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REPORT ON

GEOLOGY, GEOPHYSICS, GEOCHEMISTRY, TRENCHING & DIAMOND DRILLING

DAVID, LEW, HARMONY & ROB CLAIMS

FORT STEELE MINING DIVISION

NTS 82F/8E

Latitude: 49° 22' N
Longitude: 116° 07'W

PART 1 OF 2

BY

PETER KLEWCHUK
GEOLOGIST

JANUARY 22, 1991

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APPENDICES

LIST OF ILLUSTRATIONS

1.00 INTRODUCTION

1.10 Location and Access

The David, Lew, Harmony and Rob mineral claims (hereafter referred to as the 'David property') are located in southeastern British Columbia, in the Fort Steele Mining Division, 30 kilometers southwest of Cranbrook and centered at approximately 49° 22'N Latitude and 116° 07'W Longitude (Figs. 1 & 2).

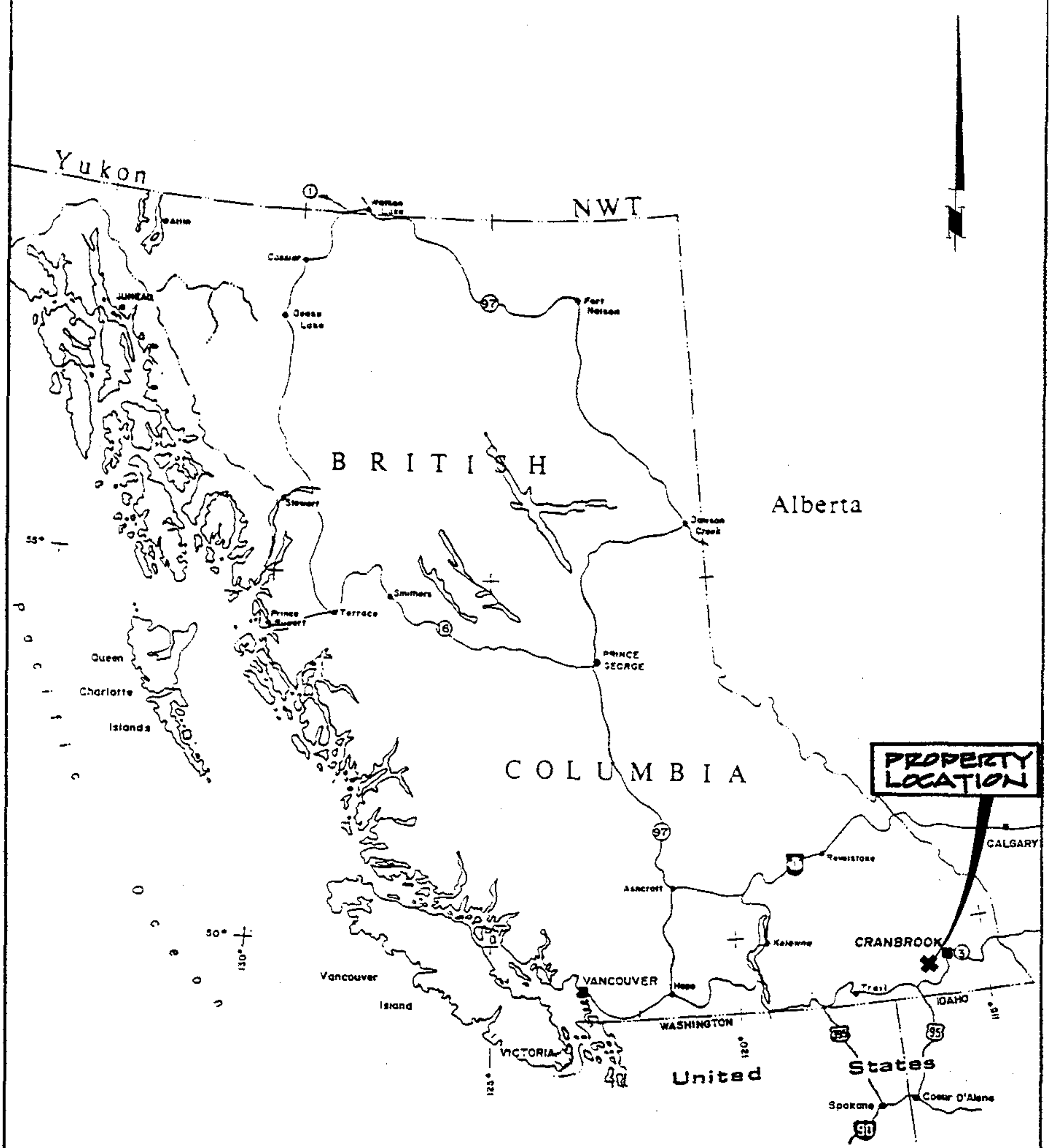
The property is accessible by road, using Highway 3/95 south of Cranbrook, and the Lumberton, Moyie, North Moyie & Kutlits Creek logging roads.

1.20 Physiography

The David property occurs within the Moyie River drainage and encompasses moderate to rugged, wooded mountainous topography with elevations ranging from 1450 to 2150 meters. Hillsides are forested with mixtures of pine, larch, spruce and fir. A number of logged clear cuts exist on the property; they are generally less than 15 years old.

1.30 Property

The David property consists of the David, Lew, Harmony and Rob claims (Fig. 2). All are currently under option to Dragoon Resources Ltd. The Lew claims are owned by Cominco Ltd., the David, Harmony and Rob claims are owned by a series of individuals.



DRAGOON RESOURCES LTD.

DAVID LEW CLAIMS

LOCATION MAP

FT. STEELE MINING DIVISION B.C.

BAPTY RESEARCH LIMITED

SCALE	N.T.S.	FIG. NO
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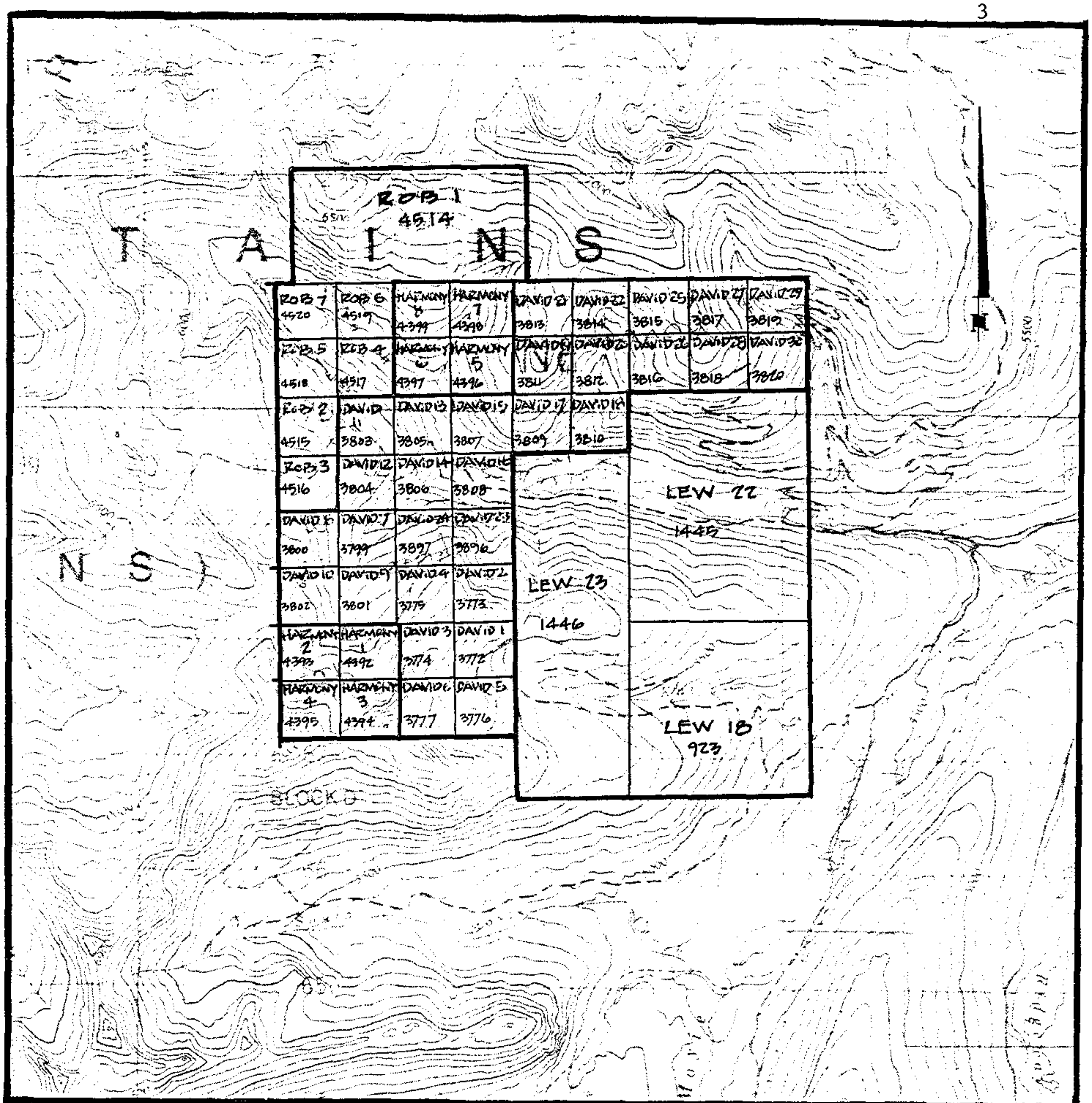
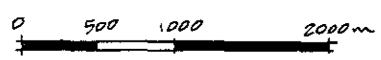
DATE January 1991		





DRAGOON RESOURCES LTD.

DAVID LEW CLAIMS

CLAIM MAP

BAPTY RESEARCH LIMITED

SCALE 1:50 000	NTS 82F/4		FIG NO
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DATE January 1991			

Details of the property are as follows:

CLAIM NAME	RECORD NO.	NO. OF UNITS	RECORD DATE	CURRENT EXPIRY DATE
David 1	3772	1	89/10/29	94/10/29
David 2	3773	1	89/10/29	94/10/29
David 3	3774	1	89/10/29	94/10/29
David 4	3775	1	89/10/29	94/10/29
David 5	3776	1	89/10/29	94/10/29
David 6	3777	1	89/10/29	94/10/29
David 7	3799	1	89/10/29	94/10/29
David 8	3800	1	89/10/29	94/10/29
David 9	3801	1	89/10/29	94/10/29
David 10	3802	1	89/10/29	94/10/29
David 11	3803	1	89/10/29	94/10/29
David 12	3804	1	89/10/29	94/10/29
David 13	3805	1	89/10/29	94/10/29
David 14	3806	1	89/10/29	94/10/29
David 15	3807	1	89/10/29	94/10/29
David 16	3808	1	89/10/29	94/10/29
David 17	3809	1	89/11/04	94/11/04
David 18	3810	1	89/11/04	94/11/04
David 19	3811	1	89/11/04	94/11/04
David 20	3812	1	89/11/04	94/11/04
David 21	3813	1	89/11/04	94/11/04
David 22	3814	1	89/11/04	94/11/04
David 23	3896	1	89/11/25	94/11/25
David 24	3897	1	89/11/25	94/11/25

CLAIM NAME	RECORD NO.	NO. OF UNITS	RECORD DATE	CURRENT EXPIRY DATE
David 25	3815	1	89/11/04	94/11/04
David 26	3816	1	89/11/04	94/11/04
David 27	3817	1	89/11/04	94/11/04
David 28	3818	1	89/11/04	94/11/04
David 29	3819	1	89/11/04	94/11/04
David 30	3820	1	89/11/04	94/11/04
Lew 18	923	9	80/05/05	94/05/05
Lew 22	1445	12	81/06/02	94/06/02
Lew 23	1446	12	81/06/02	94/06/02
Harmony 1	4392	1	90/04/14	95/04/14
Harmony 2	4393	1	90/04/14	95/04/14
Harmony 3	4394	1	90/04/14	95/04/14
Harmony 4	4395	1	90/04/14	95/04/14
Harmony 5	4396	1	90/04/14	95/04/14
Harmony 6	4397	1	90/04/14	95/04/14
Harmony 7	4398	1	90/04/14	95/04/14
Harmony 8	4399	1	90/04/14	95/04/14
Rob 1	4514	8	90/06/12	95/06/12
Rob 2	4515	1	90/06/11	95/06/11
Rob 3	4516	1	90/06/11	95/06/11
Rob 4	4517	1	90/06/11	95/06/11
Rob 5	4518	1	90/06/11	95/06/11
Rob 6	4519	1	90/06/11	95/06/11
Rob 7	4520	1	90/06/11	95/06/11

1.40 History

Placer gold has been mined from the Moyie River and some of its tributaries since the late 1800's. One commercial operation by Queenstake Resources Ltd. is presently active and numerous small operations are intermittently worked by private individuals.

No significant bedrock source for the placer gold has previously been defined although considerable effort has been spent in prospecting the area. A number of small lode gold occurrences have been discovered over the years but none have been sufficiently large to sustain commercial production.

In the spring of 1990 an exposure of gold-mineralized quartz was discovered on the David claims; this report details the subsequent exploration of that prospect.

1.50 Scope of 1990 Exploration

In 1990, airborne and ground geophysics, soil and rock geochemistry, geological mapping, trenching and diamond drilling were utilized to explore the David property.

2.00 GEOLOGY

2.10 Regional Geology

The David property lies within the Purcell Anticlinorium, a geologic sub-province between the Rocky mountain Thrust and Fold Belt to the east and the Kootenay Arc to the west.

The core of the Purcell Anticlinorium is made up of the Purcell Supergroup, an eleven kilometer thick sequence of dominantly fine-grained clastic and carbonate rocks.

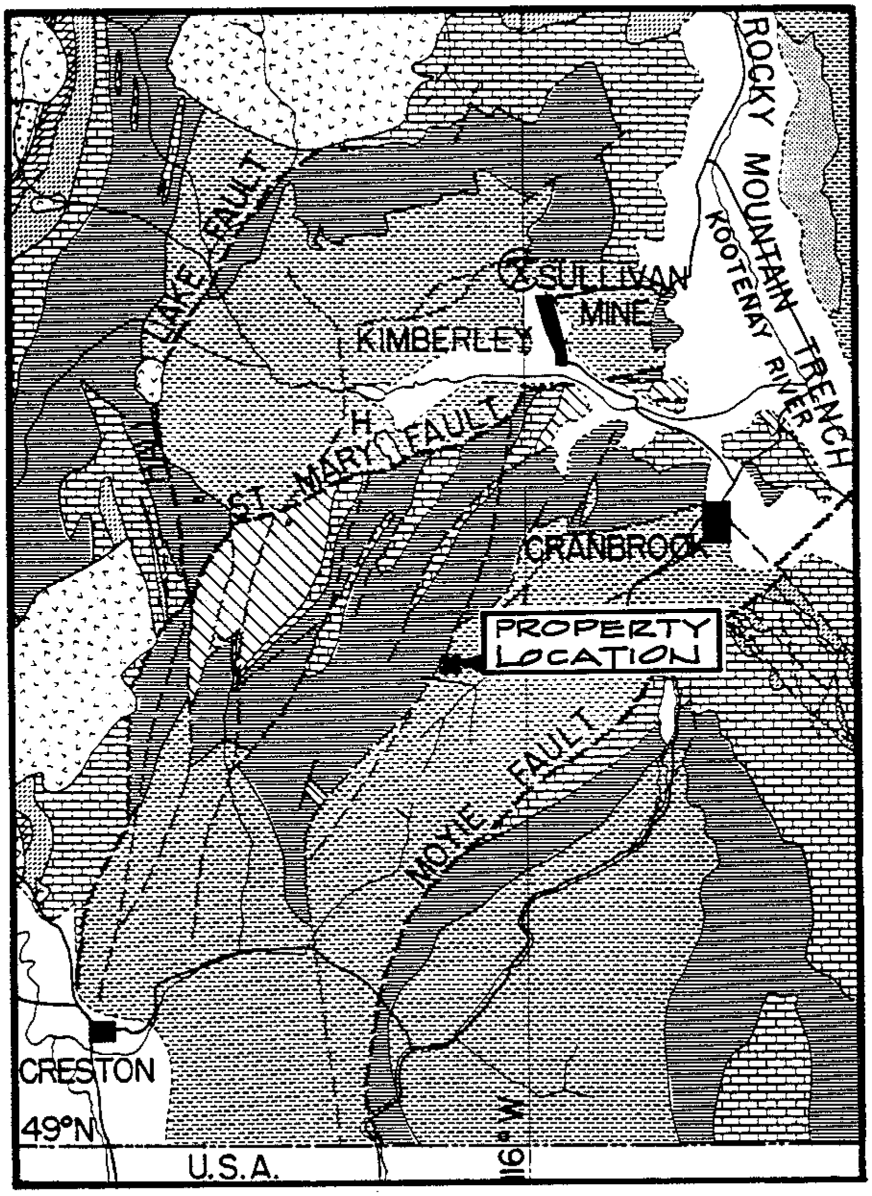
The lowest exposed part of the Purcell Supergroup is the Aldridge Formation, a thick section of basinal turbidites. These are successively overlain by shallow water quartzites and siltstones of the Creston Formation and siltstones and carbonates of the Kitchener Formation (Fig. 3).

Voluminous intrusions of basic sills are associated primarily with the Aldridge Formation but are known to extend into the Kitchener Formation.

Cretaceous granodiorite and quartz monzonite intrusives cut through these rocks and appear to have produced economic mineralization in at least one instance - The Bull River Cu-Au-Ag deposit. Syenite composition dykes of Cretaceous or Tertiary age are associated with at least one major (Cranbrook) fault.

The geologic formations of the David property and vicinity are broken into a series of fault blocks by north-striking predominantly west-dipping normal and reverse faults and easterly-striking transcurrent faults.

Detailed interpretation of structure is hindered by the character and thickness of some of the litho-stratigrphic units. For example the Middle Aldridge Formation is lithologically quite uniform over a thickness of almost 2500 meters.



~ LEGEND ~

MESOZOIC
- Granite Intrusions

PRECAMBRIAN
- H · Hellroaring Creek Stock

CAMBRIAN
- · Eager Formation
- · Cranbrook Formation

PROTEROZOIC
WINDERMERE SUPERGROUP
- · Horsethief Creek Group
- · Toby Formation

PURCELL SUPERGROUP
- · Mount Nelson Formation
- · Dutch Creek Formation
- · Nicol Creek Formation
- · Van Creek Formation
- · Kitchener Formation

PROTEROZOIC
PURCELL SUPERGROUP
- · Creston Formation
- · Aldridge Formation
- · Fort Steele Formation

0 5 10 15 25km

NOTE:
Geology after ~
Hoy. 1982
Leech. 1957, 1960
Reesor. 1958, 1981
Rice. 1941

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DAVID LEW CLAIMS
REGIONAL GEOLOGY MAP
FT STEELE MINING DIVISION B.C.
BAPTY RESEARCH LIMITED

SCALE	N.T.S. 82F/4	FIG. NO.
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DATE January 1991		

Furthermore glacial drift cover is extensive and recessive-weathering structural breaks (that might host gold mineralization) are mostly not exposed.

2.20 Property Geology

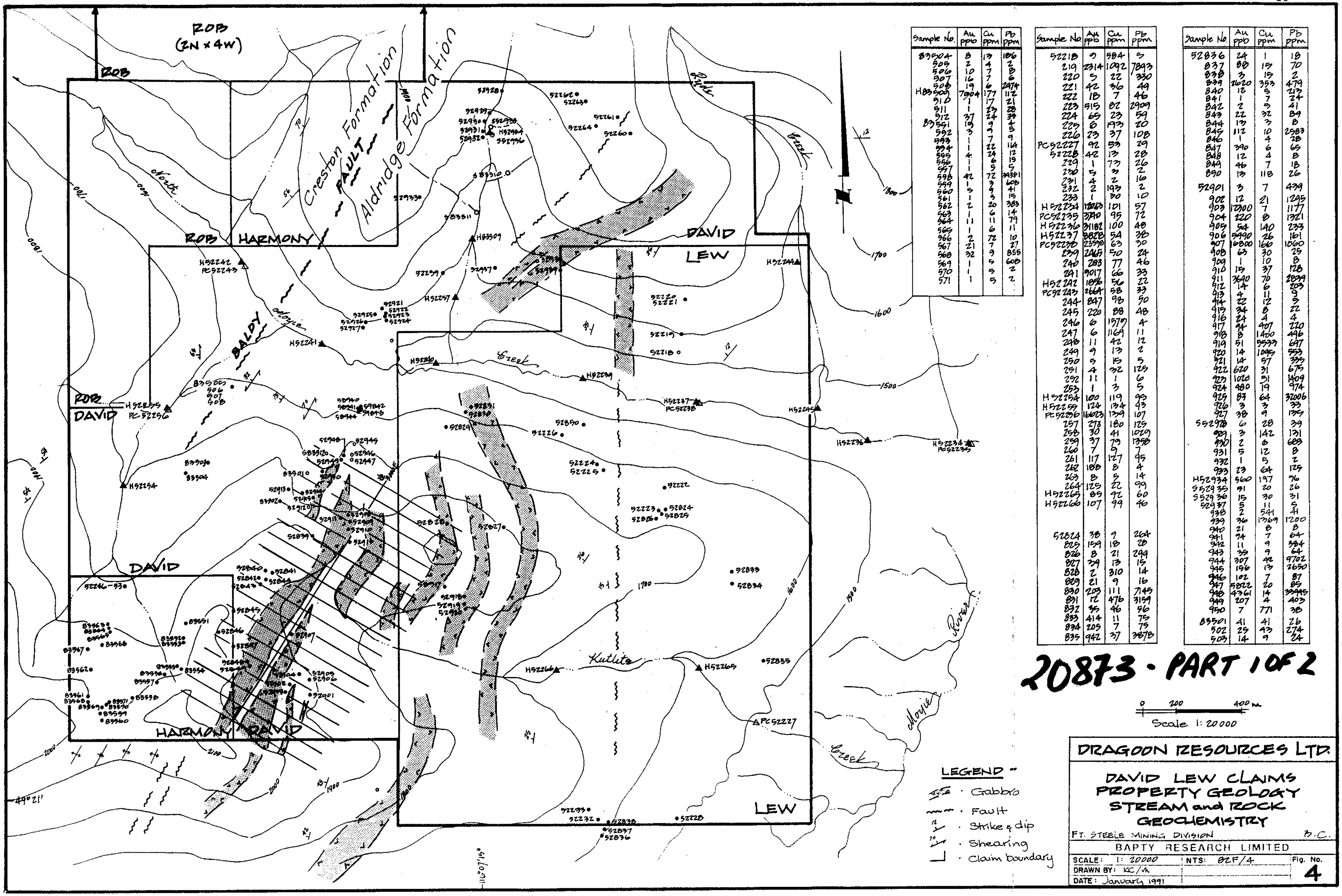
The David property is underlain by fine-grained clastic rocks of the Aldridge and Creston Formations, Fig. 4.

Aldridge lithologies are typically medium bedded siltstone and quartzites to laminated silty argillites. Creston lithologies exposed on the immediate west side of the Baldy Fault are thin bedded and laminated argillites.

Gabbro and diorite composition sills and dykes are present mainly in the Aldridge Formation. Some of these mafic bodies are magnetic.

Bedding is northeast striking with steep to moderate west dip.

Structure on the property is dominated by NNE-oriented faults and shear zones, most of which are steeply west-dipping normal faults; some may be of reverse movement. The most prominent of these is the Baldy Fault which crosses the entire property and separates Aldridge Formation on the East from Creston Formation on the West (Fig. 4). No transverse east-striking faults are known although topographic linears of this orientation, namely Kutlits and North Moyie Creeks, suggest such breaks may be present.



Sample No.	Au ppb	Cu ppm	Pb ppm
83504	8	13	106
505	2	4	2
506	10	7	8
507	16	7	6
508	19	6	2474
H83509	7904	177	112
510	1	17	21
511	1	23	28
512	37	24	39
83551	19	9	4
552	3	9	5
553	1	7	9
554	1	22	114
555	4	24	12
556	1	6	15
557	1	5	5
558	42	72	34381
559	1	3	608
560	5	9	41
561	1	5	15
562	2	20	383
563	1	6	14
564	11	11	79
565	1	6	11
566	2	72	10
567	21	7	27
568	32	9	855
569	1	5	608
570	1	5	2
571	1	5	2

Sample No.	Au ppb	Cu ppm	Pb ppm
52218	9	584	5
219	2314	1092	7893
220	5	22	330
221	42	36	49
222	18	7	46
223	515	82	2909
224	65	23	59
225	6	193	20
226	23	37	108
PC52227	92	53	29
52228	42	13	28
229	1	73	26
230	5	3	2
231	4	2	16
232	2	193	2
233	1	30	10
H52234	12263	101	57
PC52235	3740	95	72
H52236	31182	100	48
H52237	8828	54	38
PC52238	23598	63	30
239	2465	50	24
240	283	77	46
241	9017	66	33
H52242	1856	56	22
PC52243	2664	58	33
244	847	98	50
245	220	88	48
246	6	1579	4
247	6	1169	11
248	11	42	12
249	9	13	2
250	5	15	5
251	4	32	125
252	11	1	6
253	1	3	5
H52254	100	119	95
H52255	124	134	93
PC52256	16623	139	107
257	273	180	125
258	30	41	1029
259	37	79	1358
260	7	9	7
261	117	127	95
262	188	8	4
263	8	5	14
264	125	22	99
H52265	85	92	60
H52266	107	99	46
52824	38	9	264
825	159	18	20
826	8	21	299
827	39	13	15
828	2	310	14
829	21	9	16
830	203	111	7145
831	12	476	3159
832	35	46	56
833	414	11	75
834	205	7	75
835	942	37	3878

Sample No.	Au ppb	Cu ppm	Pb ppm
52836	24	1	18
837	88	15	70
838	3	15	2
839	2620	353	479
840	12	5	213
841	1	7	24
842	2	5	41
843	22	32	89
844	13	3	8
845	112	10	2583
846	1	4	28
847	390	6	65
848	12	4	8
849	46	7	18
850	13	118	26
52901	3	7	439
902	12	21	1295
903	12900	7	1177
904	220	8	1321
905	54	140	233
906	5990	26	161
907	16800	166	1060
908	63	30	25
909	1	10	8
910	15	37	128
911	3640	70	2839
912	14	6	203
913	4	11	9
914	22	12	5
915	34	8	22
916	24	4	4
917	94	407	220
918	8	1400	496
919	51	5533	697
920	14	1095	553
921	14	57	335
922	620	31	675
923	1020	51	1409
924	480	19	974
925	83	64	32006
926	3	3	33
927	38	9	135
552928	6	28	39
929	3	142	131
930	2	6	683
931	5	12	8
932	1	5	2
933	23	64	125
H52934	560	197	96
552935	91	20	26
552936	15	30	31
52937	5	11	5
938	2	541	41
939	36	1369	1200
940	21	8	8
941	74	7	64
942	11	9	384
943	35	9	64
944	307	42	9702
945	156	13	2650
946	102	7	87
947	5822	20	85
948	4361	14	33945
949	207	4	403
950	7	771	38
83501	41	41	26
502	25	43	274
503	14	9	24

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DAVID LEW CLAIMS
PROPERTY GEOLOGY
STREAM and ROCK
GEOCHEMISTRY

FT. STEELE MINING DIVISION B.C.

BAPTY RESEARCH LIMITED

SCALE: 1: 20000 | NTS: 82F/4 | Fig. No. 4
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DATE: January 1991

Some detailed mapping was completed on the property in 1990 on the soil geochem grid established over the new gold discovery (Fig. 5). Geochem sample lines are spaced 100 meters apart. Mapping was controlled by this grid and data acquisition tends to be concentrated along the survey lines.

Many small northeast-oriented quartz veins are present and some carry anomalous gold mineralization. The discovery zone located on the Base Line at 3000E and immediately south of L2000N is the strongest zone of silicification seen in the area of detailed mapping. Trenching has established that this zone extends for at least 950 meters along strike. Another prominent zone of quartz veining on L1700N at 2650E did not return any significant gold values.

A series of fault or shear zones trend northeasterly across the area of detailed mapping. One of the more prominent shear zones is coincident with the gold-mineralized discovery zone and it is evident that the mineralization is structurally-controlled by this shear zone.

A number of gabbro to diorite composition sills and/or dykes cross the grid area; these generally follow the northeast grain of the structure. The level of detail of present mapping demonstrates that some of these mafic bodies are discontinuous. The discontinuous character may be from structural attenuation caused by lateral movement along the shear zones.

2.30 Mineralization

Early prospecting on the David property discovered a number of occurrences of visible gold mineralization in rusty, vuggy, pyritic quartz. Some of these samples contained sheared sediments and suggested the gold mineralization was related to a shear zone.

The discovery of significant gold mineralization with quartz within a northeast-oriented, sheared surface exposure of bedrock supported the structural control. Subsequent trenching and diamond drilling have confirmed the association of gold with a northeast-oriented shear. Lens-shaped quartz veins are intermittently developed within the shear zone. These quartz veins tend to carry lower gold values than the more strongly mineralized shear zone although the more massive veins do occasionally carry visible gold.

The gold mineralized zone is characterized by strong silicification, related bleaching and elevated lead and copper values; both galena and chalcopyrite are common constituents. Chlorite and pyrite occur within and marginal to the mineralized zone.

3.00 GEOCHEMISTRY

3.10 Soil Geochemistry

Soil samples were collected from a 3100 meter by 1000 meter area centered on the gold discovery zone. A base line 3100 meters long was established at 030° Azimuth and survey lines were run at 100 meter spacings, extending 500 meters to both sides of the base line. Samples were taken every 25 meters along the lines and collected from the upper part of the B horizon where possible.

Soil samples were shipped to ACME Analytical Laboratories Ltd. in Vancouver and analyzed by standard techniques for a 30 element ICP package and geochemical gold (acid leach, AA finish). Results for Gold, Copper and Lead soil geochemistry are shown on Figures 6, 7 & 8 respectively; complete soil geochemistry analyses are provided in Appendix 2.

Anomalous gold mineralization is widespread on the grid. The mineralization of the gold discovery zone is reflected by a downslope soil anomaly. Anomalous results to the west uphill of the discovery zone probably indicate another bedrock source of gold mineralization. A strong linear anomaly north of the gold discovery zone suggests the zone of bedrock gold mineralization extends for some distance north of the discovery zone.

Both lead and copper tend to mimic the gold mineralization although anomalies for these elements are more restricted than for gold. Generally, it appears that both copper and lead act as pathfinder elements for gold.

3.20 Rock Geochemistry

During the coarse of geologic mapping on the David property, a number of rock samples were collected and analyzed for a 30 element ICP package and geochemical gold. Sample locations are shown on Fig. 4 and complete analytical results are given in Appendix 3.

Anomalous gold is widespread on the David property, extending for approximately 3 kilometers on strike. The majority of the anomalous results come from a narrow northerly-oriented corridor which coincides with the gold discovery zone and the soil geochem anomaly. Some of the rock samples are float specimens inferred to be close to their bedrock source; further work is required to evaluate these results.

Many of the rock samples which host anomalous gold also carry anomalous lead and copper, supporting the relationship seen in the soil geochemistry.

4.00 GEOHPHYSICS

4.10 Airborne Geophysics

On August 27, 1990, Aerodat Ltd. flew a combined magnetic and VLF Survey over part of the David property. The Aerodat report is included as Appendix 1.

The survey was flown to provide detail on magnetic anomalies known from earlier regional aeromag surveys (Geological Survey of Canada, 1970).

Flight lines, oriented at an angle of 135° with a nominal line spacing of 200 meters, are shown on Fig. 9. Figures 10 and 11 show Total Field Magnetic Contours and Calculated Vertical Magnetic Gradient. VLF-EM Total Field Contours are on Fig. 12.

4.11 Magnetics

The magnetic data shows strong northeast-oriented linears, roughly parallel to the regional structure. A prominent magnetic high, centrally located within the survey area, increases in width southward. The proximity of the magnetic anomaly to the known gold mineralization suggests a genetic relationship.

4.12 VLF-EM

The VLF-EM results show highs along the major stream drainages in the survey area. There is some evidence for a northeast-oriented fabric north of North Moyie Creek.

4.20 Ground Geophysics

A Total Field Magnetic Survey was carried out over most of the area of the soil geochem grid. Readings were taken at 12.5 meter spacings along the survey lines (Fig. 13). In a few places, where the gradient was very high, intermediate readings were also taken. A system of closed loop traverses were used to minimize the effect of diurnal variation, using the initially surveyed base line as control for the survey.

The Geometrics G-816 portable proton magnetometer used for the survey has a sensitivity of one gamma.

The contoured magnetic data on Fig. 13 shows a strong linear northeast-oriented anomaly crossing most of the western half of the survey area. Two smaller anomalies to the east have north to northeast orientation.

Geologic mapping demonstrates that the magnetic anomalies are caused by magnetite concentrated within gabbros. Evidently only some of the gabbro bodies in the survey area are strongly magnetic.

5.00 TRENCHING

A series of trenches were dug on the David property to expose bedrock for mapping and sampling. Figure 5 shows the location of the trenches.

Trenches 1 and 4 were cleared and washed, then mapped and sampled in detail. Results are shown on Figures 14 and 15. Strongly anomalous gold mineralization is exposed in the trenches, associated with lead and copper mineralization, within a sheared zone of Middle Aldridge Formation siltstones and quartzites. This zone was subsequently tested by diamond drilling.

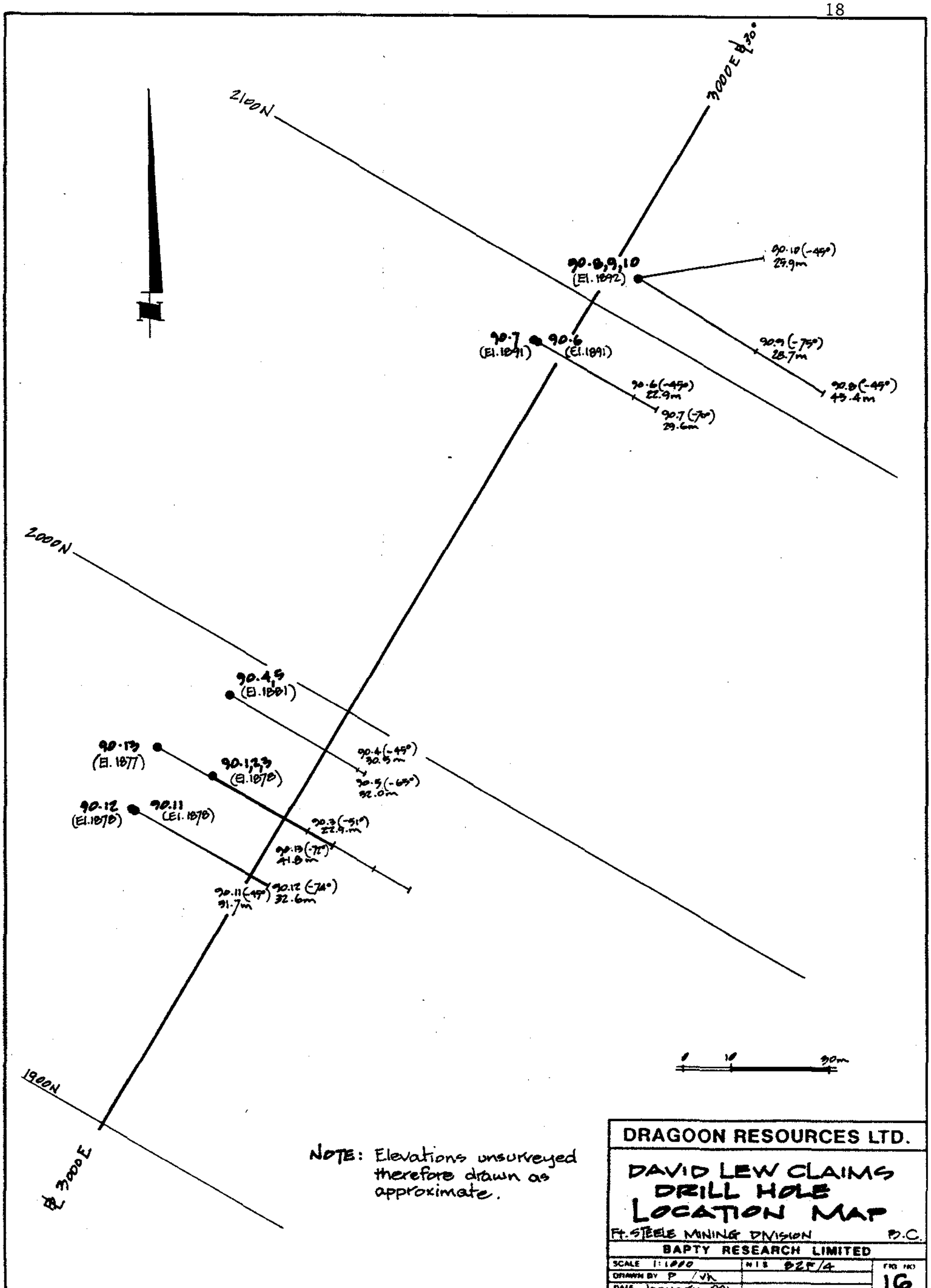
The remaining trenches were dug to expose the strike extension of the known mineralized zone, to test areas where rock sampling had detected anomalous gold mineralization, and to test areas of anomalous soil geochemistry. The trenching program was conducted late in the field season and early snowfalls prevented complete mapping and sampling of the trenches.

