

GEOLOGICAL AND GEOCHEMICAL REPORT

FOR

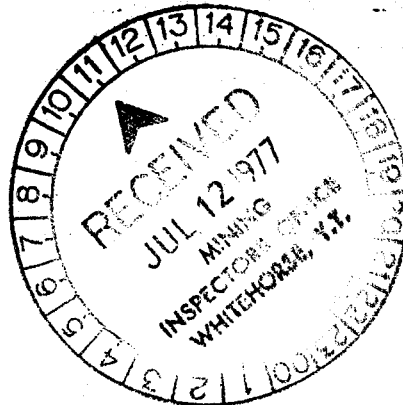
MINERAL CLAIM GROUPS

PL 1-8; 18-25 and PL 9-17; 26-28

Located at 140°52'W 65°21'N

IN

THE DAWSON CITY MINING DIVISION



BP Minerals Limited
May, 1977

L.H. Green
L.H. Green
R.E.W. Lett
D.K. Mustard

090190



This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of

\$ 5,600 ~~2,600.00~~

Handwritten initials

Michael Macleod

~~A/ Resident Geologist or
Resident Mining Engineer~~

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

Handwritten initials

B. R. BAXTER
Supervising Mining Recorder

pc Commissioner of Yukon Territory

ONLY \$2600.00
ALLOWABLE FOR AS
ASSESSMENT
WORK PRIOR TO
RECORDING
ACCEPTABLE
SMR
18 July 77

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LOCATION AND ACCESS

Mineral claims PL 1 to 28 are located on the west side of Ettrain Creek, three miles west of the Yukon-Alaska border at longitude $140^{\circ}52'W$; latitude $65^{\circ}21'N$. The claims are accessible by helicopter from Dawson City 80 miles to the southwest. Geological mapping and geochemical sampling were carried out from a base camp established on the Tatonduk River 15 miles southeast of the area.

GEOLOGY

A number of lead-zinc showings occur on the claims hosted by altered Devonian carbonate rocks and located several hundred feet from a northwest striking, southwest dipping thrust. Location of the Main, Hoodoo and Base Line showing, distribution of lithologies, structure are shown in Fig.1B Precambrian rocks, which form the upper plate of the thrust are dark grey weathering, grey to light grey quartzites which are, in places, interbedded with silty and micaceous shale. The dark weathering colour results from a heavy lichen coating growing on rectangular talus blocks. These blocks form a felsenmeer on upland summits and extensive talus fans over hill slopes. Long talus stream, resulting from frost heaving and solifluction, extend into some of the nearby valleys.

Devonian rocks include grey weathering, grey to

light grey limestone and dolomite. A narrow, northwest trending zone of fracturing, paralleling the thrust, in the limestone contains densely silicified and vuggy veined sections. Silicified fossil material, including distinctive "two holer" crinoid, suggest that carbonate rocks may be equivalent with the Mid Devonian Ogilvie formation.

Galena occurs mainly as thin platelets along fractures which crop out on the Hoodoo showing. Small fragments are visible in earthy material on the Main showing. Mineralization at the Base Line showing consists of minor galena in a white to buffy, partially silicified carbonate rock. Scattered single large crystals of orange-yellow sphalerite occur in the highly silicified, fractured carbonates. On the flanks of the silicified zone, brecciated carbonate that is mainly dolomitized limestone is healed by rusty weathering ferruginous dolomite. Galena is also abundant in the form of scattered grains and thin replacing veinlets.

GEOCHEMISTRY

Physiography of the PL claim group is dominated by a large northwest-southeast trending ridge separating Ettrain from Tindir Creeks. Lead-zinc sulphide occurrences (BL, Hoodoo, Main showing) are in carbonate rocks lying beneath a major thrust and occur along the crests and talus covered sides of prominent spurs extending to the northeast from the main ridge. Several intermittent streams draining

the claim group flow in steep sided valleys formed between the ridge spurs. Extensive quartzite talus on the upper plate of the thrust covers the western half of the property. Regosolic soil, weathered bedrock residium and intermittent carbonate outcrop occur along the ridge spurs. Permafrozen, degraded, brunisolic soil covers lower hill slopes and valley bottoms.

Samples from the B soil horizon and talus fines were collected at intervals ranging from 10 to 100 feet along northeast-southwest orientated reconnaissance traverses. Distribution of total lead, zinc, cadmium and silver values, with geology, is shown in Figs. 1B, 2, 3, 4. Several zones of highly anomalous (> 357 ppm) lead roughly parallel to the thrust extend from 75N to 225S. Levels of lead reach 8000 ppm with 10.6 ppm silver in soil from the area of the Main showing, but decrease sharply to below 50 ppm at the contact of quartzite talus with carbonates. Lead soil anomalies (values > 178 ppm) have an average width of 100-200 feet that increases to 1000 feet east of the base line on lines ON and 35N. Spatial distribution of the high contrast lead anomalies suggests that lead sulphides may be confined to several relatively narrow zones, parallel the thrust. However, continuity of the zones through the area of the claim group cannot be assumed due to the wide spacing of traverses.

A zinc anomaly (> 633 ppm) with values up to 2200 ppm and 8.0 ppm Cd, with a maximum width of 800 feet, extends

from 12S to 50N. A zone with values in the high background range (264-632 ppm) covers a larger area between 22S and 75N and generally coincides with high contrast lead anomalies.

Anomalous lead and zinc values occur in sediment from the intermittent stream that flows in the valley between the PL and Main showings. This anomaly persists from a source at the base of the Hoodoo showing talus fans, where levels of lead reach 416 ppm, to the confluence with Ettrain Creek. Anomalous lead values also occur in sediment from a stream that crosses the northwest edge of the claim group. No significant variation in content of iron and manganese in soils is evident.

To evaluate the anomalies samples were collected at several depths from vertical soil profiles exposed in shallow pits. These were excavated on the talus fan below the Hoodoo showing and along a traverse northeast of the Base Line showing. Location of pits is shown in Fig. 1B. The -80 mesh and +40 mesh crushed rock size fractions were analyzed for total lead, zinc, silver, cadmium, iron and manganese. Distribution of lead, zinc, silver and cadmium is illustrated for pits east of the Base Line showing in Figs. 5&6. Values are listed in Appendix D. Total lead and silver in both size fractions decrease down soil profiles especially in talus fines from the Hoodoo showing. Total zinc and cadmium, however, show a small decrease or may

remain constant with depth down soil profiles. Values for all total metals in the +40 mesh crushed fraction are considerably lower than those for the -80 mesh fraction of the samples. This relationship is most evident for talus fines below the Hoodoo showing.

CONCLUSIONS

1. Mineral showing on the PL claims probably reflect epigenetic lead-zinc mineralization with associated dolomitization and silicification. Migration of metal-rich solutions post-dated thrusting of Precambrian rocks over Devonian carbonates and was largely controlled by fracture zones parallel to the thrust.
2. Distribution of lead and zinc in the B soil horizon indicates base metal sulphides may occur in several parallel lenses. Variation in the vertical distribution of lead and zinc from pit samples could, however, reflect contrast between concentrations of lead as small, high grade lenses and zinc as larger, lower grade, more homogeneous disseminations.
3. Lead, zinc, cadmium and silver, released mainly by physical weathering of host rock, are dispersed as talus fines by soil creep and possibly solifluction. Hydromorphic dispersion of metals is a comparatively minor process in this environment.
4. Lead, zinc, silver and cadmium values in soil developed on the level ridge tops, e.g. east of the Main showing, may reflect similar levels in the underlying bedrock. Physical dispersion of mineralized material down slopes from ridge crests will result in a significant enlargement of original highly anomalous zones.

RECOMMENDATION

Additional detailed geological mapping and prospecting is recommended for the claims with the objective of defining ore grade material (>10% combined Pb/Zn) in outcrop or suboutcrop.

APPENDIX A

LIST OF CLAIMS AND TAG NUMBERS

<u>CLAIM NAME</u>	<u>TAG NUMBER</u>	<u>PRESENT HOLDER OF CLAIMS</u>
PL 1	YA 5104	BP Minerals Limited
" 2	" 5105	"
" 3	" 5106	"
" 4	" 5107	"
" 5	" 5108	"
" 6	" 5109	"
" 7	" 5110	"
" 8	" 5111	"
" 9	" 5112	"
" 10	" 5113	"
" 11	" 5114	"
" 12	" 5115	"
" 13	" 5116	"
" 14	" 5117	"
" 15	" 5118	"
" 16	" 5119	"
" 17	" 5120	"
" 18	" 5121	"
" 19	" 5122	"
" 20	" 5123	"
" 21	" 5124	"
" 22	" 5125	"
" 23	" 5126	"
" 24	" 5127	"
" 25	" 5128	"
" 26	" 5129	"
" 27	" 5130	"
" 28	" 5131	"

APPENDIX B

STATEMENT OF COSTS

1) Geological Mapping: (June 27,28,29,30, July 8)

L.H.Green	Consultant	5 man days at \$150/day	\$750
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2) Geochemical Sampling:(June 27,28,29,30,July8)

R.E.W.Lett	Geologist/Geochemist	5 man days at \$80/day	\$400
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C.Chappell	Student	3 man days at \$57/day	\$171
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R.Edwards	Student	3 man days at \$57/day	\$171
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I. Cameron	Geochemical Tech'n	4 man days at \$48/day	\$192
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3) Sample preparation and expediting on June 28,29
in Dawson City by

M.DuPlessis		2 man days at \$40/day	\$80
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4) Consultant Geologist.

P.Laznika	Consultant Geologist	on June 27th 1 man day at \$100/day	\$100
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Food and accomodation at Base Camp
Located on N. Tatonduk River

21 days at \$18/ man day	\$378
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Helicopter Support

Base camp to property during 5 days work
at 1 hr's flying time/day

5 hours at \$295/hour	\$1475
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Fuel at 22 gals./hr. at \$0.717/gal.	\$15
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Geochemical Analysis and Assay (July 1976)

335 soil and stream sediments (-80 mesh sized fraction) for 6 elements:Cu,Pb,Zn,Cd,Fe,Mn at \$2.90/sample	\$971
328 soil and stream sediments for silver at \$1/sample	\$328
40 (+40 mesh sized pit soil samples for 7 elements (Cu,Pb,Zn,Cd,Fe,Mn,Ag) at \$4/sample	\$160
4 rock assays for Ag,Pb,Zn at \$10.25/sample	\$41
3 rock assays for Ag,Pb,Zn,Cd at \$21.00/sample	\$63
5 rock chips for Cu,Pb,Zn,Cd,Ag at \$3.85/sample	\$19
10 rock chips for Cu,Pb,Zn,Cd at \$3.60/sample	\$36

Report Preparation

R.Lett for 4 days at \$80/day \$320

Total Assessment Cost \$5670

Costs Applied to Groupings

1) PL 1 to 8; PL 18 to 25
16 claims for 2 years at \$100/claim \$3200

2) PL 9 to 17; PL 26 to 28
12 claims for 2 years at \$100/claim \$2400

TOTAL \$5600

APPENDIX C

WHOLE ROCK ANALYSES AND ASSAY RESULTS1. PL Claims Rock Geochemistry(a) South of BL Showing

Sample #	Cu	Pb	Zn	Cd	Ag	Location	Description
11-1	6	43	175	0.6	-	0E; 12S	Silicified limestone
11-2	5	136	168	1.0	-	0E; 12S	" "
11-3	5	92	150	0.3	-	0E; 12S	" "

(b) Hoodoo Showing

11-4	9	5200	3000	11.2		0.5E;32N	Silicified dolomite with galena & sphalerite
11-5	6	5030	980	2.8		0.5E;32N	as fracture fillings
12-148	7	27	62	0.4	0.1	0.7E;0N	Limestone at base of pit #16

(c) Between BL and Hoodoo Showings

12-152	16	16	16	0.2	0.1	2W; 6N	Quartzite on upper plate of thrust
12-153	6	235	114	0.7	0.1	0E; 11N	Silicified dolomite close to thrust
12-154	7	46	58	0.2	0.1	1E; 13N	Silicified dolomite breccia
12-155	6	170	190	0.7	0.1	2E; 14N	" "

(d) BL Showing

Sample #	Pb	Zn	Cd	Ag	Location	Description
96-101	52	215	2.0	1.6	0.5E; 1S	Limestone breccia
96-102	5600	269	2.5	1.9	0E; 0.5S	" " with visible galena as fracture filling
96-103	127	85	2.0	1.5	0E; 0.5N	Limestone breccia
96-104	78	73	1.7	1.6	1E; 0N	" "

APPENDIX C (continued)

2. Assay of Hoodoo Showing Samples on PL Claims

Sample #	Ag(oz/ton)	% Pb	% Zn	% Cd	Description
G544	Tr	0.27	0.5	Tr	Chip samples taken at 1 foot interval across 50 feet on the uphill face of the upper Hoodoo
G544A	0.15	0.58	Tr	Tr	Chip sample taken at 1 foot interval across 30 feet on the downhill face of the lowest Hoodoo
G544B	0.38	1.48	Tr	Tr	Sample of fine talus below the Hoodoo's taken over a distance of 125 feet

Main Showing

CS1	0.08	0.78	0.13		Grab sample of dolomite on Main Showing
CS2	0.23	2.07	0.05		" " "
CS3	1.02	3.65	1.92		" " "
CS4	0.41	1.60	1.52		" " "

APPENDIX D

Analytical Techniques

Oven dried soil, talus fines and drainage sediment samples were sieved through 10 and 80 mesh sized screens. Pebble cards were prepared, in the field, from the +10 mesh size fraction. A portion of the -80 mesh size fraction was digested in hot aqua regia and lead, zinc, copper, iron, manganese, cadmium, silver concentration, in the solution, determined by atomic absorption spectrometry with background correction for lead, silver and cadmium.

