

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS: 92H/9E

GEOCHEMICAL AND PERCUSSION DRILLING

ASSESSMENT REPORT

ON THE HP AND OSP MINERAL CLAIMS

(OSPREY 79-1 GROUP - SUPPLEMENTARY)

OSPREY LAKE AREA

SIMILKAMEEN MINING DIVISION, B.C.

49°42'N; 127°08'W

WORK PERIOD:

5 JUNE, 1980 to 21 SEPTEMBER, 1980

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

NO

8581

15 JANUARY 1981

H.P. WILTON

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OSPREY LAKE AREA

SIMILKAMEEN MINING DIVISION, B.C.

INTRODUCTION

The HP and OSP mineral claims, owned by Cominco Ltd., are located a few kilometres south and east of Osprey Lake, B.C. They are accessible by dirt roads from the Princeton-Summerland road at Osprey Lake or on partially overgrown logging roads across Trout Creek, 5 km. east of Osprey Lake. An index map is attached to this report as Plate OSP-80-1. Elevations vary from 1350 to 1900 metres and the property is moderately to heavily forested.

The work reported herein was performed on the Osprey 79-1 Group (Supplementary) of mineral claims between 5 June and 21 September, 1980. The Group consists of 8 HP claims (8 units) and 4 OSP claims (74 units). It is part of the larger Osprey molybdenum prospect presently being explored by Cominco. The OSP claims were staked and recorded by Cominco Ltd. in 1978. The HP claims were recorded by H.L. Williams and P. Crean in 1978 and 1979 and were optioned by Cominco in December, 1979. As part of the option agreement, ownership of the HP claims was transferred to Cominco in December, 1980.

Much of the ground now covered by the Osprey property was originally held and explored by Anaconda, who still own two blocks of Empress claims which adjoin Cominco's holdings. Most of the OSP claims and about half of the HP claim block were covered by Cominco with a geochemical soil and silt sampling program in 1979.

GEOLOGY

Molybdenum mineralization is locally associated with leucocratic quartz monzonite and aplite which intrude a more extensive body of coarsely porphyritic granodiorite. All of these intrusive rocks observed on the property are phases of the Okanagan batholith.

SUMMARY OF WORK DONE AND PURPOSE

The soil geochemical survey performed in 1980 represented a continuation of the much more extensive survey carried out in 1979. It consisted of 164 soil samples which were analysed for Mo, Cu, Zn, and Pb. They were systematically collected on the HP 5-8 and OSP 6 claims, where coverage in 1979 had been incomplete.

A limited percussion drilling program consisting of two holes totalling 195.2 metres was carried out as a preliminary test of Mo anomalies defined by the 1979 geochemical survey of the HP claims. One hole was drilled on each of claims HP 3 and HP 4.

SOIL GEOCHEMICAL SURVEY

Geochemical sampling was performed by B.A. Kristof and E.J. Marcinew under the direction of Project Geologist, H.P. Wilton, who, in turn, was supervised by Senior Geologist, D.L. Cooke, P. Eng.

The baseline used for the 1979 geochemical survey on the north part of the HP claim block was extended due south by chain and compass and was marked with blazes and coloured flagging. Samples were collected every 50 metres on chain and compass lines located 75 metres apart and perpendicular to the baseline. Two longer lines were sampled at 100 metre sample spacing; one was the north boundary of claim OSP 6 between the baseline and the east edge of the claim, and the other was a parallel line 250 metres further south. All sample sites were marked and labelled with coloured flagging.

Samples were taken from the B soil horizon at depths ranging from 15 cm. to 30 cm. below surface. They were collected in numbered sample bags, air dried, and shipped to Cominco's Exploration Research Laboratory in Vancouver for analysis. On arrival they were further dried and passed through an 80-mesh sieve. The -80 fraction was then analysed for Mo, Cu, Zn, and Pb. Molybdenum determination involved digestion of a $\frac{1}{2}$ gm. sample with aqua regia, buffering with aluminum chloride, and atomic absorption analysis. Determination for Cu, Zn, and Pb was also by AA but followed digestion with hot 20% nitric acid.

Plates OSP-80-3 to OSP-80-6 inclusive, enclosed with this report, display the sampling grid, all analytical results, and interpretation for each of the four elements tested. A complete tabulation of analytical results is attached to the report as Appendix E.

PERCUSSION DRILLING

Two percussion holes were drilled to test molybdenum soil anomalies defined by the 1979 geochemical survey of the HP claim group. The two holes were located about 70 metres apart as illustrated on Plate OSP-80-2 enclosed with this report. Both holes were vertical and both

encountered an overburden depth of 2.1 metres. The drilling contractor was Al Miller Percussion Drilling Ltd. of Kamloops. Access to the drill sites was accomplished by clearing an existing bush road across Trout Creek from the Princeton-Summerland road. Road clearing and site preparation was carried out by Broadway Bulldozing of Princeton. PDH-HP-80-1 was drilled to a depth of 94.5 metres and PDH-HP-80-2 was drilled to a depth of 100.6 metres.

The drill cuttings were collected as samples representing approximately 3.1 metres of drilling each. A random spoonful from each sample was collected at the drill and placed in a separate sample envelope for later microscopic examination. The assay samples were shipped to Cominco's Exploration Research Laboratory in Vancouver where they were assayed for Mo.

Appendix D attached to this report gives a complete tabulation of assay results and descriptions of cuttings.

RESULTS AND CONCLUSIONS

The molybdenum data, plotted and hand-contoured on Plate OSP-80-3, indicate that soils in the southwestern part of the HP claim group have Mo content which is generally above regional background (i.e. >5 ppm). Several single-point anomalies with a maximum value of 42 ppm occur in the area surveyed. Their significance remains to be assessed by geological examination and possible drilling.

The copper, zinc, and lead data all indicate a concentration of above background values in the southwestern corner of the HP claim block, with scattered single-point anomalies. The significance of these results is uncertain without further geological examination. Traces of chalcopyrite have been observed in outcrop but no zinc or lead minerals have been seen.

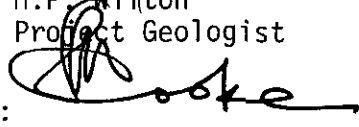
The percussion drill results tabulated in Appendix D indicate that the anomalies tested are underlain by quartz-rich rocks showing weak to moderate alteration. Both drill holes encountered intervals with molybdenum content in excess of 0.01% Mo. The maximum assay of 0.091% Mo was obtained from one isolated sample near the bottom of PDH-HP-80-1.