6.00 DIAMOND DRILLING

Thirteen NQ drill holes totalling 429.9 meters were completed on the David property prior to the first anniversary date of the claims; these form part of a program which continued beyond that anniversary date. Only the first thirteen drill holes are considered in this report.

All thirteen holes are relatively shallow tests of the gold discovery zone between Line 1900N and 2100N (Fig. 16). Significant gold mineralization was intersected in most of the holes; analytical results are shown on a series of cross sections, Figs. 17 to 21; drill logs are given in Appendix 4 and complete analytical results are given in Appendix 5.

The best gold mineralization occurs with anomalous copper and lead mineralization in a strongly bleached and silicified shear zone. Narrow quartz veins are common and are locally developed into small stockwork breccia zones. Pyrite is the most common sulfide, occurring with both quartz veins and altered siltstone. Galena is locally abundant and chalcopyrite is common in minor amounts.


2100N
3000E
2000N
1900N
℄ 3000E
90-8,9,10
(El. 1892)
90-10 (-45°)
25.9m
90-9 (-75°)
28.7m
90-8 (-45°)
45.4m
90-7
(El. 1891)
90-6
(El. 1891)
90-6 (-45°)
22.9m
90-7 (-70°)
29.6m
90-4,5
(El. 1881)
90-4 (-45°)
30.5m
90-5 (-65°)
32.0m
90-13
(El. 1877)
90-1,2,3
(El. 1878)
90-3 (-51°)
22.9m
90-13 (-71°)
41.8m
90-12
(El. 1878)
90-11
(El. 1878)
90-11 (-45°)
31.7m
90-12 (-74°)
32.6m
0 10 30m
NOTE: Elevations unsurveyed therefore drawn as approximate.
DRAGOON RESOURCES LTD.
DAVID LEW CLAIMS
DRILL HOLE
LOCATION MAP
Ft. STEELE MINING DIVISION B.C.
BAPTY RESEARCH LIMITED
SCALE 1:1000
NTS 82F/4
DRAWN BY P / vh
DATE January 1991
FIG NO 16

7.00 CONCLUSIONS

1. Significant gold mineralization occurs associated with a northeast oriented shear zone within altered Middle Aldridge Formation siltstones on the David property. Diamond drilling in a series of shallow holes has outlined an apparent continuous zone of gold mineralization over a strike length of 150 meters.

2. Gold mineralization occurs with anomalous lead and copper mineralization.

3. Airborne and ground geophysics have defined strong northeast-oriented magnetic anomalies which parallel regional structure. Some of the gabbro sills or dykes mapped on the property contain disseminated magnetite and are the source of the magnetic anomalies.

4. Widespread anomalous gold mineralization has been outlined by a large soil geochemical survey covering the gold discovery zone. The survey results indicate other sources of bedrock mineralization occur on the property.

5. Rock sampling beyond the limits of the soil geochem grid has shown that significant gold values occur in bedrock over a strike length of about three kilometers on the David property.

8.00 RECOMMENDATIONS

1. Diamond drilling should be continued to define the extent of the shear zone-hosted gold mineralization.

2. Extensive exploration is warranted to further evaluate all of the gold anomalies currently known on the property and to explore for other gold occurrences. This work should entail additional soil geochemistry, ground geophysics, geologic mapping and rock geochemistry and considerable trenching in favorable areas.

9.00 STATEMENT OF EXPENDITURES

Line cutting 3.1 km @ $475/km	$ 1,472.50
Airborne Geophysics Mag, VLF-EM 80 line km @ $125/km	10,000.00
Geol. Mapping & Ground Geophysics	
31 days @ $282/day	9,306.00
4 x 4 Vehicle 31 x $50	1,550.00
Rock, Stream & Soil Geochemistry	
Personnel & Transportation	12,195.00
Soil Analysis 1312 samples @ $13.25/sample	17,384.00
Rock & Stream Analysis 352 samples @ $13.75/sample	4,840.00
Trenching	19,372.56
Diamond Drilling 429.9 m @ $163.77/m all inclusive	70,404.72
Report & Supplies	2,624.16
TOTAL	**$149,148.94**

10.00 AUTHOR'S QUALIFICATION

I, Peter Klewchuk, certify that:

1. I am an independent consulting geologist with offices at 246 Moyie Street, Kimberley, British Columbia.
2. I am a graduate geologist with a BSc degree (1969) from the University of British Columbia and an MSc degree (1972) from the University of Calgary.
3. I am a Fellow in good standing of the Geological Association of Canada.
4. I have been actively involved in mining and exploration geology, primarily in the province of British Columbia, for the past 18 years.
5. I have been employed by major mining companies and provincial government geological departments.

Dated at Kimberley, British Columbia, this 22nd day of January, 1991.

Peter Klewchuk
Geologist

11.00 REFERENCES

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APPENDIX 1

REPORT ON COMBINED HELICOPTER-BORNE MAGNETIC AND VLF SURVEY

CRANBROOK, B.C. OCT. 24, AERODAT, LIMITED

REPORT ON
COMBINED HELICOPTER-BORNE
MAGNETIC AND VLF SURVEY
CRANBROOK
BRITISH COLUMBIA

FOR
BAPTY RESEARCH LTD.
BY
AERODAT LIMITED
October 24, 1990

J9067

Adriana Carbone
Geologist

TABLE OF CONTENTS

List of Maps
(Scale 1:10,000)

Basic Maps: (As described under Appendix B of the Contract)

1. **TOPOGRAPHIC BASE MAP;**
   Prepared from available 1:50,000 NTS maps.

2. **FLIGHT LINE MAP;**
   Showing all flight lines and fiducials with the base map.

3. **TOTAL FIELD MAGNETIC CONTOURS;**
   Showing magnetic values corrected of all diurnal variation with flight lines, fiducials, and base map.

4. **VERTICAL MAGNETIC GRADIENT CONTOURS;**
   Showing magnetic gradient values calculated from the total field magnetics with flight lines, fiducials and base map.

5. **VLF-EM TOTAL FIELD CONTOURS;**
   Showing VLF total field response from the line transmitter with flight lines, fiducials, and base map.

1. INTRODUCTION

This report describes an airborne geophysical survey carried out on behalf of Bapty Research Ltd. Equipment operated during the survey included a high sensitivity cesium vapour magnetometer, a two frequency VLF-EM system, a video tracking camera, radar altimeter, and an electronic positioning system. Magnetic and altimeter data were recorded both in digital and analog forms. Positioning data was stored in digital form, encoded on VHS format video tape and recorded at regular intervals in local UTM coordinates, as well as being marked on the flight path mosaic by the operator while in flight.

The survey area referred to as the Lew/David Property and is located west of Cranbrook, British Columbia. The survey was flown August 27, 1990. Data from one flight was used to compile the survey results. The flight lines were oriented at an angle of 135 degrees, with a nominal line spacing of 200 metres (according to Appendix "A" of the contract). Geophysical information is provided in the form of maps at 1:20,000. Coverage and data quality were considered to be well within the specifications described in the service contract.

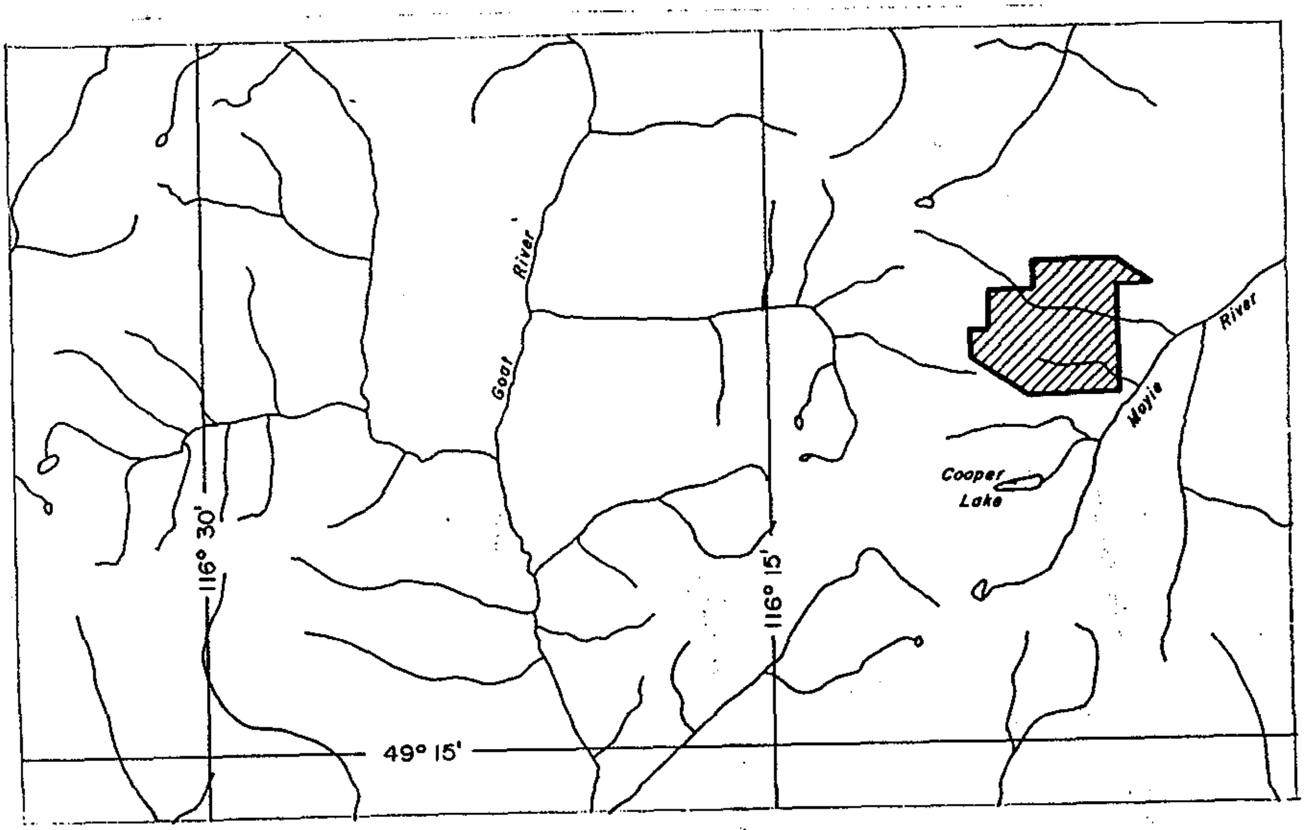
The purpose of the survey was to record airborne geophysical data over ground that is of interest to Bapty Research Ltd.

The survey encompasses approximately 80 line kilometres of the recorded data that were compiled in a map form at a scale of 1:20,000. The maps are presented as part of this report according to specifications laid out by Bapty Research Ltd.

2. SURVEY AREA LOCATION

The survey area is depicted on the following index map.

The Lew/David Property is centred at approximate geographic latitude 49 degrees 23 minutes North, longitude 116 degrees 07 minutes West.



LEW/DAVID PROPERTY

3. AIRCRAFT AND EQUIPMENT

3.1 Aircraft

An Aerospatiale A-Star 350 B helicopter, (CG-UPH), piloted by Bruce MacDonald, owned and operated by Peace Helicopters Limited, was used for the survey. Joe Mercier of Aerodat acted as navigator and equipment operator. Installation of the geophysical and ancillary equipment was carried out by Aerodat. The survey equipment was flown at a mean terrain clearance of 60 metres.

3.2 Equipment

3.2.1 VLF-EM System

The VLF-EM System was a Herz Totem 2 A. This instrument measures the total field and quadrature component of the selected frequency. The sensor was towed in a bird 30 metres below the helicopter.

3.2.2 Magnetometer System

The magnetometer employed a Scintrex Model VIW 2321 H8 cesium, optically pumped magnetometer sensor. The sensitivity of this instrument was 0.1 nanoTeslas. The sensor was towed in a bird 30 metres below the helicopter.

3.2.3 Magnetic Base Station

An IFG proton precession magnetometer was operated at the base of operations to record diurnal variations of the earth's magnetic field. The clock of the base station was synchronized with that of the airborne system to facilitate later correlation.

3.2.4 Altimeter System

A King KRA 10 radar altimeter was used to record terrain clearance. The output from the instrument is a linear function of altitude for maximum accuracy.

3.2.5 Tracking Camera

A Panasonic video flight path recording system was used to record the flight path on standard VHS format video tapes. The system was operated in continuous mode and the flight number, real time and manual fiducials were registered on the picture frame for cross-reference to the analog and digital data.

3.2.6 Analog Recorder

An RMS dot-Matrix recorder was used to display the data during the survey. In addition to manual and time fiducials, the following data was recorded:

Channel	Input	Scale
VLT	VLF-EM Total Field, Line	25 %/cm
VLQ	VLF-EM Quadrature, Line	25 %/cm
VOT	VLF-EM Total Field, Ortho	25 %/cm
VOQ	VLF-EM Quadrature, Ortho	25 %/cm
RALT	Radar Altimeter	100 ft./cm
MAGF	Magnetometer, fine	25 nT/cm
MAGC	Magnetometer, coarse	250 nT/cm

3.2.7 Digital Recorder

A DGR 33:16 data system recorded the survey on magnetic tape. Information recorded was as follows:

Equipment	Recording Interval
VLF-EM	0.20 seconds
Magnetometer	0.20 seconds
Altimeter	0.20 seconds
Nav System	0.20 seconds

3.2.8 Radar Positioning System

A Mini-Ranger MRS-III radar navigation system was used for both navigation and flight path recovery. Transponders sited at fixed locations were interrogated several times per second and the ranges from these points to the helicopter were measured to a high degree of accuracy. A navigational computer triangulated the position of the helicopter and provided the pilot with navigation information. The range/range data was recorded on magnetic tape for subsequent flight path determination.

4. DATA PRESENTATION

4.1 Base Map

A topographic base map at a scale of 1:20,000 was prepared from available 1:50,000 NTS maps.

4.2 Flight Path Map

The flight path was derived from the Mini-Ranger radar positioning system. The distance from the helicopter to two established reference locations was measured several times per second and the position of the helicopter was calculated by triangulation. It is estimated that the flight path is generally accurate to about 10 metres with respect to the topographic detail on the base map.

The flight lines have the time and the navigator's manual fiducials for cross reference to both analog and digital data.

4.3 Magnetics

4.3.1 Total Field Magnetic Contours Map

The magnetic data from the high sensitivity cesium magnetometer provided virtually a continuous magnetic reading when recording at 0.2 second intervals. The system is also noise free for all practical purposes.

A sensitivity of 0.1 nanoTesla (nT) allows for the mapping of very small inflections in the magnetic field, resulting in a contour map that is equal to or exceeds ground data in quality and accuracy.

The aeromagnetic data was corrected for diurnal variations by adjustment with the digitally recorded base station magnetic values. No correction for regional variation was applied. The corrected data was interpolated onto a regular grid at a 25 metre true scale interval using an Akima spline technique. This grid provided the basis for threading the presented contours at a 2 nT interval.

The contoured aeromagnetic data has been presented on a Cronaflex copy of the base map with flight lines.

4.3.2 Vertical Gradient Contour Map

The vertical magnetic gradient was calculated from the total field magnetic data. Contoured at a 0.2 Nt/m interval, the data was presented on a cronaflex copy of the base map with flight lines.

4.4 VLF-EM Total Field Contours

The VLF data was interpolated onto a regular grid at a 25 metre true scale interval using an Akima spline technique. This grid provided the basis for threading the contours at a 2% interval.

The VLF-EM signal from the line transmitting station was compiled as contours in map form on cronaflex copies of the base map with flight lines.

The VLF stations used were NPM, Lualualei, Hawaii, broadcasting at 23.4 kHz. and NSS, Annapolis, Md., broadcasting at 21.4 kHz. NPM was used as the line transmitting station and NSS was used as the orthogonal station.

Respectfully submitted,

Adriana Carbone

October 24, 1990

Adriana Carbone
Geologist

APPENDIX I

PERSONNEL

FIELD

Flown	August, 1990
Pilot	Bruce MacDonald
Operator	Joe Mercier

OFFICE

Processing	A. Carbone G. McDonald
Report	A. Carbone

APPENDIX II

GENERAL INTERPRETIVE CONSIDERATIONS

Magnetics

A digital base station magnetometer was used to detect fluctuations in the magnetic field during flight times. The airborne magnetic data was levelled by removing these diurnal changes. The Total Field Magnetic map shows the levelled magnetic contours, uncorrected for regional variation.

The Calculated Vertical Gradient map shows contours of the magnetic gradient as calculated from the total field magnetic data. The zero contour shows changes in the magnetic lithologies and will coincide closely with geologic contacts assuming a steeply dipping interface. Thus this data may be used as a pseudo-geologic map.

VLF Electromagnetics

The VLF-EM method employs the radiation from powerful military radio transmitters as the primary signals. The magnetic field associated with the primary field is elliptically polarized in the vicinity of electrical conductors. The Herz Totem uses three coils in the X, Y, Z configuration to measure the total field and vertical quadrature component of the polarization ellipse.

The relatively high frequency of VLF (15-25) kHz provides high response factors for bodies of low conductance. Relatively "disconnected" sulphide ores have been found to produce measurable VLF signals. For the same reason, poor conductors such as sheared contacts, breccia zones, narrow faults, alteration zones and porous flow tops normally produce VLF anomalies. The method can therefore be used effectively for geological mapping. The only relative disadvantage of the method lies in its sensitivity to conductive overburden. In conductive ground to depth of exploration is severely limited.

The effect of strike direction is important in the sense of the relation of the conductor axis relative to the energizing electromagnetic field. A conductor aligned along a radius drawn from a transmitting station will be in a maximum coupled orientation and thereby produce a stronger response than a similar conductor at a different strike angle. Theoretically, it would be possible for a conductor, oriented tangentially to the transmitter to produce no signal. The most obvious effect of the strike angle consideration is that conductors favourably oriented with respect to the transmitter location and also near perpendicular to the flight direction are most clearly rendered and usually dominate the map presentation.

The total field response is an indicator of the existence and position of a conductivity anomaly. The response will be a maximum over the conductor, without any special filtering, and strongly favour the upper edge of the conductor even in the case of a relatively shallow dip.

The vertical quadrature component over steeply dipping sheet-like conductor will be a cross-over type response with the cross-over closely associated with the upper edge of the conductor.

The response is a cross-over type due to the fact that it is the vertical rather than total field quadrature component that is measured. The response shape is due largely to geometrical rather than conductivity considerations and the distance between the maximum and minimum on either side of the cross-over is related to target depth. For a given target geometry, the larger this distance the greater the depth.

The amplitude of the quadrature response, as opposed to shape is function of target conductance and depth as well as the conductivity of the overburden and host rock. As the primary field travels down to the conductor through conductive material it is both attenuated and phase shifted in a negative sense. The secondary field produced by thisaltered field at the target also has an associated phase shift. This phase shift is positive and is larger for relatively poor conductors. This secondary field is attenuated and phase

shifted in a negative sense during return travel to the surface. The net effect of these 3 phase shifts determine the phase of the secondary field sensed at the receiver.

A relatively poor conductor in resistive ground will yield a net positive phase shift. A relatively good conductor in more conductive ground will yield a net negative phase shift. A combination is possible whereby the net phase shift is zero and the response is purely in-phase with no quadrature component.

A net positive phase shift combined with the geometrical cross-over shape will lead to a positive quadrature response on the side of approach and a negative on the side of departure. A net negative phase shift would produce the reverse. A further sign reversal occurs with a 180 degree change in instrument orientation as occurs on reciprocal line headings. During digital processing of the quadrature data for map presentation this is corrected for by normalizing the sign to one of the flight line headings.

APPENDIX 2

SOIL GEOCHEMISTRY: ANALYTICAL RESULTS

ACME AN TICAL LABORATORIES LTD. 852 E. HASTINGS ST. VER B.C. V6A 1R6 PHONE(604)253-3158 FAX( )253-1716

GEOCHEMICAL A LYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5375 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4100N 3025E	1	11	27	71	.3	24	12	699	3.16	3	5	ND	6	22	.7	4	2	32	.24	.176	8	14	.29	145	.17	4	5.57	.02	.08	2	2
4100N 3050E	1	13	19	119	.2	25	17	476	3.06	9	5	ND	6	13	.3	5	2	35	.12	.095	14	17	.36	151	.11	4	3.34	.01	.07	1	3
4100N 3075E	1	12	29	126	.2	26	15	801	2.78	8	5	ND	5	14	.5	3	2	32	.14	.063	14	15	.33	141	.10	3	3.27	.02	.08	1	2
4100N 3100E	1	30	39	172	.3	29	17	741	2.63	6	5	ND	4	11	.2	6	2	34	.08	.118	9	12	.23	143	.16	6	4.47	.02	.06	1	1
4100N 3125E	1	59	23	171	.2	27	16	998	2.57	10	5	ND	5	10	1.0	3	2	30	.10	.088	16	16	.35	136	.09	2	3.19	.01	.07	1	5
4100N 3150E	1	37	30	237	.4	27	16	555	2.71	11	5	ND	5	9	.5	5	2	35	.11	.098	13	15	.29	110	.11	4	3.68	.02	.07	1	1
4100N 3175E	1	47	28	292	.2	38	22	712	2.53	14	5	ND	5	12	.6	2	2	31	.14	.047	20	18	.40	137	.10	2	3.12	.02	.08	1	2
4100N 3200E	1	52	208	919	.5	45	18	654	2.80	41	5	ND	6	15	.5	6	4	34	.27	.062	21	23	.38	168	.07	7	3.04	.01	.11	1	140
4100N 3225E	1	20	76	404	.4	16	12	700	2.67	8	5	ND	4	11	1.4	4	2	37	.12	.102	9	12	.19	112	.13	3	3.36	.02	.07	1	5
4100N 3250E	1	27	61	305	.5	17	12	399	3.59	11	5	ND	3	12	.2	3	2	47	.14	.098	6	9	.13	101	.20	5	4.96	.03	.06	2	4
4100N 3275E	1	47	100	327	.4	21	15	893	3.02	12	5	ND	3	14	.7	3	3	39	.16	.125	7	10	.26	105	.15	2	4.60	.03	.06	1	23
4100N 3300E	1	16	96	357	.4	16	15	754	2.91	10	5	ND	4	12	.8	4	2	41	.14	.097	7	11	.14	91	.18	3	4.35	.02	.07	1	9
4100N 3325E	1	17	38	195	.3	19	12	386	2.97	7	5	ND	4	13	.2	3	2	44	.12	.036	13	13	.20	106	.10	3	2.92	.02	.08	1	30
4100N 3350E	1	17	44	158	.1	25	14	602	2.57	6	5	ND	5	17	.6	2	2	34	.15	.042	17	13	.27	148	.08	2	2.55	.01	.08	1	7
4100N 3375E	1	28	32	140	.2	25	14	639	2.48	6	5	ND	6	16	.2	2	2	27	.15	.049	23	15	.36	129	.07	2	2.43	.01	.09	1	15
4100N 3400E	1	29	32	121	.4	22	12	503	2.31	7	5	ND	6	19	.2	4	2	28	.18	.103	21	9	.20	129	.16	3	5.54	.03	.06	2	10
4100N 3425E	1	41	46	183	.2	22	10	204	2.27	8	5	ND	7	7	1.2	4	2	22	.08	.038	27	13	.43	76	.04	2	1.98	.01	.06	1	5
4100N 3450E	1	53	76	322	.5	24	17	952	2.24	9	5	ND	4	14	1.6	3	2	32	.14	.227	8	11	.14	114	.17	5	4.60	.02	.05	2	1
4100N 3475E	1	72	49	167	.4	16	9	253	1.88	9	5	ND	4	12	.6	4	2	33	.11	.047	20	15	.24	82	.05	3	1.65	.01	.05	1	1
4000N 3025E	1	8	20	54	.1	12	8	281	2.00	3	5	ND	5	11	.2	2	2	29	.12	.023	24	10	.24	92	.04	2	1.45	.01	.06	2	16
4000N 3050E	1	16	26	66	.1	18	10	327	2.35	8	5	ND	7	7	.7	2	2	22	.06	.044	30	14	.43	67	.05	2	1.70	.01	.06	1	8
4000N 3075E	1	39	30	143	.1	39	23	680	2.77	14	5	ND	4	13	.2	2	2	29	.17	.069	13	15	.29	100	.11	2	3.07	.02	.07	1	3
4000N 3100E	1	14	22	161	.1	20	12	461	1.64	8	5	ND	2	7	.3	2	2	22	.09	.067	7	7	.12	106	.09	2	1.89	.01	.04	1	1
4000N 3125E	1	15	28	173	.1	24	13	282	2.07	5	5	ND	2	8	.2	2	2	28	.11	.060	6	8	.13	67	.09	3	2.40	.01	.04	2	1
4000N 3150E	1	11	39	233	.3	28	21	554	2.66	12	5	ND	3	9	.9	2	2	36	.11	.058	15	17	.21	102	.08	2	2.60	.01	.06	1	3
4000N 3175E	1	38	28	255	.2	27	20	427	2.60	12	5	ND	3	10	.2	2	2	38	.09	.288	11	16	.14	113	.15	2	3.09	.02	.05	1	1
4000N 3200E	1	43	55	204	.6	34	15	222	2.94	16	5	ND	7	10	1.0	5	2	33	.07	.094	14	18	.26	102	.10	4	3.65	.02	.05	2	1
4000N 3225E	1	14	37	133	.3	20	11	363	3.04	7	5	ND	3	8	.3	2	2	39	.07	.146	10	12	.16	77	.12	3	4.01	.01	.06	1	1
4000N 3250E	1	18	32	116	.1	9	7	427	1.62	5	5	ND	1	13	.2	2	2	26	.16	.079	9	7	.17	93	.05	2	1.61	.01	.05	1	1
4000N 3275E	1	207	134	149	.8	29	15	414	3.70	20	5	ND	7	20	.7	3	3	57	.34	.057	34	23	.38	97	.06	2	2.81	.01	.08	2	22
4000N 3300E	1	27	36	218	.3	13	10	910	2.50	10	5	ND	3	15	.2	2	2	40	.20	.207	8	7	.15	107	.15	2	3.13	.02	.05	1	1
4000N 3325E	1	45	57	198	.9	27	14	351	3.16	8	5	ND	4	13	.3	3	2	40	.12	.060	12	12	.22	136	.11	4	4.54	.02	.07	1	1
4000N 3350E	1	23	43	118	.2	34	13	507	2.82	4	5	ND	5	32	.4	4	2	33	.33	.067	9	15	.23	161	.13	2	5.18	.03	.07	1	1
4000N 3375E	1	31	55	146	.3	20	11	502	3.23	3	5	ND	4	17	.9	2	2	41	.12	.108	16	14	.15	124	.11	3	3.36	.02	.06	1	5
4000N 3400E	1	52	69	174	.4	30	15	337	2.73	8	5	ND	6	19	.4	4	2	31	.18	.081	18	15	.30	130	.09	2	3.89	.02	.08	1	5
4000N 3425E	1	16	29	212	.2	20	13	1358	2.14	4	5	ND	3	10	.2	2	2	32	.08	.157	10	9	.12	133	.15	2	2.87	.02	.06	2	1
STANDARD C/AU-S	19	62	40	133	7.6	73	32	1058	3.97	40	16	7	37	53	18.4	15	20	57	.46	.096	38	59	.90	182	.07	33	1.90	.06	.13	13	50

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 18 1990 DATE REPORT MAILED: Oct 23/90. SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4000N 3450E	1	31	19	58	.2	17	5	214	2.12	15	5	ND	5	7	.2	2	2	30	.11	.024	22	19	.42	35	.02	2	1.14	.01	.03	1	18
4000N 3475E	1	23	30	129	.3	31	15	213	2.48	10	5	ND	4	11	1.1	2	2	33	.12	.061	10	16	.25	81	.10	6	3.83	.02	.05	2	15
4000N 3500E	1	27	26	130	.6	14	8	252	2.19	7	5	ND	2	10	.2	2	2	36	.13	.165	5	11	.09	66	.15	4	3.41	.02	.04	1	1
3900N 3025E	1	11	23	97	.1	23	14	325	2.83	6	5	ND	6	8	.5	2	2	32	.08	.047	17	14	.38	109	.08	2	2.51	.01	.07	1	10
3900N 3050E	1	10	42	168	.2	21	14	570	3.16	3	5	ND	5	9	.2	2	2	36	.08	.078	11	15	.26	102	.12	2	3.72	.02	.05	1	2
3900N 3075E	1	15	85	226	.3	20	15	341	2.47	9	5	ND	3	10	1.1	2	2	32	.11	.091	9	14	.18	90	.12	2	2.80	.01	.05	1	3
3900N 3100E	1	20	35	102	.4	20	14	561	1.95	9	5	ND	3	13	.6	2	2	32	.16	.057	13	13	.15	100	.09	3	2.02	.02	.04	1	2
3900N 3125E	1	16	23	106	.2	19	13	590	2.31	7	5	ND	6	9	.4	2	6	23	.09	.053	22	15	.34	108	.04	2	1.76	.01	.06	1	5
3900N 3150E	1	17	22	98	.3	19	10	406	2.31	8	5	ND	5	9	1.2	2	2	23	.11	.044	19	11	.28	90	.06	2	2.02	.01	.06	1	2
3900N 3175E	1	34	27	98	.2	34	13	699	2.92	10	5	ND	5	11	1.2	2	4	31	.13	.060	23	19	.31	113	.07	2	2.96	.01	.07	1	4
3900N 3200E	1	13	68	90	.3	17	9	508	2.78	12	5	ND	3	10	.2	2	3	39	.12	.070	12	10	.15	130	.12	2	2.31	.02	.05	2	1
3900N 3225E	1	27	101	65	.4	21	9	230	2.81	10	5	ND	5	10	1.3	2	2	30	.11	.037	17	12	.29	113	.08	3	2.74	.01	.06	2	5
3900N 3250E	2	28	39	63	.4	19	11	543	2.65	10	5	ND	5	9	.2	2	2	31	.09	.059	13	13	.21	111	.12	3	3.87	.02	.06	3	1
3900N 3275E	1	19	27	78	.2	17	12	376	3.15	5	5	ND	5	11	.7	2	2	31	.13	.051	15	14	.20	99	.08	2	3.04	.01	.06	1	11
3900N 3300E	1	62	38	169	.5	30	10	353	2.95	22	5	ND	5	22	.2	2	2	28	.30	.038	29	18	.35	133	.07	2	3.19	.01	.08	1	2
3900N 3325E	1	12	15	112	.3	13	7	99	2.31	4	5	ND	6	8	.4	2	2	18	.09	.038	17	10	.27	61	.06	2	2.90	.01	.04	2	8
3900N 3350E	1	9	19	94	.2	10	8	287	2.40	6	5	ND	5	6	.3	2	2	21	.07	.069	20	10	.31	83	.04	2	1.92	.01	.05	1	1
3900N 3375E	1	82	52	117	.4	30	13	991	3.00	9	5	ND	5	29	.7	2	2	32	.32	.055	52	18	.42	124	.06	2	3.36	.02	.08	1	1
3900N 3400E	1	82	64	100	.4	35	13	1390	2.88	6	5	ND	5	36	.8	2	2	33	.34	.046	64	22	.45	134	.05	2	3.43	.02	.08	1	1
3900N 3425E	2	215	110	99	.5	42	20	2094	3.41	11	5	ND	5	41	1.3	4	3	36	.39	.062	96	23	.39	158	.07	2	4.76	.02	.10	1	13
3900N 3450E	1	169	66	108	.4	44	18	905	2.84	16	5	ND	5	25	.2	2	2	30	.29	.042	71	22	.46	123	.05	2	3.15	.01	.09	1	16
3900N 3475E	1	53	34	54	.2	14	5	193	1.24	3	5	ND	2	19	.2	2	2	21	.20	.028	40	7	.13	101	.06	2	1.29	.02	.05	1	2
3900N 3500E	2	52	35	64	.4	14	5	124	3.10	14	5	ND	4	12	.2	2	2	47	.12	.040	11	15	.12	58	.13	2	3.45	.02	.05	2	2
3800N 3025E	1	15	21	83	.2	10	4	89	2.34	5	5	ND	6	8	1.1	2	2	20	.07	.020	25	8	.21	79	.02	2	1.74	.01	.04	1	50
3800N 3050E	2	18	27	147	.3	15	8	618	4.11	10	5	ND	7	12	1.0	2	2	30	.11	.139	18	14	.27	130	.07	2	2.55	.01	.06	1	5
3800N 3075E	1	13	27	135	.3	13	6	232	4.26	9	5	ND	6	14	.5	2	2	30	.14	.097	18	16	.24	80	.05	4	2.40	.01	.05	1	1
3800N 3100E	1	12	20	126	.2	13	5	214	2.84	8	5	ND	6	12	.2	2	3	25	.08	.097	13	10	.20	109	.07	2	3.11	.01	.04	1	1
3800N 3125E	1	22	22	81	.2	21	15	418	2.71	6	5	ND	7	14	.2	2	2	14	.07	.038	28	12	.41	95	.02	3	1.82	.01	.04	1	8
3800N 3150E	1	24	35	97	.1	25	20	834	2.84	8	5	ND	7	11	.4	2	2	14	.05	.048	28	15	.42	76	.02	3	2.21	.01	.05	1	7
3800N 3175E	1	34	37	100	.4	28	20	998	2.99	11	5	ND	6	22	1.2	2	2	15	.12	.067	37	15	.43	110	.02	2	2.43	.01	.06	1	5
3800N 3200E	1	26	31	103	.2	21	16	1147	2.77	10	5	ND	5	32	.5	2	2	15	.18	.060	35	16	.42	170	.01	2	2.13	.01	.06	1	4
3800N 3225E	1	22	39	101	.1	20	15	969	2.71	8	5	ND	4	25	.5	7	3	15	.19	.081	34	14	.40	139	.01	2	1.85	.01	.06	1	3
3800N 3250E	1	24	36	107	.1	20	15	877	2.67	9	5	ND	5	14	.5	2	2	16	.09	.034	37	14	.39	103	.02	2	2.02	.01	.05	1	10
3800N 3275E	1	25	33	100	.2	17	14	1582	2.60	5	5	ND	3	13	.9	2	2	16	.10	.052	34	14	.37	109	.02	2	1.92	.01	.06	1	7
3800N 3300E	1	22	27	100	.2	17	11	416	3.16	7	5	ND	4	7	1.0	2	2	16	.04	.051	30	15	.40	85	.02	2	1.94	.01	.06	1	5
3800N 3325E	1	28	23	83	.1	22	10	560	2.58	8	5	ND	3	15	.6	2	2	14	.08	.055	33	13	.42	80	.02	2	1.97	.01	.05	1	4
STANDARD C/AU-S	19	62	42	133	7.3	73	31	1058	3.98	38	15	7	38	52	18.8	15	22	57	.46	.094	39	59	.90	183	.07	32	1.90	.06	.14	11	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
3800N 3350E	1	27	32	80	.2	19	12	630	2.64	11	5	ND	4	12	.4	2	2	14	.07	.051	32	11	.38	79	.02	3	1.72	.01	.06	1	24
3800N 3375E	1	23	25	68	.2	17	14	677	2.42	8	5	ND	3	23	.3	2	2	12	.14	.060	38	10	.36	91	.02	3	1.61	.01	.05	1	16
3800N 3450E	1	22	46	86	.1	17	15	293	4.19	20	5	ND	13	12	.4	3	2	19	.09	.032	27	14	.37	61	.02	2	2.07	.01	.05	1	18
3800N 3475E	1	5	11	47	.1	5	2	83	1.41	2	5	ND	2	12	.3	2	2	21	.10	.015	22	8	.12	56	.03	4	.68	.01	.03	1	3
3800N 3500E	1	10	2	95	.1	10	8	763	2.24	8	5	ND	5	7	.3	2	2	23	.05	.126	12	11	.26	61	.08	2	3.62	.01	.04	1	1
3700N 3025E	1	13	2	67	.4	8	5	330	2.65	9	5	ND	4	8	.2	2	2	41	.05	.093	6	11	.09	60	.12	3	5.29	.02	.03	1	1
3700N 3050E	1	15	6	81	.2	11	6	313	3.24	14	5	ND	8	6	.2	2	2	33	.04	.067	14	14	.20	64	.06	2	3.98	.01	.05	1	1
3700N 3075E	1	13	22	65	.1	10	4	165	2.87	10	5	ND	7	5	.2	2	2	22	.02	.039	30	12	.27	38	.03	2	1.47	.01	.03	1	6
3700N 3100E	1	15	2	47	.7	8	5	285	2.24	5	5	ND	6	7	.4	2	2	28	.05	.093	6	10	.10	42	.10	2	5.55	.01	.04	2	3
3700N 3125E	1	23	10	41	.5	8	8	570	2.48	6	5	ND	6	6	.2	2	2	27	.03	.128	6	12	.09	33	.12	3	7.49	.02	.02	5	2
3700N 3150E	1	9	5	48	.1	9	4	177	2.83	5	5	ND	7	6	.2	2	2	31	.04	.078	10	13	.13	45	.08	2	3.58	.01	.02	1	2
3700N 3175E	1	22	2	60	.4	15	8	152	2.71	11	5	ND	9	8	.2	2	2	27	.04	.086	9	11	.21	53	.09	2	4.16	.02	.03	1	3
3700N 3200E	1	18	8	67	.4	11	10	1209	2.78	13	5	ND	7	7	.2	2	2	30	.04	.176	6	12	.10	47	.11	3	6.80	.02	.03	3	1
3700N 3225E	1	18	12	97	.1	17	6	292	3.06	10	5	ND	11	5	.3	3	2	20	.03	.095	20	15	.27	60	.03	3	3.16	.01	.04	1	1
3700N 3250E	1	17	2	63	.4	8	7	617	2.27	5	5	ND	4	8	.3	2	2	29	.06	.157	6	10	.08	43	.12	3	5.87	.02	.03	2	2
3700N 3275E	1	16	4	74	.6	13	6	555	2.60	9	5	ND	5	7	.2	2	2	27	.05	.200	12	11	.15	103	.10	2	3.93	.01	.04	1	4
3700N 3300E	1	32	22	72	.3	20	6	187	2.75	17	5	ND	2	19	.2	2	2	22	.11	.068	28	20	.30	98	.04	2	2.27	.01	.07	1	4
3700N 3325E	1	20	8	54	.2	13	5	197	2.19	10	5	ND	6	7	.2	2	2	18	.04	.050	15	11	.21	58	.04	2	2.77	.01	.04	1	14
3700N 3375E	1	13	8	38	.3	8	4	194	1.57	2	12	ND	6	5	.2	2	2	15	.03	.045	13	7	.14	38	.03	2	2.33	.01	.06	2	81
3700N 3400E	1	10	14	42	.1	12	6	136	2.56	6	5	ND	4	10	.2	2	2	16	.08	.032	21	12	.46	61	.02	2	1.66	.01	.03	1	15
3700N 3425E	1	16	18	48	.1	15	8	173	3.42	12	5	ND	7	10	.2	2	2	20	.09	.032	23	16	.54	73	.02	2	2.00	.01	.04	1	8
3700N 3450E	1	15	13	51	.2	13	7	171	1.55	6	5	ND	2	16	.2	2	2	12	.18	.051	24	10	.51	77	.02	2	1.50	.01	.04	1	5
3700N 3475E	1	13	11	56	.1	16	9	185	1.93	6	5	ND	3	12	.2	2	2	13	.12	.055	21	12	.60	49	.02	3	1.50	.01	.04	1	7
STANDARD C/AU-S	18	60	37	131	7.0	73	31	1051	3.95	43	21	7	39	53	19.8	15	24	60	.45	.095	40	61	.89	179	.08	35	1.89	.06	.14	12	54