Crushed and milled rock samples were also leached with hot aqua regia and zinc, cadmium, lead, silver contents determined by atomic absorption. Several bulk rock samples from the PL claims were assayed for zinc, lead, cadmium and silver. Analytical results are listed in Appendices C and E.

<u>Metal Determined</u>	<u>Company</u>
'Total' Pb, Zn, Cd, Cu, Fe & Mn on soil, talus fines and stream sediment	Acme Analytical, Dawson City, Y.T.
'Total' Ag on soil, talus fines and stream sediment	Rosbacher Laboratory, Vancouver, B.C.
Pb, Zn, Cd, Ag, Cu on crushed rock	" " "
Assay of bulk rock samples	Whitehorse Assay Office, Whitehorse, Y.T.
" " " "	Acme Analytical, Vancouver, B.C.
" " " "	Vangeochem Ltd., Vancouver B.C.

APPENDIX E

SLIST	PITS, PR sample #	Coordinates (local grid)	Map sheet	Map	Depth CH	Soil type	Pit #	Ag	Cu	Pb	Zn	Cd	Fe	Mn
1	5076510P 120101	071002001295000	116F07	21 18	200010BBM	75YR42	20102SEPT03	6.0	6	6000	920	1.4	2.4	3200
2	5076510P 120102	071002001295000	116F07	21 18	318025BAH	10YR31	02SEPT03	1.4	14	1300	1520	3.4	3.9	3600
3	5076510P 120103	071002001295000	116F07	21 18	732040BBM	10YR54	20102SEPT03	2.0	8	2200	1200	2.0	3.0	3200
4	5076510P 120104	071002001308000	116F07	21 18	207019BBM	10YR44	20125NEPT04	6.4	6	6800	1040	1.6	2.4	3340
5	5076510P 120105	071002001308000	116F07	21 18	223037BBM	10YR44	30125NEPT04	3.4	8	3200	1040	1.8	2.5	3190
6	5076510P 120106	071002001308000	116F07	21 18	237060BBM	10YR44	40125NEPT04	2.0	8	1640	1000	1.8	2.2	2860
7	5076510P 120107	071004001309000	116F07	21 18	710025BBM	10YR44	35125NEPT05	0.8	6	860	960	1.6	1.6	1700
8	5076510P 120108	071004001309000	116F07	21 18	725047BBM	10YR44	35125NEPT05	0.4	10	400	920	1.4	3.0	1720
9	5076510P 120109	071004001309000	116F07	21 18	255080BBM	10YR43	35125NEPT05	0.2	18	840	360	0.6	4.0	780
10	5076510P 120110	071006001312000	116F07	21 18	202012BBM	10YR44	80130NEPT06	1.0	8	840	1960	2.4	3.1	3740
11	5076510P 120111	071006001312000	116F07	21 18	212028BBM	10YR44	80130NEPT06	0.4	2	220	1520	1.8	1.9	2460
12	5076510P 120112	071008001319000	116F07	21 18	204014BBM	10YR44	55130NEPT07	2.2	6	1580	2320	2.4	2.6	3060
13	5076510P 120113	071008001319000	116F07	21 18	214027BBM	10YR44	55130NEPT07	1.0	8	780	1920	1.9	2.6	2220
14	5076510P 120114	071004001319000	116F07	21 18	204024BBM	10YR44	20130NEPT08	1.4	4	220	220	2.8	1.9	3000
15	5076510P 120115	071004001319000	116F07	21 18	224055BBM	10YR44	75130NEPT08	1.0	6	960	2000	2.8	2.1	2620
16	5076510P 120116	071004001319000	116F07	21 18	255095BBM	10YR43	50130NEPT08	1.4	26	1080	1160	1.2	4.2	1300
17	5076510P 120117	07C997001319000	116F07	21 18	205020BBM	10YR44	25130NEPT09	6.0	6	6400	1160	2.0	2.4	3620
18	5076510P 120118	07C997001319000	116F07	21 18	750072RCI		90130NEPT09	4.0	6	4800	1300	2.2	2.9	3700
19	5076510P 120119	071003001320000	116F07	21 18	720030RCI	10YR44	30NE	6.4	14	5600	2500	2.8	3.1	3080
20	5076510P 120120	071002001320000	116F07	21 18	720030RCI	10YR44	30NE	6.0	6	5400	2560	2.2	2.2	5000
21	5076510P 120121	071008001324000	116F07	21 18	702015RCI		10130NEPT10	5.8	6	4400	2500	2.2	2.2	4400
22	5076510P 120122	071008001324000	116F07	21 18	715035RCI		10130NEPT10	4.8	6	2600	2600	2.2	2.2	3980
23	5076510P 120123	071042001370000	116F07	21 18	202015BBM	10YR54	50125SSPT11	14.2	14	10800	2360	2.8	3.3	4600
24	5076510P 120140	071126001000000	116F07	21 18	310020BAH331	10YR31	25NEPT14	0.4	2	24	44	0.8	0.8	240
25	5076510P 120141	071126001000000	116F07	21 18	320040BCC331	10YR41	25NEPT14	0.6	10	240	340	0.6	3.2	200
26	5076510P 120142	071126001000000	116F07	21 18	360080BCC331	10YR31	40 25NEPT14	0.4	10	200	274	0.4	3.1	220
27	5076510P 120143	071105001000000	116F07	21 18	710020BAH331	10YR32	25NEPT15	0.6	8	320	410	1.8	2.6	1260
28	5076510P 120144	071105001000000	116F07	21 18	200400CCC031		80 25NEPT15	0.6	6	226	360	1.4	2.1	640
29	5076510P 120145	071105001000000	116F07	21 18	740060RCC331		80 25NEPT15	0.6	4	190	264	1.4	1.8	560
30	5076510P 120146	071086001000000	116F07	21 18	710020RCC331	10YR44	30NEPT16	1.0	10	300	690	1.2	3.2	620
31	5076510P 120147	071086001000000	116F07	21 18	745060RCC331	10YR44	30NEPT16	1.0	12	260	500	1.2	2.7	500
32	8176510P 120148	071086001000000	116F07	21 18	331		30NEPT16		7	27	62	0.4		
33	5076510P 120149	071050001010000	116F07	21 18	305020B 331	10YR33	02SSPT17	1.4	18	320	1200	0.6	3.6	260
34	5076510P 120150	071050001010000	116F07	21 18	320040B 331	10YR42	20 02SSPT17	1.2	28	300	400	0.9	3.0	380
35	5076510P 120151	071050001010000	116F07	21 18	240060BCC331	10YR42	50 02SSPT17	1.4	28	310	560	1.0	3.4	360
36	5076510P 1211241071042001370000		116F07	21 18	215035BBM	10YR54	50125SSPT11	0.2	10	140	74	0.4	3.0	240

END OF FILE

SLIST	PL_V	AG	Sample #	Coordinates Map		Sample Colour	PPM						
				(Local Grid)	Sheet		Ag	Cu	Pb	Zn	Cd	%Fe	Mn
1	1076510P	970091	077500001225000	116F07	002010565414	331 GREY 3 04E	0.4	54	90	128	.1	7.1	1050
2	1076510P	970092	077850001246000	116F07	0030153 413	331 GREY 1 03NE	0.4	59	36	124	.1	5.8	930
3	1076510P	970093	078000001268000	116F07	0040355 413	331 GREY 2 03NE	0.2	66	36	140	.1	7.8	1150
4	1076510P	970094	079100001290000	116F07	0020305 413	331 GREY 2 03NE	1.0	62	38	130	.1	6.7	1060
5	5076510P	110010	071060001600000	116F07	321 16	710 20BBM332 MEDBRN 110SW	0.8	16	161	225	0.5	1.6	640
6	5076510P	110012	071070001600000	116F07	321 16	710 30BBM332 MEDBRN 120SW	0.4	12	123	184	.1	1.4	460
7	5076510P	110013	071075001600000	116F07	321 16	715 30BBM332 MEDBRN 20SW	0.4	11	102	146	.3	0.7	820
8	5076510P	110014	071080001600000	116F07	321 16	715 30BBM332 MEDBRN 20SW	0.4	13	186	230	.3	1.5	800
9	5076510P	110015	071085001600000	116F07	321 16	710 30BBM332 MEDBRN 120SW	0.4	11	193	255	.2	1.5	500
10	5076510P	110016	071090001600000	116F07	321 16	715 30BBM332 MEDBRN 120SW	0.2	13	120	126	.3	2.1	640
11	5076510P	110017	071095001600000	116F07	321 16	710 30BBM332 MEDBRN 120SW	0.2	10	92	164	.6	1.1	940
12	5076510P	110018	071100001600000	116F07	321 16	730 45BBM332 MEDBRN 120SW	0.2	10	160	220	.4	1.	720
13	5076510P	110019	071105001600000	116F07	21 16	730 45BBM332 MEDBRN 120SW	0.2	10	62	84	.4	1.6	970
14	5076510P	110020	071110001600000	116F07	321 16	730 45BBM332 MEDBRN 120SW	0.4	9	47	162	.5	1.5	480
15	5076510P	110021	071115001600000	116F07	321 16	720 30BBM332 MEDBRN 20SW	0.4	13	82	230	1.3	2.3	1380
16	5076510P	110022	071120001600000	116F07	321 16	720 30BBM332 MEDBRN 05SW	0.6	17	440	265	0.2	3.1	1160
17	5076510P	110023	071125001600000	116F07	321 16	720 30BBM332 MEDBRN 05SW	1.2	14	1020	470	1.8	2.1	2150
18	5076510P	110024	071130001600000	116F07	321 16	710 20BBM332 MEDBRN 00	0.8	14	370	1300	4.0	2.9	1160
19	5076510P	110033	071120001600000	116F07		30 35 BRN 00	0.2	15	130	130	0.2	2.95	520
20	5076510P	110034	071125001600000	116F07		25 30 BRN 00	1.2	19	1200	460	1.1	2.55	1300
21	5076510P	110035	071130001600000	116F07		200 25 BRN 00	1.4	13	1360	900	3.1	1.60	2200
22	5076510P	110036	071135001600000	116F07		250 30 BRN 00	0.2	11	62	72	0.2	2.65	500
23	5076510P	110037	071140001600000	116F07		030 BRN 00	0.8	37	126	142	0.4	4.05	1220
24	5076510P	110038	071145001600000	116F07		030 YLW 00	0.2	16	48	106	0.2	3.55	420
25	5076510P	110039	071150001600000	116F07		025 BRN 15SE	0.6	46	180	460	2.4	3.45	2050
26	5076510P	110040	071155001600000	116F07		025 BRN 20SE	0.4	22	50	158	0.5	2.90	1000
27	5076510P	110041	071160001600000	116F07		025 BRN 20SE	0.8	23	49	240	1.1	2.10	650
28	5076510P	110042	071165001600000	116F07		020 BRN 20SE	0.6	13	130	320	1.3	1.15	700
29	5076510P	110043	071170001600000	116F07		025 BRN 20SE	0.6	19	142	520	1.8	2.20	1070
30	5076510P	110044	071175001600000	116F07		025 BRN 25SE	0.4	14	98	280	1.3	.75	610
31	5076510P	110045	071180001600000	116F07		025 BRN 25SE	0.4	5	64	130	0.5	.30	260
32	5076510P	110046	071125001750000	116F07		030 BLK 30NW		21	150	205	0.4	1.10	500
33	5076510P	110047	071135001750000	116F07		020 BRN 30NW	1.0	30	194	330	0.9	3.05	650