Report by:


H.P. Willton
Project Geologist

HPW/skg


Endorsed by:

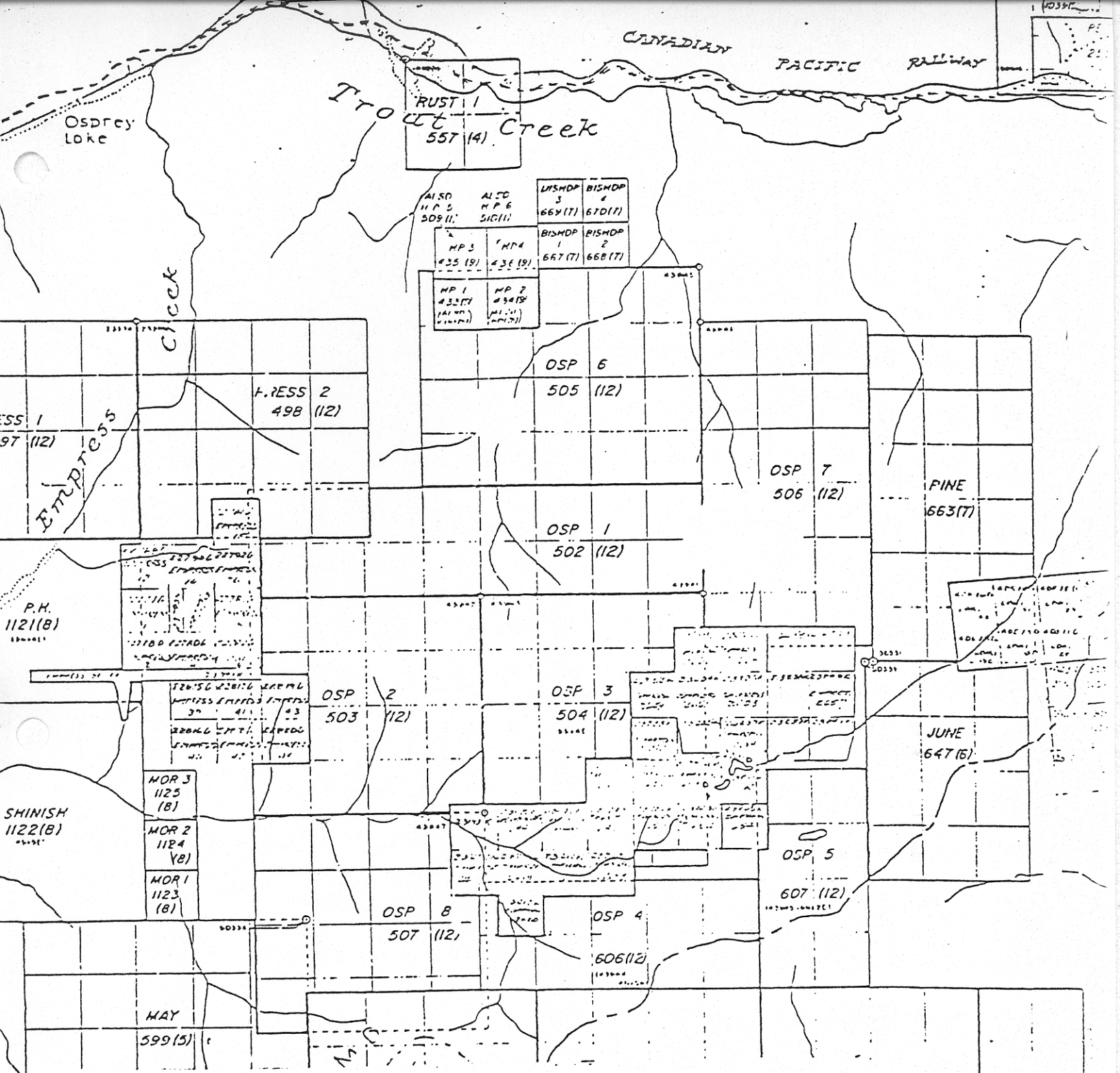

D.L. Cooke, P. Eng.
Senior Geologist

Distribution:

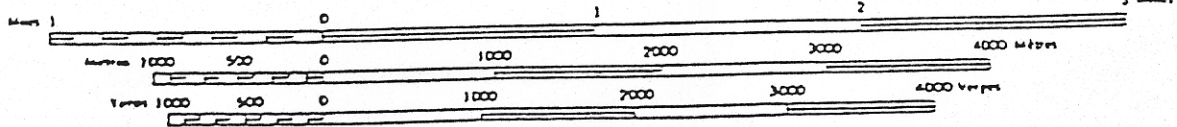
Mining Recorder (2)
Western District(1)

Approved for
Release by:


G. Harden, Manager
Exploration, Western District



SCALE 1:50,000 ÉCHELLE



ALARIC T.
NTS
92H/9E

Drawn by:		Traced by:	
Reviewed by	Date	Reviewed by	Date

LOCATION MAP
HP - OSP CLAIMS
OSPREY LAKE, B.C.

Scale: 1:50,000

Date: JANUARY, 1981

Plate OSP-80-1

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EXPLORATION
NTS: 92 H/9E

WESTERN DISTRICT
15 January 1981

APPENDIX "A"

Statement of Expenditures
Incurred in Connection with a Geochemical
Survey and a Percussion Drilling Program
on the HP and OSP Mineral Claims
Similkameen Mining Division

A. GEOCHEMICAL SURVEY

Staff Salaries

D.L. Cooke	2 days @ \$232.39	\$ 464.78	
H.P. Wilton	16 days @ \$201.60	3,225.60	
B.A. Kristof	16 days @ \$ 82.18	1,314.88	
E.J. Marcinew	16 days @ \$ 76.27	<u>1,220.32</u>	\$6,225.58

Geochemistry

Equipment and Supplies	\$ 272.50	
Analyses - 164 samples @ \$4.75	<u>779.00</u>	\$1,051.50

Domicile

Camp Equipment and Supplies	\$ 618.87	
Expense Accounts	<u>1,139.97</u>	\$1,758.84

Transportation

Truck Rental		<u>\$ 616.99</u>
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Total Expenditures - Geochemistry		<u>\$9,652.91</u>
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B. PERCUSSION DRILLING

Staff Salaries

D.L. Cooke	2 days @ \$232.39	\$ 464.78	
H.P. Wilton	11 days @ \$201.60	\$2,217.60	
M.L. Serack	9 days @ \$108.68	<u>\$ 978.12</u>	\$ 3,660.50

Percussion Drilling

Contract Charges		\$4,718.80	
Assays	62 samples @ \$ 5.75	<u>\$ 356.50</u>	\$ 5,075.30

Bulldozing

Access and site preparation			\$ 2,145.00
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Domicile

Expense Accounts			\$ 774.60
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Transportation

Truck Rental			<u>\$ 626.77</u>
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Total Expenditure - Percussion Drilling			<u>\$12,282.17</u>
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Total Geochemistry and Percussion Drilling			
= \$9,652.91 + \$12,282.17			<u>\$21,935.08</u>

15 January 1981

APPENDIX "B"


In The Matter of a Geochemical Survey and a
Percussion Drilling Program carried out on the HP and
OSP Mineral Claims located near Osprey Lake in the
Similkameen Mining Division of British Columbia,
More Particularly NTS: 92 H/9E

A F F I D A V I T

I, H.P. Wilton, of the City of Port Coquitlam, in the Province of British Columbia, Hereby Declare: -

1. THAT I am employed as a Project Geologist by Cominco Ltd. and as such, have a personal knowledge of the facts to which I hereinafter depose.
2. THAT annexed hereto and marked as Appendix "A" to this report is a true copy of expenditures incurred in connection with a geochemical survey and a percussion drilling program on the OSPREY 79-1 (Supplementary) Group of mineral claims.
3. THAT the said expenditures were incurred between the 5th day of June 1980 and the 21st day of September 1980 for the purpose of conducting a geochemical survey and a percussion drilling program.