ACME NA ICAL LABORATORIES LTD. 852 E. HASTINGS ST. V UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6 25 16

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5374 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L4100N 2500E	1	25	34	149	.3	21	11	284	3.30	15	5	ND	11	9	.3	2	2	22	.04	.048	19	14	.38	102	.06	2	3.28	.01	.06	1	4
L4100N 2525E	1	22	135	324	.3	20	15	578	4.58	24	5	ND	12	8	.5	2	2	34	.05	.047	20	17	.35	124	.05	2	2.77	.01	.07	1	3
L4100N 2550E	1	24	135	375	.4	27	15	736	3.76	21	5	ND	12	13	.6	2	2	25	.12	.051	17	15	.34	145	.07	2	3.78	.01	.08	1	6
L4100N 2575E	1	20	100	262	.1	15	12	554	3.55	13	5	ND	7	12	.7	2	2	27	.08	.033	18	12	.22	113	.05	2	2.32	.01	.05	1	2
L4100N 2600E	1	26	75	578	.3	62	19	450	3.74	9	5	ND	9	25	.7	2	2	25	.13	.033	16	14	.30	176	.06	2	3.58	.01	.06	1	5
L4100N 2625E	1	17	31	162	.3	24	15	304	3.11	10	5	ND	10	10	.4	2	2	20	.05	.046	15	14	.28	122	.06	2	4.43	.01	.07	1	8
L4100N 2650E	1	14	23	95	.1	11	9	757	3.05	10	5	ND	6	10	.3	2	2	25	.04	.026	22	12	.20	96	.04	2	1.83	.01	.06	1	1
L4100N 2675E	1	15	20	101	.1	14	9	617	2.98	8	5	ND	6	9	.2	2	2	15	.04	.032	28	11	.30	88	.02	2	1.68	.01	.05	1	1
L4100N 2700E	1	17	30	151	.1	22	10	277	3.34	14	5	ND	7	9	.3	2	2	18	.04	.042	22	12	.30	138	.03	2	2.48	.01	.05	1	2
L4100N 2725E	1	16	23	94	.1	16	10	536	2.82	8	5	ND	6	7	.2	2	2	18	.04	.033	23	10	.27	95	.04	2	2.17	.01	.05	1	16
L4100N 2750E	1	18	24	99	.1	16	13	483	2.74	14	5	ND	7	8	.3	2	2	22	.04	.041	17	12	.23	105	.04	2	2.97	.02	.05	1	3
L4100N 2775E	1	22	21	84	.1	15	6	161	3.25	10	5	ND	9	5	.2	2	2	10	.03	.033	29	11	.35	57	.01	2	1.39	.01	.03	1	6
L4100N 2800E	1	17	23	83	.1	15	7	122	3.16	17	5	ND	10	5	.2	2	2	13	.02	.036	31	11	.32	54	.02	2	1.59	.01	.04	1	5
L4100N 2825E	1	15	22	102	.3	14	13	1238	2.91	9	5	ND	6	11	.3	3	2	24	.07	.083	15	13	.26	106	.07	2	3.03	.01	.06	1	6
L4100N 2850E	1	11	20	53	.1	10	5	87	3.64	5	5	ND	6	9	.2	2	2	26	.06	.042	19	12	.19	75	.05	2	2.07	.01	.04	1	20
L4100N 2875E	1	15	18	84	.1	14	11	596	2.74	9	5	ND	8	8	.2	2	2	29	.04	.069	13	12	.19	106	.08	2	2.85	.02	.05	1	4
L4100N 2900E	1	31	15	63	.1	15	9	211	3.62	6	5	ND	7	7	.2	2	2	45	.05	.040	25	13	.53	79	.03	2	1.94	.01	.05	1	47
L4100N 2925E	1	15	13	56	.1	12	7	142	3.44	6	5	ND	5	8	.2	2	2	57	.07	.044	15	13	.34	68	.10	2	2.23	.02	.03	1	4
L4100N 2950E	1	13	16	69	.1	13	9	285	2.68	9	5	ND	6	12	.2	2	2	31	.09	.075	12	13	.23	101	.08	2	2.61	.02	.05	1	3
L4100N 2975E	1	19	12	65	.1	18	13	680	3.01	6	5	ND	8	14	.3	2	2	31	.10	.058	24	14	.45	182	.08	2	3.22	.02	.06	1	5
L4100N 3000E	1	10	22	73	.1	17	15	2165	3.11	6	5	ND	8	11	.3	2	2	26	.10	.057	23	14	.52	130	.05	2	2.29	.01	.07	1	5
L4000N 2500E	1	15	33	218	.1	28	12	260	3.46	7	5	ND	9	10	.2	2	2	24	.07	.033	20	13	.29	86	.06	2	2.89	.01	.06	1	1
L4000N 2525E	1	26	137	362	.3	28	27	2102	3.66	14	5	ND	8	10	.7	2	2	25	.06	.034	27	14	.30	112	.05	2	2.36	.01	.08	1	24
L4000N 2550E	1	13	60	280	.1	21	13	1310	3.49	15	5	ND	8	8	.4	2	2	24	.06	.026	24	13	.30	128	.04	2	2.10	.01	.07	1	1
L4000N 2575E	1	27	78	443	.4	30	15	533	3.53	6	5	ND	12	12	.7	2	2	27	.07	.034	20	13	.31	146	.09	2	3.70	.01	.07	1	5
L4000N 2600E	1	19	68	408	.2	22	13	554	3.13	9	5	ND	6	10	.6	2	2	25	.06	.040	19	12	.27	130	.08	2	3.21	.01	.04	1	1
L4000N 2625E	1	13	39	149	.2	12	10	743	2.81	10	5	ND	5	8	.3	2	2	30	.04	.030	12	10	.16	89	.09	2	2.52	.01	.06	1	14
L4000N 2650E	1	23	23	81	.1	19	10	265	2.79	12	5	ND	9	5	.2	2	2	12	.02	.022	27	10	.33	85	.03	2	1.93	.01	.06	1	2
L4000N 2675E	1	15	21	98	.1	17	9	345	2.92	12	5	ND	7	8	.2	2	2	18	.03	.032	20	11	.26	108	.03	2	2.09	.01	.06	1	6
L4000N 2700E	1	19	24	116	.2	17	12	1083	2.60	10	5	ND	7	16	.3	2	2	22	.09	.036	18	10	.22	156	.08	2	2.68	.01	.06	1	7
L4000N 2725E	1	15	28	180	.1	16	8	265	2.55	6	5	ND	6	9	.2	2	2	22	.05	.025	16	10	.20	89	.05	2	2.17	.01	.05	1	3
L4000N 2750E	1	19	22	114	.1	18	9	238	2.80	13	5	ND	7	6	.2	2	2	18	.04	.029	22	11	.31	85	.05	2	2.09	.01	.04	1	3
L4000N 2775E	1	15	24	154	.1	15	8	259	3.18	11	5	ND	5	15	.3	2	2	29	.12	.043	13	11	.16	74	.07	2	2.98	.02	.05	1	1
L4000N 2800E	1	14	15	97	.1	15	11	192	2.38	11	5	ND	5	9	.2	2	2	20	.06	.045	15	10	.23	89	.06	2	3.05	.01	.04	1	7
L4000N 2825E	1	20	23	79	.1	14	8	191	2.80	15	5	ND	8	6	.2	2	2	14	.02	.030	28	10	.29	71	.02	2	1.71	.01	.06	1	4
L4000N 2850E	1	18	25	88	.1	14	8	245	3.60	8	5	ND	6	5	.2	2	2	26	.02	.044	22	14	.33	81	.04	2	2.05	.01	.06	1	3
STANDARD C/AU-S	18	59	38	132	7.0	73	31	1051	3.94	43	22	7	40	52	19.4	15	19	58	.45	.093	39	60	.89	183	.07	34	1.92	.06	.13	12	50

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 17 1990 DATE REPORT MAILED: Oct 23/90 . SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L4000N 2875E	1	11	17	47	.2	7	4	86	2.38	7	5	ND	5	5	.2	2	2	28	.04	.025	19	11	.18	64	.04	2	1.76	.01	.04	1	2
L4000N 2900E	1	10	12	45	.1	10	5	89	2.26	2	5	ND	6	8	.2	2	2	29	.15	.013	26	11	.33	86	.04	2	1.57	.01	.04	1	8
L4000N 2925E	1	20	19	44	.3	18	9	102	2.82	9	5	ND	8	15	.2	2	2	31	.18	.027	11	12	.23	150	.11	2	4.77	.02	.06	1	2
L4000N 2950E	1	15	9	44	.1	9	7	222	2.17	2	5	ND	5	9	.2	2	2	34	.11	.042	14	10	.18	110	.06	2	2.26	.01	.05	1	5
L4000N 2975E	1	19	16	72	.1	19	12	196	2.65	15	5	ND	8	10	.2	2	2	24	.10	.046	20	12	.51	93	.06	2	2.47	.01	.06	1	7
L4000N 3000E	1	18	16	55	.2	18	13	295	2.82	12	5	ND	8	8	.2	2	2	25	.06	.040	21	13	.41	118	.06	2	2.41	.01	.07	1	7
L3900N 2500E	1	10	28	113	.4	13	10	212	3.20	16	5	ND	7	6	.2	2	2	29	.04	.045	14	13	.23	87	.07	2	3.16	.01	.05	1	3
L3900N 2525E	1	7	21	69	.1	9	5	178	2.19	14	5	ND	6	5	.2	2	2	27	.03	.020	24	10	.20	64	.04	2	1.56	.01	.04	1	1
L3900N 2550E	1	14	28	101	.1	14	9	209	2.74	11	5	ND	8	4	.2	2	2	14	.02	.028	27	11	.39	72	.02	2	1.62	.01	.05	1	47
L3900N 2575E	1	12	22	94	.1	13	7	195	2.68	7	5	ND	7	5	.2	2	2	16	.02	.024	27	11	.36	65	.02	2	1.46	.01	.05	1	6
L3900N 2600E	1	20	30	98	.1	16	8	251	2.56	14	5	ND	9	8	.2	2	2	16	.08	.031	24	10	.38	82	.03	2	1.87	.01	.07	1	8
L3900N 2625E	1	17	34	87	.1	14	7	217	2.54	7	5	ND	9	8	.2	2	2	18	.08	.027	26	9	.36	82	.03	2	1.86	.01	.07	1	8
L3900N 2650E	1	16	80	133	.1	14	6	146	3.15	13	5	ND	8	7	.2	2	2	20	.05	.026	26	10	.35	72	.03	2	1.76	.01	.05	1	6
L3900N 2675E	1	16	89	156	.2	16	7	197	3.18	11	5	ND	9	8	.2	2	2	20	.06	.031	22	10	.33	78	.03	2	2.04	.01	.06	1	1
L3900N 2700E	1	16	103	187	.2	19	9	236	3.18	13	5	ND	9	9	.2	3	2	21	.06	.037	20	11	.33	87	.05	2	2.69	.01	.07	1	3
L3900N 2725E	1	17	93	185	.2	18	8	200	3.81	15	5	ND	8	12	.2	2	2	23	.09	.040	20	12	.36	90	.04	2	2.49	.01	.07	1	33
L3900N 2750E	1	9	26	99	.2	11	6	477	2.98	7	5	ND	6	10	.2	2	2	30	.08	.034	17	11	.20	99	.07	2	1.87	.01	.07	1	1
L3900N 2775E	1	12	20	78	.2	13	5	188	2.52	7	5	ND	8	4	.2	2	2	16	.02	.025	27	11	.36	66	.02	2	1.48	.01	.05	1	1
L3900N 2800E	1	18	35	112	.3	14	9	568	2.98	10	5	ND	9	8	.2	2	2	15	.03	.024	27	11	.26	118	.01	2	1.62	.01	.09	1	3
L3900N 2825E	1	17	36	150	.3	19	15	529	3.26	16	5	ND	9	9	.2	3	2	20	.04	.047	22	12	.26	120	.04	2	2.65	.01	.07	1	2
L3900N 2850E	1	17	29	146	.2	13	8	146	3.40	14	5	ND	8	10	.2	3	2	23	.04	.075	18	14	.21	93	.05	2	3.64	.01	.05	1	1
L3900N 2875E	1	10	30	87	.3	11	5	191	2.87	10	5	ND	7	8	.2	2	2	23	.04	.057	18	11	.26	71	.04	2	2.17	.01	.05	1	4
L3900N 2900E	1	17	29	87	.2	14	7	145	2.79	11	5	ND	8	5	.2	2	2	20	.04	.037	22	12	.30	65	.03	2	2.21	.01	.05	1	5
L3900N 2925E	1	18	9	43	.1	13	7	95	2.30	4	5	ND	7	8	.2	2	2	27	.06	.022	25	10	.33	83	.03	2	1.39	.01	.05	1	4
L3900N 2950E	1	22	12	43	.1	13	7	136	2.50	8	5	ND	8	6	.2	2	2	20	.07	.019	36	11	.45	59	.03	2	1.34	.01	.04	1	2
L3900N 2975E	1	17	16	52	.1	19	13	218	3.05	12	5	ND	7	10	.2	2	2	33	.11	.051	16	13	.39	96	.08	2	3.22	.01	.08	1	18
L3900N 3000E	1	16	15	76	.1	15	11	446	2.57	7	5	ND	4	11	.2	2	2	37	.13	.048	16	12	.27	139	.09	2	2.14	.01	.06	1	4
L3800N 2500E	1	12	24	86	.1	10	7	226	3.01	12	5	ND	6	7	.2	3	2	32	.05	.036	18	11	.20	78	.06	2	2.29	.01	.04	1	1
L3800N 2525E	1	5	20	79	.1	9	6	174	2.52	6	6	ND	7	6	.2	2	2	28	.03	.033	15	10	.17	68	.06	2	2.21	.01	.05	1	1
L3800N 2550E	1	12	27	106	.4	10	5	269	2.44	9	5	ND	5	10	.2	2	2	22	.07	.039	19	10	.20	90	.04	2	1.94	.01	.06	1	3
L3800N 2575E	1	11	28	97	.2	9	5	264	2.39	8	5	ND	5	8	.2	2	2	23	.06	.034	20	10	.20	86	.04	2	1.60	.01	.05	1	4
L3800N 2600E	1	7	25	90	.3	8	5	225	2.18	7	5	ND	5	9	.2	2	2	21	.07	.030	20	9	.18	78	.04	2	1.56	.01	.05	1	1
L3800N 2625E	1	12	26	106	.3	10	5	226	2.38	5	5	ND	6	10	.2	2	2	22	.08	.037	19	9	.20	86	.04	2	1.87	.01	.06	1	1
L3800N 2650E	1	18	31	117	.1	14	6	116	3.93	18	5	ND	11	6	.2	2	2	24	.04	.052	18	13	.24	58	.05	2	3.09	.01	.05	1	1
L3800N 2675E	1	15	29	114	.1	13	6	121	3.73	15	5	ND	10	7	.2	2	2	27	.05	.056	16	13	.22	65	.06	2	3.12	.01	.05	1	5
L3800N 2700E	1	17	32	122	.1	14	7	112	3.73	14	5	ND	11	7	.2	2	2	23	.04	.053	16	13	.23	61	.06	2	3.35	.01	.06	1	20
STANDARD C/AU-S	18	57	39	130	7.1	72	31	1052	3.95	42	21	7	40	53	19.9	15	20	59	.46	.097	40	61	.89	188	.07	32	1.90	.06	.13	13	55

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3800N 2725E	1	16	38	127	.1	15	6	117	3.79	15	5	ND	9	6	.3	3	2	23	.04	.057	15	12	.24	50	.06	2	2.94	.01	.04	1	6
L3800N 2750E	1	16	36	115	.2	15	7	109	3.59	14	5	ND	9	6	.2	2	2	22	.04	.056	15	12	.23	52	.06	2	3.01	.01	.04	1	3
L3800N 2775E	1	11	35	111	.2	13	6	126	3.31	12	5	ND	8	6	.2	4	2	25	.04	.060	11	12	.16	56	.07	2	3.24	.01	.04	1	3
L3800N 2800E	1	4	17	48	.1	5	2	59	2.55	2	5	ND	4	7	.2	3	2	28	.07	.033	28	7	.12	41	.02	2	1.13	.01	.03	1	4
L3800N 2825E	1	7	20	52	.1	7	3	109	3.76	6	5	ND	5	5	.2	3	2	33	.04	.048	22	9	.16	40	.03	2	1.39	.01	.05	1	3
L3800N 2850E	1	6	33	67	.1	7	3	231	4.28	9	5	ND	6	7	.2	3	2	34	.07	.056	21	11	.15	55	.02	2	1.65	.01	.06	1	4
L3800N 2875E	1	10	35	75	.2	9	4	95	4.69	6	5	ND	8	5	.2	3	2	26	.03	.067	16	13	.18	49	.03	8	2.48	.01	.05	1	15
L3800N 2900E	1	8	12	43	.1	6	3	135	1.21	4	5	ND	4	16	.2	2	2	14	.12	.013	23	5	.12	95	.02	2	.74	.01	.03	1	1
L3800N 2925E	1	19	21	65	.1	17	10	310	3.31	10	5	ND	12	7	.2	2	2	11	.03	.019	29	11	.53	43	.01	2	1.26	.01	.11	1	3
L3800N 2950E	1	5	10	37	.1	4	2	32	1.07	3	5	ND	5	9	.2	2	2	12	.07	.014	28	4	.12	37	.01	2	.64	.01	.05	1	1
L3800N 2975E	1	20	33	89	.1	17	13	312	2.97	11	5	ND	8	24	.2	2	2	13	.18	.036	22	9	.37	75	.02	2	1.28	.01	.05	1	13
L3800N 3000E	1	19	35	71	.1	20	12	267	3.04	10	5	ND	11	24	.2	2	2	15	.16	.030	29	10	.44	75	.02	2	1.38	.01	.07	1	9
L3700N 2500E	2	13	97	319	.1	22	8	204	3.36	12	5	ND	10	8	.2	3	2	23	.07	.037	21	11	.38	87	.05	2	2.19	.01	.07	1	9
L3700N 2525E	2	36	279	846	.2	86	36	1888	3.54	16	5	ND	9	19	1.2	5	2	22	.13	.051	38	15	.42	136	.04	2	3.36	.01	.09	1	5
L3700N 2550E	2	33	110	356	.4	25	14	740	3.63	18	5	ND	8	6	.2	2	2	18	.04	.088	22	10	.40	60	.04	2	1.76	.01	.07	1	19
L3700N 2575E	2	11	85	366	.2	16	14	1976	3.06	11	5	ND	8	20	.7	3	2	29	.15	.045	20	11	.28	221	.06	2	1.92	.01	.08	1	29
L3700N 2600E	1	20	82	319	.1	23	13	545	2.77	16	5	ND	6	11	.2	5	2	30	.06	.047	10	11	.26	128	.13	6	3.53	.02	.06	1	5
L3700N 2625E	1	19	59	267	.2	22	14	335	2.90	15	5	ND	9	10	.4	2	2	24	.07	.046	13	12	.32	118	.10	2	3.37	.01	.06	1	7
L3700N 2650E	1	19	59	269	.1	25	13	343	3.09	15	5	ND	9	9	.2	2	2	22	.07	.042	16	11	.32	105	.08	2	3.00	.01	.07	1	8
L3700N 2675E	1	10	41	254	.1	24	13	1118	2.88	13	5	ND	6	16	.5	3	2	28	.16	.053	11	12	.28	133	.11	4	3.05	.02	.11	1	3
L3700N 2700E	1	14	60	152	.1	21	14	965	2.91	16	5	ND	8	9	.2	3	2	24	.08	.044	20	10	.33	102	.04	2	1.77	.01	.09	1	5
L3700N 2725E	1	11	31	104	.3	14	11	981	2.36	9	6	ND	4	22	.2	4	2	26	.17	.040	16	10	.24	179	.07	2	2.02	.02	.07	1	10
L3700N 2750E	1	10	36	169	.2	23	14	446	2.72	19	5	ND	6	17	.3	3	2	26	.15	.066	9	10	.26	115	.12	2	4.06	.02	.07	1	3
L3700N 2775E	1	3	32	87	.2	9	4	116	2.77	3	5	ND	4	15	.2	2	2	43	.09	.026	15	8	.16	82	.10	2	1.35	.02	.05	1	9
L3700N 2800E	1	10	33	124	.1	16	11	397	2.83	8	5	ND	6	11	.2	2	2	26	.07	.059	10	10	.22	111	.09	2	3.47	.01	.05	1	9
L3700N 2825E	2	15	24	85	.1	11	6	279	2.71	18	5	ND	7	7	.2	6	2	25	.05	.040	17	11	.17	99	.05	2	2.53	.01	.04	1	4
L3700N 2850E	1	10	29	81	.2	10	5	191	2.77	11	5	ND	5	9	.2	3	2	28	.07	.036	21	9	.19	70	.04	2	1.70	.01	.05	1	1
L3700N 2875E	1	14	33	106	.2	15	10	254	2.78	13	5	ND	5	7	.2	2	2	30	.03	.054	11	9	.13	89	.11	2	3.72	.02	.04	1	4
L3700N 2900E	1	9	27	115	.2	12	10	985	2.73	13	5	ND	5	8	.3	2	2	29	.06	.107	6	9	.11	86	.10	3	4.80	.02	.04	1	1
L3700N 2925E	1	12	27	101	.4	11	8	312	2.85	14	5	ND	5	5	.2	2	2	29	.03	.098	4	10	.12	61	.09	2	4.47	.02	.04	1	1
L3700N 2950E	1	23	38	98	.3	8	5	259	3.35	19	5	ND	7	9	.2	3	2	28	.09	.081	10	14	.11	79	.05	2	3.26	.01	.05	1	1
L3700N 2975E	1	14	17	69	.5	11	7	316	2.24	17	5	ND	4	6	.3	3	2	28	.04	.099	4	7	.10	45	.14	4	5.81	.02	.03	1	1
L3700N 3000E	1	11	21	89	.5	10	8	527	2.69	13	5	ND	6	5	.2	3	3	27	.03	.086	4	11	.09	60	.08	4	5.36	.02	.04	1	1
L3600N 2500E	1	14	55	167	.2	14	10	677	2.39	10	5	ND	4	16	.3	2	2	28	.11	.069	13	11	.20	126	.07	2	2.62	.02	.06	1	4
L3600N 2525E	1	13	57	196	.3	15	11	1109	2.34	16	5	ND	4	17	.2	2	2	27	.12	.088	10	10	.20	120	.09	2	3.11	.02	.06	1	1
L3600N 2550E	1	12	57	206	.4	15	11	1032	2.35	12	5	ND	4	16	.4	4	2	25	.12	.089	9	10	.19	113	.09	2	3.14	.02	.06	1	3
STANDARD C/AU-S	19	57	39	131	7.0	72	31	1054	3.96	41	20	7	39	52	18.6	14	22	56	.46	.098	36	55	.90	182	.08	33	1.89	.06	.13	11	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3600N 2575E	1	12	30	80	.1	9	5	647	1.88	2	5	ND	3	14	.2	2	2	20	.09	.026	24	9	.29	134	.03	4	1.09	.01	.06	1	10
L3600N 2600E	1	11	34	87	.1	10	6	814	2.04	2	5	ND	3	14	.5	2	2	21	.09	.036	23	10	.29	138	.03	4	1.12	.01	.07	1	1
L3600N 2625E	1	12	30	90	.1	11	6	396	2.22	4	5	ND	4	12	.2	3	2	21	.08	.028	24	10	.35	103	.03	3	1.15	.01	.06	1	1
L3600N 2650E	1	10	41	69	.1	14	10	130	3.04	6	6	ND	7	10	.2	2	2	30	.06	.097	7	11	.17	80	.11	3	4.01	.02	.05	1	2
L3600N 2675E	1	12	21	80	.4	12	5	195	3.07	10	6	ND	6	13	.4	4	2	30	.07	.162	14	9	.18	76	.14	3	3.95	.02	.05	1	1
L3600N 2700E	1	11	39	69	.3	14	10	128	2.84	9	5	ND	7	10	.2	2	2	29	.06	.093	8	10	.15	81	.11	4	4.61	.02	.04	1	3
L3600N 2725E	1	9	43	70	.4	12	8	122	2.85	7	8	ND	6	11	.2	3	2	29	.06	.084	8	11	.15	81	.09	7	3.48	.02	.04	1	1
L3600N 2750E	1	10	34	67	.3	9	6	725	2.39	5	7	ND	5	11	.2	2	2	27	.06	.097	17	9	.15	83	.13	2	2.72	.02	.04	1	19
L3600N 2775E	1	10	29	56	.4	11	5	454	2.68	8	8	ND	5	12	.2	3	2	27	.07	.138	17	8	.16	78	.13	2	3.46	.02	.04	1	1
L3600N 2800E	1	12	20	66	.2	11	5	315	2.63	7	5	ND	5	13	.3	2	2	26	.07	.141	15	9	.17	78	.12	5	3.46	.02	.04	1	1
L3600N 2825E	1	11	37	92	.5	12	5	182	3.63	9	8	ND	6	16	.2	4	2	40	.10	.220	10	12	.18	98	.13	3	3.36	.02	.05	1	2
L3600N 2850E	1	13	34	85	.8	13	5	180	3.03	5	9	ND	7	16	.3	2	2	28	.10	.196	8	9	.17	73	.12	2	4.27	.02	.04	1	1
L3600N 2875E	1	9	14	61	.3	6	3	219	2.59	5	8	ND	5	4	.3	2	2	27	.02	.137	8	10	.09	46	.06	2	3.98	.02	.03	1	3
L3600N 2900E	1	6	12	81	.5	8	3	107	2.67	6	5	ND	5	7	.2	2	2	22	.04	.122	11	9	.14	48	.05	2	2.66	.01	.04	1	1
L3600N 2925E	1	8	19	87	.4	10	4	99	2.50	7	7	ND	7	5	.2	3	2	20	.02	.080	19	11	.23	72	.03	2	2.36	.01	.05	1	1
L3600N 2950E	1	9	16	61	.8	8	3	217	3.13	9	6	ND	7	5	.2	3	2	31	.03	.170	4	12	.08	37	.11	4	6.71	.02	.02	2	1
L3600N 2975E	2	12	13	51	.3	7	3	142	2.91	13	5	ND	5	6	.6	2	2	37	.04	.136	4	11	.08	25	.15	2	6.72	.02	.02	3	1
L3600N 3000E	1	11	10	39	.5	6	3	127	2.34	8	6	ND	4	6	.3	2	2	33	.03	.113	5	9	.07	44	.12	2	5.06	.02	.03	1	1
L3600N 3025E	1	3	22	38	.1	4	1	36	1.72	3	5	ND	4	3	.2	2	2	22	.01	.019	20	7	.11	33	.03	2	1.45	.01	.03	1	1
L3600N 3050E	1	2	18	39	.3	4	2	64	2.21	5	5	ND	3	4	.2	2	2	36	.02	.060	5	8	.05	42	.11	3	2.11	.02	.03	1	1
L3600N 3075E	1	13	26	92	.2	10	4	140	4.90	15	5	ND	10	4	.3	2	2	26	.02	.099	13	18	.20	47	.03	4	3.67	.01	.04	1	2
L3600N 3100E	1	8	21	106	.2	7	3	114	3.47	11	5	ND	6	5	.3	4	2	36	.03	.120	13	12	.14	49	.06	2	2.40	.01	.05	1	1
L3600N 3125E	1	25	19	64	.1	14	10	443	2.12	6	5	ND	4	13	.2	2	2	17	.14	.043	20	10	.50	66	.02	2	1.51	.01	.05	1	1
L3600N 3150E	1	21	27	89	.1	15	13	1015	2.07	6	5	ND	2	21	.8	2	2	14	.25	.065	23	11	.53	99	.02	2	1.69	.01	.06	1	3
L3600N 3175E	1	16	17	76	.1	15	10	664	2.20	7	5	ND	3	14	.2	2	2	15	.13	.051	21	10	.56	101	.02	2	1.36	.01	.05	1	270
L3600N 3200E	1	14	18	53	.1	13	6	131	1.97	5	6	ND	4	12	.4	2	2	14	.11	.048	21	11	.55	78	.02	2	1.60	.01	.05	1	28
L3600N 3225E	1	22	25	104	.2	15	12	812	2.02	6	8	ND	3	14	.4	2	2	13	.13	.051	23	10	.51	108	.02	2	1.59	.01	.05	1	3
L3600N 3250E	1	147	1436	88	1.2	13	11	805	2.30	14	8	ND	1	24	1.4	2	2	33	.42	.074	62	11	.30	54	.05	2	2.45	.02	.05	1	21
L3600N 3275E	1	56	491	69	1.0	9	4	194	3.96	18	5	ND	1	30	.6	2	2	68	.53	.039	13	9	.20	84	.12	2	1.58	.02	.05	1	10
L3600N 3300E	1	34	384	36	.5	5	2	101	1.03	4	5	ND	1	23	.2	2	2	23	.38	.029	15	4	.08	38	.11	2	.78	.02	.03	1	1
L3600N 3325E	1	33	103	40	.4	5	5	262	1.00	2	5	ND	1	18	.3	2	2	19	.23	.024	12	5	.09	51	.14	2	.96	.03	.04	1	2
L3600N 3350E	1	28	42	29	.8	5	2	62	1.02	3	5	ND	1	17	.4	2	2	17	.21	.025	10	4	.10	50	.13	2	1.09	.03	.04	1	1
L3600N 3375E	1	43	49	26	.5	5	2	55	1.10	2	8	ND	1	30	.4	2	2	15	.37	.042	54	5	.06	51	.13	2	1.01	.03	.04	1	1
L3600N 3400E	1	17	50	28	.3	3	2	144	.51	2	5	ND	1	11	.5	2	2	11	.06	.024	53	5	.04	33	.13	2	.67	.03	.04	1	1
L3600N 3425E	1	162	170	147	.5	17	11	1130	2.43	19	6	ND	1	24	1.6	2	2	30	.35	.109	97	17	.23	90	.05	2	3.30	.02	.07	1	1
L3600N 3450E	1	36	71	59	.3	9	5	183	1.19	4	5	ND	1	26	.6	2	2	14	.43	.031	19	9	.25	61	.04	2	.98	.02	.05	1	1
STANDARD C/AU-S	18	58	37	131	7.0	72	31	1053	3.95	40	21	7	40	52	18.6	14	22	56	.46	.094	38	56	.90	176	.07	31	1.89	.06	.14	11	55