34	5076510P	110048	071140001750000	116F07	015	BRN	35NW	0-8	18	590	550	2.7	.85	1080	
35	5076510P	110049	071145001750000	116F07	030	BRN	35NW	1-2	18	430	320	1.0	1.05	1160	
36	5076510P	110053	071165001750000	116F07	015	BRN	35NW	0-4	11	290	310	1.3	.85	600	
37	5076510P	110054	071170001750000	116F07	015	BRN	35NW	0-4	15	365	350	1.7	.90	750	
38	5076510P	110055	071175001750000	116F07	015	BLK	35NW	0-4	15	295	400	2.1	.85	1080	
39	5076510P	110056	071180001750000	116F07	015	BRN	35NW	0-4	11	166	360	1.3	1.10	800	
40	5076510P	110057	071185001750000	116F07	025	BRN	35NW	0-4	13	285	380	1.6	1.20	750	
41	5076510P	110058	071190001750000	116F07	025	BRN	35NW	0-4	9	94	520	1.6	.45	500	
42	5076510P	110059	071195001750000	116F07	025	BRN	30NW	0-4	9	210	440	1.2	.95	980	
43	5076510P	110060	071200001750000	116F07	030	BRN	30NW	0-4	11	78	560	2.0	2.45	380	
49	5076510P	120051	071074001421000	116F07	321 18	305010BBM315	10YR54	20120NW	2.6	13	230	560	0.8	2.0	1120
50	5076510P	120052	071073001422000	116F07	321 18	305010BBM315	10YR54	120NW	1.6	11	180	335	.5	1.1	580
51	5076510P	120053	071084001422000	116F07	321 18	310015BBM315	810YR44	125NW	1.2	11	162	295	.3	1.3	610
52	5076510P	120054	071089001423000	116F07	321218	310015BBM332	10YR44	125NW	0.6	8	68	34	.1	1.0	60
53	5076510P	120055	071094001424000	116F07	321218	605010BAH331	10YR44	125NW	0.2	7	64	26	.1	3.2	140
54	5076510P	120056	071099001425000	116F07	321218	605010BAH331	10YR34	125NW	0.2	6	58	28	.1	2.7	102
55	5076510P	120057	071104001426000	116F07	321218	305010BAH331	10YR34	125NW	0.8	9	102	220	.3	0.9	460
56	5076510P	120058	071109001427000	116F07	321218	305010BAH331	10YR34	125NW	0.8	8	108	290	.4	1.4	245
57	5076510P	120059	071114001428000	116F07	321 18	310015BBM331	10YR44	130NW	1.0	7	225	430	.4	2.9	560
58	5076510P	120060	071118001428000	116F07	321218	305010BBM331	10YR44	50125NW	0.2	7	94	172	.3	0.8	350
59	5076510P	120061	071123001429000	116F07	321218	305010BBM331	10YR44	50125NW	0.4	8	92	400	1.0	2.2	580
60	5076510P	120062	071123001430000	116F07	321 18	210015BBM331	10YR54	50110NW	0.6	10	120	415	0.8	1.4	770
61	5076510P	120063	071133001431000	116F07	321 18	210015BBM331	10YR54	50110NW	0.8	11	94	340	.4	1.7	730
62	5076510P	120064	071133001432000	116F07	321218	3 5 10BAH331	10YR34	80120NW	0.2	8	102	235	.3	1.0	830
63	5076510P	120065	071143001433000	116F07	321218	3 5 10BLH331	10YR34	80120NW	0.2	9	66	196	.3	1.3	900
64	5076510P	120066	071153001436000	116F07	321218	3 5 10BLH331	10YR34	80130NW	0.2	10	104	285	.8	1.2	1760
65	5076510P	960332	071000000880000	116F07	21 18	710015BBM332	10YR44	20 30NE	0.4	12	14	36	.1	1.9	126
66	5076510P	960333	071005000880000	116F07	21 18	710015BBM332	10YR44	20 30NE	1.2	5	470	690	2.4	1.0	1220
67	5076510P	960334	071010000880000	116F07	21 18	710015BBM332	10YR44	20 30NE	0.8	4	530	555	1.5	0.6	760
68	5076510P	960335	071015000880000	116F07	21 18	710015BBM332	10YR44	20 30NE	0.8	5	455	535	1.5	0.8	1050
69	5076510P	960336	071020000880000	116F07	21 18	710015BBM332	10YR44	30NE	1.0	7	355	700	1.9	1.3	730
70	5076510P	960337	071025000880000	116F07	21 18	710015BBM332	10YR44	30NE	1.6	8	630	960	2.3	1.2	550
71	5076510P	960338	071030000880000	116F07	21 18	710015BBM332	10YR44	30NE	0.8	7	575	810	2.0	1.3	620
72	5076510P	960339	071035000880000	116F07	21 18	710015BBM332	10YR44	30NE	1.4	8	735	900	2.0	1.1	620
73	5076510P	960340	071040000880000	116F07	21 18	710015BBM332	10YR44	30NE	1.2	9	615	850	2.2	1.2	530
74	5076510P	960341	071050000880000	116F07	21 18	310015BAH332	10YR34	5 15HF	1.0	23	530	790	1.9	1.4	1280
75	5076510P	960342	071060000880000	116F07	21 18	310020BAH332	10YR34	5 15ME	0.6	13	480	775	1.4	1.8	530
76	5076510P	960343	071070000880000	116F07	21218	310020BAH332	10YR34	15ME	0.8	12	440	700	1.2	1.8	630
77	5076510P	960344	071080000880000	116F07	21218	310020BAH332	10YR34	15HF	0.4	10	270	465	0.7	1.6	710
78	5076510P	960345	071000000780000	116F07	21218	115025BAH332	10YR34	30ME	0.4	14	80	200	0.6	1.9	1300
79	5076510P	960346	071005000780000	116F07	21218	115030BAH331	10YR34	30ME	0.4	8	60	168	0.4	2.2	420
80	5076510P	960347	071010000780000	116F07	21218	110025BAH331	10YR34	30ME	0.2	10	113	320	0.7	2.5	640
81	5076510P	960348	071015000780000	116F07	21218	110025BAH331	10YR34	30ME	0.4	8	115	118	0.2	1.3	640
82	5076510P	960349	071020000780000	116F07	21218	110025BAH331	10YR34	30ME	0.6	17	113	415	1.1	2.0	570
83	5076510P	960350	071025000780000	116F07	21218	110025BAH331	10YR34	30ME	0.2	13	56	190	0.7	0.9	760
84	5076510P	960351	071030000780000	116F07	21218	110025 331	10YR34	30ME	0.6	8	38	142	0.5	1.5	840
85	5076510P	960352	071035000780000	116F07	21218	110025 331	10YR34	30ME	0.4	10	12	32	0.1	0.6	340
86	5076510P	960353	071040000780000	116F07	21218	110025 331	10YR34	30ME	0.4	9	30	88	0.1	1.4	360
87	5076510P	960354	071045000780000	116F07	21218	110025 331	10YR34	30ME	0.4	12	17	64	0.1	0.8	280
88	5076510P	960355	071050000780000	116F07	21218	110025 331	10YR34	30ME	0.4	8	39	96	0.3	1.3	265
89	5076510P	960356	070995000780000	116F07	21 18	310020 331	10YR44	25ME	0.6	8	270	286	0.7	2.2	1120
90	5076510P	960357	070990000780000	116F07	21 18	310020 331	10YR44	20ME	0.8	53	360	460	1.5	4.7	1460
91	5076510P	960358	070985000780000	116F07	21 18	310020 331	10YR44	25ME	0.4	19	225	285	0.1	3.3	870
92	5076510P	960359	070980000780000	116F07	21 18	310020 331	10YR44	30ME	0.4	14	61	105	0.1	2.4	240
93	5076510P	960360	071005001000000	116F07	21 18	3 331	10YR44		0.2	12	540	870	1.7	1.2	840

94	5076510P	960361	071005001000000	116P07	21 18	3	331	10YR44		0.2	7	585	525	1.1	0.8	730
95	5076510P	960362	071005001000000	116P07	21 18	3	331	10YR44		0.2	7	1050	475	0.9	0.7	620
96	5076510P	960363	071079001520000	116P07	21 18	310020BBM332		10YR44	20SE	0.6	9	360	405	0.6	3.5	2100
97	5076510P	960364	071084001520000	116P07	21 18	315030BBM332		10YR34	20SE	0.4	8	130	156	0.4	1.1	650
98	5076510P	960365	071090001520000	116P07	21 18	32035 BDM332		10YR44	15SE	0.2	8	120	174	0.2	2.0	640
99	5076510P	960366	071095001520000	116P07	21 18	32035 BDM332		10YR44	20SE	0.2	5	53	64	0.1	2.9	230
100	5076510P	960367	071100001520000	116P07	21 18	320 30BBM332		10YR44	20120SE	0.2	6	115	156	0.2	1.3	500
101	5076510P	960368	071105001520000	116P07	321 16	210 15BBM332		10YR54	20120SE	0.8	7	155	205	0.3	1.0	830
102	5076510P	960369	071110001520000	116P07	321 16	215 20BBM332		10YR54	20120SE	0.6	16	162	250	0.3	1.8	900
103	5076510P	960370	071115001520000	116P07	321116	220 25BBM332		5YR54	20SE	0.6	7	160	176	0.6	2.7	720
104	5076510P	960371	071120001520000	116P07	21 16	220025BBM332		10YR54	20SE	0.6	8	165	178	0.5	2.0	740
105	5076510P	960372	071125001520000	116P07	21116	215020BBM332		10YR54	20SF	0.4	11	140	170	0.9	2.2	940
106	5076510P	960373	071130001520000	116P07	321 16	210020BBM332		10YR44	25SE	0.4	5	135	198	0.7	2.1	900
107	5076510P	960374	071135001520000	116P07	321 16	210020BBM332		10YR54	20SE	0.4	8	225	235	0.6	2.6	820
108	5076510P	960375	071140001520000	116P07	321 16	210 20BBM332		10YR44	50120SE	0.4	8	730	700	3.2	3.0	2900
109	5076510P	960376	071144001520000	116P07	321 16	210 20BBM332		10YR54	50125SE	0.4	6	170	192	0.6	2.7	730
110	5076510P	960377	071150001520000	116P07	321 16	210 20BBM332		10YR54	70130SE	0.4	11	186	210	1.1	2.5	1050
111	5076510P	960378	071154001520000	116P07	321 16	310015BBM332		10YR54	50125SE	0.4	12	230	270	0.6	2.6	840
112	5076510P	960379	071159001520000	116P07	321 16	310025BBM332		10YR54	25SE	0.4	10	210	200	0.5	2.6	465
113	5076510P	960380	071164001520000	116P07	21 16	310015BBM332		10YR54	25SE	0.4	11	66	112	0.2	2.8	560
114	5076510P	960381	071169001520000	116P07	21 16	310015BBM332		10YR54	25SE	0.4	12	59	128	0.2	2.9	540
115	5076510P	960382	071174001520000	116P07	21116	310020BBM332		10YR54	25SE	0.4	9	112	168	1.1	3.2	320
116	5076510P	960383	071179001520000	116P07	21126	310020BBM332		10YR44	20SE	0.2	8	45	148	.3	2.1	660
117	5076510P	960384	071053001380000	116P07	21 18	3	332	10YR44		1.8	14	4750	745	.6	3.2	7300
118	5076510P	960385	071055001380000	116P07	21 18	3	332	10YR44		0.8	10	2250	425	.4	1.4	3200
119	5076510P	960386	071055001380000	116P07	21 18	3	332	10YR44		1.2	6	990	245	.1	1.1	2100
120	5076510P	970042	071079001360000	116P07	221 18	715020BBM331	BROWN	40120SE		2.0	11	184	410	1.2	1.1	480
121	5076510P	970043	071084001358000	116P07	221 18	715020BBM331	BROWN	30120SE		0.8	11	90	450	2.1	0.6	630
122	5076510P	970044	071088001356000	116P07	221 18	715020BBM331	BROWN	50120SE		1.0	15	192	740	3.3	1.2	990
123	5076510P	970045	071093001354000	116P07	221 18	715020BBM331	BROWN	25120SE		1.0	15	142	300	0.9	2.4	1100
124	5076510P	970046	071097001352000	116P07	221 18	715020BBM331	BROWN	65120SE		1.2	14	142	640	2.0	1.6	1600
125	5076510P	970047	071102001350000	116P07	221 18	715020BBM331	BROWN	20120SE		1.2	12	114	310	0.7	0.9	1500
126	5076510P	970048	071106001348000	116P07	221 18	715020BBM331	BROWN	25126SE		1.2	12	260	820	3.6	1.4	1100
127	5076510P	970049	071111001346000	116P07	221 18	715020BBM331	BROWN	30120SE		1.4	12	200	450	0.9	1.3	550
128	5076510P	970050	071115001344000	116P07	221 18	715020BBM331	BROWN	20SE		1.8	16	174	300	.6	2.9	940
129	5076510P	970051	071120001341000	116P07	221 18	715020BBM331	BROWN	20SE		2.2	16	250	290	.7	1.5	630
130	5076510P	970052	071124001339000	116P07	221 18	715020BBM331	BROWN	15SE		2.8	15	315	142	.3	4.8	1150
131	5076510P	970053	071129001337000	116P07	221 18	715020BBM331	BROWN	15SE		1.6	15	210	205	.7	1.9	810
132	5076510P	970054	071133001335000	116P07	221 18	715020BBM331	BROWN	20SE		5.2	25	610	490	.5	5.9	1300
133	5076510P	970055	071138001333000	116P07	221 18	715020BBM331	BRN	20120SE		2.6	10	210	320	.4	1.2	300
134	5076510P	970056	071142001331000	116P07	221 18	715020BBM331	BRN	40115SE		5.0	19	880	245	.2	2.4	150
135	5076510P	970057	071147001329000	116P07	221 18	715020BBM331	BRN	40115SE		2.0	14	210	192	.1	1.6	410
136	5076510P	970058	071151001326000	116P07	221 18	715020BBM331	BRN	35115SE		1.0	14	164	154	.1	2.3	985
137	5076510P	970059	071156001324000	116P07	221 18	715020BBM331	BRN	50115SE		1.0	14	72	360	.9	1.2	630
138	5076510P	970060	071160001322000	116P07	221 18	715020BBM331	BRN	40120SE		2.8	11	172	500	.1	2.7	250
139	5076510P	970061	071165001320000	116P07	221 18	715020BBM331	BRN	10120SE		1.6	10	280	300	0.3	1.4	320
140	5076510P	990013	071030001384000	116P07	321 18	15020BBM332	BLACK	201		0.2	6	320	84	0.2	2.0	400
141	5076510P	990014	071032001382000	116P07	21 18	15020BBM332				0.8	12	700	146	0.9	1.9	600
142	5076510P	990015	071034001382000	116P07	221 18	15020BBM332	BLACK			0.8	11	1510	435	1.9	2.4	2800
143	5076510P	990023	071048001375000	116P07	221 16	15020BBM332	LGTRN	051		2.2	12	1400	840	3.6	3.6	700
144	5076510P	990024	071054001372000	116P07	321 18	215020BBM332	BRN	20125SE		0.8	9	310	450	3.8	3.8	1600
145	5076510P	990025	071059001370000	116P07	221 1 6	15020BBM332	LGTRN	101		1.6	8	230	1040	1.5	1.5	4300
146	5076510P	990026	071065001367000	116P07	221 181	215020BBM332	DK BRN	051		1.0	3	152	99	0.6	0.6	200
147	5076510P	990030	071093001392000	116P07	221 15	115020BBM332	BLACK	05NW		0.2	6	45	136	.3	.3	500
148	5076510P	990032	071073001388000	116P07	221 18	115020BBM332	BLACK	05NW		0.4	8	74	126	.3	.3	500
149	5076510P	990033	071067001391000	116P07	221 15	115020BBM332	BLACK			1.4	17	182	475	1.0	1.0	700
150	5076510P	990034	071062001394000	116P07	221 1	115020BBM332	BLACK			0.6	9	560	225	0.8	0.8	1300
151	5076510P	990035	071060001395000	116P07	221 15	115020BBM332	BLACK			1.2	14	1250	360	1.9	1.9	1900
152	5076510P	990036	071059001396000	116P07	221 1	115020BBM332	BLACK	00		1.8	14	1500	940	3.6	3.6	4100
153	5076510P	990037	071057001396000	116P07	221 11	115020BBM332	BLACK			2.8	17	3100	640	2.1	2.1	3300