Signed:



H.P. Wilton
Project Geologist
Western District


APPENDIX "C"

STATEMENT OF QUALIFICATIONS

I, H.P. Wilton of the City of Port Coquitlam in the Province of British Columbia, do hereby certify: -

1. THAT I am a Geologist presently residing at 2456 Glenwood Avenue, Port Coquitlam, B.C., with a business address at 700 - 409 Granville Street, Vancouver, B.C.
2. THAT I am a graduate in Applied Geology with a B.A.Sc. in 1961 from the University of Toronto.
3. THAT I have practised by profession continuously since May, 1961.

Dated this 15th day of January, 1981
at Vancouver, British Columbia.

Signed: 
H.P. Wilton

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WESTERN DISTRICT
15 January 1981

APPENDIX "D"

PERCUSSION DRILL CUTTINGS LOG AND

ASSAYS

OVERBURDEN DEPTH = 2.1 metres.

Sample Number	Interval (Metres)	Assay % Mo	% Quartz	% Feldspar	% Mafics	% Pyrite	Remarks
75501	2.1 - 6.1	0.003	80	15	5	<1	Biotite unaltered.
75502	6.1 - 9.1	0.005	90	7	2	1	Biotite,pyrite unaltered; trace cpy.
75503	9.1 - 12.2	0.003	90	7	2	1	Trace magnetite; some sericite
75504	12.2 - 15.2	0.003	90	1	2	1-2	Feldspar kaolinized.
75505	15.2 - 18.3	0.003	90	6	2	1-2	Biotite slightly altered.
75506	18.3 - 21.3	0.003	85	5	5	1-2	Biotite unaltered
75507	21.3 - 24.4	0.004	90	3	5	1-2	Biotite unaltered
75508	24.4 - 27.4	0.004	85	5	5	1	Biotite partly chloritized; trace magnetite.
75509	27.4 - 30.5	0.003	90	6	3	1	
75510	30.5 - 33.5	0.006	90	7	1-2	1	Biotite & feldspar moderately altered.
75511	33.5 - 36.6	0.004	90	8	1	1	Biotite partly chloritized.
75512	36.6 - 39.6	0.037	90	3	1-2	1	Biotite partly chloritized; abundant clay minerals.
75513	39.6 - 42.7	0.062	90	8	1	1	Abundant sericite; trace magnetite.
75514	42.7 - 45.7	0.050	90	8	1	1	

Sample Number	Interval (Metres)	Assay % Mo	% Quartz	% Feldspar	% Mafics	% Pyrite	Remarks
75515	45.7 - 48.8	0.044	95	2	1	1-2	Some magnetite
75516	48.8 - 51.8	0.012	85	8	1	1	Abundant magnetite
75517	51.8 - 54.9	0.017	90	5	3	1-2	
75518	54.9 - 57.9	0.011	80	17	1	1	Biotite partly chloritized
75519	57.9 - 61.0	0.013	75	23	1	1	Biotite partly chloritized
75520	61.0 - 64.0	0.011	70	25	2	1	Biotite moderately altered to chlorite.
75521	64.0 - 67.1	0.010	90	8	1	<1	Chlorite abundant
75522	67.1 - 70.1	0.008	85	10	1	1	Biotite weakly chloritized
75523	70.1 - 73.2	0.004	95	3	1	<1	Biotite unaltered
75524	73.2 - 76.2	0.004	95	4	1	<1	Biotite weakly altered
75525	76.2 - 79.2	0.006	90	5	<1	Tr	Chlorite abundant
75526	79.2 - 82.3	0.091	95	5	<1	Tr	Biotite mostly unaltered
75527	82.3 - 85.3	0.017	95	4	1	Tr	Biotite unaltered.
75528	85.3 - 88.4	0.008	90	9	<1	Tr	Biotite, chloritized; trace sericite

OVERBURDEN DEPTH= 2.1 metres

Sample Number	Interval (Metres)	Assay % Mo	% Quartz	% Feldspar	% Mafics	% Pyrite	Remarks
75531	2.1 - 6.1	0.003	70	28	<1	Tr	Sericite and limonite abundant.
75532	6.1 - 9.1	0.002	85	10	<1	1	Sericite and chlorite abundant.
75533	9.1 -12.2	0.002	80	15	<1	Tr	Biotite strongly chloritized; 5% sericite
75534	12.2-15.2	0.003	90	5	<1	1	Chlorite abundant; trace sericite.
75535	15.2-18.3	0.003	95	-	<1	1-2	1% sericite.
75536	18.3-21.3	0.004	95	3	Tr	2	Chlorite abundant; trace sericite.
75537	21.3-24.4	0.004	75	20	1	1-2	2% sericite; biotite chloritized.
75538	24.4-27.4	0.005	90	5	Tr	Tr	5% sericite.
75539	27.4-30.5	0.005	95	4	Tr	<1	1% sericite.
75540	30.5-33.5	0.004	88	5	Tr	1	5% sericite.
75541	33.5-36.6	0.003	65	30	-	1	5% sericite.
75542	36.6-39.6	0.003	60	27	-	1-2	5% sericite; feldspar kaolinized.
75543	39.6-42.7	0.002	75	20	2	1	Feldspar sericitized & kaolinized; biotite fresh.
75544	42.7-45.7	0.003	80	15	Tr	1	Sericitization strong.

Sample Number	Interval (Metres)	Assay % Mo	% Quartz	% Feldspar	% Mafics	% Pyrite	Remarks
75545	45.7 - 48.8	0.004	83	10	Tr	1	5% sericite; trace magnetite.
75546	48.8 - 51.8	0.005	90	5	Tr	1	3% sericite; trace magnetite.
75547	51.8 - 54.9	0.005	90	7	Tr	1	2% sericite.
75548	54.9 - 57.9	0.026	90	3	1	2	2% sericite.
75549	57.9 - 61.0	0.041	90	3	Tr	1	2-3% sericite; biotite weakly altered.
75550	61.0 - 64.0	0.046	90	3	Tr	1-2	2-3% sericite.
75751	64.0 - 67.1	0.026	95	3	-	1	2% sericite.
75752	67.1 - 70.1	0.007	95	2	1-2	1	Biotite weakly chloritized.
75753	70.1 - 73.2	0.005	95	3	1-2	1	Biotite unaltered; 1% sericite.
75754	73.2 - 76.2	0.005	95	4	Tr	1-2	Biotite chloritized.
75755	76.2 - 79.2	0.005	85	12	1	< 1	Feldspar kaolinized; biotite unaltered.
75756	79.2 - 82.3	0.003	80	20	< 1	< 1	Feldspar kaolinized, biotite-unaltered.
75757	82.3 - 85.3	0.003	95	5	-	1	
75758	85.3 - 88.4	0.005	97	1	-	< 1	1% sericite.