Bapty Research Limited PROJECT DAVID FILE # 90-5374

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3600N 3475E	1	186	43	70	.3	14	14	1225	1.81	27	5	ND	1	26	1.8	3	2	26	.56	.061	29	15	.38	86	.04	2	1.81	.01	.07	1	8
L3600N 3500E	1	130	48	38	1.2	9	47	583	1.20	5	5	ND	1	48	.4	3	2	13	.61	.162	34	8	.07	91	.02	11	1.96	.01	.06	1	2
L3500N 2500E	1	8	16	88	.2	8	3	159	2.94	8	5	ND	2	13	.2	4	2	28	.09	.119	15	11	.28	76	.05	2	2.69	.01	.04	1	2
L3500N 2525E	1	8	21	92	.1	7	3	199	2.65	10	5	ND	1	13	1.2	2	2	28	.10	.116	13	9	.22	81	.05	2	2.28	.01	.04	1	2
L3500N 2550E	1	9	19	83	.3	8	4	179	3.58	6	5	ND	2	14	1.0	3	2	31	.10	.153	12	9	.28	77	.06	2	3.00	.01	.04	1	1
L3500N 2575E	1	6	23	61	.2	3	2	87	2.16	10	5	ND	2	6	.4	4	2	29	.03	.209	7	3	.06	43	.12	3	3.32	.02	.03	1	1
L3500N 2600E	1	4	18	53	.2	2	1	61	1.46	2	5	ND	1	6	.5	3	2	22	.03	.140	7	4	.05	40	.11	2	2.10	.01	.02	1	1
L3500N 2625E	1	4	16	49	.2	4	1	47	.91	6	5	ND	1	6	.2	2	2	17	.03	.078	9	4	.05	37	.06	2	1.59	.02	.02	1	3
L3500N 2650E	1	8	26	86	.2	6	3	180	2.47	9	5	ND	2	9	.6	3	4	25	.07	.303	9	7	.15	49	.09	2	2.18	.02	.03	1	32
L3500N 2675E	1	8	26	90	.2	8	3	224	2.42	8	5	ND	2	11	.6	3	2	28	.09	.298	9	9	.15	63	.08	2	1.88	.02	.03	1	1
L3500N 2700E	1	7	17	65	.2	6	3	97	2.45	7	5	ND	2	6	.6	4	2	30	.04	.243	4	3	.06	43	.14	3	4.56	.02	.02	1	1
L3500N 2725E	1	6	23	63	.3	5	2	99	2.98	11	5	ND	2	9	.6	5	2	39	.06	.284	4	4	.05	51	.16	4	3.93	.02	.03	1	1
L3500N 2750E	1	7	14	58	.2	5	2	98	2.21	5	5	ND	2	8	.3	4	2	29	.06	.221	4	4	.05	48	.13	3	3.97	.02	.02	1	1
L3500N 2775E	1	3	11	36	.1	6	2	48	.85	2	5	ND	1	7	.2	2	2	13	.06	.018	20	7	.18	38	.02	2	.73	.01	.05	1	1
L3500N 2800E	1	5	9	40	.1	4	2	46	.97	4	5	ND	1	8	.2	2	2	21	.08	.019	20	5	.13	43	.03	2	.88	.01	.04	1	5
L3500N 2825E	1	3	3	43	.1	14	6	135	1.72	3	5	ND	6	4	.7	3	2	10	.02	.008	26	14	.84	22	.01	7	1.13	.01	.07	1	5
L3500N 2850E	2	28	10	99	.5	8	2	60	.67	2	5	ND	1	44	1.3	2	2	8	.39	.095	20	8	.12	70	.01	10	.71	.02	.03	1	3
L3500N 2875E	1	8	15	50	.2	2	2	46	.32	2	5	ND	1	20	.2	2	2	6	.18	.031	8	6	.12	56	.02	8	.56	.01	.04	1	1
L3500N 2900E	1	6	5	30	.2	1	1	27	.21	2	5	ND	1	14	.2	2	2	3	.13	.027	4	3	.05	34	.01	2	.29	.01	.02	1	2
L3500N 2925E	1	6	23	28	.1	4	2	50	1.30	5	5	ND	1	4	.2	3	2	22	.02	.021	17	6	.13	86	.03	2	1.85	.01	.03	1	1
L3500N 2950E	1	12	22	50	.3	8	3	46	1.92	6	5	ND	2	5	.5	4	2	22	.02	.025	16	7	.15	115	.04	2	2.89	.01	.04	1	1
L3500N 2975E	1	15	20	64	.1	17	11	475	2.09	7	5	ND	5	18	1.0	4	2	13	.21	.036	25	13	.71	70	.02	4	1.54	.01	.06	1	3
L3500N 3000E	1	18	27	58	.1	16	10	380	1.87	8	5	ND	4	14	.2	3	2	14	.16	.042	22	14	.57	75	.02	7	1.46	.01	.04	1	2
L3500N 3025E	1	18	31	58	.1	15	9	118	1.92	6	5	ND	5	10	.2	5	2	15	.07	.047	34	12	.55	78	.02	2	1.92	.01	.05	1	1
L3500N 3050E	1	16	25	71	.2	15	7	222	1.73	6	5	ND	2	10	.2	3	2	13	.13	.057	24	13	.60	72	.02	2	1.57	.01	.06	1	1
L3500N 3075E	1	11	8	50	.2	15	4	105	1.53	6	5	ND	1	6	.3	3	2	15	.05	.029	23	13	.55	53	.02	10	1.20	.01	.05	1	1
L3500N 3100E	1	53	50	42	.3	14	10	396	1.66	6	5	ND	1	15	.6	3	5	23	.19	.031	30	12	.36	65	.05	2	1.46	.01	.04	1	1
L3500N 3125E	1	10	31	33	.3	6	2	91	.91	2	5	ND	1	10	.2	2	2	14	.17	.013	17	8	.21	62	.07	2	.99	.02	.04	1	1
L3500N 3150E	1	6	17	33	.1	9	4	367	1.53	4	5	ND	1	12	.2	2	3	18	.29	.035	18	9	.26	80	.03	2	1.02	.01	.04	1	3
L3500N 3175E	1	53	44	51	.7	14	8	596	2.65	5	5	ND	1	14	1.0	2	2	25	.16	.042	28	11	.35	63	.10	2	2.05	.02	.06	1	1
L3500N 3200E	1	11	27	51	.1	10	3	109	1.49	2	5	ND	1	10	.2	2	2	20	.14	.023	16	11	.21	65	.09	2	.85	.01	.04	1	5
L3500N 3225E	1	26	76	83	.4	7	5	1912	.99	3	5	ND	1	23	.2	2	2	22	.44	.034	13	6	.10	101	.14	2	.67	.02	.05	1	5
L3500N 3250E	1	42	625	36	.4	8	2	54	1.01	4	5	ND	1	12	.2	2	2	21	.18	.018	15	6	.03	50	.10	2	.57	.02	.05	1	1
L3500N 3275E	1	22	333	57	.4	6	3	128	1.38	3	5	ND	1	18	.3	2	2	28	.18	.029	7	5	.06	98	.11	2	1.49	.01	.03	1	5
L3500N 3300E	1	32	140	74	.5	8	2	281	.59	5	5	ND	1	47	.2	2	2	11	.82	.068	9	5	.13	104	.02	2	.52	.01	.06	1	1
L3500N 3325E	1	110	66	66	.8	10	8	1559	1.15	8	5	ND	1	68	.4	4	3	17	1.35	.086	73	9	.21	63	.02	2	1.20	.01	.06	1	1
STANDARD C/AU-S	19	61	41	132	7.3	72	31	1059	3.96	41	17	8	37	53	18.9	16	18	57	.46	.094	39	60	.90	181	.07	38	1.90	.06	.13	13	46

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3500N 3350E	1	15	31	64	.1	8	4	221	1.68	8	5	ND	1	11	.2	2	2	30	.16	.024	16	9	.23	47	.04	3	.76	.01	.07	1	43
L3500N 3375E	1	19	53	94	.2	9	2	1320	.68	4	5	ND	1	43	.2	2	2	13	.57	.033	46	6	.11	57	.08	2	.52	.03	.06	1	3
L3500N 3400E	3	48	200	115	1.0	16	32	3417	1.85	21	6	ND	1	30	1.1	2	2	19	.40	.145	103	10	.18	104	.03	2	3.57	.01	.12	1	25
L3500N 3425E	1	56	167	63	.7	12	14	1554	2.08	7	5	ND	1	35	.4	2	2	26	.38	.046	101	10	.18	88	.10	2	1.91	.02	.06	1	4
L3500N 3450E	1	26	25	64	.3	8	3	158	.59	2	5	ND	1	36	.2	2	2	15	.55	.066	6	7	.16	49	.02	5	.36	.02	.04	1	1
L3500N 3475E	1	28	19	69	.2	3	2	92	.21	2	5	ND	1	41	.2	2	2	3	.52	.075	5	5	.05	66	.01	4	.18	.01	.03	1	4
L3400N 2500E	4	64	38	85	.2	16	17	2374	2.30	20	8	ND	1	33	.3	2	2	21	.19	.092	59	15	.35	126	.05	2	2.62	.03	.07	1	1
L3400N 2525E	4	69	40	77	.3	15	17	2263	2.41	16	7	ND	1	30	.2	2	2	21	.16	.098	57	16	.35	124	.05	2	2.72	.02	.08	1	5
L3400N 2550E	1	5	7	47	.1	11	5	262	1.69	7	5	ND	5	5	.2	2	2	10	.04	.038	23	11	.54	30	.02	2	1.08	.01	.07	1	3
L3400N 2575E	1	5	25	73	.1	5	2	205	2.09	4	5	ND	1	12	.4	2	2	27	.10	.148	10	10	.15	68	.06	2	2.03	.01	.04	1	4
L3400N 2600E	1	7	15	83	.2	6	3	194	2.25	12	5	ND	1	11	.3	2	2	25	.10	.172	10	9	.19	63	.06	2	2.62	.01	.04	1	1
L3400N 2625E	1	11	21	71	.3	8	4	107	2.25	11	5	ND	3	5	.3	2	4	25	.03	.199	7	8	.17	52	.11	2	5.60	.02	.03	1	6
L3400N 2650E	1	10	18	63	.4	8	3	107	2.38	9	5	ND	3	5	.2	2	2	26	.03	.201	5	7	.15	50	.12	2	6.20	.02	.03	1	1
L3400N 2675E	1	8	19	66	.4	6	3	120	2.54	13	5	ND	3	5	.2	2	2	27	.04	.199	5	8	.13	51	.11	2	6.10	.01	.03	1	2
L3400N 2700E	1	35	31	74	.3	17	11	380	2.08	9	5	ND	6	10	.9	2	2	15	.06	.065	32	11	.45	121	.03	2	2.19	.01	.05	1	3
L3400N 2725E	1	7	11	44	.1	14	6	164	1.93	7	5	ND	6	5	.2	2	2	11	.04	.025	22	13	.66	37	.01	2	1.13	.01	.08	1	1
L3400N 2750E	1	12	21	47	.1	14	8	290	1.76	6	5	ND	4	6	.2	2	2	9	.05	.028	28	12	.59	52	.01	2	1.34	.01	.07	1	14
L3400N 2775E	2	39	47	69	.4	15	19	2235	1.68	9	10	ND	1	19	.8	2	2	15	.16	.086	45	15	.43	110	.01	2	1.99	.01	.06	1	1
L3400N 2800E	1	21	36	57	.1	14	10	571	1.63	6	5	ND	1	20	.2	2	2	13	.18	.058	26	14	.49	106	.01	2	1.31	.01	.08	1	6
L3400N 2825E	1	8	16	45	.1	8	2	63	1.17	2	5	ND	1	10	.2	4	2	13	.08	.024	17	10	.35	91	.01	2	.93	.01	.04	1	24
L3400N 2850E	1	5	4	41	.1	13	5	125	1.57	4	5	ND	6	3	.2	2	2	10	.01	.012	22	14	.67	24	.01	2	.98	.01	.06	1	1
L3400N 2875E	1	5	13	39	.1	13	4	135	1.70	6	5	ND	6	2	.2	3	2	11	.01	.012	23	12	.68	21	.01	2	.99	.01	.06	1	1
L3400N 2900E	1	14	26	39	.2	10	5	89	1.69	5	5	ND	3	11	.2	2	4	19	.10	.017	19	11	.39	62	.07	2	1.29	.01	.04	1	4
L3400N 2925E	1	9	7	43	.1	9	4	110	1.62	4	5	ND	2	4	.2	2	2	10	.04	.024	20	10	.36	34	.02	2	.84	.01	.07	1	53
L3400N 2950E	1	11	10	46	.1	11	6	181	1.71	7	5	ND	4	4	.4	2	2	12	.05	.039	23	11	.40	40	.02	2	1.22	.01	.04	1	6
L3400N 2975E	1	5	11	37	.1	1	1	165	1.74	5	5	ND	1	10	.2	2	2	21	.13	.039	15	5	.13	57	.05	2	1.04	.01	.03	1	5
L3400N 3000E	1	9	28	46	.2	8	6	224	2.93	7	5	ND	1	8	.8	2	2	24	.10	.044	16	10	.29	63	.04	4	1.27	.01	.05	1	6
L3400N 3025E	1	29	42	31	.2	8	8	238	1.05	6	5	ND	1	32	.2	2	2	13	.36	.049	41	7	.17	92	.08	3	1.01	.02	.05	1	1
L3400N 3050E	1	57	35	82	.4	15	2	157	.59	2	5	ND	1	34	.6	2	2	11	.44	.061	13	8	.07	119	.02	7	.43	.01	.05	1	2
L3400N 3075E	1	37	23	42	.5	5	2	80	.84	7	5	ND	1	12	.2	2	5	15	.15	.038	7	6	.05	87	.05	3	.52	.01	.03	1	1
L3400N 3100E	1	28	18	70	.2	11	2	42	.22	2	5	ND	1	22	.2	2	2	3	.47	.057	2	4	.04	38	.01	4	.15	.01	.03	1	1
L3400N 3125E	1	14	34	56	.3	5	1	51	.29	2	5	ND	1	18	.2	2	2	4	.31	.082	3	4	.05	30	.01	3	.21	.01	.04	1	1
L3400N 3150E	1	12	38	38	.3	4	2	60	.95	2	5	ND	1	26	.2	2	2	16	.30	.052	7	5	.10	90	.05	4	.65	.01	.04	1	1
L3400N 3175E	1	10	19	43	.1	8	4	256	1.78	9	5	ND	2	5	.2	2	2	19	.05	.035	21	8	.38	49	.02	2	.83	.01	.04	1	5
L3400N 3200E	1	8	32	69	.1	8	9	3444	1.68	5	5	ND	1	12	.2	2	2	16	.14	.062	12	4	.17	162	.05	2	.82	.01	.07	1	2
L3400N 3225E	1	13	25	39	.3	7	7	264	1.92	7	5	ND	3	9	.2	2	2	22	.10	.032	26	6	.23	60	.05	2	2.06	.01	.05	1	14
STANDARD C/AU-S	18	62	37	134	7.5	72	32	1058	3.97	43	17	7	37	52	18.3	15	19	58	.46	.096	37	60	.90	182	.07	35	1.89	.06	.13	13	50

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3400N 3250E	1	14	12	83	.5	7	8	754	2.35	4	5	ND	3	14	.5	2	2	24	.18	.177	7	8	.11	55	.13	2	5.90	.03	.03	1	5
L3400N 3275E	1	28	41	100	.3	8	7	613	2.70	10	5	ND	3	10	.5	2	2	37	.08	.079	9	9	.13	80	.18	4	3.61	.03	.05	1	1
L3400N 3300E	1	214	3510	100	1.4	10	6	277	3.35	13	5	ND	1	23	.5	2	2	52	.31	.079	56	12	.22	44	.06	2	1.98	.02	.07	1	26
L3400N 3325E	1	176	1434	154	1.3	17	12	626	3.75	16	5	ND	1	34	1.0	2	2	72	.53	.060	36	14	.34	104	.08	2	2.69	.02	.09	1	4
L3400N 3350E	1	114	217	77	.5	14	10	258	2.78	19	5	ND	4	29	.6	2	2	40	.37	.041	21	10	.43	99	.07	2	3.14	.03	.06	1	3
L3400N 3375E	1	93	132	107	.8	10	13	5758	1.57	9	7	ND	1	115	2.6	2	2	24	1.75	.063	206	9	.30	266	.03	2	1.39	.01	.08	1	3
L3400N 3400E	1	7	28	45	.1	3	1	161	.56	2	5	ND	1	14	.3	2	2	13	.19	.020	17	5	.05	49	.04	2	.49	.02	.04	1	4
L3400N 3425E	1	7	17	54	.1	5	3	523	1.18	2	6	ND	5	7	.2	2	2	17	.07	.029	31	8	.20	54	.03	2	1.08	.01	.07	1	1
L3400N 3450E	1	12	17	55	.1	11	7	295	1.85	4	5	ND	5	5	.2	2	2	10	.06	.030	29	10	.29	52	.02	2	.83	.02	.17	1	8
L3400N 3475E	1	4	19	55	.1	4	3	223	1.85	2	5	ND	3	8	.2	2	2	26	.07	.056	21	8	.09	48	.05	2	1.56	.01	.03	1	14
L3400N 3500E	1	14	31	79	.2	8	5	600	2.07	2	6	ND	6	18	.2	2	2	26	.17	.085	24	10	.21	136	.07	2	1.95	.02	.08	1	1
L3300N 3025E	1	9	19	33	.5	5	3	1045	2.05	3	6	ND	3	8	.2	2	2	30	.07	.097	19	11	.16	78	.06	2	1.87	.02	.07	1	1
L3300N 3050E	1	5	11	21	.1	4	2	77	.96	2	5	ND	2	7	.2	2	2	17	.06	.016	45	6	.21	65	.03	2	.66	.01	.04	1	1
L3300N 3075E	1	14	29	131	.6	8	10	4917	1.79	2	5	ND	3	23	.9	2	2	34	.31	.059	11	10	.20	359	.14	2	.93	.02	.09	1	22
L3300N 3100E	1	26	133	115	1.2	11	7	192	2.97	20	5	ND	3	17	.6	2	2	47	.11	.122	8	13	.13	139	.20	2	1.97	.03	.04	1	3
L3300N 3125E	1	35	59	57	.3	6	1	310	.43	2	5	ND	1	17	.7	2	2	12	.22	.039	6	6	.05	109	.05	2	.41	.03	.03	1	8
L3300N 3150E	1	90	67	51	.7	15	5	114	1.97	30	5	ND	1	6	.5	2	2	29	.05	.091	17	26	.26	41	.06	2	2.06	.02	.05	1	2
L3300N 3175E	1	24	43	76	.1	9	3	55	.32	2	5	ND	1	36	1.3	2	2	4	.51	.067	3	3	.08	102	.01	5	.23	.01	.05	1	1
L3300N 3200E	1	57	141	86	.5	18	27	2769	2.28	4	5	ND	1	25	1.6	2	2	25	.31	.037	56	14	.45	115	.05	2	2.21	.02	.08	1	1
L3300N 3225E	1	16	41	121	.7	3	5	4708	1.35	6	5	ND	1	13	.3	2	2	23	.13	.062	10	9	.09	161	.10	2	.94	.02	.07	1	1
L3300N 3250E	1	6	34	59	.1	8	5	329	2.45	2	5	ND	7	5	.2	2	2	25	.03	.063	29	11	.26	39	.06	2	1.42	.01	.05	1	1
L3300N 3275E	1	6	36	102	.8	7	6	1188	1.80	2	5	ND	4	10	.2	2	2	28	.08	.076	7	8	.09	78	.16	2	2.71	.03	.06	1	1
L3300N 3300E	1	18	40	91	.2	13	6	221	2.62	7	9	ND	10	6	.2	2	2	22	.07	.039	45	13	.56	45	.04	2	1.34	.01	.08	1	3
L3300N 3325E	1	23	104	192	.5	9	12	416	2.81	6	5	ND	5	9	.8	2	2	34	.08	.075	12	12	.17	96	.16	2	4.40	.02	.06	1	1
L3300N 3350E	1	290	4788	209	1.9	20	21	1480	4.47	16	6	ND	3	37	1.1	2	5	83	.52	.063	75	19	.54	93	.06	2	3.88	.02	.11	1	8
L3300N 3375E	1	101	1238	175	1.2	17	18	2140	3.71	14	9	ND	1	36	2.0	2	2	60	.65	.108	66	16	.41	132	.06	2	3.07	.02	.10	1	1
L3300N 3400E	1	90	47	107	.9	17	7	347	3.34	26	6	ND	2	17	.4	2	2	52	.24	.061	14	18	.41	91	.09	2	2.42	.02	.13	1	4
L3300N 3425E	1	27	48	86	.3	12	6	242	3.27	28	5	ND	2	15	.2	2	2	52	.20	.100	14	10	.26	64	.07	2	1.59	.02	.06	1	3
L3300N 3450E	1	8	19	43	.1	8	3	106	1.39	4	10	ND	7	4	.2	2	2	19	.05	.023	28	7	.27	33	.02	2	.95	.01	.06	1	25
L3300N 3475E	1	15	17	79	.4	9	5	311	2.16	13	5	ND	5	11	.2	2	2	26	.10	.098	11	11	.13	101	.10	2	3.35	.02	.04	1	1
L3300N 3500E	1	6	17	58	.1	9	4	165	2.02	2	5	ND	6	5	.2	2	2	24	.05	.033	24	11	.26	46	.03	2	1.78	.01	.06	1	4
L3200N 3025E	1	6	15	71	.2	7	5	1322	2.37	2	5	ND	5	13	.2	2	2	29	.27	.307	20	12	.24	69	.06	2	2.63	.02	.07	1	2
L3200N 3050E	1	2	19	76	.2	8	4	844	1.66	3	9	ND	2	13	.2	2	2	27	.17	.035	29	10	.36	98	.04	2	1.01	.01	.08	1	18
L3200N 3075E	1	9	12	42	.1	5	2	93	1.75	2	8	ND	5	7	.2	2	2	30	.03	.030	25	8	.17	35	.05	2	1.27	.02	.05	1	1
L3200N 3100E	1	9	14	75	.5	7	5	252	3.26	5	5	ND	5	8	.2	2	2	36	.06	.098	10	12	.14	56	.11	2	3.85	.02	.05	1	1
L3200N 3125E	1	18	23	86	.5	9	9	1140	2.10	6	6	ND	3	11	.2	2	2	27	.09	.126	7	11	.14	62	.13	2	4.11	.03	.04	1	3
STANDARD C/AU-S	19	59	36	131	7.1	73	31	1053	3.99	42	21	7	39	53	19.9	15	20	59	.46	.096	40	61	.90	181	.08	32	1.90	.06	.14	11	55

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3200N 3150E	1	8	30	66	.2	10	5	122	1.83	7	5	ND	1	12	.2	2	2	30	.12	.081	3	7	.09	79	.16	2	3.09	.02	.04	2	1
L3200N 3175E	1	9	26	75	.2	11	9	127	1.83	8	5	ND	1	9	.9	2	2	28	.09	.066	3	6	.07	67	.16	2	3.64	.02	.03	1	1
L3200N 3200E	1	7	18	41	.1	8	3	95	1.73	7	5	ND	1	5	.2	2	2	45	.04	.034	8	11	.12	74	.16	2	1.02	.02	.03	1	1
L3200N 3225E	1	6	16	65	.1	9	4	371	1.49	2	5	ND	1	8	.2	2	2	19	.10	.036	10	10	.39	125	.05	3	.80	.01	.06	1	3
L3200N 3250E	1	7	50	73	.1	8	4	227	1.94	2	5	ND	2	4	.2	2	2	36	.02	.074	7	7	.08	53	.14	3	1.37	.02	.03	1	2
L3200N 3275E	1	11	24	77	.5	7	8	840	2.11	8	5	ND	2	7	.7	2	2	29	.06	.145	6	6	.07	66	.15	2	5.18	.02	.03	1	1
L3200N 3300E	1	7	20	74	.1	7	7	3059	2.61	7	5	ND	1	6	.3	2	2	34	.04	.210	3	9	.08	68	.19	2	4.22	.02	.03	1	1
L3200N 3325E	1	8	57	70	.2	6	9	573	2.46	6	5	ND	3	7	.4	2	2	28	.05	.278	4	9	.07	46	.17	2	5.78	.02	.03	1	1
L3200N 3350E	1	18	37	161	.4	16	12	10385	1.95	10	5	ND	1	26	1.4	2	2	22	.28	.079	14	9	.28	437	.05	2	1.12	.01	.11	1	7
L3200N 3375E	1	53	120	110	.9	13	13	1010	3.58	7	5	ND	1	13	1.5	2	2	61	.24	.048	17	13	.28	108	.10	2	2.16	.02	.07	1	1
L3200N 3400E	1	90	77	116	.8	9	13	1739	3.20	10	5	ND	1	20	1.3	2	2	61	.38	.057	24	10	.26	81	.11	2	2.55	.02	.07	1	1
L3200N 3425E	1	73	29	123	.3	14	13	996	2.99	10	5	ND	1	10	.6	2	2	64	.17	.089	8	8	.30	110	.08	2	2.46	.02	.07	1	4
L3200N 3450E	1	40	37	129	.3	16	12	815	2.90	9	5	ND	2	17	.7	2	2	56	.22	.199	9	13	.37	84	.08	2	2.06	.02	.08	1	1
L3200N 3475E	1	20	49	73	.1	7	9	650	2.05	8	5	ND	1	12	.2	2	2	48	.15	.050	9	6	.17	94	.10	2	1.43	.02	.06	1	5
L3200N 3500E	1	81	53	93	.2	16	12	485	3.41	11	5	ND	2	9	1.1	2	2	74	.15	.062	12	12	.48	74	.07	2	2.31	.01	.08	1	79
STANDARD C	19	63	37	134	7.4	72	32	1056	3.95	44	16	7	38	52	18.5	15	19	57	.44	.095	39	59	.90	182	.07	34	1.90	.06	.14	13	-

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5290 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: LYNEA CARLSON

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3300N 2500E	1	20	16	63	.3	13	9	294	2.05	5	7	ND	2	14	.2	2	2	14	.16	.049	21	16	.52	173	.02	2	1.94	.01	.04	3	4
L3300N 2525E	1	27	17	69	.1	16	13	387	2.63	2	8	ND	7	12	.9	2	2	17	.18	.086	27	19	.61	115	.02	2	2.88	.01	.06	1	3
L3300N 2550E	1	14	19	44	.1	9	10	532	1.69	2	5	ND	1	19	.2	2	2	11	.25	.068	21	13	.49	96	.02	2	1.42	.01	.06	1	3
L3300N 2575E	1	18	25	70	.1	12	10	589	1.87	2	5	ND	3	18	.6	2	2	12	.21	.063	24	12	.53	95	.02	2	1.54	.01	.06	1	3
L3300N 2600E	1	20	25	72	.1	11	13	497	2.40	2	6	ND	4	7	.4	2	2	18	.07	.047	29	16	.51	159	.03	2	2.57	.01	.06	1	3
L3300N 2625E	1	12	10	61	.4	9	11	554	2.15	2	5	ND	3	10	.2	2	2	15	.10	.037	22	15	.50	81	.02	2	1.62	.01	.05	1	2
L3300N 2650E	1	11	23	69	.1	12	6	190	2.86	4	5	ND	7	4	.8	2	2	23	.03	.027	19	14	.40	81	.05	2	2.53	.01	.05	1	2
L3300N 2675E	1	16	35	51	.2	11	7	165	3.65	5	5	ND	10	7	.3	2	2	23	.09	.041	24	17	.47	100	.03	2	3.04	.01	.06	2	4
L3300N 2700E	1	20	28	78	.1	14	13	713	2.09	2	5	ND	2	27	.4	2	2	14	.34	.075	23	14	.59	113	.02	3	1.74	.01	.06	1	1
L3300N 2725E	1	9	14	36	.1	10	8	326	1.74	2	5	ND	5	7	.2	2	2	9	.10	.041	20	12	.57	46	.02	2	1.13	.01	.05	1	2
L3300N 2750E	1	27	22	67	.1	12	13	453	2.40	4	5	ND	4	8	.2	2	2	20	.09	.040	23	13	.55	62	.03	2	1.67	.01	.05	1	4
L3300N 2775E	1	38	32	104	.2	12	11	709	2.33	2	5	ND	1	23	.9	2	2	23	.38	.056	22	13	.58	101	.02	2	1.96	.01	.08	1	4
L3300N 2800E	1	143	17	71	.3	13	11	466	2.56	2	5	ND	4	14	.3	2	2	32	.24	.051	30	16	.57	87	.05	2	2.82	.01	.08	1	1
L3200N 2500E	1	17	22	66	.1	16	12	553	2.02	2	5	ND	3	21	.2	2	2	12	.25	.063	23	13	.64	75	.01	2	1.56	.01	.08	2	2
L3200N 2525E	1	43	43	101	.1	20	18	685	2.48	2	5	ND	1	14	.2	2	2	22	.17	.080	27	16	.57	113	.03	2	2.48	.01	.08	1	11
L3200N 2550E	1	32	27	97	.4	18	15	633	2.68	6	5	ND	4	9	1.3	2	2	21	.11	.050	27	14	.71	85	.03	2	2.05	.01	.08	1	6
L3200N 2575E	1	48	46	100	.3	18	21	762	2.58	2	7	ND	1	16	1.2	2	2	23	.18	.093	29	15	.56	116	.03	2	2.72	.01	.08	1	5
L3200N 2600E	1	19	29	81	.1	14	9	222	2.93	6	5	ND	7	5	.4	2	2	22	.03	.033	35	14	.75	79	.02	2	2.05	.01	.07	1	13
L3200N 2625E	1	15	24	82	.2	10	4	181	2.82	3	5	ND	2	9	.9	2	2	29	.09	.079	9	10	.19	68	.11	2	4.74	.02	.03	3	1
L3200N 2650E	1	19	45	155	.4	9	4	188	1.57	2	5	ND	1	25	.2	2	2	23	.34	.052	14	9	.26	133	.05	3	1.67	.02	.05	1	2
L3200N 2675E	1	86	50	312	.7	22	20	991	3.19	6	5	ND	3	14	1.0	2	2	32	.15	.044	35	16	.52	123	.05	2	2.34	.01	.09	1	4
L3200N 2700E	1	40	35	289	.4	15	17	618	3.37	4	5	ND	3	12	2.6	3	2	35	.14	.042	29	16	.56	124	.04	2	2.15	.01	.09	1	6
L3200N 2725E	1	47	39	263	.3	17	17	654	3.13	4	5	ND	3	11	.9	2	3	33	.13	.039	29	14	.51	116	.05	2	2.06	.01	.09	1	6
L3200N 2750E	1	20	18	89	.4	8	7	150	3.33	5	5	ND	3	4	.9	4	2	38	.04	.041	19	7	.31	50	.06	2	1.89	.01	.04	1	9
L3200N 2775E	1	22	30	89	.1	10	7	149	3.78	7	5	ND	3	4	.6	2	2	40	.03	.047	21	10	.36	48	.06	2	2.09	.01	.04	1	6
L3200N 2800E	2	22	27	77	.4	13	9	173	3.84	11	5	ND	5	6	1.1	2	5	43	.05	.046	24	12	.44	49	.06	2	1.69	.01	.05	1	20
L3200N 2825E	1	9	15	60	.4	4	3	73	1.99	2	5	ND	2	3	.2	2	2	27	.02	.051	16	4	.20	52	.03	2	1.36	.01	.03	4	3
L3200N 2850E	1	11	22	64	.2	7	3	87	2.13	4	5	ND	3	3	.2	2	2	31	.02	.065	19	6	.22	59	.03	2	1.63	.01	.04	1	19
L3200N 2875E	1	12	33	72	.7	7	3	87	2.08	7	5	ND	2	4	.2	2	2	30	.02	.063	17	9	.21	60	.03	3	1.53	.01	.04	2	16
L3200N 2900E	1	124	15	50	.2	13	10	174	3.29	2	5	ND	3	8	.2	3	2	80	.12	.031	18	11	.51	92	.08	3	2.15	.02	.06	1	5
L3200N 2925E	1	99	18	52	.1	14	9	183	2.83	6	5	ND	3	8	.6	3	2	77	.12	.022	20	10	.47	99	.07	2	1.84	.01	.06	1	1
L3200N 2950E	1	21	17	57	.2	4	2	119	2.21	2	5	ND	1	10	.2	2	2	50	.12	.033	14	7	.15	86	.08	2	1.58	.02	.04	1	1
L3200N 2975E	1	32	25	61	.1	6	4	154	3.69	10	5	ND	2	11	.2	2	2	63	.13	.069	11	10	.18	86	.11	2	3.44	.01	.04	1	3
L3200N 3000E	1	18	9	36	.1	14	7	124	2.60	8	5	ND	9	2	.4	2	2	27	.02	.025	31	11	.59	28	.02	2	1.19	.01	.03	1	1
L3100N 2500E	1	16	6	29	.1	9	6	104	2.38	5	5	ND	8	2	.2	2	2	25	.02	.020	31	7	.59	24	.02	2	1.10	.01	.03	1	11
L3100N 2525E	1	14	9	32	.1	11	6	99	2.16	2	5	ND	7	2	.2	2	2	25	.02	.018	31	9	.53	21	.02	2	.98	.01	.03	1	5
STANDARD C/AU-S	20	60	44	131	7.2	72	31	1059	3.97	42	18	7	37	53	18.5	15	21	56	.46	.094	38	60	.90	182	.07	32	1.90	.06	.13	11	48

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 15 1990 DATE REPORT MAILED: Oct 17/90. SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3100N 2550E	1	14	16	36	.1	12	7	153	2.21	6	5	ND	8	3	.2	2	2	24	.04	.019	31	11	.59	25	.02	3	1.03	.01	.03	1	18
L3100N 2575E	1	16	10	43	.1	12	8	121	2.45	8	5	ND	9	3	1.2	2	2	26	.02	.020	35	12	.65	29	.02	2	1.18	.01	.04	1	6
L3100N 2600E	1	13	28	141	.4	13	10	329	3.70	6	5	ND	4	14	1.1	2	4	44	.16	.101	10	12	.18	119	.16	2	4.16	.02	.05	1	6
L3100N 2625E	1	14	31	169	.4	12	10	409	4.16	4	5	ND	4	22	2.5	2	10	47	.28	.129	7	13	.17	180	.17	2	4.31	.02	.06	1	1
L3100N 2650E	1	17	27	91	.2	10	6	215	3.16	3	5	ND	2	16	2.0	2	2	40	.23	.073	23	12	.30	73	.08	2	1.83	.02	.06	1	1
L3100N 2675E	1	14	33	73	.3	11	5	233	2.50	2	5	ND	1	18	.3	2	2	38	.26	.068	20	10	.24	75	.09	3	1.47	.02	.06	1	1
L3100N 2700E	1	11	29	65	.1	7	4	301	1.87	9	5	ND	1	18	.2	2	3	36	.27	.055	18	7	.18	72	.10	2	1.06	.02	.06	1	2
L3100N 2725E	1	9	20	51	.2	9	5	105	3.26	4	5	ND	6	6	.2	2	2	43	.05	.043	25	8	.24	58	.08	2	1.60	.01	.05	1	2
L3100N 2750E	1	11	38	53	.2	7	4	118	3.61	2	5	ND	5	6	1.4	2	2	47	.05	.052	23	9	.24	62	.09	2	1.63	.01	.05	1	2
L3100N 2775E	1	10	27	51	.1	12	4	102	3.15	4	5	ND	5	5	1.1	2	2	49	.04	.043	23	10	.21	55	.10	2	1.24	.02	.05	1	1
L3100N 2800E	1	11	19	59	.2	9	4	129	2.51	6	5	ND	6	6	.2	2	3	32	.06	.052	20	11	.23	62	.08	2	2.28	.02	.05	1	9
L3100N 2825E	1	14	15	65	.3	9	5	143	3.06	2	5	ND	7	6	.5	2	2	35	.05	.051	16	13	.22	69	.09	2	3.17	.01	.05	1	4
L3100N 2850E	1	10	14	54	.1	8	5	123	2.84	3	5	ND	6	6	1.1	2	2	35	.06	.048	20	13	.22	64	.08	2	2.62	.01	.06	1	2
L3100N 2875E	1	15	22	74	.1	12	6	155	3.09	2	5	ND	7	7	.9	2	2	33	.07	.055	17	16	.23	75	.08	3	3.81	.02	.06	1	1
L3100N 2900E	1	5	17	41	.1	4	2	75	.86	2	5	ND	2	6	.3	2	2	22	.06	.018	20	7	.10	73	.04	2	.92	.02	.04	1	3
L3100N 2925E	1	9	15	60	.2	8	4	188	3.21	2	5	ND	5	10	.6	2	2	56	.11	.069	17	11	.19	62	.13	2	1.89	.02	.05	1	9
L3100N 2950E	2	12	23	66	.2	12	5	195	4.21	4	5	ND	6	10	1.2	2	6	68	.10	.080	17	11	.21	64	.16	2	1.80	.02	.05	1	2
L3100N 2975E	1	10	25	64	.1	6	2	273	1.84	3	5	ND	1	9	.2	2	4	38	.11	.047	13	9	.12	77	.11	3	1.38	.02	.05	1	6
L3100N 3000E	1	14	28	77	.1	15	7	377	3.00	3	5	ND	8	10	2.1	2	2	39	.12	.045	23	17	.42	111	.07	2	1.62	.02	.13	1	1
L3100N 3025E	1	12	25	85	.4	10	8	300	2.70	2	5	ND	4	6	.4	3	3	33	.06	.074	13	12	.19	81	.11	2	4.11	.02	.05	1	1
L3100N 3050E	1	17	27	99	.4	9	8	668	2.48	2	5	ND	4	8	.8	2	2	32	.07	.089	8	10	.17	72	.13	3	4.98	.02	.04	1	1
L3100N 3075E	1	32	54	82	.5	19	36	736	3.16	5	5	ND	3	18	.4	2	2	34	.21	.036	34	14	.27	75	.12	2	2.19	.02	.06	1	1
L3100N 3100E	1	11	19	76	.1	13	7	152	2.71	2	5	ND	4	10	.8	2	2	28	.14	.067	29	14	.52	89	.03	2	1.86	.01	.06	1	2
L3100N 3125E	1	8	31	87	.1	10	4	281	2.44	2	5	ND	2	10	.4	2	2	39	.16	.035	23	15	.38	93	.05	4	1.66	.01	.06	1	2
L3100N 3150E	1	11	42	69	.3	14	9	743	2.35	2	5	ND	3	22	1.0	2	2	31	.31	.031	25	16	.40	134	.04	2	2.00	.01	.08	1	1
L3100N 3175E	1	21	66	142	.3	13	9	1018	3.51	2	5	ND	5	12	1.5	2	5	29	.16	.104	17	17	.48	99	.07	2	2.69	.01	.08	1	2
L3100N 3200E	1	23	48	76	.1	11	5	326	2.13	7	5	ND	1	22	.7	2	2	33	.48	.032	31	12	.19	103	.10	2	1.15	.02	.06	1	1
L3100N 3225E	1	46	59	100	.1	22	13	202	2.26	12	5	ND	3	8	1.0	2	2	31	.12	.036	19	21	.50	63	.04	4	1.95	.01	.07	3	3
L3100N 3250E	1	9	25	74	.2	9	4	287	1.76	2	5	ND	1	14	1.6	2	2	31	.22	.129	3	11	.09	73	.14	2	4.11	.02	.04	1	1
L3100N 3275E	1	20	23	58	.3	12	7	536	2.38	5	5	ND	3	15	.9	2	2	30	.20	.048	16	13	.31	120	.07	3	1.90	.02	.06	1	1
L3100N 3300E	1	11	33	83	.4	9	6	339	2.25	2	5	ND	2	8	.2	2	2	32	.09	.043	11	9	.11	83	.09	2	2.01	.02	.04	1	1
L3100N 3325E	1	23	27	70	.2	13	6	143	2.58	5	5	ND	7	10	.2	2	2	26	.14	.034	25	14	.33	36	.02	3	1.27	.01	.06	1	62
L3100N 3350E	1	14	38	148	.4	15	10	677	3.31	4	5	ND	2	9	1.5	2	2	35	.09	.076	19	17	.35	69	.07	2	2.60	.01	.08	1	5
L3100N 3375E	1	99	458	206	1.2	18	26	4368	2.24	16	5	ND	1	43	4.7	2	2	29	.58	.125	106	23	.24	59	.06	2	2.63	.02	.08	1	5
L3100N 3400E	1	86	35	99	.5	14	8	227	2.81	5	5	ND	1	30	1.6	2	2	58	.69	.041	11	12	.36	122	.08	2	1.27	.03	.06	1	1
L3100N 3425E	1	32	23	96	.7	8	5	172	2.96	2	5	ND	1	18	1.8	2	2	44	.32	.044	10	7	.17	69	.13	2	2.07	.02	.05	2	2
STANDARD C/AU-S	19	61	40	132	7.2	73	32	1057	3.99	37	16	7	37	52	18.6	19	22	57	.45	.094	37	61	.90	182	.07	33	1.90	.06	.13	13	50