154	5076510P	990038	071055001397000	116F07	221	1	315020BBM332	DKGREY	10NW	3.0	15	1900	435	0.9	4.3	2300
155	5076510P	990039	071054001398000	116F07	221	18	415020BBM332	DKGREY	10NW	6.6	17	6000	650	3.6	3.6	2100
156	5076510P	990040	071052001399000	116F07	221	18	115020BBM332	DK BRN	05NW	6.8	18	5700	575	0.8	6.4	3500
157	5076510P	990118	071124001028000	116F07	321	8	115020BAH332	BLK	30 E	0	17	184	670	2.2	0.9	895
158	5076510P	990119	071129001030000	116F07	321	8	115020BAH332	BLK	30 E	0	14	16	172	0.4	0.6	560
159	5076510P	990120	071134001032000	116F07	321	8	115020BAH332	BLK	30 E	0	12	8	50	0.3	0.5	180
160	5076510P	990121	071138001033000	116F07	321	8	115020BAH332	BLK	30 E	0	13	34	100	0.4	1.1	580
161	5076510P	990122	071143001035000	116F07	321	8	115020BAH332	BLK	30 E	0	11	12	46	0.1	0.6	200
162	5176510P	110050	071150001750000	116F07			020	BRN	35NW	0*4	9	405	280	0.4	.85	850
163	5176510P	110051	071155001750000	116F07			020	BRN	35NW	0*4	9	260	220	0.7	.60	800
164	5176510P	110052	071160001750000	116F07			020	BRN	35NW	0*4	13	335	280	0.9	1.25	750
165	6076510P	960055	071000000994000	116F07	21	181	720030BBM331	10YR44	05EE	0.2	13	17	48	.2	1.1	100
166	6076510P	960056	071002000994000	116F07	21	181	710020BBM331	10YR44	05EE	0.2	15	15	38	.1	1.9	100
167	6076510P	960057	071005000994000	116F07	21	18	720030BBM331	10YR34	20EE	0.4	20	68	112	.2	2.8	600
168	6076510P	960058	071007000994000	116F07	21	18	720030BBM331	10YR44	30EE	1.4	18	850	770	2.6	2.1	700
169	6076510P	960059	071010000994000	116F07	21	18	720030BBM331	10YR34	30EE	1.8	22	1000	560	1.7	0.8	500
170	6076510P	960060	071012000995000	116F07	21	18	720030BBM331	10YR34	30EE	0.4	22	295	295	0.5	1.4	600
171	6076510P	960061	071014000995000	116F07	21	18	720030BBM331	10YR34	30EE	1.6	35	635	610	1.5	1.7	500
172	6076510P	960062	071016000995000	116F07	21	18	720030BBM331	10YR34	30EE	1.0	23	400	950	1.2	1.7	600
173	6076510P	960063	071018000996000	116F07	21	18	720030BBM331	10YR34	30EE	0.6	20	300	450	1.2	1.8	600
174	6076510P	960064	071019000996000	116F07	21	18	720030BBM331	10YR34	30EE	0.6	17	250	355	0.8	1.5	600
175	6076510P	960065	071025000996000	116F07	21	18	720030BBM331	10YR34	30EE	1.6	30	670	720	2.6	2.4	500
176	6076510P	960066	071033000997000	116F07	21	18	720030BBM331	10YR34	30EE	1.0	20	335	600	2.2	2.4	1000
177	6076510P	960067	071039000998000	116F07	21	18	720030BBM331	10YR34	30EE	0.6	12	300	410	1.0	0.7	700
178	6076510P	960068	071040000998000	116F07	21	18	720030BBM331	10YR44	25EE	0.6	22	160	440	1.3	0.9	500
179	6076510P	960069	071050000999000	116F07	21	18	720030BBM331	30EE	0.6	17	260	815	2.9	1.2	1100	
180	6076510P	960070	071049001016000	116F07	21	18	720030BBM331	10YR34	30WW	1.0	16	320	610	2.1	1.5	700
181	6076510P	960071	071044001015000	116F07	21	18	720030BBM331	10YR44	30WW	0.4	9	120	245	1.0	0.5	900
182	6076510P	960072	071038001014000	116F07	21	18	720030BBM331	10YR44	30WW	0.6	14	140	250	0.5	2.4	600
183	6076510P	960073	071032001013000	116F07	21	18	720030BBM331	10YR34	25WW	0.6	12	390	340	0.8	1.5	1100
184	6076510P	960074	071026001012000	116F07	21	18	720030BBM331	10YR44	20WW	0.4	12	200	315	1.0	0.7	800
185	6076510P	960075	071020001012000	116F07	21	18	720030BBM331	10YR34	20WW	2.2	27	950	1030	3.6	1.8	500
186	6076510P	960076	071018001012000	116F07	21	18	720030BBM331	10YR34	20WW	1.2	27	950	605	2.1	1.4	700
187	6076510P	960077	071015001011000	116F07	21	18	720030BBM331	10YR34	20WW	0.4	11	450	350	0.9	1.0	900
188	6076510P	960078	071013001011000	116F07	21	18	720030BBM331	10YR34	30WW	0.6	11	175	445	1.5	0.8	800
189	6076510P	960079	071011001010000	116F07	21	18	720030BBM331	10YR34	20WW	0.4	13	350	290	1.0	1.2	900
190	6076510P	960080	071009001010000	116F07	21	18	720030BBM331	10YR44	20WW	0.4	11	260	230	1.2	1.9	900
191	6076510P	960081	071007001010000	116F07	21	18	720030BBM331	10YR44	20WW	0.2	9	200	285	0.8	0.6	700
192	6076510P	960082	071003001010000	116F07	21	18	720030BBM331	10YR44	20WW	0.6	12	130	365	1.0	0.8	800
193	6076510P	960083	071001001009000	116F07	21	18	720030BBM331	10YR44	15WW	0.6	13	335	365	1.1	1.1	600
194	6076510P	960084	070998001009000	116F07	21	18	720030BBM331	10YR44	15WW	0.2	11	10	25	0.1	0.9	100
195	6076510P	960085	070996001009000	116F07	21	18	720030BBM331	10YR44	15WW	0.2	12	8	34	0.1	2.4	300
196	6076510P	960086	070988000880000	116F07	21	18	715030BBM315	10YR54	30MM	0.2	19	7	14	0.1	0.9	100
197	6076510P	960087	070990000880000	116F07	21	18	715030BBM315	10YR44	30MM	0.4	56	20	17	0.1	2.2	100
198	6076510P	960088	070992000881000	116F07	21	18	715030BBM315	10YR44	30MM	0.2	34	20	19	0.1	2.0	200
199	6076510P	960089	070994000881000	116F07	21	18	715030BBM315	10YR44	30MM	0.2	17	10	32	0.1	1.9	200
200	6076510P	960090	070996000882000	116F07	21	18	715030BBM315	10YR44	25MM	0.2	15	10	16	0.1	1.0	100
201	6076510P	960091	070998000882000	116F07	21	18	715030BBM315	10YR44	40MM	0.2	23	120	415	0.3	1.4	100
202	6076510P	960092	071000000882000	116F07	21	18	715030BBM315	10YR44	40MM	0.2	22	10	30	0.2	1.5	200
203	6076510P	960093	071002000882000	116F07	21	18	715030BBM315	10YR44	40MM	0.4	8	740	815	2.2	0.4	1000
204	6076510P	960094	071004000883000	116F07	21	18	715030BBM315	10YR44	40MM	0.6	9	820	925	1.7	0.6	900
205	6076510P	960095	071006000983000	116F07	21	18	715030BBM315	10YR44	40MM	0.6	11	450	950	2.4	0.6	700
206	6076510P	960096	071008000983000	116F07	21	18	715030BBM315	10YR44	40MM	0.4	9	380	850	1.8	0.6	700
207	6076510P	960097	071012000884000	116F07	21	18	715030BBM315	10YR44	40MM	0.6	10	415	980	2.4	0.8	500
208	6076510P	960098	071018000885000	116F07	21	18	715030BBM315	10YR44	40MM	0.4	12	410	945	2.0	1.0	500
209	6076510P	960106	071070001545000	116F07	21	18	705030BBM331	10YR44	20SS	0.4	9	105	154	0.4	1.2	800
210	6076510P	960107	071072001545000	116F07	21	18	705030BBM331	10YR44	20SS	0.4	7	95	240	0.4	1.5	1900
211	6076510P	960108	071074001547000	116F07	21	18	710030BBM331	10YR44	20SS	0.2	10	50	128	0.5	1.1	3400
212	6076510P	960109	071075001548000	116F07	21	18	710030BBM331	10YR44	30SS	0.4	8	70	156	0.5	2.9	1000
213	6076510P	960110	071078001548000	116F07	21	18	715030BBM331	10YR44	20SS	0.4	7	35	56	0.1	3.1	200