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APPENDIX "E"

GEOCHEMICAL ANALYSES

REPORTING DATE 26 JUN 1980

E-1

SAMPLE NUMBER	FIELD NUMBER		Cu PPM	Pb PPM	Zn PPM	Mo PPM
S80 10774	HP- 1	125 0+00	27	18	315	8
S80 10775	HP- 2	125 0+50E	11	5	135	2
S80 10776	HP- 3	125 1+00E	15	5	92	3
S80 10777	HP- 4	125 1+50E	7	<4	34	<2
S80 10778	HP- 5	125 2+00E	12	8	140	2
S80 10779	HP- 6	125 2+50E	28	11	197	4
S80 10780	HP- 7	125 3+00E	5	<4	213	<2
S80 10781	HP- 8	125 3+50E	44	11	116	<2
S80 10782	HP- 9	125 4+00E	12	4	222	<2
S80 10783	HP- 10	125 4+50E	14	4	59	<2
S80 10784	HP- 11	125 5+00E	17	14	140	2
S80 10785	HP- 12	125 0+50 W	36	32	655	13
S80 10786	HP- 13	125 1+00 W	14	16	890	15
S80 10787	HP- 14	125 1+50 W	55	16	870	12
S80 10788	HP- 15	125 2+00 W	13	9	97	3
S80 10789	HP- 16	125 2+50 W	19	9	78	8
S80 10790	HP- 17	125 3+00 W	29	82	84	42
S80 10791	HP- 18	125 3+50 W	41	8	200	12
S80 10792	HP- 19	125 4+00 W	9	<4	124	<2
S80 10793	HP- 20	125 4+50 W	12	4	162	2
S80 10794	HP- 21	125 5+00 W	9	<4	42	<2
S80 10795	HP- 22	135 0+00	8	5	55	17
S80 10796	HP- 23	135 0+50E	65	30	190	12
S80 10797	HP- 24	135 1+00E	22	21	120	17
S80 10798	HP- 25	135 1+50E	7	10	123	3
S80 10799	HP- 26	135 2+00E	24	56	105	9
S80 10800	HP- 27	135 2+50E	15	8	207	5
S80 10801	HP- 28	135 3+00E	5	<4	280	2
S80 10802	HP- 29	135 3+50E	5	<4	84	<2
S80 10803	HP- 30	135 4+00E	2	<4	171	<2
S80 10804	HP- 31	135 4+50E	20	17	203	<2
S80 10805	HP- 32	135 5+00E	6	<4	179	3
S80 10806	HP- 33	135 0+50W	26	12	144	6
S80 10807	HP- 34	135 1+00W	14	14	309	16
S80 10808	HP- 35	135 1+50W	13	16	296	8
S80 10809	HP- 36	135 2+00W	25	22	47	25
S80 10810	HP- 37	135 2+50W	18	9	98	7
S80 10811	HP- 38	135 3+00W	11	11	232	5

REPORTING DATE 26 JUN 1980

E-2

SAMPLE NUMBER	FIELD NUMBER	Cu PPM	Pb PPM	Zn PPM	Mo PPM
S80 10812	HP- 39	135 3+50W 8	7	63	5
S80 10813	HP- 40	135 4+00W 14	6	84	4
S80 10814	HP- 41	135 4+50W 9	4	137	5
S80 10815	HP- 42	135 5+00W 13	14	65	5
S80 10816	HP- 43	145 0+00E 13	<4	46	30
S80 10817	HP- 44	145 0+50E 10	4	186	6
S80 10818	HP- 45	145 1+00E 6	4	90	5
S80 10819	HP- 46	145 1+50E 16	4	143	6
S80 10820	HP- 47	145 2+00E 12	30	233	11
S80 10821	HP- 48	145 2+50E 53	23	205	5
S80 10822	HP- 49	145 3+00E 3	<4	113	<2
S80 10823	HP- 50	145 3+50E 10	20	85	4
S80 10824	HP- 51	145 4+00E 14	8	303	3
S80 10825	HP- 52	145 4+50E 34	12	122	7
S80 10826	HP- 53	145 5+00E 14	<4	190	3
S80 10827	HP- 54	145 0+50W 12	6	64	4
S80 10828	HP- 55	145 1+00W 8	6	192	<2
S80 10829	HP- 56	145 1+50W 23	22	263	7
S80 10830	HP- 57	145 2+00W 18	16	340	7
S80 10831	HP- 58	145 2+50W 11	8	116	4
S80 10832	HP- 59	145 3+00W 10	37	721	5
S80 10833	HP- 60	145 3+50W 173	60	1030	18
S80 10834	HP- 61	145 4+00W 38	18	172	5
S80 10835	HP- 62	145 4+50W 14	5	149	2
S80 10836	HP- 63	145 5+00W 16	5	119	<2
S80 10837	HP- 64	155 0+00 4	<4	18	8
S80 10838	HP- 65	155 0+50E 7	5	57	5
S80 10839	HP- 66	155 1+00E 10	8	88	5
S80 10840	HP- 67	155 1+50E 9	16	66	4
S80 10841	HP- 68	155 2+00E 8	<4	90	7
S80 10842	HP- 69	155 2+50E 12	9	72	6
S80 10843	HP- 70	155 3+00E 10	52	175	2
S80 10844	HP- 71	155 3+50E 15	37	180	4
S80 10845	HP- 72	155 4+00E 6	<4	49	2
S80 10846	HP- 73	155 4+50E 6	4	20	<2
S80 10847	HP- 74	155 5+00E 9	6	57	2
S80 10848	HP- 75	155 0+50W 12	8	91	5
S80 10849	HP- 76	155 1+00W 24	15	128	6

REPORTING DATE 26 JUN 1980

E-3

SAMPLE NUMBER	FIELD NUMBER	Cu PPM	Pb PPM	Zn PPM	Mo PPM
S80 10850	HP- 77 155 1+50W	17	11	1060	11
S80 10851	HP- 78 155 2+00W	11	19	145	10
S80 10852	HP- 79 155 2+50W	25	7	236	9
S80 10853	HP- 80 155 3+00W	24	6	95	17
S80 10854	HP- 81 155 3+50W	14	18	94	14
S80 10855	HP- 82 155 4+00W	15	12	93	24
S80 10856	HP- 83 155 4+50W	15	7	53	9
S80 10857	HP- 84 155 5+00W	38	6	65	28
S80 10858	HP- 85 165 0+00	10	22	110	15
S80 10859	HP- 86 165 0+50E	8	6	29	6
S80 10860	HP- 87 165 1+00E	5	4	36	4
S80 10861	HP- 88 165 1+50E	12	6	79	9
S80 10862	HP- 89 165 2+00 E	13	11	136	7
S80 10863	HP- 90 165 2+50E	10	8	146	2
S80 10864	HP- 91 165 3+00E	5	5	92	<2
S80 10865	HP- 92 165 3+50E	4	<4	74	<2
S80 10866	HP- 93 165 4+00E	7	4	79	2
S80 10867	HP- 94 165 4+50E	8	5	60	2
S80 10868	HP- 95 165 5+00 E	5	4	42	2
S80 10869	HP- 96 165 0+50W	27	22	82	5
S80 10870	HP- 97 165 1+00W	8	8	50	6
S80 10871	HP- 98 165 1+50W	26	7	53	2
S80 10872	HP- 99 165 2+00W	17	14	144	8
S80 10873	HP- 100 165 2+50W	14	8	229	4
S80 10874	HP- 101 165 3+00W	47	32	89	7
S80 10875	HP- 102 165 3+50W	8	12	105	6
S80 10876	HP- 103 165 4+00W	14	9	243	3
S80 10877	HP- 104 165 4+50W	15	7	213	3
S80 10878	HP- 105 165 5+00W	30	8	52	6
S80 10879	HP- 106 175 0+00	7	7	238	5
S80 10880	HP- 107 175 0+50E	10	6	62	6
S80 10881	HP- 108 175 1+00E	20	7	105	8
S80 10882	HP- 109 175 1+50E	4	<4	141	2
S80 10883	HP- 110 175 2+00E	5	6	63	<2
S80 10884	HP- 111 175 2+50E	6	<4	42	<2
S80 10885	HP- 112 175 3+00E	8	4	43	<2
S80 10886	HP- 113 175 3+50E	118	12	136	8
S80 10887	HP- 114 175 4+00E	30	8	150	5