Bapty Research Limited PROJECT DAVID FILE # 90-5290

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3100N 3450E	1	183	34	157	.5	17	17	1299	3.74	13	5	ND	1	16	1.4	2	2	136	.32	.033	13	10	.32	89	.15	2	1.94	.03	.08	1	4
L3100N 3475E	1	111	66	139	1.1	14	21	3787	3.18	19	5	ND	1	31	3.7	2	2	95	.46	.044	18	20	.25	96	.17	2	2.50	.02	.07	1	3
L3100N 3500E	1	106	55	60	1.4	11	40	2960	2.44	25	5	ND	1	36	4.3	2	2	69	.56	.100	32	31	.24	68	.08	2	2.42	.02	.06	1	2
L3000N 3025E	1	7	24	62	.1	4	3	601	1.14	2	5	ND	1	13	.2	2	2	28	.16	.025	9	6	.08	136	.10	2	.78	.02	.04	1	2
L3000N 3050E	1	26	35	43	.3	15	10	277	3.21	11	8	ND	6	15	.2	2	2	35	.18	.040	25	12	.18	149	.08	2	3.02	.02	.07	1	3
L3000N 3075E	1	11	29	80	.1	9	5	234	3.13	4	5	ND	4	12	.2	2	2	49	.13	.031	16	12	.25	82	.10	2	1.17	.01	.06	1	1
L3000N 3100E	1	10	18	40	.1	8	3	109	1.15	2	5	ND	1	18	.4	2	3	17	.22	.023	21	9	.21	90	.03	2	.76	.01	.04	1	1
L3000N 3125E	1	50	44	87	.5	18	68	2820	2.86	8	5	ND	1	29	1.4	2	2	24	.36	.078	63	13	.26	93	.07	2	2.12	.02	.07	1	2
L3000N 3150E	3	58	37	91	.6	16	55	4083	2.20	6	8	ND	1	21	1.2	2	2	27	.22	.048	58	11	.20	106	.07	2	1.81	.02	.06	1	1
L3000N 3175E	1	32	41	53	.2	8	26	1874	2.13	5	5	ND	1	17	.5	2	2	22	.20	.038	38	10	.16	81	.04	2	1.60	.01	.05	1	1
L3000N 3200E	1	15	107	82	.3	10	5	155	4.10	12	5	ND	5	11	.2	2	2	30	.11	.038	17	15	.25	87	.08	2	2.16	.01	.06	1	8
L3000N 3225E	1	12	30	90	.3	7	4	755	2.12	2	5	ND	1	16	.6	2	2	35	.23	.035	8	11	.21	125	.10	2	.91	.01	.05	1	2
L3000N 3250E	1	83	88	138	.4	13	53	2796	2.53	10	5	ND	3	18	1.7	2	2	44	.32	.063	29	18	.26	121	.10	2	2.02	.02	.08	1	3
L3000N 3275E	1	15	33	66	.1	10	6	315	1.71	6	5	ND	2	9	.3	2	2	49	.13	.027	13	19	.34	162	.12	2	1.11	.01	.05	1	1
L3000N 3300E	1	14	31	61	.3	10	5	363	3.16	10	5	ND	2	6	.2	2	2	59	.05	.063	6	35	.28	66	.16	2	2.66	.02	.05	1	1
L3000N 3325E	1	16	15	71	.1	9	5	360	2.45	5	5	ND	3	14	.2	2	2	68	.24	.045	13	19	.31	113	.13	2	1.18	.01	.06	1	1
L3000N 3350E	1	15	43	122	.3	11	7	1806	3.78	10	5	ND	4	17	.2	2	2	47	.24	.065	11	16	.21	177	.15	2	1.79	.02	.08	1	2
L3000N 3375E	1	12	20	72	.1	10	6	335	2.36	10	5	ND	1	8	.3	2	2	32	.08	.058	16	13	.27	63	.05	2	1.10	.01	.07	1	7
L3000N 3400E	1	54	20	42	.4	3	2	110	2.15	2	5	ND	3	7	.2	2	2	42	.12	.057	12	6	.10	37	.11	2	.91	.01	.05	1	2
L3000N 3425E	1	11	27	62	.3	3	2	416	1.52	2	6	ND	2	7	.3	2	2	29	.05	.087	10	6	.09	63	.10	2	1.28	.01	.05	1	1
L3000N 3450E	1	70	73	139	.8	13	9	229	4.53	17	5	ND	4	7	.6	2	2	82	.16	.072	8	11	.38	34	.16	2	2.49	.02	.06	1	1
L3000N 3475E	1	16	25	103	.7	7	5	684	2.42	11	5	ND	2	18	.6	2	2	36	.22	.092	9	11	.12	96	.14	2	2.10	.02	.07	1	2
L3000N 3500E	1	8	26	68	.2	5	3	288	1.99	6	5	ND	2	6	.2	2	2	31	.06	.062	16	10	.13	56	.07	2	1.49	.02	.05	1	2
STANDARD C/AU-S	18	60	38	132	7.1	72	31	1051	3.94	38	24	7	40	52	19.9	15	19	59	.45	.096	40	60	.89	187	.08	32	1.89	.06	.13	12	45

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GEOCHEMICAL ANALYSIS CERTIFICATE

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901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: LYNEA CARLSON

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L3300N 2825E	1	74	11	24	.1	5	3	61	1.31	4	5	ND	1	11	.2	2	2	18	.16	.028	23	6	.15	48	.04	3	.95	.01	.03	1	21
L3300N 2850E	1	154	31	40	.5	9	14	1799	1.80	11	5	ND	1	23	.9	2	2	26	.23	.094	44	8	.14	107	.04	4	1.26	.01	.04	1	1
L3300N 2875E	1	36	24	24	.4	6	3	13	1.82	3	5	ND	1	13	.5	2	2	22	.11	.034	9	6	.12	48	.13	3	1.32	.02	.02	1	1
L3300N 2900E	1	17	5	29	.1	8	5	72	1.89	2	5	ND	6	5	.2	2	2	25	.05	.013	24	7	.40	26	.02	2	.84	.01	.03	1	17
L3300N 2925E	1	9	14	36	.1	5	2	71	2.33	2	5	ND	2	8	.3	3	2	33	.07	.032	7	8	.07	51	.12	3	1.66	.02	.03	1	2
L3300N 2950E	1	9	15	61	.1	9	6	323	2.20	2	5	ND	2	7	.3	4	2	24	.07	.073	18	12	.25	60	.07	3	1.94	.01	.04	1	1
L3300N 2975E	1	7	13	43	.1	7	4	168	2.07	6	5	ND	3	6	.2	3	2	23	.04	.145	17	10	.24	77	.06	3	2.14	.01	.04	1	1
L3300N 3000E	1	3	10	26	.1	4	2	51	1.58	2	5	ND	4	4	.2	2	2	24	.03	.030	30	8	.20	49	.03	3	1.17	.01	.04	1	1
L3000N 2500E	1	49	26	66	.1	15	10	157	3.17	8	5	ND	1	9	.2	2	2	38	.10	.037	31	12	.43	80	.03	2	2.41	.01	.07	1	1
L3000N 2525E	1	112	26	66	.3	14	11	282	3.52	8	5	ND	1	30	.6	3	2	68	.53	.046	35	12	.37	80	.07	2	2.92	.01	.05	1	10
L3000N 2550E	1	117	28	65	.5	14	10	222	3.35	17	5	ND	1	28	.8	3	2	64	.51	.043	37	12	.30	76	.08	2	3.04	.02	.05	1	2
L3000N 2625E	1	48	19	55	.4	6	2	81	.59	2	5	ND	1	101	.8	2	2	14	2.41	.069	25	6	.21	56	.01	6	.61	.02	.06	1	1
L3000N 2650E	1	43	15	50	.1	9	5	174	2.66	4	5	ND	2	23	.4	2	2	66	.37	.016	26	10	.33	81	.10	2	1.33	.02	.05	1	1
L3000N 2675E	1	42	16	54	.2	9	6	256	3.03	2	5	ND	2	25	.4	2	2	68	.45	.022	32	10	.40	76	.09	2	1.64	.02	.05	1	1
L3000N 2700E	1	78	13	51	.1	9	8	302	3.25	5	5	ND	1	25	.7	2	2	87	.49	.020	24	8	.46	64	.14	2	1.51	.02	.05	1	1
L3000N 2725E	1	41	15	62	.2	9	5	356	2.76	2	5	ND	2	27	.5	2	2	62	.47	.021	30	10	.34	79	.09	2	1.45	.01	.05	1	1
L3000N 2750E	1	39	13	51	.1	8	5	102	3.23	11	5	ND	1	17	.4	2	2	68	.16	.029	10	7	.26	50	.12	2	1.35	.02	.03	1	1
L3000N 2775E	1	45	12	54	.1	9	5	98	3.01	3	5	ND	1	18	.4	2	2	61	.18	.029	14	9	.34	48	.08	2	1.49	.01	.03	1	1
L3000N 2800E	1	45	16	64	.1	10	6	112	3.03	8	5	ND	1	16	.4	2	2	67	.16	.029	14	9	.39	57	.09	2	1.58	.02	.03	1	1
L3000N 2825E	1	130	37	79	.8	16	20	3706	3.01	5	5	ND	1	42	1.1	2	2	50	.58	.074	71	14	.29	132	.10	3	3.12	.03	.07	1	1
L3000N 2850E	1	119	23	69	2.1	18	19	2728	3.09	11	8	ND	1	37	.7	2	2	61	.52	.083	71	13	.36	115	.07	2	3.05	.02	.08	1	1
L3000N 2875E	1	129	25	62	.7	16	19	2763	3.05	3	5	ND	1	38	.6	2	2	51	.51	.073	69	14	.30	112	.10	3	3.16	.02	.08	1	1
L3000N 2900E	1	127	26	73	.9	17	17	2692	3.14	7	6	ND	1	40	.9	3	2	51	.54	.071	70	15	.30	117	.11	2	3.19	.03	.08	1	1
L3000N 2925E	1	11	6	38	.1	6	4	88	1.83	2	5	ND	1	8	.2	2	2	61	.10	.023	21	7	.19	50	.03	2	.78	.01	.03	1	1
L3000N 2950E	1	20	7	58	.1	19	17	470	4.03	6	5	ND	5	6	.2	2	2	96	.08	.033	18	10	.78	37	.04	2	1.32	.01	.09	1	6
L3000N 2975E	1	13	5	46	.1	9	5	107	2.29	4	5	ND	1	6	.3	2	2	66	.07	.027	21	8	.31	45	.03	2	.98	.01	.04	1	10
L3000N 3000E	1	26	18	132	.4	6	5	2239	2.26	10	5	ND	2	29	.8	2	2	37	.34	.398	4	9	.10	512	.13	6	3.62	.02	.05	1	1
L2900N 2500E	1	12	17	86	.1	9	7	242	2.51	10	5	ND	3	4	.2	3	3	31	.03	.032	25	9	.34	61	.04	2	1.46	.01	.04	1	1
L2900N 2525E	1	13	18	83	.1	9	7	229	2.61	5	5	ND	5	4	.4	2	2	33	.03	.032	27	10	.36	64	.04	2	1.52	.01	.05	1	1
L2900N 2550E	1	20	22	161	.3	12	10	499	2.67	5	5	ND	5	8	.8	2	2	29	.10	.095	14	9	.28	87	.09	2	4.06	.02	.06	1	2
L2900N 2575E	2	27	111	408	.8	19	16	1440	3.63	9	5	ND	6	9	1.3	4	2	32	.10	.067	21	12	.39	134	.05	2	2.45	.01	.08	1	1
L2900N 2600E	1	29	117	352	.2	26	18	434	3.64	17	5	ND	10	6	1.2	4	2	30	.05	.039	23	10	.49	107	.05	2	2.26	.01	.06	1	290
L2900N 2625E	1	14	47	121	.1	11	7	229	4.12	10	5	ND	7	6	.6	3	3	30	.05	.072	22	12	.32	58	.05	2	2.02	.01	.05	1	18
L2900N 2650E	1	13	59	136	.6	11	11	587	3.54	10	5	ND	6	7	.4	3	2	28	.08	.081	20	11	.29	71	.07	2	2.03	.01	.06	1	14
L2900N 2675E	1	8	14	63	.1	11	8	360	1.96	8	5	ND	10	4	.2	2	2	9	.03	.026	31	7	.28	42	.01	2	.68	.01	.13	1	3
L2900N 2700E	1	17	26	109	.1	13	8	890	2.29	5	5	ND	2	14	.7	2	2	14	.15	.044	26	11	.42	103	.02	3	1.48	.02	.18	1	1
STANDARD C/AU-S	19	62	38	130	7.1	73	31	1052	3.96	42	18	8	39	53	19.0	15	20	60	.46	.095	41	60	.89	180	.08	33	1.90	.06	.13	11	53

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 12 1990 DATE REPORT MAILED: Oct 17/90 SIGNED BY. [signature] D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2900N 2725E	3	17	14	71	.3	10	4	219	3.09	2	5	ND	10	4	.2	2	2	11	.04	.041	25	8	.43	40	.01	2	.88	.01	.14	1	3
L2900N 2750E	4	11	63	77	.2	11	14	1484	3.69	4	5	ND	7	4	.2	2	2	33	.03	.035	22	14	.46	62	.06	4	1.32	.01	.09	1	3
L2900N 2775E	1	2	18	78	.2	4	2	147	1.12	2	5	ND	2	5	.2	2	2	24	.04	.020	16	6	.11	59	.06	2	.60	.02	.05	1	25
L2900N 2800E	1	8	24	55	.4	5	4	139	2.81	2	5	ND	3	5	.2	2	2	31	.09	.071	21	9	.21	55	.03	9	1.01	.01	.05	1	16
L2900N 2825E	1	9	51	100	.4	11	6	142	2.65	11	5	ND	7	5	.2	3	2	23	.03	.032	22	8	.39	70	.03	2	1.34	.01	.05	1	2
L2900N 2850E	1	10	62	53	.3	7	10	429	1.33	2	5	ND	1	9	.3	2	2	20	.10	.028	27	6	.12	82	.02	2	.88	.01	.04	1	4
L2900N 2875E	1	3	32	56	.4	6	3	206	2.55	7	5	ND	4	8	.2	3	2	34	.08	.044	20	7	.17	59	.06	4	1.03	.01	.05	1	36
L2900N 2900E	1	5	22	39	.4	5	3	109	2.56	4	5	ND	5	6	.2	2	2	26	.05	.032	20	8	.19	40	.03	2	.80	.01	.04	1	3
L2900N 2925E	1	1	20	46	.3	6	3	127	2.67	6	5	ND	5	6	.2	3	2	33	.04	.054	14	9	.22	40	.08	2	1.65	.02	.04	1	2
L2900N 2950E	1	22	30	77	.5	8	6	587	2.08	5	5	ND	1	13	.2	2	2	30	.26	.061	11	8	.25	91	.05	4	1.63	.01	.06	1	1
L2900N 2975E	1	15	22	48	1.0	7	4	186	2.16	3	5	ND	1	15	.2	2	2	64	.21	.027	9	7	.15	55	.13	4	.87	.02	.05	1	7
L2900N 3000E	1	89	18	60	.5	18	12	210	4.54	4	5	ND	4	7	.2	2	2	88	.08	.043	13	10	.69	47	.04	4	2.06	.01	.04	1	2
L2900N 3000E (DUP)	2	51	55	142	.1	21	30	7945	3.23	8	5	ND	4	18	.3	4	2	53	.20	.086	24	15	.35	142	.11	5	2.84	.02	.08	1	5
L2900N 3025E	1	12	21	49	.2	7	4	265	2.58	2	5	ND	5	7	.2	2	2	29	.13	.042	19	10	.21	48	.05	3	1.21	.01	.05	1	5
L2900N 3050E	1	4	9	30	.2	3	2	74	.84	2	5	ND	3	12	.2	3	2	19	.22	.013	20	5	.13	67	.02	5	.78	.01	.04	1	2
L2900N 3075E	2	14	45	45	.5	16	8	150	2.88	3	18	ND	3	26	.2	3	2	29	.37	.032	43	14	.29	96	.05	2	2.00	.01	.05	1	3
L2900N 3100E	1	11	33	52	.5	18	10	754	2.45	5	7	ND	1	31	.2	3	2	24	.45	.039	31	13	.35	113	.05	3	2.13	.02	.05	1	2
L2900N 3125E	1	1	10	44	.3	4	2	207	1.11	3	5	ND	2	6	.2	3	2	26	.06	.019	17	6	.11	78	.07	2	.63	.01	.04	1	2
L2900N 3150E	1	15	39	122	.3	12	6	272	2.75	10	5	ND	6	8	.2	3	2	27	.08	.107	19	14	.46	60	.06	5	2.87	.01	.08	1	2
L2900N 3175E	1	2	16	61	.3	6	2	122	1.41	2	5	ND	1	10	.2	3	2	25	.17	.036	11	7	.12	60	.07	3	.66	.01	.05	1	1
L2900N 3200E	1	6	19	33	.3	5	3	749	1.29	2	5	ND	2	9	.2	2	2	24	.08	.024	24	8	.09	77	.04	3	.76	.01	.04	1	2
L2900N 3225E	3	9	30	67	.6	13	7	154	3.57	10	5	ND	11	8	1.7	7	4	28	.04	.041	20	15	.41	55	.04	6	2.06	.02	.05	4	3
L2900N 3250E	1	18	186	193	.5	24	23	2455	3.58	43	5	ND	3	20	1.8	6	2	33	.38	.063	33	18	.50	103	.07	2	2.73	.02	.07	1	1
L2900N 3275E	1	23	83	96	.7	17	5	420	2.81	23	5	ND	3	16	4.3	3	2	48	.30	.032	67	14	.24	75	.14	4	1.19	.02	.07	1	2
L2900N 3300E	1	17	25	68	.4	11	5	188	3.40	16	5	ND	4	8	.2	3	3	46	.10	.111	14	15	.36	55	.06	3	1.52	.01	.06	1	2
L2900N 3325E	1	19	19	54	.3	12	6	133	2.74	12	5	ND	7	5	.2	3	2	35	.02	.034	22	17	.53	40	.03	5	1.94	.01	.05	1	3
L2900N 3350E	1	56	26	61	.3	29	7	348	3.09	12	5	ND	3	33	.2	5	2	49	.17	.072	8	33	.37	78	.07	4	1.79	.01	.04	1	3
L2900N 3375E	1	18	32	89	.2	16	32	1819	2.43	8	5	ND	2	17	.3	2	2	35	.19	.044	16	21	.51	139	.07	3	1.37	.01	.06	1	4
L2900N 3400E	1	11	51	100	.7	12	6	203	3.01	17	5	ND	6	7	.2	7	2	38	.06	.094	10	17	.25	58	.12	2	3.88	.02	.05	1	9
L2900N 3425E	1	22	339	64	.1	13	109	4884	1.96	8	5	ND	1	19	.8	3	2	30	.18	.040	54	20	.32	95	.03	3	1.70	.01	.05	1	2
L2900N 3450E	1	1	18	47	.4	7	4	200	1.67	3	5	ND	4	7	.2	2	2	33	.06	.026	13	10	.16	49	.08	3	1.01	.01	.05	1	6
L2900N 3475E	1	9	41	108	.4	14	8	456	2.70	11	5	ND	6	8	.2	6	6	31	.07	.084	8	18	.22	65	.10	4	3.12	.02	.07	1	3
L2900N 3500E	1	3	32	38	.4	7	3	118	2.18	9	5	ND	5	4	.2	4	3	31	.03	.044	10	11	.15	35	.08	2	1.68	.01	.04	1	10
L2800N 2500E	2	102	63	65	1.3	25	12	347	4.11	9	5	ND	3	23	.2	3	2	34	.24	.067	17	14	.44	145	.06	4	2.52	.02	.10	1	5
L2800N 2525E	1	26	21	56	.4	13	8	186	3.04	9	5	ND	8	4	.2	2	4	31	.03	.025	28	9	.67	51	.02	3	1.56	.01	.07	1	9
L2800N 2550E	1	45	34	49	.5	11	5	81	4.20	15	5	ND	4	7	.2	7	3	57	.06	.037	18	10	.29	90	.08	6	2.30	.01	.06	1	4
STANDARD C/AU-S	19	57	38	131	7.0	73	31	1056	3.97	41	18	7	39	52	18.4	15	22	60	.44	.094	39	58	.90	181	.07	37	1.89	.06	.13	13	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2800N 2575E	2	185	46	119	.6	27	19	2514	5.33	6	5	ND	5	27	1.6	2	2	92	.71	.054	24	14	.90	241	.08	2	5.03	.02	.12	2	11
L2800N 2600E	1	47	22	62	.6	11	9	162	4.08	5	5	ND	4	17	.2	2	2	64	.49	.035	15	8	.51	84	.14	2	2.83	.02	.05	1	5
L2800N 2625E	1	19	9	47	.1	8	8	150	3.69	8	5	ND	4	5	.2	2	2	98	.06	.030	20	7	.68	57	.09	2	1.42	.01	.04	1	3
L2800N 2650E	1	18	25	74	.2	12	13	188	3.84	10	5	ND	4	8	.2	4	2	65	.10	.031	5	10	.33	66	.18	2	5.71	.02	.06	1	3
L2800N 2675E	1	12	25	72	.2	7	5	164	2.82	6	5	ND	5	5	.2	2	2	46	.06	.033	21	13	.27	89	.06	2	1.54	.01	.06	1	7
L2800N 2700E	2	13	224	167	.8	6	6	232	4.40	13	5	ND	5	5	.2	2	3	51	.03	.050	9	15	.23	66	.12	2	3.53	.02	.06	1	4
L2800N 2725E	1	10	51	59	.5	8	5	169	3.05	6	5	ND	7	5	.3	2	4	39	.02	.052	12	12	.17	74	.10	2	2.93	.02	.05	2	15
L2800N 2750E	2	13	34	54	.3	10	6	87	3.76	8	5	ND	9	4	.2	2	2	31	.02	.046	29	12	.34	33	.06	2	1.35	.01	.05	1	67
L2800N 2775E	1	17	109	133	.1	12	9	353	3.42	5	5	ND	6	5	.2	2	2	32	.03	.076	15	13	.37	60	.09	2	3.51	.01	.06	1	37
L2800N 2800E	1	10	41	93	.2	6	3	62	2.07	5	5	ND	1	13	.2	2	2	35	.18	.025	25	8	.15	142	.03	2	1.31	.02	.04	2	12
L2800N 2825E	2	10	83	176	.2	11	10	511	3.69	3	5	ND	5	12	.2	3	2	34	.17	.034	18	11	.28	131	.12	2	1.61	.02	.06	3	27
L2800N 2850E	2	31	86	167	.3	28	24	416	4.46	17	5	ND	4	15	.4	3	2	31	.22	.071	15	14	.50	134	.05	2	2.74	.02	.10	2	13
L2800N 2875E	1	13	32	59	.2	11	8	331	2.90	6	5	ND	2	5	.4	2	2	31	.04	.045	25	13	.73	66	.04	4	1.46	.01	.07	1	2
L2800N 2900E	1	8	26	51	.1	6	8	135	2.35	8	5	ND	2	11	.2	2	3	35	.13	.027	25	7	.14	76	.08	2	1.08	.02	.05	1	1
L2800N 2925E	1	6	20	38	.1	6	4	65	1.83	8	5	ND	4	3	.2	2	4	22	.01	.021	25	7	.21	41	.02	2	1.06	.01	.05	1	2
L2800N 2950E	1	13	37	46	.3	5	3	66	3.08	8	5	ND	5	8	.2	2	2	31	.09	.046	13	9	.15	48	.05	2	2.09	.02	.04	1	2
L2800N 2975E	1	143	39	89	.3	16	32	1334	3.60	10	5	ND	3	16	.4	2	7	66	.32	.057	41	11	.69	120	.03	2	2.42	.01	.10	1	8
L2800N 3000E	1	105	70	118	.1	16	10	235	4.36	9	5	ND	3	7	.2	2	2	88	.11	.045	19	10	.64	108	.06	2	2.03	.01	.08	1	2
L2800N 3000E (DUP)	1	43	48	88	.4	14	8	346	3.97	10	5	ND	2	10	.2	4	2	80	.17	.071	14	11	.34	95	.08	2	1.75	.01	.09	1	5
L2800N 3025E	1	55	43	105	.2	17	15	721	3.98	6	5	ND	2	21	.4	2	3	63	.44	.038	20	13	.51	153	.07	2	3.07	.02	.09	1	2
L2800N 3050E	1	20	32	72	.2	10	9	487	2.78	4	5	ND	1	15	.2	2	2	43	.20	.028	19	9	.51	87	.06	2	1.70	.02	.06	1	3
L2800N 3075E	1	15	18	75	.1	10	9	839	2.74	2	5	ND	1	15	.5	2	2	32	.24	.043	18	11	.43	107	.05	2	1.48	.01	.08	2	3
L2800N 3100E	1	11	18	71	.1	8	10	947	2.60	3	5	ND	1	15	.2	2	2	32	.25	.040	18	10	.39	105	.05	2	1.30	.01	.07	2	7
L2800N 3125E	1	19	42	60	.5	11	28	611	2.89	7	5	ND	1	30	.7	2	2	29	.50	.052	34	11	.30	141	.06	2	2.25	.02	.06	1	1
L2800N 3150E	1	10	27	74	.4	10	7	279	3.25	9	5	ND	5	15	.3	3	2	32	.24	.071	14	11	.27	117	.10	2	2.23	.02	.07	1	10
L2800N 3175E	1	7	5	38	.1	11	5	257	2.05	2	5	ND	6	11	.2	2	2	15	.11	.025	28	10	.66	80	.01	2	1.41	.01	.11	2	1
L2800N 3200E	1	10	13	57	.1	7	4	192	2.71	5	5	ND	4	6	.2	2	8	20	.06	.039	23	12	.33	44	.04	2	1.62	.01	.05	1	2
L2800N 3225E	1	15	33	77	.6	9	13	412	2.56	8	5	ND	6	7	.2	4	2	25	.04	.035	24	12	.33	71	.05	2	1.73	.01	.06	3	5
L2800N 3250E	1	5	22	54	.2	7	4	88	3.04	4	5	ND	4	6	.2	3	2	35	.04	.030	18	9	.18	47	.07	3	1.19	.01	.04	1	1
L2800N 3275E	1	4	18	46	.1	6	3	87	1.94	5	5	ND	3	5	.2	2	2	25	.06	.028	14	6	.13	48	.07	2	1.02	.01	.04	1	1
L2800N 3300E	1	9	25	62	.1	9	16	904	1.87	2	5	ND	2	9	1.0	2	3	25	.07	.025	15	11	.33	71	.04	3	1.17	.01	.06	2	2
L2800N 3325E	1	14	15	116	.1	14	5	206	2.78	11	5	ND	6	6	.2	3	4	28	.05	.028	12	18	.57	66	.07	2	1.81	.01	.06	1	6
L2800N 3350E	1	83	116	106	.6	18	104	1703	3.00	39	5	ND	1	10	1.4	6	2	36	.12	.079	17	14	.38	93	.06	2	1.99	.01	.06	3	5
L2800N 3375E	1	34	49	79	.2	14	6	146	2.86	18	5	ND	4	5	.6	4	2	42	.05	.042	12	19	.45	44	.04	2	1.94	.01	.04	1	1
L2800N 3400E	1	25	72	83	.3	20	11	190	1.87	8	5	ND	1	16	.2	2	2	37	.17	.021	12	20	.44	124	.12	3	1.59	.02	.06	1	1
L2800N 3425E	1	25	45	80	.1	17	13	1627	2.36	11	5	ND	2	13	.3	5	2	42	.14	.063	11	26	.40	156	.08	2	1.63	.01	.06	1	1
STANDARD C/AU-S	19	60	43	133	7.4	72	32	1058	3.98	42	21	7	40	52	19.2	16	21	58	.45	.094	40	60	.91	189	.08	34	1.90	.06	.13	11	55