214	6076510P	960111	071079001549000	116F07	21	18	715030BBM331	10YR44	20SS	0.4	8	70	136	0.1	2.3	500	
215	6076510P	960112	071081001549000	116F07	21	18	715030BBM331	10YR44	20SS	0.4	7	130	134	0.4	2.3	500	
216	6076510P	960113	071083001550000	116F07	21	18	715030BBM331	10YR44	20SS	0.4	8	295	230	0.8	2.8	400	
217	6076510P	960114	071085001551000	116F07	21	18	715030BBM331	10YR44	20SS	0.4	6	35	48	0.1	2.7	100	
218	6076510P	960115	071087001552000	116F07	21	18	715030BBM331	10YR44	20SS	0.4	11	265	215	0.3	2.1	1090	
219	6076510P	960116	071090001553000	116F07	21	18	715030BBM331	10YR44	20SS	0.2	4	25	48	0.1	0.6	200	
220	6076510P	960117	071096001555000	116F07	21	18	715030BBM331	10YR44	20SS	0.2	6	30	62	0.1	2.9	200	
221	6076510P	960118	071101001557000	116F07	21	18	715030BBM331	10YR44	20SS	0.6	11	145	310	1.1	2.5	1500	
222	6076510P	960119	071105001558000	116F07	21	18	715030BBM331	10YR44	20SS	0.4	7	55	112	0.2	1.9	500	
223	6076510P	960120	071112001560000	116F07	21	18	715030BBM331	10YR44	20SS	0.4	9	40	92	0.1	2.3	300	
224	6076510P	970062	071010001330000	116F07	221	18	715020BBM331	BRN	25120SE	7.0	12	6800	1460	3.5	2.3	3050	
225	6076510P	970063	071010001330000	116F07	221	18	715020BBM331	BRN	40120SE	5.8	8	4300	1540	3.1	1.4	2550	
226	6076510P	970064	071010001330000	116F07	221	18	715020BBM331	BRN	40115SE	7.4	12	6600	1500	2.7	1.0	2700	
227	6076510P	970095	071020001290000	116F07	221	18	115020BBM331	BROWN	15SE	0.4	15	21	40	.1	3.5	170	
228	6076510P	970136	071000001320000	116F07	221	8	215020BBM331	REDBRN	10115S	0.4	6	95	60	.1	2.3	220	
229	6076510P	970137	071005001320000	116F07	221	8	215020BBM331	RD BRN	15S	2.0	16	4250	3700	9.5	11.8	11400	
230	6076510P	970138	071010001320000	116F07	221	8	715020BBM331	BRN	10115S	4.8	7	4900	770	1.7	1.4	2260	
231	6076510P	970139	071015001320000	116F07	221	8	715020BBM331	BRN	20115S	0.2	6	560	540	1.1	0.7	960	
232	6076510P	970140	071020001320000	116F07	221	8	215020BBM331	BRN	15S	0.2	13	540	470	1.0	5.5	2290	
233	6076510P	970141	071025001320000	116F07	221	8	715020BBM331	BRN	30115S	0.4	12	450	2250	6.2	3.7	5000	
234	6076510P	970142	071030001320000	116F07	221	8	115020BBM331	BLK	15S	3.2	8	2800	710	1.0	1.6	1260	
235	6076510P	970143	071035001320000	116F07	221	8	115020BBM331	BLK	15S	1.0	13	230	475	1.2	1.5	1200	
236	6076510P	970144	071040001320000	116F07	221	8	115020BBM331	BLK	15S	0	10	92	280	0.1	0.8	290	
237	6076510P	970145	071045001320000	116F07	221	8	115020BBM331	BLK	15S	0.6	11	128	305	1.8	0.8	450	
238	6076510P	970146	071050001320000	116F07	221	8	115020BBM331	BLK	15S	0.2	10	42	210	0.6	0.6	270	
239	6076510P	970147	071055001320000	116F07	221	8	115020BBM331	BRN	15S	1.2	11	265	360	.3	1.6	475	
240	6076510P	970148	071050001320000	116F07	221	8	115020BBM331	BLK	15S	1.0	11	172	215	.6	1.3	470	
241	6076510P	970149	071065001320000	116F07	221	8	115020BBM331	BRN	15S	0.4	12	143	220	.6	2.0	880	
242	6076510P	970150	071070001320000	116F07	221	8	115020BBM331	BRN	15S	1.2	13	172	320	.7	1.4	460	
243	6076510P	970151	071075001320000	116F07	221	8	115020BBM331	BRN	15S	0.8	10	122	310	1.1	0.9	500	
244	6076510P	970152	071080001320000	116F07	221	8	115020BBM331	BRN	15S	1.0	11	99	190	0.4	1.9	270	
245	6076510P	970153	071085001320000	116F07	221	8	115020BBM331	BLK	15S	0.2	10	58	172	.9	0.8	320	
246	6076510P	970154	071090001320000	116F07	221	8	115020BBM331	BLK	15S	0	10	90	200	.4	0.8	280	
247	6076510P	970155	071095001320000	116F07	221	8	115020BBM331	BLK	15S	0.4	7	65	215	.8	0.7	280	
248	6076510P	970156	071100001320000	116F07	221	8	115020BBM331	MD BRN	15S	1.2	10	166	182	.2	2.1	365	
249	6076510P	970157	071000001150000	116F07	221	8	715020BBM331	MD BRN	30115N	0.4	8	425	455	1.6	1.7	630	
250	6076510P	970158	070995001150000	116F07	221	8	415020BBM331	MD BRN	15N	0.4	25	94	100	0.3	0.8	920	
251	6076510P	970159	070990001150000	116F07	221	8	115020BBM331	BLK	15N	0.4	21	51	54	.3	0.4	380	
252	6076510P	970160	070985001150000	116F07	221	8	315020BBM331	LT BRN	30115N	0.4	22	32	56	.1	2.1	290	
253	6076510P	970161	070980001150000	116F07	221	8	115020BBM331	BLK	15N	0.4	30	36	52	0.1	0.8	800	
254	6076510P	970162	070975001150000	116F07	221	8	115020BBM331	MD BRN	15N	0.4	52	79	76	0.1	1.8	190	
255	6076510P	970163	070970001150000	116F07	221	8	115020BBM331	MD BRN	15N	0.4	12	18	26	0.1	1.0	46	
256	6076510P	970164	071005001150000	116F07	221	8	115020BBM331	BLK	15N	0.4	11	280	380	1.8	0.7	1240	
257	6076510P	970165	071010001150000	116F07	221	8	315020BBM331	MD BRN	40115N	0.4	8	425	340	1.3	2.8	760	
258	6076510P	970166	071015001150000	116F07	221	8	115020	331	BLK	15N	1.0	11	685	365	1.3	1.4	980
259	6076510P	970167	071020001150000	116F07	221	8	115020	331	GRY	15N	0.4	12	395	335	1.1	1.0	820
260	6076510P	970168	071025001150000	116F07	221	8	715020	331	MD BRN	40115N	0.8	12	645	490	1.2	1.6	960
261	6076510P	970169	071030001150000	116F07	221	8	215020	331	DK BRN	40115N	0.6	12	470	460	1.2	0.9	840
262	6076510P	970170	071035001150000	116F07	221	8	115020	331	BLK	15N	0.6	14	520	500	1.7	0.9	1060
263	6076510P	970171	071040001150000	116F07	221	8	215020BBM331	MD BRN	15N	0.4	14	1010	1000	1.7	1.5	1000	
264	6076510P	970172	071045001150000	116F07	221	8	315020BBM331	LT BRN	15N	0.8	12	1010	780	1.4	1.8	780	
265	6076510P	970173	071050001150000	116F07	221	8	315020BBM331	LT BRN	15N	0.4	15	510	580	2.2	1.4	2150	
266	6076510P	970174	071055001150000	116F07	221	8	115020BBM331	MD BRN	50115N	0.2	13	420	560	1.5	1.1	1420	
267	6076510P	970175	071060001150000	116F07	221	8	115020BBM331	MD BRN	15N	0.2	13	205	385	1.2	0.7	800	
268	6076510P	970176	071065001150000	116F07	221	8	315020	331	DK BRN	50115N	0.2	16	365	565	1.4	2.0	820
269	6076510P	970177	071070001150000	116F07	221	8	115020	331	DK BRN	15N	0.4	15	930	680	2.0	1.7	2000
270	6076510P	990016	071036001381000	116F07	321	1518	715020BBM332	BRN	10125SE	3.4	15	2200	2100	8.2	1.5	3100	
271	6076510P	990017	071037001380000	116F07	221	18	15020BBM332	DK BRN	301	8.8	6	2150	980	2.4	1.0	2800	
272	6076510P	990018	071039001380000	116F07	321	18	215020BBM332	LT BRN	30125SE	10.6	9	8200	840	1.0	1.2	3400	
273	6076510P	990019	071040001379000	116F07	221	11	15020BBM332	DK BRN	151	8.2	12	7500	1220	2.0	1.2	4500	

274	6076510P	990020	071042001378000	116F07	321	18	215020BBM332	LT BRN	20125SE	4.8	18	4100	950	1.2	1.3	2000
275	6076510P	990021	071044001377000	116F07	221	11	15020BBM332	DK BRN	201	4.6	7	5500	780	1.1	1.1	3700
276	6076510P	990022	071046001376000	116F07	221	18	215020BBM332	LT BRN	151	2.6	12	2150	1300	1.1	1.1	4600
277	6076510P	990027	071070001364000	116F07	221	11	15020BBM332	DK BRN	101	1.4	7	205	240	.9	.9	400
278	6076510P	990028	071076001362000	116F07	321	18	115020BBM332	BRN	05125SE	1.6	8	172	138	.9	.9	400
279	6076510P	990029	071038001380000	116F07	221	15	15020BBM332	BLACK		0.2	12	36	206	.4	.4	400
280	6076510P	990031	071078001385000	116F07	221	15	15020BBM332	BLACK		0.4	5	45	124	.3	.3	500
281	6076510P	990041	071050001400000	116F07	221	1	115020BBM332	BRN	10NW	7.8	22	8700	1220	3.8	4.8	4700
282	6076510P	990042	071048001401000	116F07	221	18	315020BBM332	BROWN	05110NW	6.0	16	6250	1050	2.5	3.5	4700
283	6076510P	990043	071047001402000	116F07	221	15	115020BBM332	BLACK		4.2	19	5750	960	2.0	3.4	4100
284	6076510P	990044	071044001403000	116F07	221	11	215020BBM332	BROWN	251	1.8	13	2150	430	1.0	2.2	2000
286	6076510P	990102	071050000999000	116F07	321	8	315020BBM332	BRN	20130SE		20	172	600	1.8	1.0	730
287	6076510P	990103	071055001001000	116F07	321	8	315020BBM332	BRN	20130SE	0.8	29	1620	1700	3.8	2.7	730
288	6076510P	990104	071059001002000	116F07	321	8	315020BBM332	BRN	20130SE	0.8	17	800	720	1.9	1.0	900
289	6076510P	990105	071064001004000	116F07	321	8	315020BBM332	BRN	20130SE	0.6	19	940	575	1.8	1.0	1150
290	6076510P	990106	071068001006000	116F07	321	8	315020BBM332	BRN	20130SE	0.6	17	1500	510	1.9	1.0	1350
291	6076510P	990107	071073001008000	116F07	321	8	315020BBM332	BRN	20130SE	0.4	24	2450	1560	4.3	2.2	1550
292	6076510P	990108	071078001010000	116F07	321	8	315020BBM332	BRN	20130SE	0.2	20	360	485	1.3	3.3	425
293	6076510P	990109	071082001012000	116F07	321	8	315020BBM332	BRN	20130SE	0.6	26	380	1700	4.3	1.6	1080
294	6076510P	990110	071087001014000	116F07	321	8	315020BBM332	BRN	20130SE	0.4	17	220	1160	3.1	1.4	670
295	6076510P	990111	071092001015000	116F07	321	8	315020BBM332	BRN	20130SE	0.8	24	210	1140	3.6	1.8	1000
296	6076510P	990112	071096001017000	116F07	321	8	315020BBM332	BRN	20130SE	0.2	18	136	540	1.9	1.0	900
297	6076510P	990113	071101001019000	116F07	321	8	315020BBM332	BRN	20130SE	0.2	18	114	540	2.3	1.1	750
298	6076510P	990114	071106001021000	116F07	321	8	315620BBM332	BRN	20130SE	0.2	17	120	435	1.8	1.2	1400
299	6076510P	990117	071120001026000	116F07	321	8	315020BBM332	BRN	20130SE	0.2	18	132	460	1.2	1.0	560

274	6076510P	990020	071042001378000	116F07	321	18	215020BBM332	LT BRN	20125SE	4.8	18	4100	950	1.2	1.3	2000
275	6076510P	990021	071044001377000	116F07	221	11	15020BBM332	DK BRN	201	4.6	7	5500	780	1.1	1.1	3700
276	6076510P	990022	071046001376000	116F07	221	18	215020BBM332	LT BRN	151	2.6	12	2150	1300	1.1	1.1	4500
277	6076510P	990027	071070001364000	116F07	221	11	15020BBM332	DK BRN	101	1.4	7	205	240	.9	.9	400
278	6076510P	990028	071076001362000	116F07	321	18	115020BBM332	BRN	05125SE	1.6	8	172	138	.9	.9	400
279	6076510P	990029	071038001380000	116F07	221	15	15020BBM332	BLACK		0.2	12	36	206	.4	.4	400
280	6076510P	990031	071078001385000	116F07	221	15	15020BBM332	BLACK		0.4	5	45	124	.3	.3	500
281	6076510P	990041	071050001400000	116F07	221	1	115020BBM332	BRN	10NW	7.8	22	8700	1220	3.8	4.8	4700
282	6076510P	990042	071048001401000	116F07	221	18	315020BBM332	BROWN	05110NW	6.0	16	6250	1050	2.5	3.5	4700
283	6076510P	990043	071047001402000	116F07	221	15	115020BBM332	BLACK		4.2	19	5750	960	2.0	3.4	4100
284	6076510P	990044	071044001403000	116F07	221	11	215020BBM332	DROWN	251	1.8	13	2150	430	1.0	2.2	2000
286	6076510P	990102	071050000999000	116F07	321	8	315020BBM332	BRN	20130SE		20	172	600	1.8	1.0	730
287	6076510P	990103	071055001001000	116F07	321	8	315020BBM332	BRN	20130SE	0.8	29	1620	1700	3.8	2.7	730
288	6076510P	990104	071059001002000	116F07	321	8	315020BBM332	BRN	20130SE	0.8	17	800	720	1.9	1.0	900
289	6076510P	990105	071064001004000	116F07	321	8	315020BBM332	BRN	20130SE	0.6	19	940	575	1.8	1.0	1150
290	6076510P	990106	071068001006000	116F07	321	8	315020BBM332	BRN	20130SE	0.6	17	1500	510	1.9	1.0	1350
291	6076510P	990107	071073001008000	116F07	321	8	315020BBM332	BRN	20130SE	0.4	24	2450	1560	4.3	2.2	1550
292	6076510P	990108	071078001010000	116F07	321	8	315020BBM332	BRN	20130SE	0.2	20	360	485	1.3	3.3	425
293	6076510P	990109	071082001012000	116F07	321	8	315020BBM332	BRN	20130SE	0.6	26	380	1700	4.3	1.6	1080
294	6076510P	990110	071087001014000	116F07	321	8	315020BBM332	BRN	20130SE	0.4	17	220	1160	3.1	1.4	670
295	6076510P	990111	071092001015000	116F07	321	8	315020BBM332	BRN	20130SE	0.6	24	210	1140	3.6	1.8	1000
296	6076510P	990112	071096001017000	116F07	321	8	315020BBM332	BRN	20130SE	0.2	18	136	540	1.9	1.0	900
297	6076510P	990113	071101001019000	116F07	321	8	315020BBM332	BRN	20130SE	0.2	18	114	540	2.3	1.1	750
298	6076510P	990114	071106001021000	116F07	321	8	315620BBM332	BRN	20130SE	0.2	17	120	435	1.8	1.2	1400
299	6076510P	990117	071120001026000	116F07	321	8	315020BBM332	BRN	20130SE	0.2	18	132	460	1.2	1.0	560