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E-4

SAMPLE NUMBER	FIELD NUMBER	CU PPM	PB PPM	ZN PPM	MO PPM	
S80 10888	HP- 115	175 450E	6	10	187	2
S80 10889	HP- 116	175 5+00E	9	<4	46	<2
S80 10890	HP- 117	175 0+50W	8	4	67	2
S80 10891	HP- 118	175 1+00W	9	4	51	8
S80 10892	HP- 119	175 1+50W	9	6	66	8
S80 10893	HP- 120	175 2+00W	46	10	69	15
S80 10894	HP- 121	175 2+50W	27	21	83	14
S80 10895	HP- 122	175 3+00W	23	104	435	11
S80 10896	HP- 123	175 3+50W	9	16	510	7
S80 10897	HP- 124	175 4+00W	11	15	93	16
S80 10898	HP- 125	175 4+50W	16	11	86	14
S80 10899	HP- 126	175 5+00W	136	23	124	12
S80 10900	HP- 127	185 0+00W	15	<4	82	<2
S80 10901	HP- 128	185 1+00E	46	9	68	23
S80 10902	HP- 129	185 2+00E	8	8	162	8
S80 10903	HP- 130	185 3+00E	22	9	100	17
S80 10904	HP- 131	185 4+00E	2	<4	240	2
S80 10905	HP- 132	185 5+00E	5	<4	590	<2
S80 10906	HP- 133	185 6+00E	4	<4	44	2
S80 10907	HP- 134	185 7+00E	5	<4	30	<2
S80 10908	HP- 135	185 8+00E	7	4	50	4
S80 10909	HP- 136	185 9+00E	10	6	48	4
S80 10910	HP- 137	185 10+00E	6	<4	67	<2
S80 10911	HP- 138	185 11+00E	7	5	74	<2
S80 10912	HP- 139	185 12+00E	7	<4	91	<2
S80 10913	HP- 140	185 13+00E	3	<4	142	<2
S80 10914	HP- 141	185 14+00E	8	<4	159	5
S80 10915	HP- 142	185 15+00E	4	<4	38	<2
S80 10916	HP- 143	185 16+00E	6	<4	34	<2
S80 10917	HE- 144	185 17+00E	11	4	93	2
S80 10918	HP- 145	185 18+00E	6	<4	59	2
S80 10919	HP- 146	18+2505 0+00	11	6	78	2
S80 10920	HE- 147	18+2505 1+00E	9	<4	105	3
S80 10921	HP- 148	18+2505 2+00E	6	<4	93	4
S80 10922	HP- 149	18+2505 3+00E	6	5	37	<2
S80 10923	HP- 150	18+2505 4+00E	18	11	130	<2
S80 10924	HP- 151	18+2505 5+00E	4	<4	70	<2
S80 10925	HP- 152	18+2505 6+00E	4	<4	81	<2

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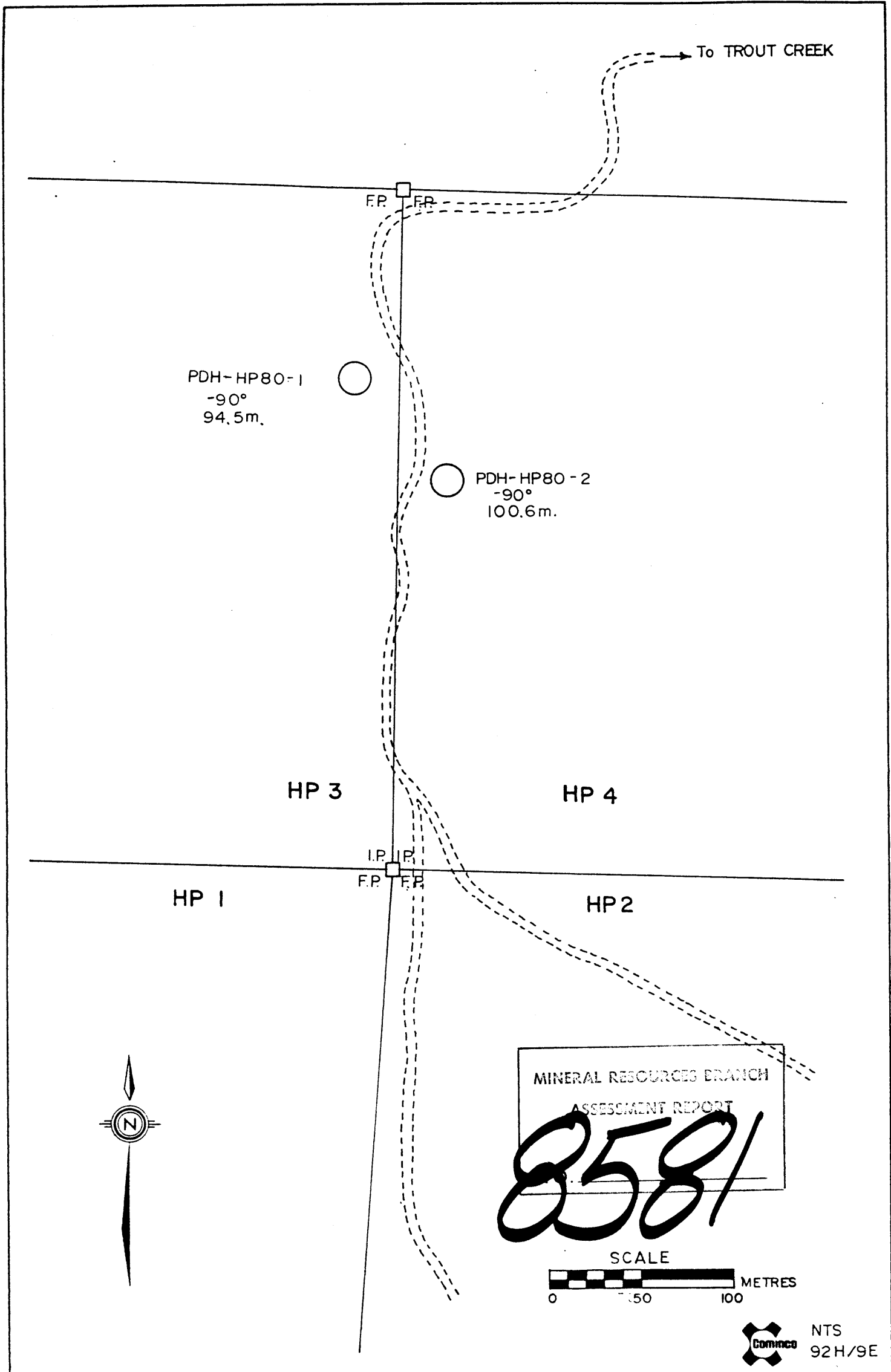
E-5