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2800N 3450E	1	9	25	39	.1	10	3	181	1.91	8	5	ND	4	9	.2	2	2	46	.13	.038	20	17	.25	54	.07	2	1.30	.01	.05	1	2
L2800N 3475E	1	20	32	57	.4	14	5	287	2.47	11	5	ND	6	14	.7	3	2	29	.04	.040	21	20	.38	40	.04	13	1.43	.01	.05	1	25
L2800N 3500E	1	2	19	45	.3	6	3	177	2.27	6	5	ND	2	5	.3	3	2	34	.03	.070	10	11	.11	35	.09	2	1.57	.02	.05	1	2
L2700N 2500E	1	5	23	91	.4	8	5	311	2.72	3	5	ND	4	7	.2	3	2	30	.06	.064	21	10	.31	101	.07	2	1.81	.01	.06	1	3
L2700N 2525E	1	21	28	74	.3	9	5	833	2.49	3	5	ND	2	18	.7	2	2	32	.16	.044	22	10	.25	158	.09	14	1.11	.02	.07	1	3
L2700N 2550E	1	21	32	44	.1	13	14	393	2.55	6	5	ND	8	6	.2	2	2	14	.03	.030	29	8	.34	42	.02	2	.94	.01	.06	1	52
L2700N 2575E	1	6	33	42	.1	6	2	76	1.79	2	5	ND	1	18	.3	2	2	29	.11	.025	23	6	.13	74	.11	2	.84	.02	.05	1	15
L2700N 2600E	1	17	27	91	.1	8	5	129	3.66	5	5	ND	3	10	.4	2	2	45	.16	.030	23	10	.27	104	.04	2	1.27	.01	.06	1	7
L2700N 2625E	2	22	22	86	.2	13	8	378	2.97	15	5	ND	2	14	.4	4	2	54	.22	.067	12	10	.61	106	.08	7	3.80	.02	.04	2	3
L2700N 2650E	3	619	70	479	1.9	68	17	1499	5.03	17	9	ND	8	19	2.0	5	2	97	.29	.058	20	16	.91	192	.16	4	5.95	.03	.11	1	8
L2700N 2675E	2	94	108	202	.4	26	20	492	4.90	18	5	ND	9	7	.6	3	2	94	.07	.043	24	13	1.38	61	.06	2	2.36	.01	.15	1	79
L2700N 2700E	1	35	23	153	.5	23	13	251	3.76	10	5	ND	4	7	.6	4	2	85	.05	.051	8	11	.50	67	.15	2	4.06	.02	.06	1	3
L2700N 2725E	2	14	30	75	.2	11	6	113	3.63	19	5	ND	11	5	.2	4	2	35	.02	.059	17	13	.29	53	.06	2	2.72	.01	.05	1	6
L2700N 2750E	1	12	20	132	.1	15	9	154	2.94	10	5	ND	9	8	.4	5	2	36	.04	.042	21	16	.41	100	.06	3	2.33	.01	.08	1	9
L2700N 2775E	2	8	168	59	6.5	9	3	97	3.01	19	5	ND	5	5	.5	6	2	37	.03	.088	6	11	.13	47	.15	2	6.25	.02	.03	2	4
L2700N 2800E	1	2	72	64	.8	7	4	140	2.89	10	5	ND	4	4	.2	5	2	44	.02	.048	9	11	.11	45	.12	3	2.81	.02	.04	1	2
L2700N 2825E	2	19	138	116	.6	14	16	555	2.62	6	5	ND	1	6	.6	3	2	29	.03	.035	31	12	.38	118	.04	6	1.70	.01	.08	1	29
L2700N 2850E	2	23	114	129	.2	17	8	132	3.49	10	7	ND	12	5	.2	2	2	20	.03	.039	33	13	.50	42	.01	3	1.64	.01	.09	1	51
L2700N 2875E	1	7	43	76	.2	8	5	182	2.76	9	5	ND	4	4	.2	2	2	38	.03	.044	18	12	.16	50	.06	2	2.30	.01	.06	1	17
L2700N 2900E	1	4	22	32	.1	5	2	46	1.45	5	5	ND	5	3	.2	2	3	28	.02	.021	34	6	.12	27	.04	3	.79	.01	.04	1	5
L2700N 2925E	2	11	40	72	.2	13	7	254	3.71	16	5	ND	9	8	.4	5	2	37	.06	.106	18	16	.31	52	.08	2	2.55	.01	.07	1	1
L2700N 2950E	1	20	20	69	.1	17	8	158	3.41	15	6	ND	13	4	.3	5	2	31	.02	.061	28	15	.71	48	.03	2	2.42	.01	.04	1	1
L2700N 2975E	1	11	34	73	.1	11	6	167	3.14	10	5	ND	8	4	.2	4	2	33	.02	.054	24	14	.42	53	.03	2	2.53	.01	.05	1	97
L2700N 3000E	1	20	39	83	.3	12	7	164	3.09	8	5	ND	3	8	.2	4	2	44	.08	.029	26	12	.47	84	.08	3	1.95	.01	.06	1	12
L2700N 3025E	1	27	32	86	.4	10	7	378	2.59	7	5	ND	2	14	.4	2	2	35	.35	.037	17	10	.32	91	.05	2	1.77	.02	.06	1	4
L2700N 3050E	1	28	40	70	.3	12	7	147	2.85	10	5	ND	3	9	.3	3	2	57	.15	.025	16	12	.33	83	.07	3	1.80	.02	.06	1	3
L2700N 3075E	1	8	24	63	.1	10	5	188	2.84	9	5	ND	3	10	.2	3	2	46	.12	.064	21	10	.34	50	.06	2	1.26	.01	.06	1	2
L2700N 3100E	2	5	32	78	.2	10	4	247	6.39	15	5	ND	5	6	.8	5	2	75	.04	.088	14	19	.28	61	.12	6	2.11	.01	.05	1	5
L2700N 3125E	1	5	31	71	.1	11	6	280	5.46	11	5	ND	4	7	.2	3	2	66	.05	.064	12	17	.26	61	.13	2	1.82	.02	.06	1	3
L2700N 3150E	1	8	20	71	.2	11	6	195	3.40	8	5	ND	7	5	.2	2	2	41	.03	.034	22	16	.44	58	.07	2	2.30	.01	.06	1	2
L2700N 3175E	1	4	48	87	.4	10	5	204	5.54	18	5	ND	6	7	.2	5	2	58	.04	.059	13	18	.28	60	.13	7	2.47	.02	.06	1	3
L2700N 3200E	1	12	30	63	.3	10	4	132	4.00	12	5	ND	6	6	.2	3	2	46	.03	.042	18	15	.28	36	.06	2	1.72	.01	.05	1	1
L2700N 3225E	1	1	27	61	.2	8	3	85	3.36	12	5	ND	4	8	.2	4	2	48	.05	.058	8	11	.15	51	.15	2	2.06	.02	.04	1	1
L2700N 3250E	1	9	14	56	.2	8	3	135	1.62	4	5	ND	3	6	.5	2	3	23	.04	.030	23	10	.23	41	.02	3	.88	.01	.04	1	1
L2700N 3275E	1	1	9	17	.1	4	1	68	.81	4	5	ND	3	4	.2	2	2	19	.03	.015	16	5	.11	19	.04	2	.70	.01	.03	1	3
L2700N 3300E	1	17	23	65	.1	13	4	204	3.51	10	5	ND	6	5	.2	4	2	30	.03	.039	21	18	.67	42	.03	2	1.60	.01	.04	1	2
STANDARD C/AU-S	20	57	42	132	7.3	73	32	1055	3.97	42	21	7	38	52	18.4	15	22	57	.45	.095	38	60	.90	183	.08	35	1.89	.06	.13	12	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2700N 3325E	2	8	25	61	.4	8	5	126	3.53	7	5	ND	4	6	.2	2	2	45	.03	.060	13	15	.35	39	.10	2	1.72	.01	.05	1	6
L2700N 3350E	1	7	16	49	.3	7	4	82	2.46	2	5	ND	5	6	.2	4	2	36	.03	.038	13	10	.15	43	.09	2	1.87	.01	.04	1	9
L2700N 3375E	1	19	24	71	.3	17	8	171	2.67	8	5	ND	9	5	.5	2	2	18	.02	.039	24	13	.55	65	.04	5	2.38	.01	.04	3	3
L2700N 3400E	2	2	30	71	.3	8	4	242	4.11	4	5	ND	4	8	.4	4	2	57	.07	.047	7	25	.64	31	.21	2	2.56	.02	.06	2	1
L2700N 3425E	1	9	22	49	.5	4	4	108	3.59	6	5	ND	6	4	.2	2	2	50	.03	.081	5	20	.25	29	.18	4	5.38	.02	.04	1	1
L2700N 3450E	1	13	27	68	.1	4	5	94	3.10	3	5	ND	6	5	.2	2	2	42	.02	.037	8	15	.18	43	.13	2	3.72	.02	.04	1	1
L2700N 3475E	2	18	33	62	.4	6	5	179	3.61	8	5	ND	5	5	.2	2	2	50	.03	.065	5	14	.13	40	.15	3	5.17	.02	.03	3	1
L2700N 3500E	1	32	39	72	1.0	9	9	126	4.86	11	5	ND	6	5	.6	2	3	56	.03	.083	8	34	.19	46	.14	2	6.46	.02	.04	1	1
L2600N 2500E	1	16	22	114	.1	10	13	551	3.75	6	5	ND	3	9	.5	2	2	27	.06	.332	19	12	.43	120	.11	4	2.99	.02	.06	1	1
L2600N 2525E	1	22	25	78	.4	8	8	282	3.39	11	5	ND	5	6	.8	4	2	30	.05	.068	17	10	.21	76	.10	2	2.52	.01	.05	2	1
L2600N 2550E	1	13	46	56	.4	5	6	251	2.83	6	5	ND	3	8	.8	2	2	20	.07	.037	21	9	.16	80	.05	4	1.34	.01	.05	1	14
L2600N 2575E	1	10	13	95	.1	8	5	211	2.74	6	5	ND	1	16	.3	2	2	23	.12	.032	24	8	.22	91	.04	2	1.13	.01	.05	1	23
L2600N 2600E	1	16	16	81	.2	8	8	446	2.28	5	5	ND	3	6	.2	2	2	20	.05	.042	22	7	.26	65	.04	3	1.92	.01	.06	1	11
L2600N 2625E	1	11	17	53	.1	7	5	81	3.10	6	5	ND	6	4	.2	2	3	31	.02	.030	28	7	.23	35	.05	2	1.25	.01	.04	2	35
L2600N 2650E	1	17	29	64	.1	11	7	61	1.63	2	5	ND	1	10	.9	2	2	20	.14	.031	19	8	.22	54	.08	3	1.51	.02	.05	1	35
L2600N 2675E	1	56	46	258	1.0	21	11	848	3.31	12	11	ND	3	22	1.3	4	2	35	.48	.058	20	12	.44	128	.05	3	2.20	.01	.07	2	65
L2600N 2700E	1	11	22	113	.3	12	11	1269	3.06	7	8	ND	2	7	.4	3	2	34	.07	.063	18	10	.50	93	.06	3	1.88	.01	.09	1	3
L2600N 2725E	1	5	29	52	.1	7	3	106	2.12	5	5	ND	3	4	.2	2	2	36	.03	.019	23	10	.19	61	.05	2	1.43	.01	.04	1	13
L2600N 2750E	1	10	30	76	.5	8	5	109	2.99	7	5	ND	5	12	.2	2	2	39	.20	.055	11	10	.22	60	.09	2	3.20	.02	.04	1	11
L2600N 2775E	1	5	41	60	.4	3	3	86	2.77	5	5	ND	4	3	.2	2	2	53	.03	.034	17	10	.21	74	.07	2	2.52	.01	.04	1	9
L2600N 2800E	2	22	33	70	.3	10	8	144	3.45	9	5	ND	8	4	.2	3	9	62	.02	.042	27	8	.72	39	.02	3	1.63	.01	.06	2	7
L2600N 2825E	7	36	61	83	.2	12	9	110	5.34	9	5	ND	8	5	.2	2	2	63	.02	.046	24	8	.51	47	.03	2	1.60	.01	.09	1	36
L2600N 2850E	1	4	27	51	.7	5	4	223	2.74	6	5	ND	3	8	.4	2	2	45	.05	.067	6	9	.07	44	.13	2	4.69	.02	.03	1	12
L2600N 2875E	1	11	28	84	.5	7	6	175	3.58	7	5	ND	5	6	.2	2	2	43	.04	.115	11	16	.21	53	.10	3	4.79	.01	.06	2	5
L2600N 2900E	2	13	26	82	.1	11	7	158	5.52	11	5	ND	7	6	.2	2	2	44	.03	.090	17	16	.30	43	.10	2	1.90	.01	.06	1	30
L2600N 2925E	1	27	45	79	.2	18	9	176	3.57	13	5	ND	12	6	.2	2	4	28	.03	.037	30	11	.64	29	.04	3	1.85	.01	.06	1	23
L2600N 2950E	1	12	40	100	.3	13	8	186	4.28	8	5	ND	8	6	.2	2	2	40	.04	.072	10	16	.25	52	.11	2	5.19	.01	.06	1	1
L2600N 2975E	1	8	30	90	.2	9	7	704	4.53	11	5	ND	5	6	.2	2	2	43	.04	.083	10	12	.18	69	.14	2	2.73	.02	.05	1	5
L2600N 3000E	1	17	27	170	.4	13	12	526	3.56	12	5	ND	3	8	.4	2	3	38	.11	.113	15	13	.32	80	.07	3	1.43	.01	.07	1	4
L2600N 3025E	2	87	113	108	.7	17	15	2464	3.39	9	5	ND	1	18	.6	2	2	44	.34	.065	29	12	.51	135	.06	2	2.99	.02	.09	1	2
L2600N 3050E	1	41	35	99	.6	12	8	199	3.00	11	5	ND	3	11	.2	3	2	42	.22	.032	21	8	.38	92	.05	2	1.78	.01	.06	1	2
L2600N 3075E	1	21	22	62	.1	8	6	200	3.22	6	5	ND	3	8	.3	2	2	75	.17	.027	15	9	.34	61	.07	2	1.50	.01	.05	1	7
L2600N 3100E	1	15	12	78	.3	6	7	221	3.64	8	5	ND	6	5	.2	2	2	38	.04	.117	12	13	.23	61	.09	3	3.50	.02	.05	1	17
L2600N 3125E	1	15	15	48	.1	12	7	121	3.23	8	5	ND	7	4	.2	2	2	39	.02	.048	19	12	.47	36	.06	4	2.00	.01	.05	1	19
L2600N 3150E	1	7	16	42	.1	7	3	112	2.41	6	5	ND	4	5	.2	2	4	40	.03	.033	15	9	.23	36	.08	2	1.73	.01	.04	2	1
L2600N 3175E	1	9	17	66	.1	11	6	130	4.47	9	5	ND	7	5	.2	2	2	43	.02	.042	13	15	.35	40	.12	5	2.88	.01	.05	1	1
STANDARD C/AU-S	19	58	43	133	7.3	73	32	1055	3.97	42	18	7	39	52	19.2	15	23	58	.44	.093	40	61	.90	182	.08	33	1.89	.06	.13	13	54

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2600N 3200E	1	1	22	47	.4	7	2	91	3.06	6	5	ND	5	5	.2	2	2	41	.04	.034	6	11	.13	43	.13	2	2.71	.02	.04	1	5
L2600N 3225E	1	9	14	64	.2	11	5	171	4.56	11	5	ND	7	5	.2	2	2	38	.03	.069	6	16	.24	44	.13	2	5.02	.01	.05	1	6
L2600N 3250E	1	6	14	68	.3	10	4	229	3.57	9	5	ND	7	5	.2	2	2	35	.03	.048	8	12	.26	54	.11	2	2.46	.01	.05	1	3
L2600N 3275E	1	10	15	44	.2	10	4	96	4.78	2	5	ND	10	3	.2	2	2	29	.02	.041	13	16	.35	39	.06	2	3.17	.01	.04	1	3
L2600N 3300E	1	10	14	74	.2	12	6	236	4.83	8	5	ND	7	5	.2	2	2	43	.02	.050	13	17	.35	40	.09	2	2.45	.01	.06	1	2
L2600N 3325E	1	3	15	60	.1	8	3	226	5.47	17	5	ND	5	6	.2	3	2	62	.02	.070	8	15	.22	48	.18	2	2.64	.02	.06	1	1
L2600N 3350E	1	11	19	64	.5	10	4	124	5.73	9	5	ND	9	8	.2	2	2	43	.02	.090	7	22	.24	43	.14	2	6.19	.01	.05	1	4
L2600N 3375E	1	5	21	80	.2	11	6	149	5.68	6	5	ND	8	6	.2	2	2	51	.02	.067	10	16	.28	51	.14	2	3.09	.01	.06	1	2
L2600N 3400E	1	4	23	45	.1	9	4	487	3.80	11	5	ND	3	5	.2	2	2	49	.02	.071	5	12	.16	52	.17	2	2.97	.02	.04	1	1
L2600N 3425E	1	1	19	45	.1	6	2	81	3.69	3	5	ND	5	5	.2	2	2	50	.02	.047	6	11	.15	34	.18	3	2.53	.02	.04	1	1
L2600N 3450E	1	1	21	49	.2	9	2	117	3.05	2	5	ND	5	11	.2	2	2	41	.02	.036	14	12	.37	33	.15	2	1.42	.01	.06	1	1
L2600N 3475E	1	6	31	59	.2	8	3	195	2.55	7	5	ND	4	5	.3	2	2	32	.03	.086	6	11	.19	29	.12	2	3.24	.02	.05	1	1
L2600N 3500E	1	19	33	46	.3	9	3	99	3.09	6	5	ND	6	4	.2	2	2	37	.02	.039	7	14	.22	35	.11	2	3.72	.02	.03	1	1
L2500N 2500E	1	28	23	253	.3	26	27	657	5.17	11	5	ND	11	9	.5	2	2	31	.06	.106	10	14	.32	167	.09	2	4.40	.01	.07	1	25
L2500N 2525E	2	10	23	37	.3	7	3	62	2.35	5	5	ND	5	11	.2	2	2	23	.04	.023	20	7	.18	83	.04	2	1.05	.01	.06	1	6
L2500N 2550E	1	6	13	35	.2	5	2	31	2.00	2	5	ND	3	4	.2	2	2	18	.02	.025	30	5	.19	27	.02	3	.77	.01	.03	1	13
L2500N 2575E	1	6	19	47	.4	7	3	43	4.49	4	5	ND	4	20	.2	2	2	27	.19	.020	18	6	.21	68	.04	2	1.24	.01	.05	1	24
L2500N 2600E	1	11	42	62	.2	8	3	113	3.03	5	5	ND	3	10	.3	2	2	28	.09	.031	13	7	.10	73	.07	5	1.81	.01	.05	1	3
L2500N 2625E	2	17	37	57	.3	9	5	133	2.83	5	5	ND	2	19	.6	2	2	18	.16	.034	22	8	.26	105	.03	2	1.27	.01	.06	1	26
L2500N 2650E	1	3	7	43	.3	6	3	47	4.16	2	5	ND	6	13	.2	2	2	24	.15	.058	3	9	.08	53	.10	2	3.48	.01	.03	1	3
L2500N 2675E	1	18	23	76	.5	8	4	96	4.71	3	5	ND	6	6	.2	2	2	39	.06	.035	15	12	.23	72	.05	2	2.35	.01	.05	1	19
L2500N 2700E	1	6	23	67	.2	7	3	72	2.75	2	5	ND	4	6	.2	2	2	46	.08	.028	14	8	.16	61	.10	2	1.05	.01	.05	1	2
L2500N 2725E	1	45	15	198	.5	39	59	957	3.11	3	5	ND	5	6	.3	2	2	29	.08	.039	19	10	.55	100	.03	2	1.97	.01	.06	1	8
L2500N 2750E	1	6	32	77	.5	7	3	109	4.30	6	5	ND	4	4	.2	2	2	48	.02	.053	15	10	.26	27	.06	2	1.65	.01	.05	1	5
L2500N 2775E	1	11	14	120	.5	12	8	221	3.24	9	5	ND	8	4	.2	2	2	29	.02	.090	13	12	.32	72	.07	2	4.26	.01	.05	1	5
L2500N 2800E	1	153	110	228	2.2	29	12	679	3.96	11	7	ND	1	47	1.7	2	2	51	1.30	.136	17	19	.45	179	.05	2	3.86	.02	.10	1	4
L2500N 2825E	1	18	52	81	.7	10	5	80	3.88	3	5	ND	4	11	.2	2	2	49	.14	.033	16	10	.28	109	.07	2	1.77	.01	.07	1	19
L2500N 2850E	1	38	106	108	1.2	17	8	231	3.55	4	5	ND	5	7	.2	2	2	39	.05	.038	16	10	.45	115	.10	2	2.45	.02	.10	1	4
L2500N 2875E	1	51	62	86	.8	17	11	237	3.55	2	5	ND	5	10	.2	2	3	55	.09	.027	21	11	.48	108	.10	2	2.25	.02	.06	1	18
L2500N 2900E	1	12	30	67	.9	8	4	122	6.31	8	5	ND	7	4	.2	2	2	60	.03	.083	6	11	.19	51	.12	2	2.96	.01	.05	1	4
L2500N 2925E	1	14	32	77	.3	9	5	101	5.43	5	5	ND	7	4	.2	2	2	64	.02	.043	13	11	.25	44	.12	2	2.28	.01	.05	1	120
L2500N 2950E	1	6	29	64	.3	8	4	93	4.67	3	5	ND	8	5	.2	2	3	54	.03	.060	12	12	.21	41	.08	2	2.63	.01	.05	1	10
L2500N 2975E	1	17	35	76	.3	13	6	139	3.70	9	5	ND	9	5	.2	2	2	33	.04	.077	13	16	.34	40	.07	2	3.74	.01	.06	1	14
L2500N 3000E	1	84	28	90	.4	18	13	661	3.32	2	5	ND	4	14	.2	2	2	40	.26	.036	15	10	.51	108	.08	2	1.68	.02	.06	1	8
L2500N 3025E	1	27	20	81	.3	14	7	176	3.22	6	5	ND	10	5	.2	2	2	29	.03	.048	18	12	.58	63	.05	2	2.53	.01	.05	1	10
L2500N 3050E	1	12	17	52	.1	7	4	131	3.38	5	5	ND	3	6	.2	2	2	71	.07	.048	16	8	.26	50	.06	2	1.30	.01	.05	1	5
STANDARD C/AU-S	18	58	36	131	6.9	73	31	1053	3.95	42	17	7	38	52	19.0	15	21	60	.46	.093	38	59	.89	182	.07	34	1.88	.06	.14	12	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2500N 3075E	1	185	18	85	.1	16	10	188	4.87	2	5	ND	3	12	.2	2	2	99	.20	.104	5	8	.51	39	.11	2	2.83	.02	.04	1	7
L2500N 3100E	1	15	6	55	.3	5	4	209	3.21	2	5	ND	2	5	.2	2	2	46	.03	.104	5	8	.10	49	.13	3	3.39	.02	.03	1	1
L2500N 3125E	1	25	2	85	.1	14	7	177	5.54	2	5	ND	5	6	.2	2	2	86	.06	.095	7	10	.37	49	.08	3	3.30	.01	.05	1	2
L2500N 3150E	1	2	7	62	.1	5	2	118	2.93	2	5	ND	4	6	.2	2	2	44	.05	.046	11	8	.13	41	.10	2	1.51	.01	.04	1	2
L2500N 3175E	1	66	22	91	.1	16	12	243	4.18	2	5	ND	5	6	.2	2	2	80	.09	.037	14	9	.61	55	.08	2	3.05	.01	.04	1	10
L2500N 3200E	1	13	13	84	.1	14	7	140	3.39	2	5	ND	9	5	.5	2	2	27	.03	.054	8	15	.31	51	.08	3	5.35	.01	.04	1	1
L2500N 3225E	1	11	22	65	.2	9	3	119	3.99	5	5	ND	7	5	.5	2	2	37	.02	.053	9	14	.28	39	.10	2	3.04	.02	.04	1	1
L2500N 3250E	1	9	3	43	.1	6	3	69	3.88	2	5	ND	6	4	.2	2	2	33	.01	.033	16	9	.18	21	.06	3	1.38	.01	.03	2	2
L2500N 3275E	1	6	11	55	.1	6	3	115	3.35	4	5	ND	2	6	.2	2	2	61	.02	.056	15	9	.14	26	.13	2	1.31	.02	.04	2	1
L2500N 3300E	1	12	12	54	.1	10	5	206	2.94	2	5	ND	7	4	.2	2	2	42	.02	.040	17	12	.29	46	.07	2	1.70	.01	.04	2	11
L2500N 3325E	1	11	29	60	.6	6	3	119	4.64	2	5	ND	6	4	.2	2	2	47	.02	.091	6	11	.11	35	.14	3	3.17	.02	.04	1	1
L2500N 3350E	1	8	10	69	.1	11	5	194	4.00	5	5	ND	7	5	.3	2	2	42	.02	.077	10	15	.30	45	.10	3	3.22	.01	.05	1	1
L2500N 3375E	1	7	15	83	.1	10	7	755	3.37	5	5	ND	6	5	.2	2	2	41	.02	.079	7	13	.21	61	.13	5	3.97	.02	.05	1	2
L2500N 3400E	1	12	4	90	.1	14	8	381	3.73	2	5	ND	7	6	.2	2	2	36	.02	.085	11	18	.33	59	.10	4	5.32	.02	.06	1	2
L2500N 3425E	1	12	7	76	.2	11	6	399	3.61	2	5	ND	7	5	.2	2	2	34	.03	.098	7	15	.25	46	.11	3	5.16	.02	.05	1	2
L2500N 3450E	1	16	11	77	.3	9	4	343	2.95	3	5	ND	5	5	.2	2	2	38	.03	.080	5	12	.14	55	.16	6	4.88	.02	.04	1	1
L2500N 3475E	1	8	17	69	.1	10	4	269	3.73	2	5	ND	8	6	.3	2	2	39	.03	.073	5	12	.21	42	.14	4	4.26	.02	.05	1	2
L2500N 3500E	1	11	13	72	.1	10	5	285	2.88	12	5	ND	6	5	.6	2	2	32	.03	.082	4	16	.18	33	.15	6	6.08	.02	.04	1	3
L2400N 2775E	1	30	42	134	.5	21	13	228	3.93	2	5	ND	12	5	.2	2	2	46	.02	.042	18	11	.81	84	.10	4	2.34	.02	.07	1	9
L2400N 2800E	1	5	21	65	.3	8	4	144	3.87	5	5	ND	6	5	.2	2	2	42	.03	.055	7	12	.19	40	.12	4	3.25	.02	.04	1	19
L2400N 2825E	1	14	21	74	.3	12	5	103	3.55	5	5	ND	8	3	.2	2	2	30	.01	.051	21	10	.49	45	.03	4	1.95	.01	.06	1	3
L2400N 2850E	1	22	49	71	.5	8	6	118	4.20	6	5	ND	4	5	.2	2	2	73	.03	.053	21	8	.20	40	.07	4	1.10	.01	.05	1	31
L2400N 2875E	1	39	29	62	.2	10	6	120	4.25	5	5	ND	8	4	.2	2	2	51	.02	.041	19	9	.38	51	.04	4	2.19	.01	.07	1	2
L2400N 2900E	1	51	11	70	.1	14	7	189	5.59	2	5	ND	5	4	.2	2	2	108	.03	.054	5	13	.50	45	.15	2	3.59	.01	.05	1	160
L2400N 2925E	1	83	18	88	.2	14	8	164	3.65	4	5	ND	7	4	.2	2	2	53	.02	.056	16	13	.53	52	.06	4	3.50	.01	.05	1	22
L2400N 2950E	1	18	11	76	.2	11	5	146	4.21	6	5	ND	8	3	.2	2	2	39	.02	.051	14	12	.43	52	.04	4	2.93	.01	.04	1	15
L2400N 2975E	1	6	8	35	.9	4	2	110	3.34	2	5	ND	5	6	.2	2	2	42	.03	.058	4	8	.08	49	.11	8	4.22	.02	.02	1	4
STANDARD C/AU-S	18	57	40	131	6.7	73	31	1054	3.97	39	18	7	38	52	18.6	15	21	56	.45	.098	37	58	.90	182	.07	35	1.89	.06	.14	13	49

AC[illegible]E [illegible]I[illegible]CAL LABORATORIES LTD. 852 E. HASTINGS ST. V[illegible]VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6[illegible] 253-[illegible]16

GEOCHEMICAL ANALYSIS CERTIFICATE

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901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: LYNEA CARLSON

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2400N 2500E	3	50	85	185	.3	20	14	518	3.93	18	5	ND	10	6	.3	3	2	25	.04	.061	18	13	.36	60	.04	8	2.49	.01	.05	1	18
L2400N 2525E	3	41	49	108	.1	19	9	234	4.82	18	5	ND	9	7	.2	5	2	24	.02	.087	24	11	.39	47	.04	2	1.90	.01	.05	1	10
L2400N 2550E	2	26	37	78	.2	14	8	514	3.99	15	5	ND	7	11	.2	3	2	22	.10	.059	25	10	.32	56	.03	10	1.57	.01	.06	1	14
L2400N 2575E	2	15	32	62	.2	6	4	174	3.63	16	5	ND	6	8	.3	4	2	29	.06	.050	5	10	.08	69	.12	8	4.00	.01	.03	1	4
L2400N 2600E	1	12	38	54	.3	5	7	437	1.74	5	5	ND	1	23	.4	2	2	27	.13	.030	18	5	.12	78	.10	8	.99	.02	.05	1	8
L2400N 2625E	1	13	27	49	.2	6	3	171	2.48	7	5	ND	3	11	.2	2	2	29	.06	.039	21	7	.17	57	.07	8	1.12	.01	.06	1	7
L2400N 2650E	1	10	20	40	.3	7	7	179	2.59	8	5	ND	2	5	.3	3	2	61	.03	.043	20	5	.39	67	.07	2	1.29	.01	.04	2	2
L2400N 2675E	1	8	10	29	.1	5	4	83	1.61	4	5	ND	3	5	.2	2	2	23	.04	.029	30	6	.17	69	.03	7	.70	.01	.04	1	7
L2400N 2700E	1	17	19	61	.1	9	5	184	4.18	11	5	ND	2	5	.5	4	2	75	.03	.074	20	9	.48	51	.08	12	1.41	.01	.05	1	5
L2400N 2725E	2	187	93	207	1.9	39	125	1032	2.86	9	11	ND	7	11	.6	2	2	40	.22	.052	21	17	.45	101	.08	20	4.62	.01	.06	2	6
L2400N 3000E	1	6	21	24	.6	3	3	89	2.28	6	5	ND	2	6	.2	2	2	60	.05	.026	7	4	.05	38	.19	2	.94	.02	.02	1	3
L2400N 3025E	1	11	23	48	.2	6	3	332	2.33	7	5	ND	4	11	.3	2	2	49	.10	.048	20	7	.18	44	.07	10	.90	.01	.04	1	5
L2400N 3050E	1	12	23	34	.4	6	3	95	3.98	7	5	ND	4	6	.2	2	2	71	.05	.034	11	8	.14	39	.15	9	1.28	.01	.04	1	2
L2400N 3075E	1	29	24	46	.4	8	4	100	3.79	10	5	ND	4	7	.2	5	2	69	.07	.049	12	9	.28	36	.11	2	1.80	.01	.04	1	1
L2400N 3100E	1	5	14	27	.1	3	1	67	1.29	3	5	ND	3	4	.2	2	2	44	.02	.023	24	4	.09	17	.07	2	.64	.01	.03	1	2
L2400N 3125E	1	31	24	48	.6	7	4	125	4.76	14	5	ND	4	7	.6	4	2	89	.07	.080	5	9	.18	38	.14	7	3.93	.01	.03	1	1
L2400N 3150E	1	22	13	68	1.0	12	6	190	5.57	5	5	ND	1	7	.5	3	2	127	.12	.044	5	8	.35	35	.15	11	1.68	.01	.05	1	1
L2400N 3175E	1	12	19	45	.3	9	5	137	2.94	7	5	ND	1	8	.2	3	2	77	.12	.033	6	7	.24	37	.11	10	2.12	.02	.03	2	2
L2400N 3200E	1	35	11	54	.3	11	7	210	3.01	5	5	ND	4	8	.2	3	2	94	.14	.040	5	8	.41	24	.12	15	1.33	.02	.04	1	1
L2400N 3225E	1	9	14	24	.2	5	2	59	2.33	9	5	ND	3	5	.2	5	2	41	.03	.041	5	8	.10	29	.10	6	2.88	.01	.03	2	2
L2400N 3250E	1	7	22	21	.3	3	1	77	1.74	4	5	ND	3	3	.2	3	2	32	.01	.017	4	6	.06	32	.10	8	1.70	.02	.02	1	2
L2400N 3275E	1	11	23	48	.2	6	2	385	2.15	8	5	ND	3	5	.2	3	2	37	.03	.048	5	9	.10	48	.12	12	2.57	.01	.04	2	1
L2400N 3300E	1	16	26	55	.3	11	5	212	2.79	13	5	ND	8	4	.4	4	2	27	.02	.035	15	13	.40	45	.05	9	2.78	.01	.04	2	5
L2400N 3325E	1	8	23	31	.2	4	2	114	2.34	6	5	ND	2	4	.3	4	2	43	.02	.043	3	8	.06	33	.16	9	2.91	.02	.02	1	2
L2400N 3350E	1	8	23	48	.3	7	4	571	2.85	8	5	ND	3	5	.5	4	2	37	.03	.079	3	9	.09	49	.15	2	4.83	.02	.04	2	1
L2400N 3375E	1	11	22	61	.3	9	7	1425	3.51	5	5	ND	5	6	.4	3	2	45	.04	.062	7	12	.17	68	.13	12	2.67	.01	.05	1	2
L2400N 3400E	2	13	28	69	.4	10	5	237	3.30	12	5	ND	7	5	.2	5	2	38	.03	.054	6	12	.18	44	.13	14	4.80	.01	.05	1	1
L2400N 3425E	1	17	21	77	.2	14	7	539	3.46	14	5	ND	6	7	.2	5	2	47	.04	.071	9	16	.28	54	.14	8	3.15	.01	.07	1	2
L2400N 3450E	2	10	30	49	.4	8	3	158	3.39	11	5	ND	6	5	.2	4	2	48	.02	.038	8	13	.18	44	.13	4	2.83	.01	.05	1	6
L2400N 3475E	2	15	30	57	.3	11	7	212	3.08	9	5	ND	7	6	.2	4	2	36	.03	.092	9	13	.23	56	.13	17	4.21	.01	.05	2	3
L2400N 3500E	2	21	27	112	.2	21	11	801	3.82	11	5	ND	7	7	.3	4	3	37	.05	.082	11	16	.38	67	.11	18	3.14	.01	.07	1	1
L2300N 2975W	1	12	28	57	1.0	6	4	211	2.97	7	5	ND	3	5	.3	3	2	108	.03	.030	15	5	.15	33	.13	3	.86	.01	.05	1	14
L2300N 2950W	1	70	139	129	1.3	18	15	558	4.54	15	5	ND	5	5	.7	5	3	91	.03	.053	10	11	.63	55	.13	2	3.49	.01	.07	1	52
L2300N 2925W	1	23	35	66	1.6	6	3	157	3.92	8	5	ND	3	5	.2	4	3	88	.03	.046	6	10	.16	48	.20	6	2.07	.01	.04	1	5
L2300N 2900W	1	223	43	146	.8	21	20	374	7.67	15	6	ND	8	5	.7	5	4	215	.04	.057	13	8	.87	57	.09	16	3.05	.01	.06	2	18
L2300N 2875W	1	10	18	36	.4	4	3	117	2.42	5	5	ND	5	3	.2	3	2	40	.03	.023	24	6	.11	24	.04	9	1.01	.01	.04	1	48
STANDARD C/AU-S	19	58	39	131	7.1	73	31	1052	3.94	41	17	7	38	52	19.0	19	23	55	.46	.097	37	56	.89	181	.07	38	1.89	.06	.14	13	47

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 5 1990 DATE REPORT MAILED: Oct 12/90. SIGNED BY.......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Bapty Research Limited PROJECT DAVID FILE # 90-5105

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2300N 2850W	1	14	25	62	.4	7	4	136	2.82	9	5	ND	5	4	.4	4	2	27	.04	.034	13	10	.24	48	.06	3	1.86	.01	.05	1	8
L2300N 2825W	4	18	596	167	.7	16	33	2201	3.02	6	6	ND	2	18	1.7	5	2	40	.26	.046	17	14	.40	200	.07	2	1.87	.01	.09	1	5
L2300N 2800W	1	25	52	66	.9	13	6	165	4.62	14	5	ND	10	4	.2	5	2	56	.02	.051	13	14	.60	53	.08	3	3.02	.01	.06	1	4
L2300N 2775W	1	17	14	55	.1	10	3	95	2.80	7	5	ND	6	4	.2	2	2	31	.02	.040	21	11	.37	28	.04	2	1.07	.01	.05	1	4
L2300N 2750W	1	11	100	85	.8	11	9	130	2.66	6	5	ND	3	6	.3	4	2	32	.03	.023	15	11	.39	100	.11	4	1.73	.01	.06	1	3
L2300N 2725W	1	9	20	46	.2	7	2	66	3.11	7	5	ND	6	3	.2	2	2	23	.01	.028	22	10	.41	22	.03	2	1.32	.01	.04	1	6
L2300N 2700W	1	9	13	37	.1	6	2	31	2.28	8	5	ND	5	2	.2	3	2	17	.01	.020	25	9	.25	18	.01	2	1.01	.01	.03	1	1
L2300N 2675W	3	11	13	44	.1	8	4	58	4.46	17	5	ND	1	5	.2	4	2	41	.03	.077	18	12	.29	37	.04	2	1.54	.01	.04	2	1
L2300N 2650W	1	18	18	91	.2	34	30	1967	2.63	7	5	ND	1	42	.8	3	2	18	.25	.098	14	15	.79	67	.01	3	1.57	.01	.05	1	5
L2300N 2625W	4	19	26	66	.3	12	6	449	3.55	18	5	ND	1	7	.4	4	2	38	.05	.071	28	14	.65	36	.05	2	1.18	.01	.06	1	3
L2300N 2600W	1	21	51	77	.2	8	3	201	2.66	9	5	ND	6	8	.2	3	2	18	.03	.054	22	10	.27	54	.02	3	1.06	.01	.04	1	7
L2300N 2575W	1	21	32	124	.5	10	5	1253	3.44	8	5	ND	4	19	.6	3	2	31	.15	.053	18	10	.21	90	.07	2	1.02	.01	.06	1	7
L2300N 2550W	2	26	33	57	.2	7	3	83	2.93	15	5	ND	3	21	.5	2	2	35	.10	.041	22	7	.16	29	.05	2	.87	.01	.06	1	3
L2300N 2525W	2	16	22	103	.6	11	5	296	3.41	15	5	ND	8	7	.5	5	2	27	.04	.058	13	12	.19	66	.08	2	2.64	.01	.05	1	37
L2300N 2500W	2	10	24	65	.3	12	7	178	3.88	18	5	ND	7	5	.2	3	2	27	.02	.046	23	11	.26	43	.04	2	1.45	.01	.04	1	5
L2300N 3000E	1	37	34	73	.4	12	9	212	5.00	15	5	ND	5	5	.7	6	2	101	.04	.041	16	12	.42	43	.08	2	1.95	.01	.04	1	22
L2300N 3025E	1	9	23	38	.1	7	3	119	1.95	7	5	ND	1	7	.2	2	2	55	.06	.034	20	8	.24	50	.08	3	1.11	.01	.05	1	20
L2300N 3050E	2	25	32	68	.3	12	8	186	3.59	21	5	ND	7	4	.5	6	2	45	.02	.076	8	15	.27	45	.10	2	4.82	.01	.04	1	9
L2300N 3075E	1	9	18	41	.1	6	3	206	2.55	9	5	ND	3	6	.2	3	2	56	.04	.038	23	8	.17	33	.08	4	.95	.01	.04	1	11
L2300N 3100E	1	11	19	51	.4	7	3	112	3.51	9	5	ND	3	5	.2	4	2	46	.03	.052	11	13	.16	31	.09	2	2.31	.01	.04	1	3
L2300N 3125E	1	14	33	75	.2	12	6	174	3.08	10	5	ND	5	5	.5	4	2	40	.03	.031	20	14	.45	47	.04	4	1.93	.01	.05	1	8
L2300N 3150E	1	20	17	72	.3	9	7	868	2.38	10	5	ND	1	7	.3	5	2	47	.10	.046	11	10	.27	60	.08	8	2.25	.01	.05	1	3
L2300N 3175E	1	131	17	87	.4	16	20	677	5.98	14	5	ND	4	10	.8	6	2	190	.23	.046	10	8	.81	71	.15	5	2.94	.03	.07	1	4
L2300N 3200E	1	23	15	68	.2	9	8	304	2.27	16	5	ND	3	6	.3	7	2	45	.07	.032	3	10	.15	43	.14	2	4.03	.02	.03	1	1
L2300N 3225E	1	28	22	53	.5	9	6	199	2.76	12	5	ND	2	7	.4	6	2	51	.08	.053	4	10	.16	27	.14	3	3.98	.02	.03	1	1
L2300N 3250E	1	39	13	62	.1	14	8	304	3.25	19	5	ND	3	8	.7	6	2	82	.11	.039	5	12	.40	51	.13	2	3.52	.02	.04	1	1
L2300N 3275E	1	14	21	49	.6	7	4	184	2.48	14	5	ND	4	5	.5	7	2	33	.03	.064	4	11	.11	36	.14	2	5.31	.02	.03	1	1
L2300N 3300E	1	10	24	32	.4	6	3	143	3.22	10	5	ND	2	4	.2	5	2	60	.03	.044	5	11	.10	48	.13	2	2.70	.01	.03	1	1
L2300N 3325E	1	6	19	30	.3	6	2	96	2.85	9	5	ND	3	4	.4	3	2	52	.02	.048	5	13	.09	31	.15	2	2.52	.01	.04	1	1
L2300N 3350E	1	5	8	28	.2	3	1	130	1.04	2	5	ND	2	5	.2	2	2	26	.04	.015	9	6	.06	35	.08	2	.76	.01	.03	1	1
L2300N 3375E	1	7	15	36	.1	6	3	580	1.61	5	5	ND	2	5	.2	2	2	43	.06	.025	10	8	.12	50	.10	3	1.05	.01	.05	1	1
L2300N 3400E	1	14	19	88	.2	12	6	283	3.49	16	5	ND	5	5	.3	7	2	43	.03	.055	11	15	.25	56	.09	5	3.19	.01	.06	1	6
L2300N 3425E	1	14	25	85	.3	13	7	469	2.86	17	5	ND	5	5	.7	7	2	38	.03	.074	9	14	.21	63	.11	4	4.13	.01	.05	1	3
L2300N 3450E	1	12	29	114	.2	16	7	454	3.29	14	5	ND	6	7	.3	5	2	38	.04	.040	13	18	.47	60	.11	3	2.53	.01	.06	1	4
L2300N 3475E	2	9	24	120	.3	14	10	578	3.04	8	5	ND	5	7	.2	3	4	39	.06	.031	15	16	.53	63	.09	3	1.90	.01	.06	1	1
L2300N 3500E	2	12	35	197	.4	22	13	485	3.62	12	5	ND	6	7	.5	5	3	39	.05	.038	16	18	.51	73	.10	2	2.54	.01	.07	1	2
STANDARD C/AU-S	19	58	37	131	7.1	72	31	1055	3.97	43	19	7	38	52	18.8	14	22	55	.44	.097	37	56	.89	182	.07	34	1.89	.06	.13	13	53