	Sample #	Easting U.T.M.	Northing	Map sheet #	Soil type	Soil color	Ag	Cu	Pb	Zn	Cd	% Fe Mn	
391	1076510	990123 075054107245670	116F07	005015565413	315	BRN 1 02N	0.4	23	23	38	.1	2.0	285
392	1076510	990124 075053507245820	116F07	0020155 413	315	BRN 1 02N	0.6	20	18	32	.1	1.8	205
393	1076510	990125 075053007245950	116F07	0100155 413	315	BRN 1 02N	0.2	25	21	46	.1	1.6	215
394	1076510	990126 075052907246060	116F07	0050155 414	315	GR BRN 1 02N	0.2	28	19	56	.1	1.9	330
395	1076510	990127 075053007246190	116F07	002030570413	315	BRN 02E	0.4	45	27	112	.1	5.9	860
396	1076510	990128 075054207246220	116F07	0030305 413	331	BRN 2 02E	0.4	46	50	128	.1	5.6	890
397	1076510	990129 075056107246210	116F07	0030305 413	331	BRN 2 02E	0.6	45	50	124	.1	5.9	810
398	1076510	990130 075058907246200	116FC7	0020305 412	331	BRN 02E	0.6	15	390	445	1.2	1.1	360
399	1076510	990131 075060207246220	116F07	001 413	331	BRN 2 02E	0.6	45	64	136	0.1	5.5	840
400	1076510	990132 075062807246300	116F07	001030 70413	331	BRN 2 02E	0.6	39	78	174	.1	3.4	530
401	1076510	990133 075063007246400	116F07	0020305 413	331	BRN 2 02E	0.4	39	173	335	.4	4.4	960

CERTIFICATE OF ANALYSIS

B.P. MINERALS LTD.

405-1199 West Pender St.

Vancouver, B.C.

(+ 40 Mesh fraction,
pulverized to 100 Mesh.)

CERTIFICATE NO. 6140

INVOICE NO. 6134

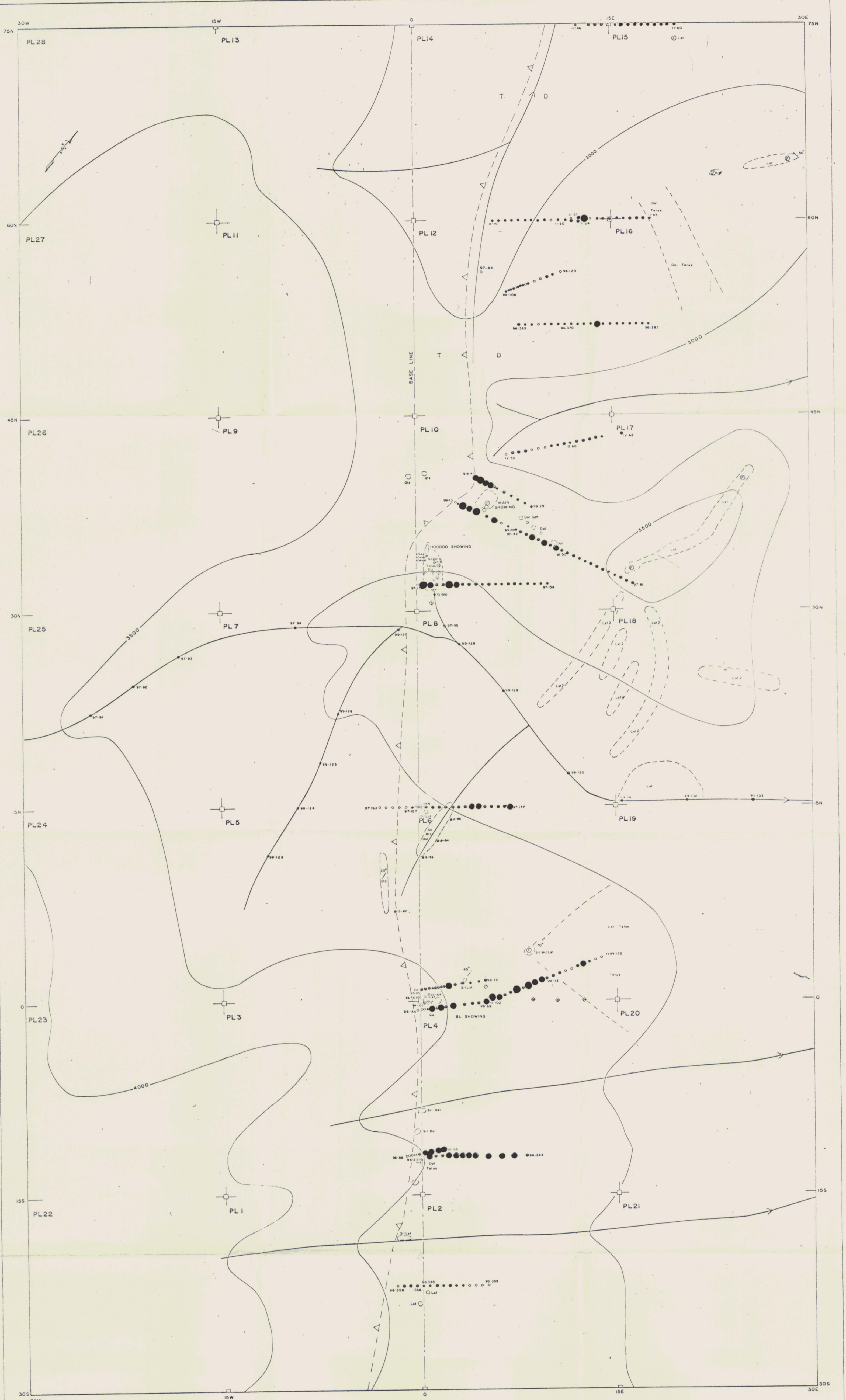
DATE ANALYSED Aug. 26, 1976.

PROJECT Att'n Mr. R.E.W. Lett

No.	Sample	pH	Mo	Cu	Mn	Fe	Hg	Zn	Pb	Cd	No.
01	12 - 100			8	660	1.5	0.6	200	560	0.6	01
02	101			4	700	0.5	1.0	120	800	1.6	02
03	102			18	2900	2.4	1.0	1200	880	3.2	03
04	103			8	1220	0.7	0.8	196	210	1.8	04
05	104			2	640	0.5	1.2	112	1700	0.4	05
06	105			8	1040	0.8	1.6	166	1260	1.8	06
07	106			6	720	0.6	0.6	150	246	1.8	07
08	107			8	460	0.7	0.6	108	236	0.6	08
09	108			8	420	0.6	0.4	104	110	0.2	09
10	109			8	900	0.9	0.6	126	156	0.6	10
11	110			4	600	0.9	0.6	310	116	1.0	11
12	111			4	1180	1.1	0.8	280	70	0.6	12
13	112			6	540	0.6	0.8	252	178	0.6	13
14	113			4	500	0.6	0.6	250	180	0.8	14
15	114			4	540	0.5	0.6	236	210	0.8	15
16	115			6	620	0.6	0.8	280	200	2.0	16
17	116			8	500	0.6	0.8	130	236	0.8	17
18	117			6	1400	0.9	1.0	480	1460	2.0	18
19	118			8	1060	0.7	1.2	260	1340	1.0	19
20	119			8	1420	0.9	1.6	740	1380	2.0	20
21	120			6	860	0.7	2.2	520	2800	1.0	21
22	121			6	900	0.7	0.6	390	290	1.0	22
23	122			4	740	0.6	0.6	370	256	1.4	23
24	123			6	1380	1.0	6.0	520	9400	0.8	24
25	125			18	240	2.2	0.2	58	500	0.2	25
26	126			50	160	3.5	0.8	152	96	0.8	26
27	132			12	800	0.9	0.2	42	36	0.8	27
28	133			16	1980	1.0	0.2	50	40	0.4	28
29	134			12	340	0.7	0.2	44	56	0.2	29
30	140			14	440	2.9	0.6	230	158	0.2	30
31	141			4	300	1.1	0.2	104	106	0.4	31
32	142			4	580	1.2	0.2	178	116	1.0	32
33	143			2	260	0.7	0.8	60	56	1.6	33
34	144			22	520	3.1	0.4	62	36	0.6	34
35	145			4	240	0.6	0.2	72	56	1.0	35
36	146			6	240	1.0	0.2	74	64	0.8	36
37	147			10	260	0.7	0.4	62	56	0.4	37
38	149			22	380	3.5	1.4	370	300	0.2	38
39	150			22	320	2.1	0.2	400	270	0.6	39
40	12-151			20	260	1.5	0.4	570	210	4.0	40

Certified by

P. Kossbacher



GEOCHEMICAL LEGEND

PPM ZINC	
>109	○
109 - 263	◦
264 - 633	●
634 - 1260	●
<1260	●

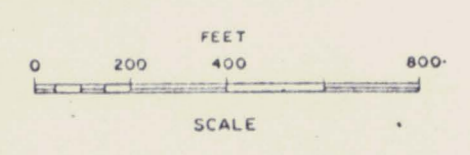
LEGEND

T	PRECAMBRIAN Tindir Quartzite
D	DEVONIAN Limestone and Dolomite
△	THRUST CONTACT
⊙	FOSSIL LOCALITY
○	AREA OF OUTCROP
Lst	Limestone
Dol	Dolomite
Sil	Partial Silicification
Brc	Brecciation
Gal	Galena
Sph	Sphalerite
○	Soil Sample Location
□	Stream Sediment
□	Claim Post
◇	Pit Location
●	Assay and Rock Sample

BP Minerals Limited

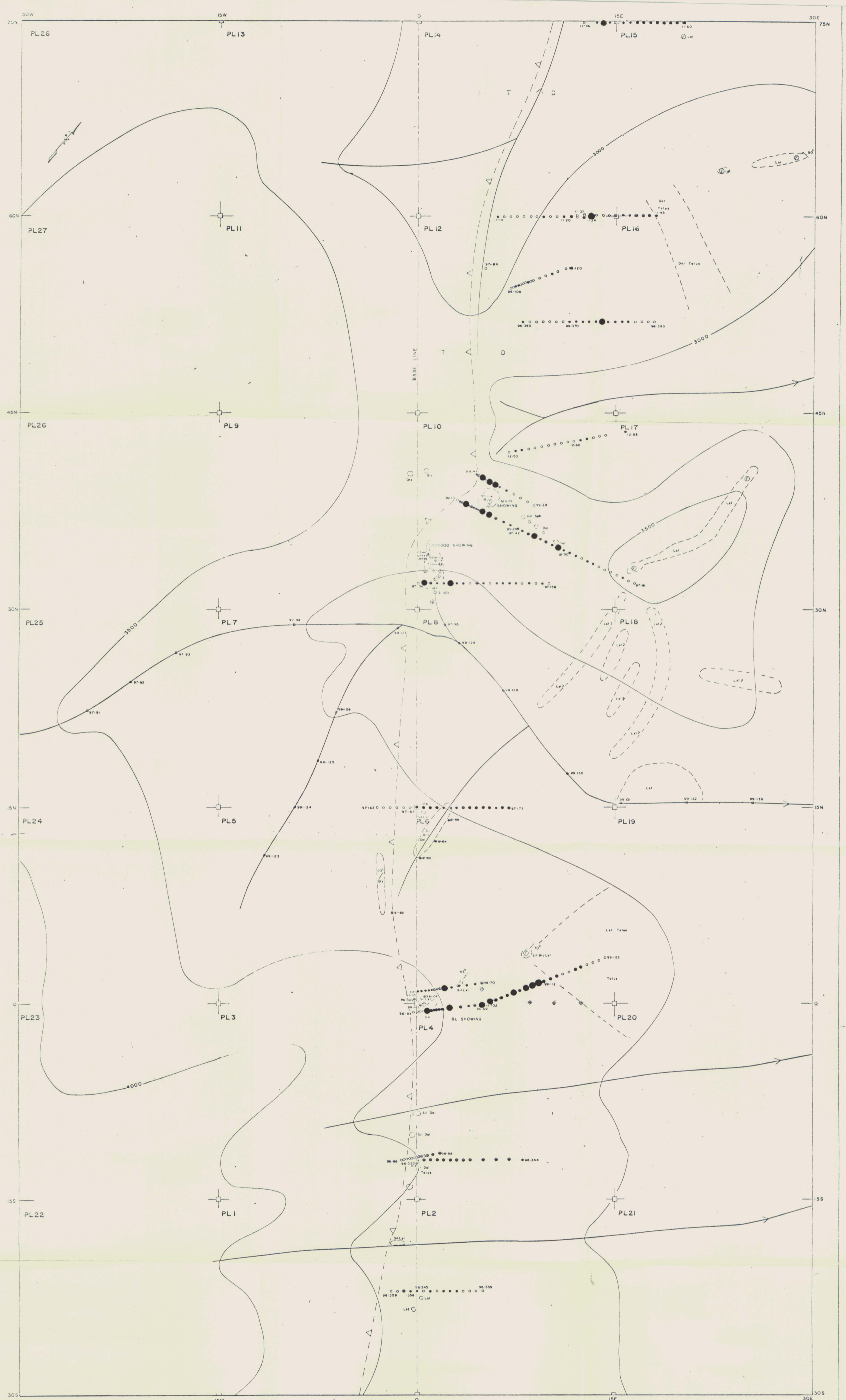
PL PROPERTY
GEOLOGY AND GEOCHEMISTRY
ZINC IN SOIL AND STREAM SEDIMENT

SCALE	NTS 1:16,677	FIG 1
DRAWN R.E.L.	DATE OCT 1976	PROJ. 510
To accompany report		