SAMPLE NUMBER	FIELD NUMBER		Cu PPM	Pb PPM	Zn PPM	Mo PPM
S80 10926	HP- 153	18+2505 7+00E	6	<4	41	2
S80 10927	HP- 154	18+2505 8+00E	12	9	59	4
S80 10928	HP- 155	18+2505 9+00E	14	4	46	<2
S80 10929	HP- 156	18+2505 10+00E	11	4	60	<2
S80 10930	HP- 157	18+2505 11+00E	19	5	24	4
S80 10931	HP- 158	18+2505 12+00E	14	4	76	3
S80 10932	HP- 159	18+2505 13+00E	14	6	79	4
S80 10933	HP- 160	18+2505 14+00E	13	4	64	2
S80 10934	HP- 161	18+2505 15+00E	7	<4	87	2
S80 10935	HP- 162	18+2505 16+00E	9	<4	274	<2
S80 10936	HP- 163	18+2505 17+00E	5	<4	86	<2
S80 10937	HP- 164	18+2505 18+00E	13	5	73	4

WHERE ANALYSIS REQUESTED BUT NO VALUES SHOWN, RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Cu Pb Zn 20% HNO₃ DIGESTION / AA
 Mo ~~HNO₃ - HClO₄ DIGESTION / COLORIMETRIC AA~~
Agua Regia digestion



Drawn by:		Traced by:	
Revised by	Date	Revised by	Date

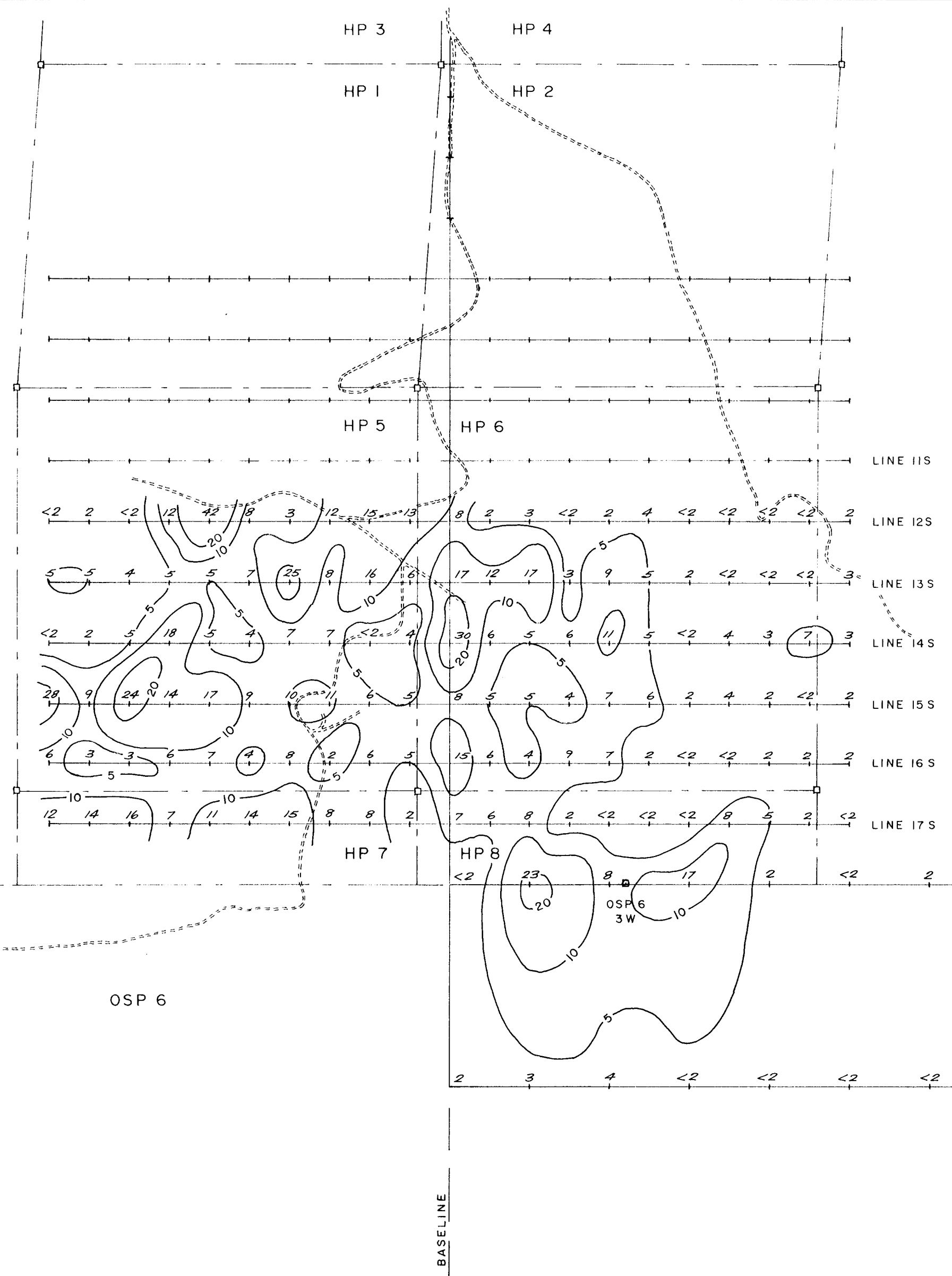
**OSPREY - HP OPTION
PERCUSSION DRILL HOLE
LOCATION MAP**

Scale: 1:2500

Date: JANUARY, 1981

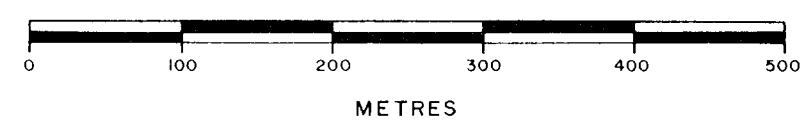
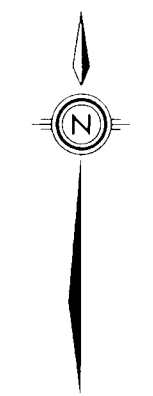
Plate: OSP-80-2