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2200N 3000W	1	43	70	74	.9	13	6	176	5.14	6	5	ND	8	3	.2	2	2	37	.03	.066	15	11	.40	29	.04	9	2.31	.01	.04	1	32
L2200N 2975W	1	108	37	98	.5	15	9	254	5.71	10	5	ND	5	6	.2	4	2	100	.09	.048	11	14	.51	32	.14	8	2.69	.01	.05	1	5
L2200N 2950W	1	63	164	161	1.8	13	7	241	5.08	9	5	ND	3	6	.6	4	2	107	.06	.062	6	13	.46	34	.14	7	3.17	.01	.05	1	12
L2200N 2925W	3	142	201	229	.5	29	17	308	6.62	7	5	ND	6	6	.2	5	3	181	.05	.057	8	12	1.02	41	.13	10	4.04	.01	.10	1	6
L2200N 2900W	1	10	29	43	.9	6	2	122	4.60	6	5	ND	1	6	.2	2	2	124	.06	.072	3	6	.11	30	.33	8	1.14	.02	.04	1	1
L2200N 2875W	1	79	44	102	.4	11	7	275	5.97	8	5	ND	3	5	.6	3	2	78	.02	.053	16	8	.26	39	.08	6	1.63	.01	.06	1	220
L2200N 2850W	3	16	41	56	.2	8	3	86	3.93	10	5	ND	6	4	.2	2	2	58	.02	.048	25	10	.32	29	.07	5	1.07	.01	.06	1	25
L2200N 2825W	1	19	23	112	.8	11	5	124	2.36	9	5	ND	7	6	.3	6	2	27	.03	.036	9	9	.18	58	.11	5	3.73	.02	.04	1	7
L2200N 2800W	3	11	109	75	.4	8	2	92	5.39	11	5	ND	7	5	.2	3	2	50	.02	.056	17	16	.37	37	.15	5	1.50	.01	.07	1	4
L2200N 2775W	2	11	26	56	1.1	7	2	73	5.39	9	5	ND	5	6	.4	4	2	53	.06	.062	11	11	.26	32	.15	9	1.87	.01	.05	1	12
L2200N 2750W	1	16	16	54	.1	12	6	96	2.94	8	5	ND	7	4	.2	2	2	21	.01	.047	25	11	.54	34	.03	3	1.58	.01	.04	1	9
L2200N 2725W	1	10	14	34	.1	9	4	76	3.07	6	5	ND	11	3	.2	2	2	27	.01	.052	36	9	.49	19	.03	11	1.33	.01	.04	1	12
L2200N 2700W	1	11	14	50	.2	11	5	128	3.62	11	5	ND	9	4	.2	3	2	32	.02	.046	15	13	.40	35	.08	7	2.50	.01	.04	1	1
L2200N 2675W	2	19	19	54	.2	13	5	117	4.87	13	5	ND	9	5	.5	4	2	28	.02	.050	19	18	.56	29	.05	6	2.25	.01	.03	1	1
L2200N 2650W	1	6	18	26	.2	4	1	63	2.16	3	5	ND	3	5	.2	2	2	32	.03	.031	14	7	.13	25	.11	8	1.12	.02	.03	1	20
L2200N 2625W	1	8	23	39	.2	2	1	78	2.64	5	5	ND	2	8	.2	2	2	26	.08	.031	15	8	.07	40	.06	4	1.25	.01	.04	1	2
L2200N 2600W	1	22	18	63	.1	8	3	80	3.11	8	5	ND	6	3	.3	3	2	17	.01	.036	28	10	.29	20	.02	5	1.20	.01	.03	1	17
L2200N 2575W	1	13	20	80	.2	9	3	117	2.89	7	5	ND	6	4	.2	2	2	21	.02	.063	19	10	.26	38	.04	6	1.84	.01	.03	1	5
L2200N 2550W	1	12	20	98	.5	6	4	272	2.98	9	5	ND	3	6	.3	4	2	32	.03	.074	8	12	.16	44	.09	7	4.03	.01	.03	1	1
L2200N 2525W	1	13	11	44	.1	5	1	37	1.60	5	5	ND	5	3	.2	2	2	19	.01	.024	28	8	.23	26	.02	4	1.04	.01	.02	1	2
L2200N 2500W	1	18	25	66	.1	6	2	79	2.34	6	5	ND	2	5	.2	2	2	24	.04	.034	23	10	.22	23	.03	2	1.08	.01	.03	1	4
L2200N 3000E	2	39	71	85	1.0	12	6	231	5.18	9	5	ND	6	4	.4	3	2	40	.02	.088	16	12	.33	33	.05	7	2.40	.01	.05	1	38
L2200N 3025E	1	20	64	90	1.0	10	4	1631	2.91	5	5	ND	3	6	.2	2	2	36	.05	.044	16	11	.19	76	.07	10	2.51	.01	.05	1	16
L2200N 3050E	1	15	21	72	.2	12	6	285	2.52	5	5	ND	5	5	.2	3	2	28	.04	.042	7	11	.28	46	.10	3	3.51	.01	.04	1	4
L2200N 3075E	1	19	29	79	.5	16	7	371	2.96	10	5	ND	7	6	.5	2	2	33	.04	.081	8	13	.29	53	.13	6	4.66	.01	.05	1	7
L2200N 3100E	1	15	14	53	.3	7	4	383	2.03	7	5	ND	3	7	.2	6	2	30	.06	.044	5	8	.11	29	.12	5	4.14	.02	.06	1	1
L2200N 3125E	1	13	21	42	.2	5	4	511	2.03	5	5	ND	1	4	.3	2	2	43	.03	.028	6	7	.11	44	.10	4	2.06	.02	.03	2	4
L2200N 3150E	1	72	18	97	.6	12	13	463	4.32	5	5	ND	4	5	.2	3	2	98	.06	.034	15	8	.39	57	.08	6	2.41	.01	.06	1	11
L2200N 3175E	1	35	17	89	.4	14	10	675	3.42	6	5	ND	2	7	.3	2	2	77	.10	.034	6	10	.25	58	.12	5	3.29	.02	.03	1	1
L2200N 3200E	1	165	5	88	.5	26	17	381	6.22	7	5	ND	1	8	.7	2	2	198	.22	.039	4	7	.96	51	.13	9	2.83	.02	.03	1	1
L2200N 3225E	1	64	12	87	.3	23	16	248	4.03	11	5	ND	1	10	.2	4	2	107	.20	.029	4	10	.53	52	.13	9	2.78	.02	.04	1	1
L2200N 3250E	1	22	15	68	.3	12	6	165	3.91	6	5	ND	2	7	.2	3	2	85	.11	.027	5	11	.29	35	.13	10	2.29	.01	.04	1	6
L2200N 3275E	1	42	14	88	.2	14	12	445	3.14	8	5	ND	3	7	.4	3	2	70	.12	.039	8	12	.36	54	.10	2	2.60	.02	.04	1	2
L2200N 3300E	1	15	19	70	.2	10	7	357	2.64	10	5	ND	3	5	.2	3	2	42	.05	.032	11	10	.18	68	.08	18	2.35	.01	.04	1	2
L2200N 3325E	1	10	13	54	.2	8	4	504	2.36	3	5	ND	2	6	.2	3	2	34	.04	.070	7	10	.11	65	.09	4	2.90	.01	.04	1	2
L2200N 3350E	1	18	22	81	.2	18	9	542	2.87	4	5	ND	3	6	.2	2	2	50	.07	.033	12	19	.46	62	.10	5	2.11	.01	.04	1	2
STANDARD C/AU-S	18	57	38	132	7.0	73	32	1053	3.96	37	18	7	37	53	18.4	19	21	56	.46	.095	36	57	.89	182	.07	35	1.89	.06	.14	12	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2200N 3375E	1	8	17	56	.1	9	4	173	2.94	3	5	ND	6	4	.2	2	2	42	.03	.036	14	13	.26	49	.08	4	1.81	.01	.05	1	7
L2200N 3400E	1	21	18	86	.1	16	7	179	2.46	4	5	ND	9	4	.3	2	2	22	.02	.026	25	17	.62	65	.03	3	1.78	.01	.05	1	3
L2200N 3425E	1	19	19	72	.2	12	6	238	2.55	6	5	ND	8	3	.2	2	2	26	.03	.030	21	14	.54	53	.03	2	1.70	.01	.06	1	3
L2200N 3450E	1	19	19	71	.1	14	6	220	2.59	2	5	ND	8	3	.2	2	2	24	.02	.026	25	17	.65	48	.02	2	1.59	.01	.05	1	2
L2200N 3475E	1	19	21	67	.1	15	6	285	2.71	2	5	ND	8	4	.2	2	2	28	.03	.031	22	19	.56	52	.02	2	1.67	.01	.06	1	10
L2200N 3500E	1	21	18	68	.1	14	6	171	2.58	4	5	ND	9	3	.2	2	2	22	.01	.025	26	16	.69	49	.03	2	1.66	.01	.05	1	5
L2100N 3000W	1	21	21	51	1.5	7	5	380	2.78	8	5	ND	4	5	.3	2	2	41	.03	.061	4	14	.11	30	.16	5	5.22	.02	.04	1	3
L2100N 2975W	1	25	22	47	1.9	5	5	1062	2.18	2	5	ND	2	4	.2	2	2	39	.03	.059	5	8	.09	52	.15	3	2.69	.02	.04	2	3
L2100N 2950W	1	57	29	99	.6	11	9	962	3.46	5	7	ND	4	5	.4	2	2	72	.04	.063	7	13	.26	62	.16	4	4.17	.01	.05	1	2
L2100N 2925W	1	24	27	61	.6	9	6	397	2.73	2	6	ND	3	5	.2	2	2	64	.06	.023	10	13	.21	48	.12	2	1.77	.01	.06	1	3
L2100N 2900W	1	77	97	136	.7	9	10	554	6.13	3	5	ND	5	6	.4	2	2	56	.04	.059	8	12	.41	55	.14	3	3.63	.01	.10	1	8
L2100N 2875W	1	9	19	50	.2	9	4	142	2.42	2	5	ND	8	3	.2	2	2	27	.01	.026	25	14	.26	39	.03	2	1.30	.01	.04	1	6
L2100N 2850W	1	20	26	105	.4	12	6	385	3.71	4	5	ND	9	5	.2	2	2	39	.02	.049	12	17	.19	75	.10	2	3.08	.01	.06	1	1
L2100N 2825W	1	22	68	158	.6	14	6	413	3.37	8	5	ND	9	5	.2	2	2	37	.03	.065	8	17	.28	57	.15	4	4.71	.01	.06	1	3
L2100N 2800W	12	14	70	70	.7	9	3	83	5.02	4	5	ND	14	5	.2	2	3	65	.03	.060	22	19	.49	44	.09	2	1.48	.01	.09	1	3
L2100N 2775W	1	6	16	37	.1	7	2	89	2.39	3	5	ND	6	3	.2	2	2	50	.02	.036	18	11	.24	40	.11	2	1.37	.01	.05	2	1
L2100N 2750W	1	10	14	40	.2	6	2	124	3.35	9	5	ND	5	4	.2	2	2	45	.02	.061	6	13	.13	39	.18	4	4.30	.02	.04	1	3
L2100N 2725W	1	11	18	42	.2	8	3	134	3.73	8	5	ND	5	5	.2	2	2	59	.02	.037	11	14	.20	43	.19	2	1.28	.01	.05	2	6
L2100N 2700W	1	15	12	36	.5	7	2	127	2.76	8	5	ND	5	4	.2	2	2	36	.03	.040	9	15	.17	35	.09	2	3.69	.01	.03	1	6
L2100N 2675W	1	10	14	32	.2	5	2	64	2.57	5	5	ND	6	3	.2	2	2	27	.01	.023	17	11	.17	31	.06	2	2.04	.01	.03	1	3
L2100N 2650W	1	6	14	40	.3	7	5	116	2.93	9	5	ND	5	4	.2	2	2	41	.02	.035	15	12	.31	33	.10	2	2.49	.01	.03	1	5
L2100N 2625W	1	7	10	21	.1	4	1	49	1.41	6	5	ND	4	2	.2	2	2	18	.01	.018	29	8	.12	17	.03	2	.99	.01	.04	2	5
L2100N 2600W	1	16	41	41	1.5	5	3	181	2.27	5	5	ND	3	6	.2	2	2	27	.02	.056	8	9	.10	42	.09	3	3.77	.01	.04	1	1
L2100N 2575W	1	17	17	86	1.1	10	3	153	2.76	7	5	ND	6	4	.2	2	2	26	.03	.041	15	15	.29	43	.06	2	2.87	.01	.04	1	2
L2100N 2550W	1	14	25	38	.7	5	2	81	1.89	2	5	ND	5	5	.2	2	2	26	.02	.025	19	9	.12	52	.06	2	2.17	.01	.03	2	4
L2100N 2525W	1	10	25	37	.6	4	1	83	1.82	2	5	ND	2	8	.2	2	2	45	.07	.020	8	7	.10	37	.11	2	.86	.01	.03	2	2
L2100N 2500W	1	13	13	49	.1	9	3	76	2.39	7	5	ND	7	3	.2	2	2	19	.02	.023	25	13	.28	41	.02	2	1.85	.01	.04	2	1
L2100N 3025E	1	48	44	105	.9	18	11	263	3.96	6	7	ND	5	7	.3	2	2	82	.07	.037	11	14	.44	56	.12	2	2.91	.01	.06	1	9
L2100N 3050E	1	33	69	88	.3	13	8	440	4.67	14	5	ND	6	5	.2	2	2	78	.04	.043	19	14	.58	52	.09	2	1.95	.01	.06	1	13
L2100N 3075E	1	25	41	94	.4	11	8	826	3.97	3	7	ND	4	6	.2	2	2	53	.07	.052	15	14	.34	62	.07	2	2.12	.01	.07	1	10
L2100N 3100E	1	17	23	87	.5	9	5	681	3.15	12	5	ND	4	10	.2	2	2	41	.17	.055	9	12	.21	79	.10	3	2.71	.01	.06	1	3
L2100N 3125E	1	9	20	61	.8	5	3	907	2.59	3	7	ND	4	6	.2	2	2	40	.06	.042	8	9	.13	78	.11	2	2.29	.01	.05	1	2
L2100N 3150E	1	22	12	72	.7	11	8	191	2.69	3	6	ND	7	4	.2	2	2	31	.04	.030	8	10	.23	66	.07	4	4.29	.01	.04	1	6
L2100N 3175E	1	42	23	62	1.1	13	7	251	4.15	2	5	ND	4	16	.2	2	2	74	.19	.024	9	10	.27	67	.21	2	2.86	.03	.05	1	1
L2100N 3200E	1	36	25	66	1.0	11	7	609	3.60	2	6	ND	3	20	.2	2	2	68	.25	.026	11	9	.25	82	.17	2	2.30	.02	.06	1	1
L2100N 3225E	1	33	23	58	.9	11	6	255	3.65	2	8	ND	3	16	.2	2	2	69	.20	.024	11	8	.23	65	.18	2	2.13	.02	.05	1	1
STANDARD C/AU-S	18	59	39	130	7.3	73	31	1052	3.95	43	22	7	39	51	18.9	15	19	60	.46	.098	40	61	.89	176	.08	34	1.89	.06	.13	13	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2100N 3250E	1	93	14	91	.3	19	11	315	5.31	2	5	ND	2	8	.3	2	2	141	.19	.028	10	11	.55	68	.12	2	2.32	.02	.05	2	1
L2100N 3275E	1	47	13	90	.3	17	10	361	4.09	8	5	ND	1	8	.8	2	2	111	.15	.025	6	12	.66	46	.11	2	2.24	.02	.05	1	1
L2100N 3300E	1	22	18	65	.2	14	9	312	2.90	4	5	ND	1	18	.2	2	2	74	.21	.018	13	13	.53	80	.09	2	1.61	.02	.05	1	1
L2100N 3325E	1	79	27	96	.6	35	15	1914	4.54	4	5	ND	2	30	.7	2	4	91	.28	.046	24	19	.64	176	.11	2	3.37	.02	.08	1	2
L2100N 3350E	1	69	32	94	.7	26	16	923	4.83	2	5	ND	3	15	.5	2	2	97	.16	.039	21	16	.60	99	.13	2	3.47	.02	.07	1	1
L2100N 3375E	1	33	31	102	.6	19	15	2054	3.16	7	5	ND	1	17	.4	2	2	58	.21	.036	25	14	.44	118	.09	3	2.48	.02	.06	1	1
L2100N 3400E	2	19	29	97	.4	15	10	557	2.79	2	5	ND	2	9	.7	2	3	45	.10	.023	17	15	.36	76	.09	2	2.15	.02	.05	6	1
L2100N 3425E	1	25	23	113	.3	18	11	362	3.12	2	5	ND	3	7	.5	2	2	53	.10	.043	16	17	.47	79	.06	2	2.72	.01	.05	1	3
L2100N 3450E	1	40	39	137	.5	27	18	599	4.03	6	5	ND	2	12	.2	2	2	62	.27	.041	15	26	.61	92	.11	5	3.64	.02	.07	1	1
L2100N 3475E	1	148	74	141	1.3	35	26	2653	4.76	14	5	ND	1	27	4.2	2	2	93	.64	.075	81	47	.83	73	.08	2	4.76	.02	.10	1	1
L2100N 3500E	1	40	40	125	.4	20	12	482	3.50	3	5	ND	3	12	.3	2	2	44	.17	.039	23	25	.80	76	.07	2	3.26	.01	.07	1	1
L2000N 3025E	1	19	67	140	.4	13	9	506	3.38	3	5	ND	4	6	.6	2	2	58	.05	.038	12	13	.28	63	.12	2	2.92	.01	.07	1	10
L2000N 3050E	1	79	96	136	.3	16	13	510	4.24	7	5	ND	6	7	.3	2	2	82	.09	.037	20	12	.55	69	.08	2	2.36	.01	.08	1	100
L2000N 3075E	1	25	42	110	1.0	15	9	447	3.83	7	5	ND	3	5	.3	2	2	63	.05	.042	13	12	.38	63	.11	2	2.80	.01	.06	1	22
L2000N 3100E	1	18	33	114	.9	13	6	246	3.59	7	5	ND	4	6	.7	2	2	49	.05	.036	10	12	.29	71	.12	2	2.80	.01	.06	1	6
L2000N 3125E	1	47	91	77	1.2	14	30	2183	3.06	5	5	ND	1	18	.8	2	2	57	.17	.031	36	12	.31	81	.13	2	2.48	.02	.07	1	4
L2000N 3150E	1	21	27	60	.2	8	6	398	2.43	5	5	ND	3	6	.6	2	2	43	.07	.032	13	11	.32	56	.06	2	1.89	.01	.05	1	4
L2000N 3175E	1	23	26	50	.2	9	6	187	3.50	3	5	ND	3	4	.5	2	2	66	.04	.026	10	9	.23	53	.09	3	2.61	.01	.04	1	1
L2000N 3200E	1	113	19	90	.1	14	11	291	6.54	2	5	ND	1	7	.2	2	2	198	.09	.036	8	8	.36	53	.13	3	2.31	.01	.06	1	8
L2000N 3225E	1	99	34	89	.9	19	9	1225	4.26	4	5	ND	1	20	.2	2	3	127	.28	.048	9	11	.37	89	.16	2	3.36	.02	.07	2	2
L2000N 3250E	1	62	17	75	.4	17	9	276	4.27	7	5	ND	2	21	.9	2	2	112	.34	.027	17	12	.54	85	.10	2	2.35	.02	.08	1	2
L2000N 3275E	1	63	21	77	.4	12	11	364	3.99	2	5	ND	1	20	.4	2	2	96	.28	.039	16	8	.32	92	.13	2	2.58	.02	.05	1	1
L2000N 3300E	1	46	31	92	.6	18	16	985	3.71	4	5	ND	1	14	1.0	2	2	87	.18	.030	14	13	.49	85	.14	2	2.65	.02	.06	1	1
L2000N 3325E	1	21	16	55	.2	11	6	168	3.88	2	5	ND	1	10	.2	2	2	106	.18	.020	9	8	.30	56	.12	2	1.55	.02	.04	1	6
L2000N 3350E	1	83	37	79	.8	23	19	1788	3.69	2	5	ND	1	32	.9	2	2	91	.37	.062	42	14	.61	110	.07	2	3.09	.02	.06	1	2
L2000N 3375E	1	68	13	71	.2	19	14	262	4.02	2	5	ND	3	9	.4	2	5	94	.13	.024	18	16	.79	59	.07	2	2.76	.02	.06	1	1
L2000N 3400E	1	34	25	76	.4	17	12	1037	3.16	4	5	ND	1	25	.4	2	2	76	.28	.030	24	11	.42	110	.09	2	2.08	.02	.07	1	5
L2000N 3425E	1	58	35	105	.3	25	16	940	4.01	2	5	ND	3	15	.4	2	2	67	.17	.034	25	18	.65	109	.08	2	3.28	.02	.09	1	1
L2000N 3450E	1	25	18	75	.2	14	7	175	3.12	4	5	ND	3	8	.4	2	2	55	.13	.025	16	11	.42	68	.06	2	1.65	.01	.06	1	3
L2000N 3475E	1	59	42	119	.4	27	12	1282	3.87	4	5	ND	1	13	.2	2	2	65	.18	.039	31	31	.60	119	.08	3	3.55	.01	.10	1	2
L2000N 3500E	1	61	37	113	.4	28	12	1198	3.96	2	5	ND	2	13	.8	2	2	66	.17	.038	31	30	.62	122	.08	2	3.71	.01	.10	1	3
STANDARD C/AU-S	19	58	40	132	7.1	73	31	1054	3.94	42	16	7	37	53	18.4	15	20	55	.46	.092	39	61	.89	181	.07	36	1.90	.06	.13	13	46

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1900N 3025E	3	85	82	132	.1	16	9	501	4.39	2	5	ND	7	8	.6	2	2	78	.15	.044	23	8	.83	71	.07	2	2.00	.01	.06	3	76
L1900N 3050E	2	44	49	139	.4	13	9	996	3.38	3	5	ND	2	14	2.2	2	2	60	.15	.119	10	11	.24	129	.12	4	2.70	.02	.07	1	14
L1900N 3075E	2	30	35	88	.1	13	8	1158	3.46	3	5	ND	5	8	.7	2	2	59	.09	.049	22	10	.50	76	.07	2	1.40	.01	.07	1	24
L1900N 3100E	2	31	76	81	.6	14	8	244	2.87	8	5	ND	2	14	1.3	2	2	132	.17	.040	13	11	.56	86	.11	3	2.05	.01	.08	1	14
L1900N 3125E	2	45	16	91	1.3	12	8	196	3.75	2	8	ND	4	7	1.3	2	2	69	.07	.057	8	12	.42	59	.14	4	4.82	.02	.05	1	19
L1900N 3150E	1	215	107	166	.1	28	20	369	7.50	5	5	ND	7	9	1.0	7	2	201	.11	.049	17	9	1.60	59	.13	10	2.96	.01	.13	1	90
L1900N 3175E	4	50	88	100	2.0	13	22	2875	4.19	2	5	ND	1	30	1.5	2	2	90	.36	.084	14	13	.04	154	.13	6	2.25	.02	.08	1	18
L1900N 3200E	2	41	49	83	.2	14	8	228	3.84	2	5	ND	4	12	.9	2	2	68	.18	.030	13	11	.62	87	.10	4	2.37	.02	.06	1	35
L1900N 3225E	2	18	28	65	.4	9	5	556	3.20	2	5	ND	3	9	.7	2	2	55	.11	.040	14	12	.31	80	.12	2	1.52	.01	.06	1	9
L1900N 3250E	2	12	17	35	.3	5	3	274	2.90	2	5	ND	2	14	.5	2	2	55	.25	.033	10	8	.11	74	.13	2	1.23	.01	.07	1	3
L1900N 3275E	1	30	11	60	.3	9	9	453	2.54	2	6	ND	2	11	.6	2	2	34	.17	.033	8	3	.40	76	.07	2	1.51	.01	.06	1	6
L1900N 3300E	1	32	33	59	1.2	10	5	128	.87	3	10	ND	1	28	1.0	2	2	22	.36	.160	36	11	.24	139	.02	2	2.09	.02	.06	1	4
L1900N 3325E	1	38	28	85	.4	13	11	501	3.41	2	5	ND	2	14	1.3	2	2	84	.20	.027	12	11	.51	111	.13	3	2.07	.02	.07	1	9
L1900N 3350E	2	77	18	72	.8	14	13	1549	3.76	2	5	ND	1	24	1.0	2	2	96	.35	.068	24	11	.37	101	.08	3	2.43	.02	.06	1	6
L1900N 3375E	1	103	15	93	.3	22	16	865	5.08	2	5	ND	1	27	1.4	3	2	119	.38	.061	18	10	.72	114	.11	6	3.20	.02	.09	1	12
L1900N 3400E	1	81	38	120	.4	19	23	5761	3.83	2	5	ND	1	51	2.1	2	2	88	.80	.104	24	10	.01	208	.07	6	2.49	.02	.14	1	3
L1900N 3425E	1	84	19	94	.1	19	50	3799	6.06	2	5	ND	4	20	.8	4	2	114	.31	.042	17	11	.27	118	.10	7	2.10	.02	.08	1	17
L1900N 3450E	1	23	19	49	.2	8	5	244	2.57	5	5	ND	3	11	.7	2	2	68	.18	.025	18	9	.29	88	.10	2	1.38	.01	.05	2	5
L1900N 3475E	1	64	28	66	.6	17	17	1324	2.82	2	5	ND	1	34	1.6	2	2	59	.44	.076	30	9	.43	125	.05	2	2.21	.01	.07	1	4
L1900N 3500E	2	58	29	77	.2	23	18	1264	3.91	2	5	ND	2	21	1.0	2	2	77	.23	.050	22	14	.63	101	.08	3	2.90	.01	.08	1	3
L1800N 3025E	2	61	80	170	.3	21	13	1162	4.76	2	5	ND	5	13	1.2	2	2	65	.18	.068	18	15	.60	140	.10	5	2.42	.01	.10	1	34
L1800N 3050E	2	52	73	153	.6	16	14	429	3.79	2	6	ND	6	8	1.7	2	2	63	.08	.050	12	13	.49	103	.12	3	3.79	.02	.06	1	16
L1800N 3075E	1	19	23	62	.5	6	4	313	2.60	2	5	ND	2	10	1.1	2	2	49	.16	.035	8	9	.14	89	.14	2	2.39	.02	.05	1	6
L1800N 3100E	2	25	41	52	.4	6	6	247	3.12	2	5	ND	2	10	1.7	2	2	49	.11	.035	11	8	.14	75	.17	2	2.10	.02	.05	1	1
L1800N 3150E	2	66	41	88	.2	15	11	534	4.75	9	5	ND	5	11	.8	4	2	111	.21	.044	18	10	.60	62	.10	6	1.88	.01	.09	1	15
L1800N 3175E	2	26	31	61	.7	8	5	166	5.22	2	5	ND	4	7	1.0	3	2	84	.08	.034	14	10	.27	55	.14	6	1.67	.01	.05	1	14
L1800N 3200E	3	30	46	63	.7	11	7	86	2.49	2	9	ND	3	11	.8	2	2	71	.12	.024	15	10	.38	96	.15	2	1.93	.02	.06	1	11
L1800N 3225E	1	10	25	27	.3	4	2	43	1.63	2	5	ND	2	6	.6	2	2	38	.04	.014	9	5	.10	53	.15	2	1.27	.02	.03	2	6
L1800N 3250E	2	13	31	33	.7	5	3	50	3.41	2	5	ND	2	9	1.5	2	2	64	.10	.031	6	7	.09	59	.22	4	1.18	.02	.04	1	3
L1800N 3275E	2	16	29	37	.3	6	3	147	3.54	2	5	ND	1	9	1.0	2	2	65	.11	.036	7	8	.14	61	.19	6	1.09	.02	.04	1	57
L1800N 3300E	2	25	31	51	.5	9	5	167	3.19	2	5	ND	3	10	.9	2	2	58	.13	.037	15	8	.35	79	.08	2	1.57	.01	.06	1	20
L1800N 3325E	2	30	74	51	.7	8	10	244	2.59	2	5	ND	2	7	1.1	2	2	43	.06	.032	12	7	.23	64	.15	3	2.15	.02	.05	1	6
L1800N 3350E	2	32	78	82	.9	11	6	344	3.29	2	5	ND	2	11	1.1	2	2	52	.15	.040	11	11	.30	118	.09	4	2.31	.01	.07	1	5
L1800N 3375E	2	33	63	68	1.0	8	5	544	3.38	2	5	ND	2	8	1.8	2	2	52	.06	.027	7	9	.11	124	.16	2	2.05	.02	.05	1	1
L1800N 3400E	4	60	69	140	.1	24	13	235	5.36	2	5	ND	7	10	.8	2	3	79	.12	.040	13	17	.79	137	.06	6	3.57	.01	.08	1	22
L1800N 3425E	2	39	34	77	.2	13	8	159	3.93	2	5	ND	5	7	.8	2	2	67	.10	.031	12	10	.59	63	.07	5	2.21	.01	.07	1	12
STANDARD C/AU-S	19	62	38	130	6.9	70	32	1052	3.94	38	17	6	37	53	18.5	15	21	54	.46	.099	35	56	.91	181	.07	34	1.88	.06	.14	13	50