GRID NORTH 320° AZIMUTH

Alfred



GEOCHEMICAL LEGEND

PPM CADMIUM
 0.5-1.2 •
 1.3-2.4 ●
 >2.4 ●

LEGEND

- T PRECAMBRIAN
Tindir Quartzite
- D DEVONIAN
Limestone and Dolomite
- THRUST CONTACT
- FOSSIL LOCALITY
- AREA OF OUTCROP
- Lst Limestone
- Dol Dolomite
- Sil Partial Silicification
- Brc Brecciation
- Ga Golenite
- Sph Sphalerite
- Ssl Soil Sample Location
- Stream Sediment
- Claim Post
- Pit Location
- Assay and Rock Sample

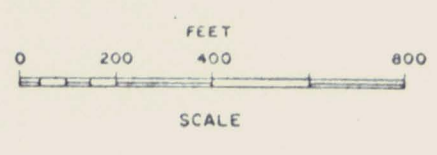
BP Minerals Limited

PL PROPERTY

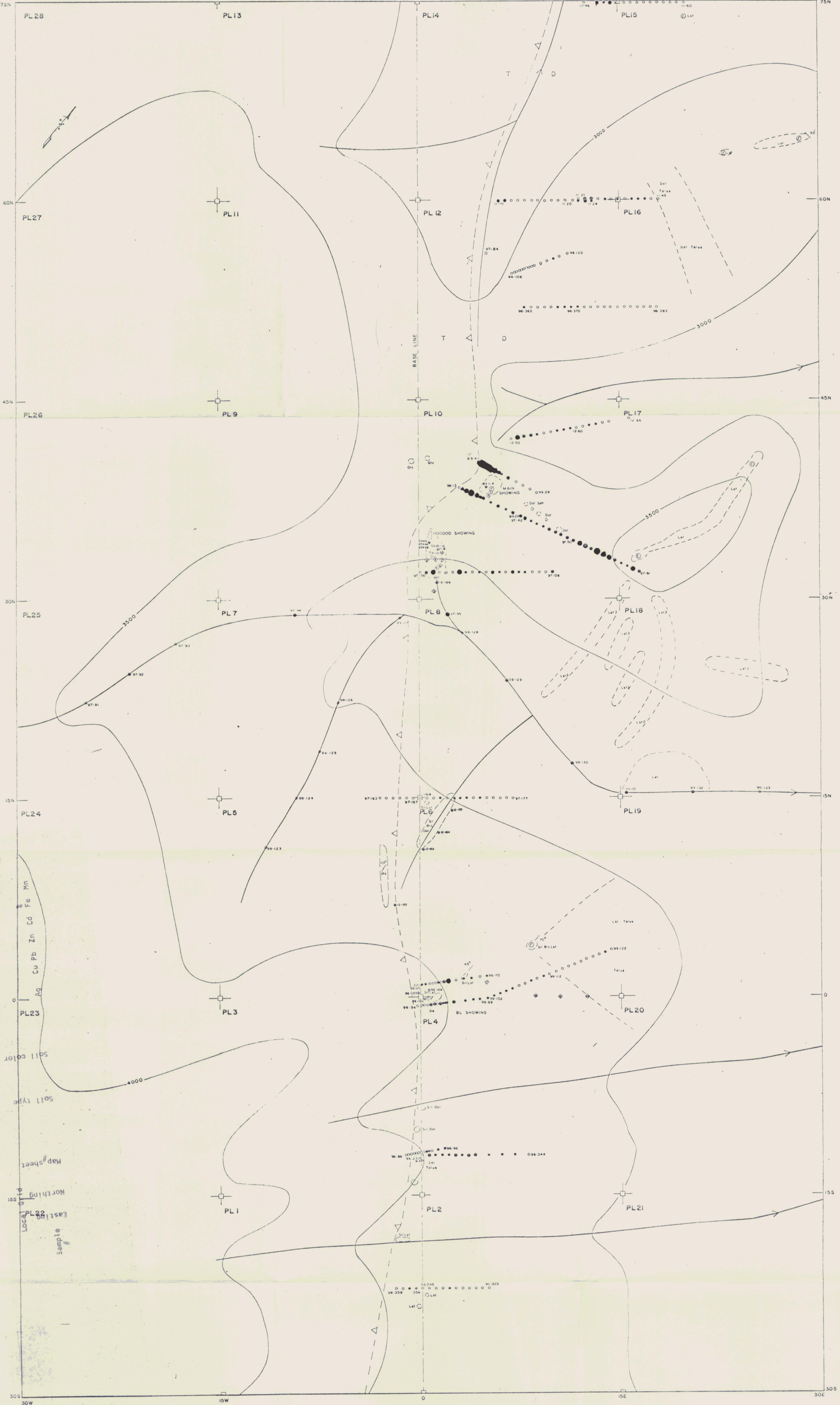
GEOLOGY AND GEOCHEMISTRY
CADMIUM IN SOIL AND STREAM SEDIMENT

SCALE	N.T.S. 1:10,000
DRAWN BY	M.D.F.
DATE	OCT 1976
FIG.	2

To accompany report:



Handwritten signature/initials



GEOCHEMICAL LEGEND

- PPM SILVER
- < 0.5 ○
 - 0.5 - 1.0 *
 - 1.1 - 2.0 ●
 - 2.1 - 5.0 ●
 - > 5.0 ●

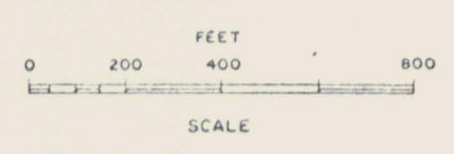
LEGEND

- T PRECAMBRIAN
Tindir Quartzite
- D DEVONIAN
Limestone and Dolomite
- △ THRUST CONTACT
- FOSSIL LOCALITY
- AREA OF OUTCROP
- Lst Limestone
- Dol Dolomite
- Sil Partial Silicification
- Brc Brecciation
- Ga Golenite
- Sph Sphalerite
- Soil Sample Location
- Stream Sediment
- Claim Post
- Pit Location
- Assay and Rock Sample

BP Minerals Limited

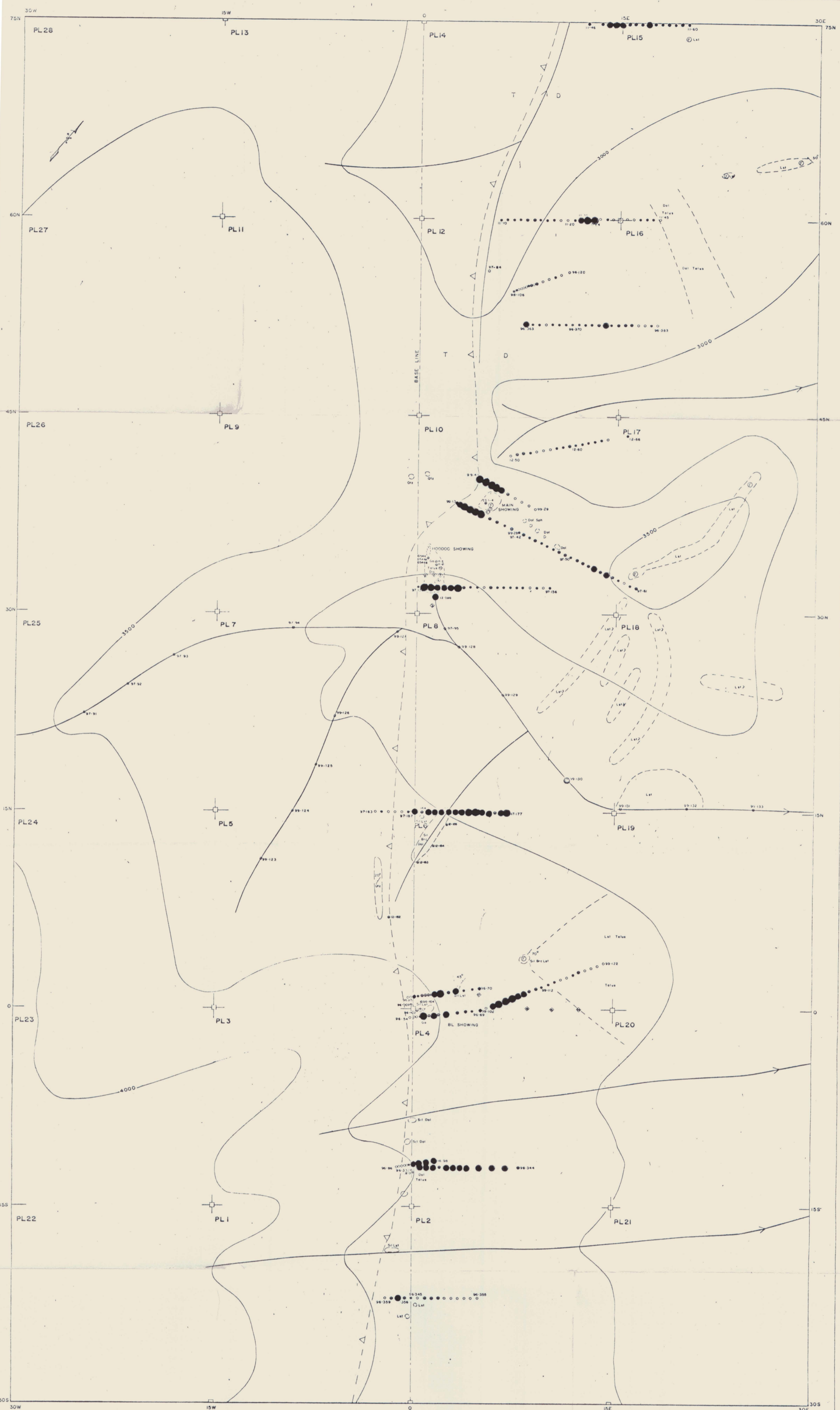
PL PROPERTY
GEOLOGY AND GEOCHEMISTRY
SILVER IN SOIL AND STREAM SEDIMENT

SCALE	NTS 1:12,500	FIG. 3
DRAWN	DATE OCT 1976	PHYS. 510
To accompany Report		



GRID NORTH 320° AZIMUTH

Handwritten signature



GEOCHEMICAL LEGEND

- PPM LEAD
- > 75 ○
 - 75 - 176 ●
 - 179 - 357 ●●
 - 358 - 800 ●●●
 - > 800 ●●●●

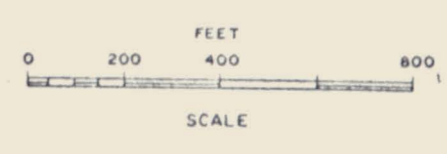
LEGEND

- T PRECAMBRIAN
Tinder Quartzite
- D DEVONIAN
Limestone and Dolomite
- △ THRUST CONTACT
- ⊙ FOSSIL LOCALITY
- AREA OF OUTCROP
- Lst Limestone
- Dol Dolomite
- Sil Partial Silicification
- Brc Brecciation
- Ga Galena
- Sph Sphalerite
- Ssl Salt Sulfate Location
- Stream Sediment
- ⊕ Claim Post
- ⊙ Pit Location
- Assay and Rock Sample