NO
 8581
 MINERAL AND PETROLEUM
 RESOURCES ACT
 1988

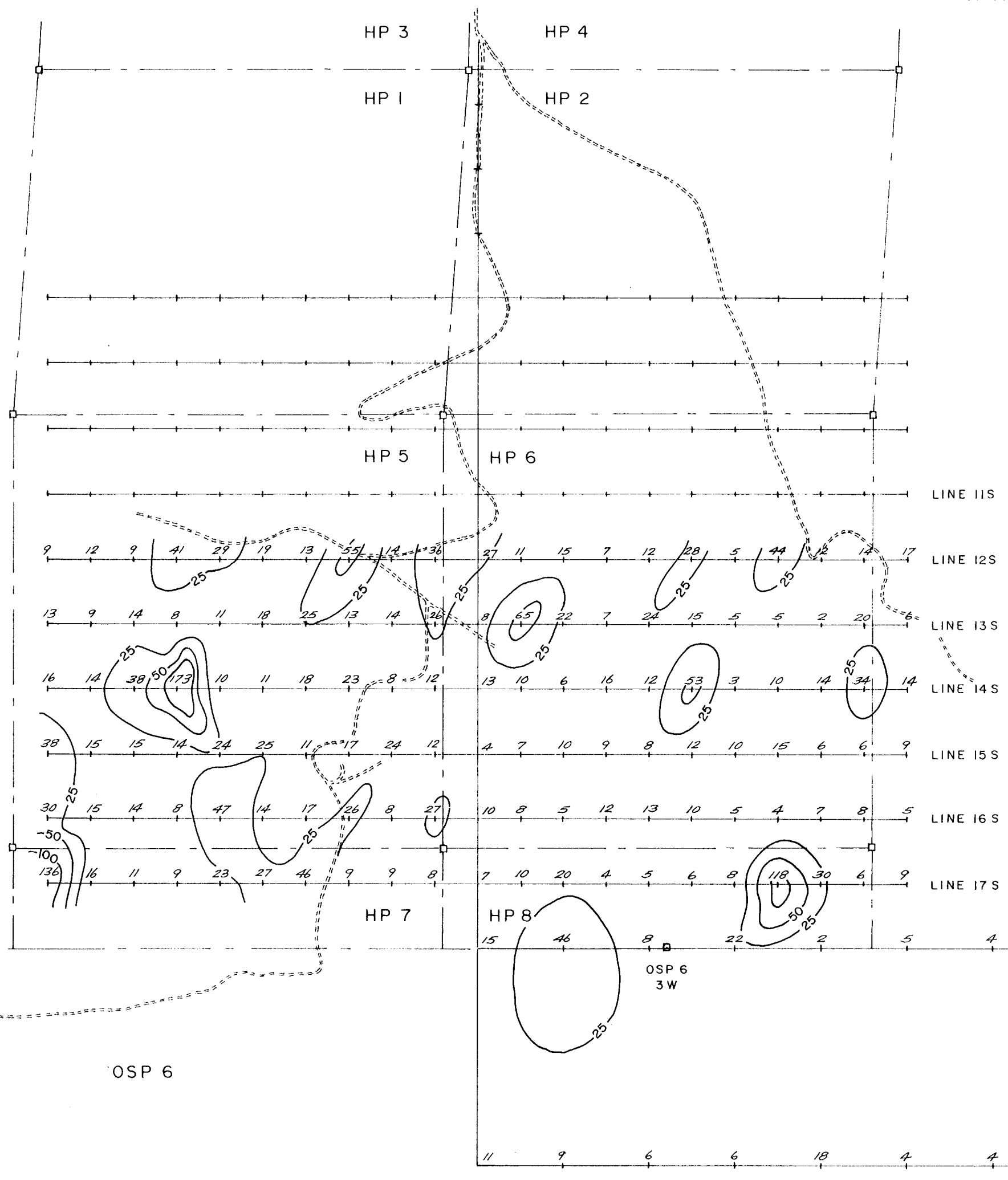


LEGEND

- Claim posts and boundary lines - located by chain and compass traverses
- Unimproved bush roads
- Sampling lines and sample sites
- Molybdenum in soil (ppm)
- contours: 5, 10, 20 ppm

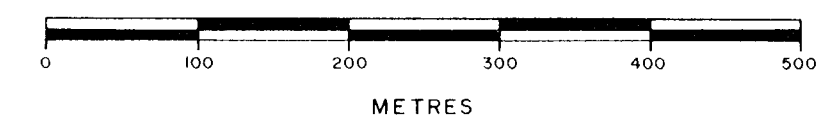
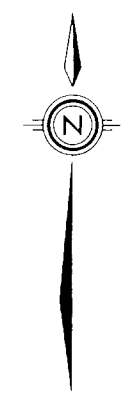


OSPREY - HP OPTION				92H/9
Drawn by: HPW		Traced by: <i>R.M.A.</i>		SOIL GEOCHEMISTRY - 1980 - MOLYBDENUM -
Revised by:	Date:	Revised by:	Date:	
Scale: 1: 5000		Date: JANUARY, 1981		Plate: OSP-80-3



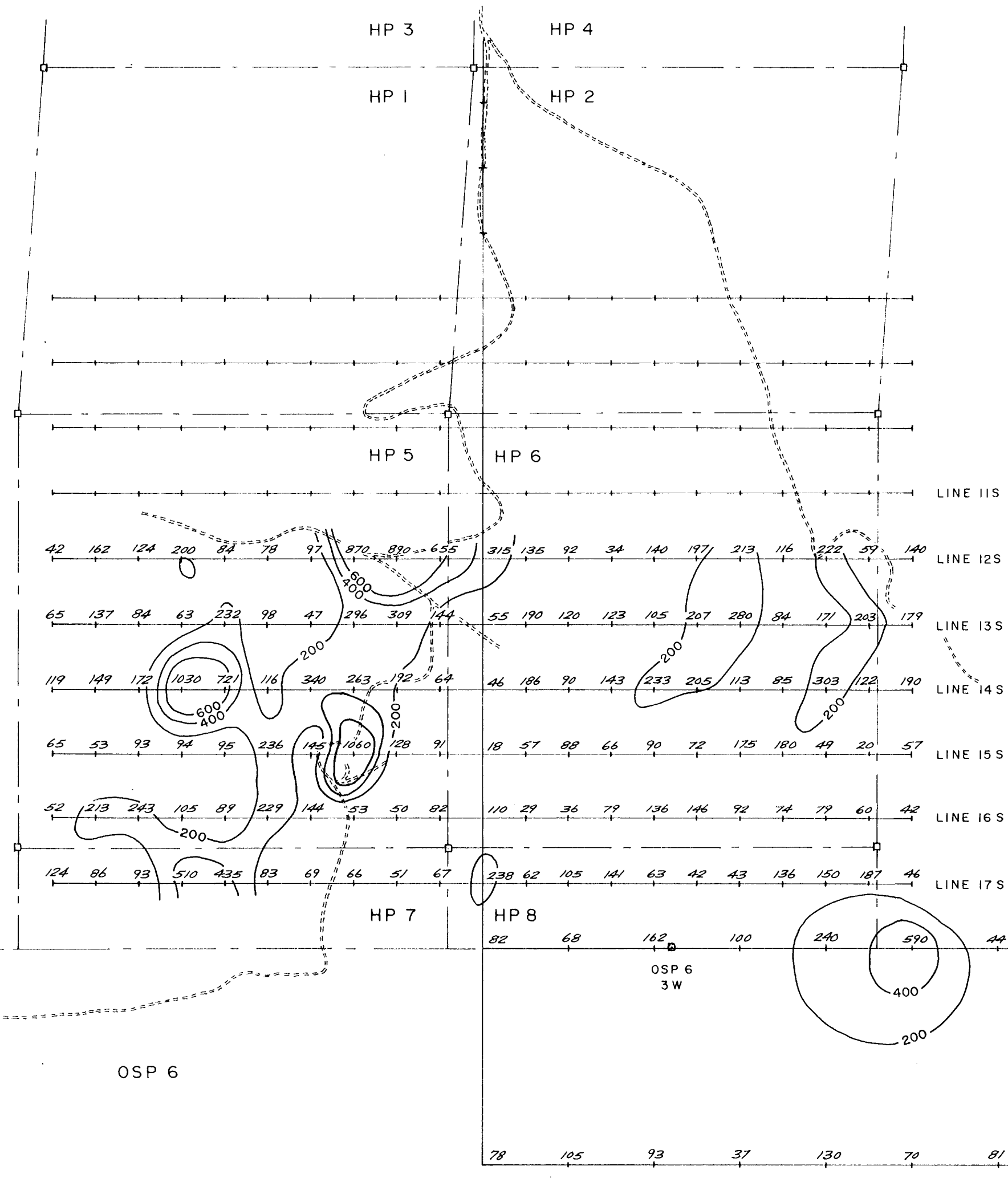
LEGEND

- Claim posts and boundary lines - located by chain and compass traverses
- Unimproved bush roads
- Sampling lines and sample sites
- Copper in soil (ppm)
- contours: 25, 50, 100 ppm



