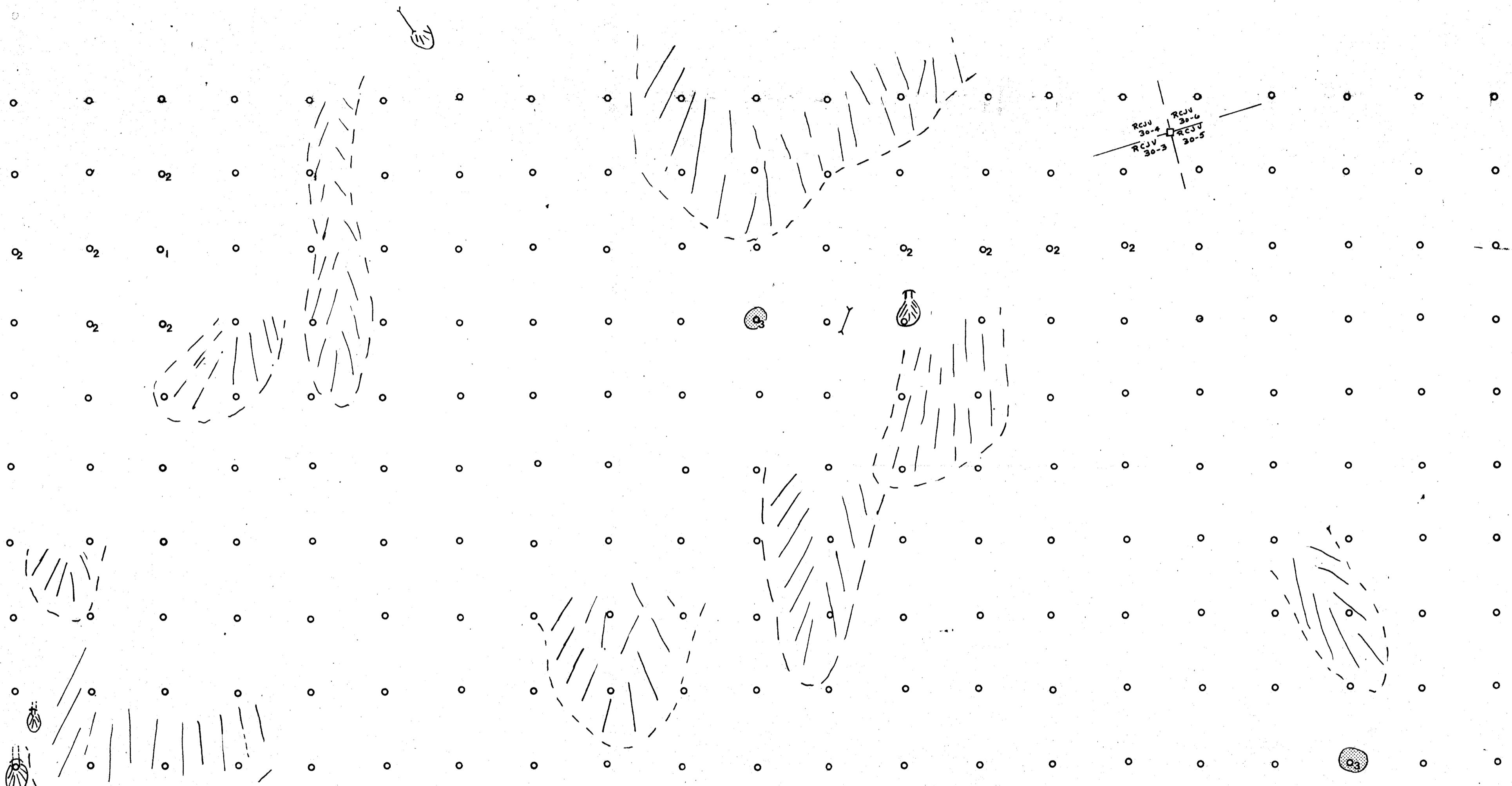
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4

5

6

7



RCJV
30-4
RCJV
30-5
RCJV
30-4
RCJV
30-5

9504

FIG. NO. 30-5 ROCK CREEK JOINT VENTURE

OHIO PROJECT

CONCENTRATIONS OF MOLYBDENUM IN SOILS (ppm)

SCALE: 1 in = 50m

LEGEND

- STATION
- OUTCROP
- TT ADP
- GEOLOGICAL BOUNDARY
- ⊞ TRENCH
- ⊞ CLAIM POST
- ⊞ ROCK DUMP
- ⊞ TALUS SLOPE

N ←

0 050S 100S 150S 200S 250S 300S 350S 400S 450S 500S 550S 600S 650S 700S 750S 800S 850S 900S 950S 1000S



FIG. NO. 30-6 ROCK CREEK JOINT VENTURE

OHIO PROJECT GEOLOGY

SCALE: 1 in = 50m

- | | | | |
|-----|---------------------|-----|-------------|
| ○ | STATION | ⬆ | ROCK DUMP |
| --- | GEOLOGICAL BOUNDARY | ⚡ | TALUS SLOPE |
| ○ | OUTCROP | --- | TRENCH |
| TT | ADIT | □ | CLAIM POST |

LEGEND

- | | |
|--|--|
| | GRIT (QUARTZITE) CONGLOM. BRECCIA |
| | FELDSPAR PORPHYRY: ANDESITIC, TRACHYTIC, ANDESITIC |
| | GRANODIORITE/PORPHYRITIC DIORITE |
| | MONZONITE |
| | STRIKE-DIP |

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