BP Minerals Limited

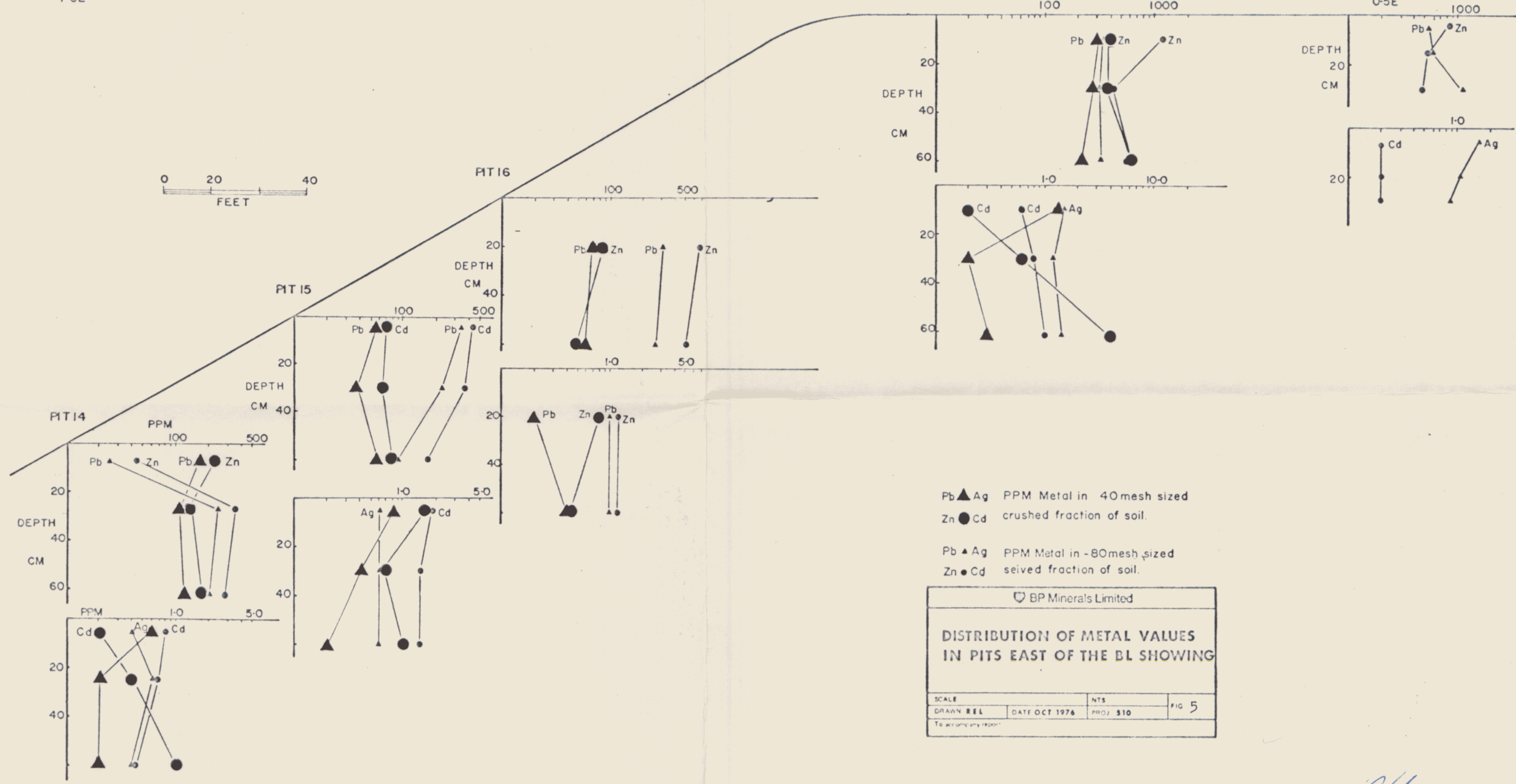
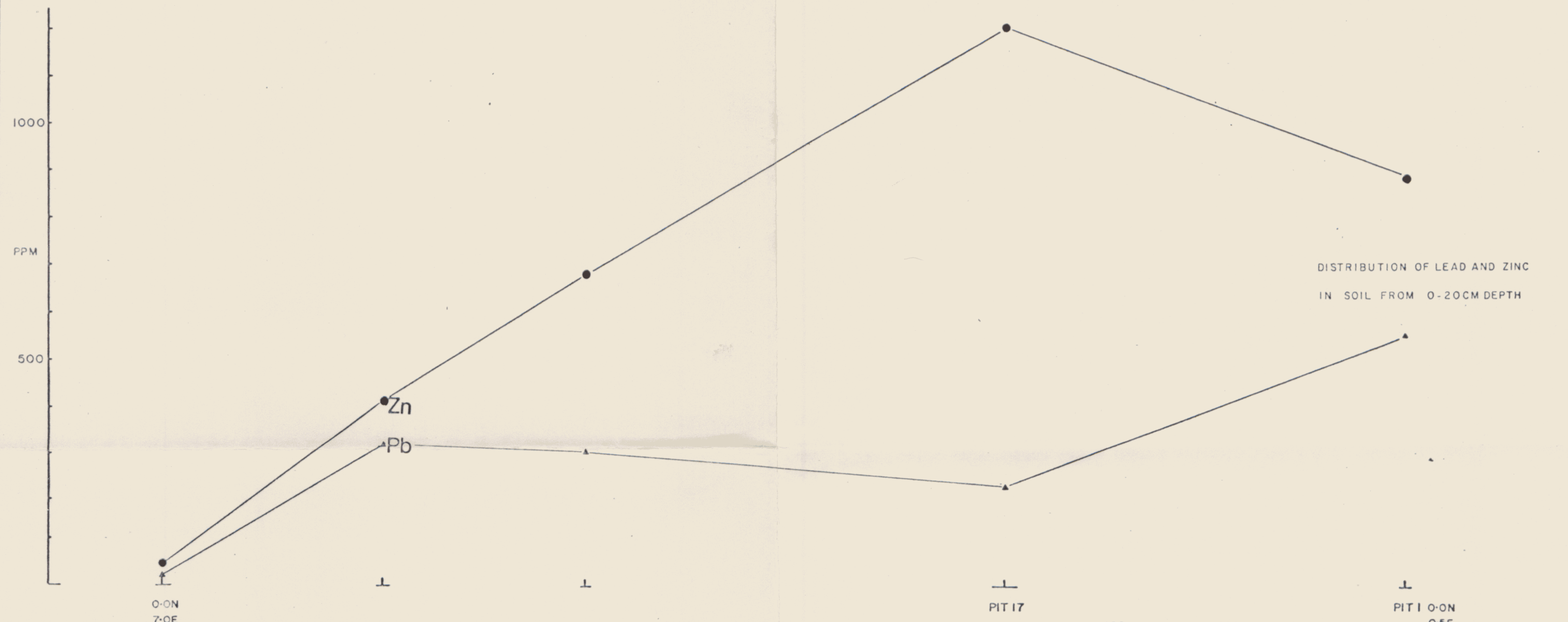
PL PROPERTY
GEOLOGY AND GEOCHEMISTRY
LEAD IN SOIL AND STREAM SEDIMENT

SCALE:	NTS 1:12,500	FIG. 4
DRAWN R.E.L.	DATE OCT 1976	PROJ. 510
To accompany report		



GRID NORTH 320° AZIMUTH

Handwritten signature/initials

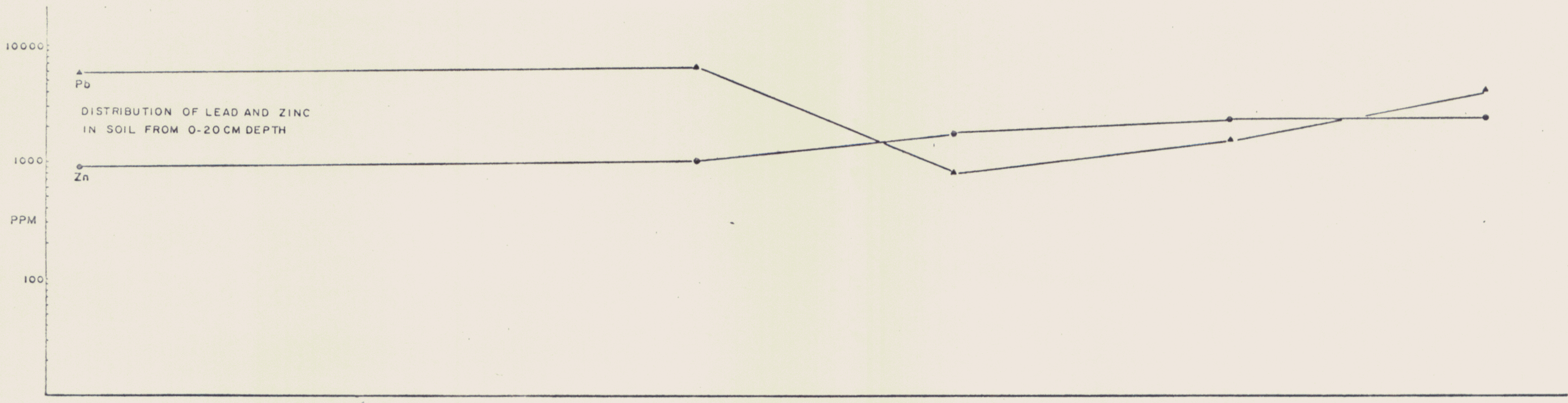


Pb ▲ Ag PPM Metal in 40 mesh sized
Zn ● Cd crushed fraction of soil.

Pb ▲ Ag PPM Metal in -80 mesh sized
Zn ● Cd sieved fraction of soil.

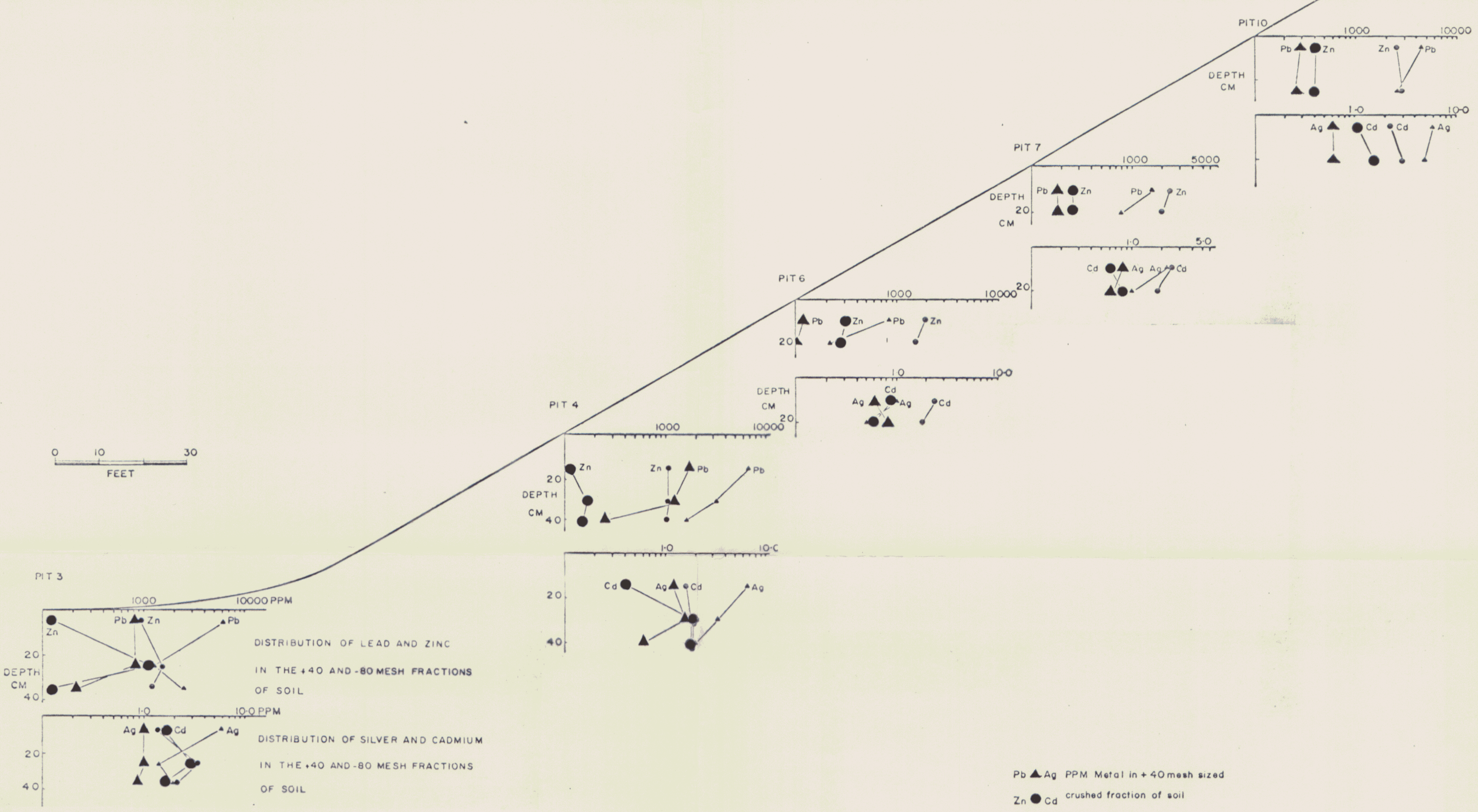
BP Minerals Limited		
DISTRIBUTION OF METAL VALUES IN PITS EAST OF THE BL SHOWING		
SCALE	NTS	FIG 5
DRAWN REEL	DATE OCT 1976	PROJ 510
To accompany report		

Handwritten signature/initials



30-5N 1-5E 35-0N 1-5E

HOODOO'S



Pb ▲ Ag PPM Metal in +40 mesh sized
Zn ● Cd crushed fraction of soil
Pb ▲ Ag PPM Metal in -80 mesh sized
Zn ● Cd sieved fraction of soil

BP Minerals Limited

**DISTRIBUTION OF METAL VALUES
IN PITS SOUTH OF HOODOO'S**

SCALE	NTS	FIG 6
DRAWN R.E.L.	DATE OCT 1976	PROJ 310
To accompany report		

M. J. P. G.