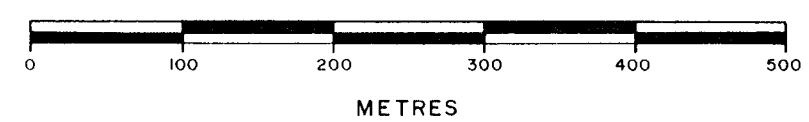
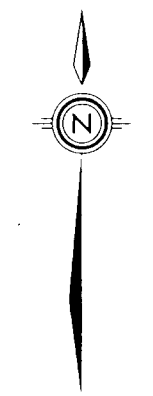
NO. **8581**

OSPREY - HP OPTION				92 H/9		
Drawn by: HPW	Traced by: <i>R.M.A.</i>	SOIL GEOCHEMISTRY - 1980 - COPPER -				
Revised by:	Date:				Revised by:	Date:
Scale: 1:5000		Date: JANUARY, 1981		Plate: OSP-80-4		



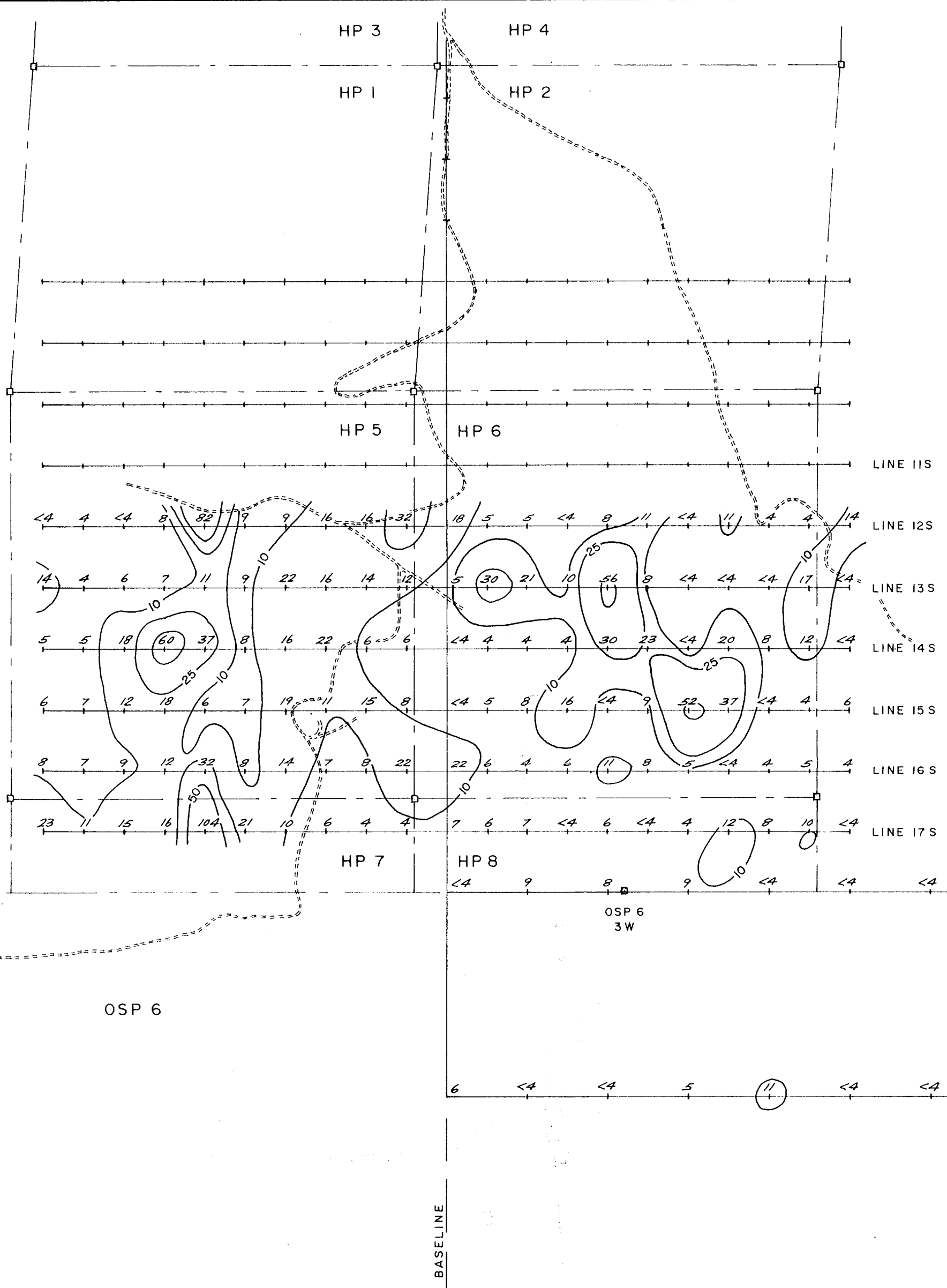
LEGEND

- Claim posts and boundary lines - located by chain and compass traverses
- Unimproved bush roads
- Sampling lines and sample sites
- Zinc in soil (ppm)
- contours: 200, 400, 600 ppm



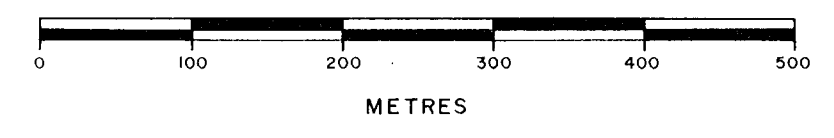
MINERAL RESOURCES DIVISION
 REGISTRAR GENERAL
 8581

OSPREY - HP OPTION				92H/9
Drawn by: HPW		Traced by: <i>R.M.A.</i>		SOIL GEOCHEMISTRY - 1980 - ZINC -
Revised by	Date	Revised by	Date	
				Scale: 1: 5000 Date: JANUARY, 1981 Plate: OSP-80-5



LEGEND

- Claim posts and boundary lines - located by chain and compass traverses
- Unimproved bush roads
- Sampling lines and sample sites
- Lead in soil (ppm)
- contours: 10, 25, 50 ppm



OSP 6
5W

OSP 6

HP 7

BASELINE

OSP 6
3W

HP 8

OSP 6
L.P.

OSPREY - HP OPTION				92H/9
Drawn by: HPW		Traced by: <i>R.M.A.</i>		SOIL GEOCHEMISTRY - 1980 - LEAD -
Revised by:	Date:	Revised by:	Date:	
Scale: 1: 5000		Date: JANUARY, 1981		Plate: OSP-80-6