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1800N 3450E	2	26	71	94	.3	11	10	121	2.65	2	5	ND	5	10	.2	4	2	67	.13	.013	15	11	.48	103	.06	6	2.04	.01	.06	3	20
L1800N 3475E	1	57	78	91	.9	13	10	200	2.91	4	5	ND	1	16	.7	4	2	52	.21	.031	31	8	.42	137	.04	2	2.09	.01	.05	1	8
L1800N 3500E	1	20	59	35	.5	5	4	69	3.38	2	5	ND	1	11	.2	3	2	61	.17	.023	11	7	.12	127	.11	2	1.81	.01	.04	1	4
L1700N 3025E	1	46	74	138	.2	13	14	1789	3.06	7	5	ND	2	14	.4	5	2	43	.19	.046	18	10	.42	172	.05	3	1.84	.01	.07	1	12
L1700N 3050E	1	22	48	50	.7	6	6	623	1.80	2	5	ND	1	10	.5	3	2	37	.13	.029	16	6	.17	152	.06	2	.91	.01	.06	1	8
L1700N 3075E	1	12	43	40	.5	5	3	91	1.94	4	5	ND	1	6	.2	3	2	42	.08	.025	12	6	.12	101	.10	2	.85	.01	.04	1	9
L1700N 3100E	1	24	170	109	.5	6	4	170	2.41	3	5	ND	1	22	.3	3	2	43	.44	.024	14	7	.26	174	.07	2	1.30	.01	.05	1	5
L1700N 3125E	2	74	216	338	1.5	20	15	1054	4.22	7	5	ND	1	23	1.9	2	2	72	.35	.049	20	12	.57	192	.07	2	3.39	.01	.10	1	33
L1700N 3150E	2	69	434	324	.9	23	14	1183	3.99	2	5	ND	2	16	1.5	3	2	63	.25	.056	21	13	.61	226	.07	2	3.12	.01	.13	2	34
L1700N 3175E	1	34	98	131	.1	13	18	1950	3.58	4	5	ND	1	13	.6	3	2	73	.21	.041	17	8	.54	200	.06	2	1.49	.01	.09	1	250
L1700N 3200E	1	56	66	88	.1	16	13	391	4.17	4	5	ND	3	10	.2	3	2	92	.18	.035	16	6	.76	77	.07	2	1.65	.01	.08	1	15
L1700N 3225E	2	28	42	68	.7	12	9	698	3.12	4	5	ND	1	8	.2	2	2	72	.14	.037	18	7	.47	93	.08	2	1.50	.01	.10	1	10
L1700N 3250E	1	54	55	77	.1	17	11	387	3.71	2	5	ND	4	7	.2	2	2	78	.10	.028	21	6	.69	94	.05	2	1.61	.01	.06	1	24
L1700N 3275E	2	107	97	112	1.2	19	20	625	4.57	2	5	ND	3	10	.3	4	2	89	.10	.031	17	11	.74	107	.13	2	2.81	.02	.08	1	17
L1700N 3300E	1	30	57	79	.3	15	8	231	2.40	3	15	ND	1	13	.2	2	2	57	.17	.031	14	8	.56	128	.08	3	1.64	.01	.09	1	10
L1700N 3325E	2	100	84	111	.4	22	21	692	4.44	5	5	ND	2	14	.6	3	2	98	.15	.035	26	11	.76	129	.09	2	2.52	.01	.09	1	22
L1700N 3350E	2	64	93	116	.4	26	43	1312	3.91	3	5	ND	1	18	.5	2	2	89	.18	.040	19	12	.80	160	.08	2	2.72	.01	.15	2	3
L1700N 3375E	2	78	67	97	.2	19	22	632	4.08	4	5	ND	3	10	.2	2	2	85	.13	.032	19	10	.70	86	.08	2	2.30	.01	.09	1	24
L1700N 3400E	2	16	41	35	.5	7	5	152	2.26	5	6	ND	2	17	.2	3	2	37	.23	.028	15	4	.29	80	.07	2	.98	.01	.05	1	9
L1700N 3425E	1	69	93	64	.2	17	7	148	1.49	6	10	ND	1	16	.5	2	2	48	.19	.049	27	11	.41	109	.05	3	2.52	.01	.06	2	16
L1700N 3450E	4	98	134	111	1.3	19	61	3086	8.02	11	5	ND	1	37	1.1	2	7	138	.63	.124	34	9	.46	192	.05	2	3.32	.01	.09	1	5
L1700N 3475E	2	36	38	72	.2	14	10	263	4.93	6	5	ND	4	11	.2	3	3	95	.18	.019	16	8	.42	86	.10	2	1.72	.01	.07	1	44
L1700N 3500E	3	61	45	65	.1	17	12	171	5.44	11	5	ND	8	6	.4	3	2	68	.05	.025	25	12	.29	100	.17	2	4.68	.02	.07	1	7
L1600N 3025E	1	12	23	33	.7	5	4	68	1.84	3	5	ND	1	8	.2	2	2	52	.12	.020	20	5	.16	61	.03	2	.82	.01	.04	1	7
L1600N 3050E	1	41	58	105	.7	15	15	664	3.37	7	5	ND	3	15	.2	2	2	59	.18	.032	16	9	.50	119	.10	2	2.23	.02	.07	1	8
L1600N 3075E	1	10	23	34	.1	4	3	204	1.11	2	5	ND	1	7	.2	2	2	37	.09	.021	11	5	.07	61	.09	2	.64	.01	.04	1	4
L1600N 3100E	2	28	77	113	.4	10	9	466	3.71	7	7	ND	2	6	.5	2	2	60	.05	.044	14	12	.28	111	.12	2	2.70	.01	.05	3	4
L1600N 3125E	2	76	110	122	.1	20	11	239	4.11	5	5	ND	8	5	.2	2	2	60	.05	.042	21	10	.65	63	.06	2	2.59	.01	.07	1	40
L1600N 3150E	2	43	64	71	.8	12	10	230	3.95	7	5	ND	4	8	.2	2	2	75	.10	.032	12	7	.49	48	.09	2	2.92	.01	.06	1	26
L1600N 3175E	1	54	56	84	.6	14	11	645	3.79	5	5	ND	5	6	.2	3	2	69	.07	.043	19	9	.55	66	.06	2	1.71	.01	.05	1	29
L1600N 3200E	1	95	127	111	.4	21	15	350	4.26	5	5	ND	6	9	.2	2	2	85	.11	.025	25	9	.88	72	.07	3	2.06	.01	.08	1	19
L1600N 3225E	2	66	43	89	.3	15	15	290	4.23	4	5	ND	3	8	.2	2	2	82	.09	.035	20	9	.61	78	.09	2	2.07	.01	.07	1	30
L1600N 3250E	1	60	39	75	.2	13	14	295	4.31	8	5	ND	4	8	.2	2	3	94	.11	.032	20	9	.58	77	.11	2	2.00	.01	.07	1	6
L1600N 3275E	1	52	47	69	.1	15	10	215	3.69	6	8	ND	4	6	.2	2	2	71	.09	.047	17	8	.51	47	.09	2	2.03	.01	.06	1	30
L1600N 3300E	2	49	46	74	.1	14	11	264	3.73	5	5	ND	6	6	.2	2	2	69	.09	.052	19	9	.54	42	.09	2	2.13	.01	.06	1	6
L1600N 3325E	1	16	37	62	.1	17	10	244	3.13	5	7	ND	3	9	.2	2	2	36	.11	.024	19	13	.88	44	.03	2	1.79	.01	.04	1	6
STANDARD C/AU-S	20	61	38	133	7.0	73	32	1051	3.95	42	16	7	39	52	19.7	14	19	58	.45	.094	40	58	.89	187	.08	32	1.89	.06	.14	11	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1600N 3350E	1	21	35	72	.1	12	10	500	2.71	2	5	ND	3	12	.8	2	2	55	.13	.032	22	11	.42	131	.08	2	1.57	.01	.08	2	8
L1600N 3375E	2	42	43	100	.3	18	18	979	3.23	2	5	ND	3	18	1.4	2	2	61	.22	.050	23	11	.49	133	.06	2	2.08	.01	.10	1	12
L1600N 3400E	1	25	32	61	.2	11	7	222	3.27	2	5	ND	3	10	.4	2	2	91	.13	.043	20	8	.44	71	.09	2	1.43	.01	.06	1	15
L1600N 3425E	2	24	31	51	.3	9	6	167	3.47	2	5	ND	2	10	.4	2	2	87	.14	.052	15	8	.28	66	.12	2	1.15	.01	.07	1	24
L1600N 3450E	1	55	32	62	.1	12	10	269	3.73	2	5	ND	5	9	1.0	2	2	86	.14	.032	16	6	.58	68	.11	2	1.50	.01	.07	1	25
L1600N 3475E	2	47	45	75	.4	14	10	1082	3.38	2	5	ND	3	15	1.3	3	2	92	.22	.040	19	7	.49	110	.09	2	1.58	.02	.08	2	22
L1600N 3500E	3	57	71	79	1.5	15	10	911	3.50	5	6	ND	2	23	1.9	2	2	67	.32	.059	26	9	.28	101	.14	2	2.21	.02	.09	1	35
L1500N 3025E	1	20	14	34	.1	6	4	333	1.82	2	5	ND	3	8	.4	2	2	52	.09	.027	26	6	.10	73	.08	2	.84	.01	.07	2	1
L1500N 3050E	1	74	63	92	2.9	13	5	511	2.40	2	5	ND	1	19	1.5	2	2	69	.33	.046	17	13	.30	63	.07	2	1.83	.01	.11	2	4
L1500N 3075E	1	33	61	89	.9	15	8	1120	2.48	2	5	ND	1	23	1.5	2	2	54	.31	.042	15	15	.26	123	.10	2	1.63	.02	.09	2	8
L1500N 3100E	2	26	84	43	2.5	6	4	259	2.84	2	7	ND	5	5	.7	2	2	47	.03	.052	8	9	.11	47	.12	2	4.04	.02	.04	2	1
L1500N 3125E	2	11	26	27	.6	5	2	104	2.38	2	5	ND	3	7	.7	2	2	52	.07	.050	8	9	.08	30	.15	2	2.34	.02	.04	1	7
L1500N 3150E	2	36	32	86	.8	12	7	295	3.39	2	5	ND	5	6	1.3	2	2	60	.04	.043	21	11	.28	64	.05	2	2.01	.01	.08	1	2
L1500N 3175E	2	26	35	79	.3	11	6	120	3.52	2	5	ND	6	7	1.0	2	2	45	.05	.037	16	13	.29	53	.09	2	2.66	.01	.06	1	7
L1500N 3200E	3	51	75	103	.6	18	14	249	3.59	2	6	ND	10	6	1.0	2	2	55	.04	.032	24	12	.57	78	.08	2	2.48	.01	.08	1	33
L1500N 3225E	1	18	35	56	.5	8	4	128	2.65	2	5	ND	4	7	.9	2	2	56	.06	.031	23	9	.23	59	.10	2	1.24	.01	.07	1	10
L1500N 3250E	2	36	23	43	.6	9	4	100	3.41	2	5	ND	5	5	.5	2	2	59	.04	.053	10	9	.25	37	.11	2	3.39	.01	.04	2	53
L1500N 3275E	2	30	35	50	2.3	10	5	387	2.99	2	5	38	4	9	.7	2	2	62	.13	.050	14	10	.30	45	.10	2	2.43	.01	.06	1	10
L1500N 3300E	2	23	27	43	.8	8	4	101	2.57	2	7	ND	5	6	.7	2	2	51	.05	.045	11	9	.27	50	.11	2	3.17	.02	.05	3	9
L1500N 3325E	1	18	25	30	.3	7	4	143	2.37	2	5	ND	4	8	.8	2	2	51	.08	.044	16	8	.19	61	.11	2	1.89	.01	.06	1	34
L1500N 3350E	2	31	30	46	.5	9	5	104	3.29	2	5	ND	5	6	.6	2	2	65	.05	.052	9	9	.29	50	.12	2	3.45	.02	.05	2	3
L1500N 3375E	2	24	41	38	.2	8	5	138	4.00	2	5	ND	6	10	.8	2	3	109	.10	.044	22	9	.27	42	.11	6	1.32	.01	.06	2	3
L1500N 3400E	2	27	16	59	.4	9	6	212	3.22	2	6	ND	6	6	.6	2	2	55	.04	.063	8	9	.21	48	.10	2	4.67	.01	.04	1	5
L1500N 3425E	2	54	39	93	.1	15	10	174	3.38	2	5	ND	9	6	.9	2	2	57	.07	.047	22	10	.62	68	.06	2	2.59	.01	.07	1	6
L1500N 3450E	1	13	20	36	.1	7	3	102	2.75	2	5	ND	4	6	.4	2	3	67	.03	.043	27	8	.20	41	.08	2	1.14	.01	.05	2	7
L1500N 3475E	2	20	32	50	.1	10	4	115	3.94	2	5	ND	5	6	.7	2	2	85	.05	.043	20	13	.30	45	.10	2	1.58	.01	.06	2	26
L1500N 3500E	2	28	44	188	.1	17	11	2305	3.15	7	5	ND	3	21	2.5	2	2	51	.29	.043	19	13	.15	174	.06	2	1.88	.01	.09	1	8
STANDARD C/AU-S	20	63	37	133	7.3	73	32	1052	3.94	41	21	7	39	53	18.5	15	22	57	.46	.096	40	60	.92	183	.08	32	1.89	.07	.14	11	55

ACME [illegible]CAL LABORATORIES LTD. 852 E. HASTINGS ST. V[illegible]VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6[illegible] 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-4909 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: LYNEA CARLSON

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1400N 3025E	1	17	23	38	.2	8	3	393	2.41	2	5	ND	1	6	.3	2	2	53	.07	.032	9	11	.23	46	.07	3	1.19	.01	.04	1	8
L1400N 3050E	1	34	39	59	2.0	9	12	884	2.37	4	5	ND	1	9	.6	2	2	39	.12	.050	7	10	.12	64	.08	2	2.34	.01	.04	1	1
L1400N 3075E	1	23	61	42	3.1	7	5	117	2.54	2	5	ND	2	7	.9	2	2	32	.04	.032	13	7	.15	65	.11	3	1.58	.01	.03	1	2
L1400N 3100E	2	29	34	42	.2	7	4	127	3.92	2	5	ND	3	5	.6	2	2	48	.07	.033	12	9	.28	33	.03	3	1.50	.01	.03	1	5
L1400N 3125E	1	14	83	80	.4	8	6	541	3.53	2	5	ND	3	5	1.0	2	2	45	.03	.036	8	10	.16	51	.10	3	1.49	.01	.03	1	8
L1400N 3150E	1	43	140	58	.3	7	34	2598	2.30	6	5	ND	1	10	1.2	2	2	31	.10	.056	12	9	.01	92	.03	3	1.13	.01	.04	1	7
L1400N 3175E	2	24	75	60	.5	11	5	174	3.73	5	7	ND	5	4	.8	2	4	46	.03	.033	9	14	.26	43	.08	3	3.32	.01	.04	1	2
L1400N 3200E	1	13	24	34	.1	7	3	325	2.28	3	5	ND	2	8	.6	2	2	42	.09	.031	12	7	.17	61	.06	2	.87	.01	.03	1	5
L1400N 3225E	1	13	30	35	.2	6	3	448	3.30	2	5	ND	3	7	1.0	2	2	50	.10	.031	8	10	.10	46	.09	3	1.91	.01	.03	1	2
L1400N 3250E	1	36	45	86	.4	11	23	606	3.40	3	5	ND	4	5	1.3	2	2	42	.04	.045	11	12	.25	59	.07	3	2.45	.01	.05	1	1
L1400N 3300E	1	28	21	60	.1	9	5	294	3.01	3	5	ND	4	5	.6	2	2	41	.05	.039	14	10	.36	50	.04	3	1.26	.01	.04	1	12
L1400N 3325E	1	17	8	39	1.0	6	3	122	2.32	6	21	ND	3	5	.7	2	2	31	.03	.048	3	10	.10	28	.12	3	4.37	.02	.02	1	2
L1400N 3350E	1	30	32	85	.2	10	7	665	2.79	6	5	ND	4	9	.9	2	2	50	.12	.058	12	10	.36	68	.07	4	2.19	.02	.10	1	3
L1400N 3375E	1	25	15	44	.4	7	4	122	2.01	6	10	ND	3	5	.2	2	2	38	.05	.025	8	8	.24	56	.09	2	2.66	.01	.03	1	6
L1400N 3400E	1	17	19	34	.2	6	3	81	2.76	2	5	ND	2	4	.2	2	2	58	.05	.031	8	8	.24	38	.09	6	1.49	.01	.03	1	9
L1400N 3425E	1	14	30	38	.3	7	4	95	3.25	2	5	ND	3	5	.5	2	2	60	.04	.025	11	7	.25	43	.08	21	1.36	.01	.03	1	5
L1400N 3450E	1	12	20	55	1.0	5	2	93	3.94	4	5	ND	3	6	1.0	2	2	61	.09	.043	8	10	.16	40	.12	3	2.08	.01	.03	1	1
L1400N 3475E	1	5	10	34	.2	6	4	80	1.82	2	5	ND	1	6	.2	2	2	52	.11	.016	5	6	.28	31	.08	4	.70	.01	.04	1	1
L1400N 3500E	1	7	11	27	.1	4	2	95	.97	3	5	ND	1	7	.2	2	3	26	.12	.021	12	4	.07	50	.04	6	.45	.01	.04	1	2
L1300N 3025E	1	9	10	21	.1	4	2	54	2.25	3	5	ND	1	4	.2	2	2	49	.03	.023	5	8	.10	26	.10	4	1.56	.01	.03	1	2
L1300N 3050E	1	63	34	72	.1	13	7	153	3.24	4	5	ND	7	3	.9	2	5	43	.03	.037	17	11	.59	36	.03	3	1.98	.01	.04	1	8
L1300N 3075E	1	16	25	37	.1	7	3	159	3.02	2	5	ND	3	6	.2	4	2	40	.08	.029	15	9	.23	47	.06	2	1.17	.01	.04	1	8
L1300N 3100E	1	12	24	33	.1	6	3	99	1.68	2	5	ND	2	5	.2	2	2	34	.06	.021	17	8	.23	59	.04	2	1.08	.01	.04	1	17
L1300N 3125E	1	7	16	23	.1	3	1	57	1.75	2	5	ND	2	3	.2	2	2	43	.02	.019	9	5	.06	24	.08	2	.78	.01	.02	1	2
L1300N 3150E	1	9	36	23	.2	5	2	106	2.47	3	5	ND	2	4	.5	2	2	41	.02	.050	4	9	.08	23	.12	2	2.61	.01	.02	1	1
L1300N 3175E	1	18	24	39	.4	7	4	139	2.92	3	5	ND	2	4	.5	2	2	62	.02	.031	6	10	.16	39	.12	2	1.86	.01	.03	1	1
L1300N 3200E	1	27	28	68	.1	11	6	122	2.36	8	11	ND	4	4	.4	2	2	34	.03	.035	6	9	.26	38	.09	2	3.67	.01	.03	1	2
L1300N 3225E	1	21	25	65	.1	10	6	140	3.04	4	5	ND	5	5	.6	2	3	44	.04	.033	12	10	.30	72	.09	2	1.96	.01	.04	1	7
L1300N 3250E	1	20	25	38	.1	8	4	108	2.43	5	5	ND	3	4	.3	2	2	49	.05	.025	18	8	.26	31	.04	5	1.02	.01	.03	1	5
L1300N 3275E	1	25	28	58	.1	9	6	394	2.85	2	5	ND	4	4	.3	2	2	47	.03	.041	11	12	.24	51	.07	6	1.90	.01	.04	1	6
L1300N 3300E	1	18	26	40	.1	6	4	299	1.76	2	5	ND	2	5	.2	2	2	34	.05	.024	11	7	.18	50	.06	23	1.18	.01	.03	1	2
L1300N 3325E	1	31	31	76	.1	10	7	527	2.85	2	5	ND	3	7	.4	2	2	48	.12	.033	15	8	.36	77	.05	4	1.09	.01	.06	1	4
L1300N 3350E	1	38	48	100	.1	11	10	490	3.40	4	5	ND	3	9	.9	2	2	51	.14	.036	11	10	.31	89	.08	23	2.00	.01	.05	1	11
L1300N 3375E	1	14	20	46	.1	6	3	76	1.67	2	5	ND	1	6	.4	2	2	45	.08	.021	12	6	.19	60	.06	2	.79	.01	.03	1	7
L1300N 3400E	1	18	40	75	.1	8	4	158	3.54	2	5	ND	3	6	1.0	2	2	62	.06	.029	8	8	.19	71	.14	6	2.14	.01	.04	1	9
L1300N 3425E	1	9	14	28	.1	3	1	43	1.84	2	5	ND	1	6	.2	2	2	37	.08	.033	6	6	.04	52	.08	2	1.72	.01	.02	1	5
STANDARD C/AU-S	18	58	39	131	6.9	68	31	1050	3.95	37	20	7	37	53	18.0	16	21	55	.46	.096	35	55	.91	180	.07	34	1.91	.07	.13	13	46

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 1 1990 DATE REPORT MAILED: Oct 4/90. SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1300N 3450E	1	13	20	27	.3	3	2	54	2.11	2	5	ND	3	4	.2	2	2	43	.04	.020	12	6	.14	26	.10	2	1.75	.02	.03	1	6
L1300N 3475E	1	10	23	30	.2	4	2	63	1.49	2	5	ND	2	11	.2	2	2	43	.10	.018	18	6	.16	54	.09	2	.97	.01	.05	1	6
L1300N 3500E	2	25	30	66	.3	10	5	136	4.15	4	5	ND	2	10	1.4	2	2	61	.11	.039	15	11	.34	65	.14	2	2.15	.02	.05	1	2
L1200N 2500E	1	19	14	64	.2	12	6	148	3.20	10	5	ND	5	7	.7	2	2	42	.04	.033	12	14	.29	50	.12	2	2.63	.02	.05	1	18
L1200N 2525E	1	15	9	35	.1	8	4	87	2.13	2	5	ND	5	6	.2	2	2	34	.05	.023	24	10	.26	30	.06	2	1.25	.01	.05	1	10
L1200N 2550E	1	14	16	51	.2	10	5	208	3.17	2	5	ND	6	5	.5	2	2	36	.02	.031	28	14	.35	47	.05	2	1.78	.01	.05	1	13
L1200N 2575E	1	10	13	23	.1	4	2	149	1.20	2	5	ND	1	6	.2	2	2	23	.03	.026	34	7	.08	33	.04	2	.88	.01	.04	1	5
L1200N 2600E	1	7	10	26	.2	4	1	70	2.96	2	5	ND	3	5	.6	2	2	48	.02	.036	11	11	.11	34	.15	2	1.50	.01	.04	1	8
L1200N 2625E	1	9	4	24	.1	5	2	76	2.95	4	5	ND	3	4	.6	2	2	45	.01	.033	22	10	.18	33	.08	2	1.61	.01	.04	1	3
L1200N 2650E	1	7	7	23	.1	5	2	55	2.06	2	5	ND	1	4	.2	2	2	29	.01	.030	30	9	.18	29	.03	2	1.15	.01	.04	1	6
L1200N 2675E	1	8	7	16	.2	3	1	20	2.33	3	5	ND	3	3	.2	2	2	39	.01	.034	8	9	.05	22	.11	2	2.43	.02	.02	1	2
L1200N 2700E	1	7	9	29	.1	5	2	73	2.23	2	5	ND	3	4	.2	2	2	39	.02	.026	19	10	.14	34	.10	2	1.55	.01	.04	1	2
L1200N 2725E	1	15	7	41	.3	9	4	143	2.91	17	13	ND	6	6	1.0	2	2	33	.03	.044	5	13	.16	32	.14	2	6.69	.02	.03	1	6
L1200N 2750E	1	16	24	57	.2	11	5	309	3.22	5	5	ND	7	6	.5	2	2	34	.04	.034	29	13	.29	45	.06	2	1.83	.01	.07	1	39
L1200N 2775E	1	24	31	76	.1	15	9	347	3.09	7	5	ND	9	5	.6	2	2	27	.03	.047	26	15	.35	57	.05	2	2.66	.01	.07	1	23
L1200N 2800E	2	14	25	32	.6	6	2	158	4.83	6	5	ND	5	5	1.2	2	2	60	.02	.036	9	15	.09	36	.14	2	2.84	.02	.03	1	10
L1200N 2825E	1	6	17	23	.1	4	1	42	1.14	2	5	ND	2	6	.2	2	2	32	.03	.015	19	7	.07	44	.09	2	.93	.01	.03	1	4
L1200N 2850E	1	16	15	38	.1	8	4	77	2.53	4	5	ND	8	4	.2	2	2	25	.02	.025	29	11	.22	40	.04	2	1.79	.01	.05	1	33
L1200N 2875E	2	18	18	54	.4	9	4	130	2.83	5	5	ND	3	14	.2	2	2	32	.09	.042	16	10	.27	50	.06	2	1.74	.01	.07	1	29
L1200N 2900E	1	14	15	40	.1	7	3	92	2.03	4	5	ND	2	7	.2	2	2	46	.05	.026	18	9	.12	51	.09	2	1.04	.01	.04	1	22
L1200N 2925E	2	50	27	72	1.3	12	13	2328	2.96	2	5	ND	1	13	1.1	2	2	47	.13	.049	21	13	.04	95	.11	2	2.11	.02	.07	1	7
L1200N 2950E	2	43	31	84	.7	12	13	1755	2.97	3	5	ND	1	12	.6	2	2	48	.19	.037	22	13	.24	94	.08	2	1.98	.01	.07	1	21
L1200N 2975E	2	31	42	82	.8	11	11	1749	3.18	2	5	ND	3	13	1.1	2	2	43	.19	.043	15	13	.12	86	.14	2	2.64	.02	.06	1	4
L1200N 3000E	2	66	37	101	1.3	17	15	2440	4.06	10	5	ND	3	11	1.4	2	2	57	.12	.051	15	17	.15	96	.14	3	3.79	.02	.09	1	4
L1200N 3025E	2	48	53	79	.5	12	10	502	3.67	8	5	ND	4	8	.7	2	2	70	.07	.054	10	12	.33	61	.16	2	3.77	.02	.07	1	6
L1200N 3050E	1	16	17	36	.1	8	3	104	2.95	2	5	ND	4	5	.3	2	2	77	.03	.031	16	12	.24	40	.14	11	1.47	.01	.05	1	6
L1200N 3075E	2	26	14	54	.1	12	5	98	3.60	4	5	ND	8	4	.7	2	2	39	.02	.035	34	13	.49	38	.03	4	1.75	.01	.06	1	46
L1200N 3100E	1	23	18	37	.1	7	3	73	2.31	4	5	ND	5	8	.2	2	2	46	.06	.026	30	10	.22	49	.03	2	1.32	.01	.03	1	88
L1200N 3125E	2	16	24	54	.2	9	5	124	3.17	12	5	ND	6	5	.4	2	2	41	.03	.035	12	13	.20	62	.10	2	3.95	.01	.04	1	33
L1200N 3150E	1	37	28	61	.2	11	7	300	4.23	3	5	ND	5	7	.8	2	2	97	.09	.037	21	10	.45	39	.10	2	1.62	.01	.06	1	38
L1200N 3175E	1	49	40	101	.3	16	12	282	3.64	8	5	ND	7	7	.8	2	2	59	.07	.040	18	13	.49	69	.07	2	3.11	.01	.06	1	79
L1200N 3200E	2	46	32	91	.3	14	8	339	3.71	7	5	ND	6	6	1.0	2	2	58	.06	.040	24	13	.51	54	.06	2	2.07	.01	.06	1	81
L1200N 3225E	2	29	32	84	.5	11	8	313	4.78	2	5	ND	5	6	1.0	2	2	79	.06	.043	16	13	.37	56	.10	2	2.41	.01	.06	1	63
L1200N 3250E	3	72	82	123	1.3	16	13	1317	3.67	6	5	ND	2	10	1.6	2	2	62	.17	.046	22	13	.33	102	.10	2	3.19	.02	.07	1	40
L1200N 3275E	1	47	51	183	1.0	14	14	2512	3.03	3	5	ND	1	36	3.1	2	2	48	.77	.085	13	9	.14	176	.04	8	1.72	.02	.08	1	11
L1200N 3300E	1	12	11	45	.2	5	2	129	2.65	2	5	ND	2	12	.5	2	2	37	.16	.034	11	8	.12	88	.10	2	1.30	.01	.04	1	15
STANDARD C/AU-S	19	57	36	130	7.2	70	32	1051	3.93	38	17	7	37	53	18.3	15	20	56	.46	.098	36	56	.91	180	.07	36	1.91	.06	.14	13	53

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1200N 3325E	2	26	89	61	.5	9	23	1200	2.50	2	5	ND	2	11	.5	2	4	44	.10	.029	10	8	.31	67	.09	2	1.46	.01	.05	1	5
L1200N 3350E	1	16	31	35	.1	5	4	262	1.35	2	7	ND	1	12	.2	2	4	31	.12	.022	18	4	.20	76	.04	2	.66	.01	.04	1	11
L1200N 3375E	3	44	100	99	.9	11	28	1362	2.64	4	5	ND	2	9	.7	2	2	40	.15	.051	29	8	.34	96	.04	5	1.66	.01	.06	1	9
L1200N 3400E	1	30	53	67	.3	12	9	255	3.34	3	5	ND	4	6	.2	2	2	52	.05	.046	16	11	.39	59	.06	2	1.40	.01	.07	1	6
L1200N 3425E	1	23	59	62	.2	7	15	1132	3.01	2	5	ND	1	9	.4	2	2	44	.12	.035	15	8	.25	73	.07	2	1.42	.01	.06	1	5
L1200N 3450E	1	37	49	83	.3	13	12	319	3.24	4	5	ND	4	5	.6	2	6	50	.05	.029	19	9	.64	52	.05	2	1.55	.01	.06	1	35
L1200N 3475E	1	44	66	194	.2	22	20	1281	3.72	5	5	ND	3	15	.8	2	2	51	.17	.046	25	14	.68	97	.05	3	2.55	.01	.09	1	8
L1200N 3500E	1	18	22	79	.3	8	6	275	3.12	2	5	ND	3	5	.3	2	2	29	.02	.067	14	12	.29	37	.08	2	1.36	.01	.07	1	1
L1100N 2500E	1	6	20	15	.1	1	1	75	.43	2	5	ND	1	5	.3	2	3	15	.02	.014	16	4	.07	20	.05	6	.69	.01	.04	1	1
L1100N 2525E	1	6	21	18	.1	3	2	77	1.37	2	5	ND	3	4	.2	2	2	27	.01	.015	8	5	.10	30	.10	3	.85	.01	.03	1	3
L1100N 2550E	1	19	31	94	.4	14	9	197	2.64	6	5	ND	5	4	.2	2	2	25	.02	.038	10	10	.23	59	.05	2	2.75	.01	.04	1	1
L1100N 2575E	1	11	28	31	.2	4	2	150	1.99	6	6	ND	3	4	.2	2	7	27	.01	.036	12	9	.13	36	.06	2	1.37	.01	.03	1	3
L1100N 2600E	1	17	31	58	.1	9	6	136	4.91	8	5	ND	8	4	.4	3	9	33	.01	.082	13	15	.24	25	.06	2	1.98	.01	.05	1	1
L1100N 2625E	1	8	26	30	.3	4	4	135	2.09	2	5	ND	3	5	.2	3	2	32	.01	.048	7	8	.09	39	.11	3	1.85	.01	.04	1	4
L1100N 2650E	1	5	22	15	.3	5	2	45	.73	3	8	ND	3	4	.5	2	5	22	.02	.012	16	5	.06	23	.05	3	.87	.01	.03	1	16
L1100N 2675E	1	7	18	19	.3	1	2	49	1.54	2	5	ND	3	3	.5	2	2	24	.01	.019	10	7	.08	29	.04	2	1.67	.01	.02	1	120
L1100N 2700E	1	5	11	13	.1	2	2	31	.94	6	5	ND	3	3	.2	2	2	20	.01	.013	20	4	.05	17	.02	3	.65	.01	.02	1	17
L1100N 2725E	1	15	28	56	.1	10	7	337	2.79	2	5	ND	5	4	.2	2	2	28	.03	.031	14	10	.24	39	.04	2	1.89	.01	.05	1	30
L1100N 2750E	1	18	26	56	.4	10	7	281	2.88	5	5	ND	5	3	.2	2	2	28	.01	.028	17	9	.23	33	.04	3	1.20	.01	.05	1	7
L1100N 2775E	1	19	41	81	.2	11	7	560	2.83	5	5	ND	5	4	.2	2	2	24	.02	.042	12	10	.24	53	.04	2	1.70	.01	.06	1	13
L1100N 2800E	1	10	113	73	.4	5	4	188	1.61	5	5	ND	2	7	.6	2	2	16	.07	.016	21	7	.20	69	.03	2	.93	.01	.06	1	13
L1100N 2825E	2	26	83	189	.1	18	16	2000	2.79	5	5	ND	2	15	1.7	2	2	22	.14	.036	19	10	.28	147	.05	2	1.49	.01	.06	1	25
L1100N 2850E	2	96	75	88	.5	9	5	247	1.42	2	5	ND	1	16	.2	2	2	16	.27	.084	33	8	.22	79	.03	4	1.65	.01	.05	1	16
L1100N 2875E	1	18	18	40	.2	5	4	85	2.13	2	5	ND	3	6	.2	2	3	26	.04	.024	8	6	.10	44	.07	4	1.43	.01	.03	1	7
L1100N 2900E	1	12	37	48	.2	5	5	1781	1.88	8	5	ND	2	8	.2	2	2	30	.09	.031	10	6	.10	105	.09	3	.60	.01	.05	1	1
L1100N 2925E	3	33	66	89	.1	10	14	3384	2.76	6	5	ND	2	13	.5	2	4	38	.13	.030	18	10	.21	108	.10	3	1.42	.01	.05	1	1
L1100N 2950E	3	25	57	72	.1	10	13	788	2.92	2	5	ND	1	9	.2	2	2	32	.10	.037	16	8	.24	72	.09	3	1.30	.01	.05	1	3
L1100N 2975E	2	15	38	73	.1	7	7	1085	2.12	6	5	ND	1	12	.2	2	3	28	.20	.042	8	8	.16	143	.06	4	.67	.01	.07	1	9
L1100N 3000E	3	31	54	74	.1	12	10	1005	2.76	2	5	ND	1	8	.2	2	4	35	.08	.041	15	8	.27	66	.08	3	1.32	.01	.05	1	12
L1100N 3025E	3	43	67	73	.4	9	8	329	2.61	2	5	ND	3	6	.2	2	2	37	.04	.029	17	8	.29	55	.09	2	1.86	.01	.05	1	1
L1100N 3050E	3	138	55	55	.5	7	5	399	2.10	5	5	ND	1	10	.8	2	2	37	.15	.072	31	8	.15	45	.06	3	1.89	.01	.04	1	8
L1100N 3075E	2	58	42	73	.5	9	9	179	3.09	8	5	ND	1	9	.8	2	2	46	.16	.072	8	6	.21	84	.07	3	1.45	.01	.05	1	11
L1100N 3100E	3	88	53	87	.4	8	16	501	2.88	7	5	ND	1	8	.2	2	2	51	.15	.053	15	8	.27	44	.06	3	2.25	.01	.05	1	6
L1100N 3125E	2	45	91	114	.4	10	10	219	3.21	5	5	ND	1	8	1.6	2	2	50	.23	.053	10	5	.58	37	.03	3	1.28	.01	.07	1	21
L1100N 3150E	1	152	105	44	1.1	3	3	48	1.13	2	11	ND	1	6	.3	2	2	17	.07	.135	17	7	.09	35	.04	4	4.86	.01	.02	1	13
L1100N 3175E	1	67	101	49	3.0	5	3	85	1.78	2	5	ND	1	6	.6	2	2	33	.06	.031	12	6	.13	36	.13	5	2.84	.02	.03	1	6
STANDARD C/AU-S	19	59	41	134	7.1	72	32	1052	3.95	41	18	7	39	52	19.1	15	20	57	.46	.099	39	59	.89	179	.08	34	1.89	.06	.14	11	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1100N 3200E	1	13	21	32	.3	4	2	93	1.96	2	5	ND	2	5	.2	2	2	73	.04	.017	8	5	.10	31	.15	2	.75	.01	.04	1	5
L1100N 3225E	1	60	36	68	.6	9	9	450	4.59	2	5	ND	4	7	.2	2	2	113	.11	.038	7	8	.39	46	.16	2	1.75	.01	.06	1	3
L1100N 3250E	1	25	30	65	.8	8	7	265	3.08	4	5	ND	3	7	.2	2	2	56	.08	.095	7	8	.20	60	.14	2	1.84	.01	.05	1	6
L1100N 3275E	1	46	39	90	1.0	9	7	349	4.01	2	5	ND	5	8	.2	2	2	90	.11	.054	9	8	.38	77	.12	2	1.63	.01	.06	1	15
L1100N 3300E	1	22	27	95	1.0	7	5	3684	2.43	4	5	ND	2	8	.2	2	2	59	.09	.056	12	5	.14	179	.08	2	.97	.01	.06	1	6
L1100N 3325E	1	12	35	34	.3	4	2	144	1.76	2	5	ND	2	5	.2	2	2	57	.04	.022	12	5	.11	38	.12	2	.70	.01	.04	2	6
L1100N 3350E	1	16	31	50	.5	6	4	240	2.63	2	5	ND	3	5	.2	3	2	46	.03	.058	7	8	.12	41	.14	2	2.21	.01	.03	1	2
L1100N 3375E	1	11	62	44	.6	5	2	190	1.67	2	5	ND	1	10	.2	2	2	41	.06	.039	9	7	.11	65	.14	2	.79	.01	.04	1	18
L1100N 3400E	1	10	23	39	1.0	5	3	1117	1.72	2	5	ND	3	5	.2	2	2	36	.05	.041	12	7	.13	81	.09	2	.93	.01	.06	1	7
L1100N 3425E	1	13	21	38	.3	5	3	179	1.70	2	5	ND	3	4	.2	2	2	38	.01	.023	19	7	.15	28	.05	2	.92	.01	.05	2	12
L1100N 3450E	1	22	30	88	.3	15	6	374	2.99	2	5	ND	14	4	.2	2	4	22	.03	.029	25	18	.50	44	.06	2	1.46	.01	.15	1	25
L1100N 3475E	1	16	24	53	.4	9	5	178	3.23	4	5	ND	8	4	.2	2	2	36	.02	.033	27	11	.30	42	.05	2	1.19	.01	.08	1	12
L1100N 3500E	1	11	20	41	.7	5	3	317	3.15	2	5	ND	4	4	.2	2	2	39	.02	.030	9	9	.15	52	.11	2	2.40	.01	.05	1	2
L1000N 2550E	1	9	19	44	.3	6	5	713	2.54	2	5	ND	3	5	.2	2	2	36	.02	.030	13	9	.13	56	.10	2	2.09	.01	.07	1	1
L1000N 2575E	1	30	62	98	.3	21	14	1434	4.40	24	5	ND	5	9	.2	2	2	35	.03	.070	26	17	.46	60	.07	2	1.85	.01	.06	1	28
L1000N 2600E	1	22	30	71	.6	14	6	541	3.49	12	5	ND	8	7	.2	2	2	38	.03	.070	15	14	.29	64	.12	2	2.77	.01	.07	2	28
L1000N 2625E	1	50	71	134	.6	31	19	1848	4.53	20	5	ND	9	9	.2	2	2	28	.04	.062	29	15	.41	75	.05	2	2.30	.01	.07	1	50
L1000N 2650E	2	44	74	124	.5	30	17	628	4.96	18	5	ND	11	13	.2	2	2	28	.06	.055	32	16	.50	69	.04	2	1.95	.01	.07	1	32
L1000N 2675E	1	18	30	78	.2	14	11	3196	3.05	7	5	ND	10	8	.2	2	2	19	.05	.076	36	11	.41	134	.03	2	1.30	.01	.17	1	19
L1000N 2700E	2	28	112	119	.3	17	12	2167	3.70	13	5	ND	3	18	1.0	2	2	29	.19	.063	20	12	.28	125	.10	2	1.62	.01	.08	1	17
L1000N 2725E	1	18	57	64	.8	8	3	157	1.77	4	8	ND	4	7	.3	2	2	21	.04	.055	18	8	.17	52	.12	2	1.72	.02	.07	1	5
L1000N 2750E	1	4	22	20	.3	5	1	51	1.69	2	5	ND	2	6	.2	2	2	30	.03	.030	7	8	.06	38	.12	2	1.24	.01	.03	2	1
L1000N 2775E	1	17	40	51	.7	8	3	142	3.24	9	5	ND	4	7	.2	3	2	44	.03	.032	8	12	.16	48	.16	2	2.76	.01	.04	2	4
L1000N 2800E	1	32	142	97	.7	15	20	1081	3.45	6	5	ND	4	7	.2	2	3	34	.04	.061	18	15	.32	73	.08	2	2.56	.01	.08	1	20
L1000N 2825E	1	28	61	78	.2	10	8	1073	2.37	4	5	ND	2	7	.2	2	2	29	.05	.042	20	11	.20	99	.06	2	1.34	.01	.07	1	17
L1000N 2850E	1	13	72	46	.6	6	2	138	3.76	9	5	ND	7	6	.2	2	2	43	.02	.096	11	12	.13	40	.13	2	2.30	.01	.05	1	13
L1000N 2875E	1	16	78	61	.3	9	7	1205	2.69	8	5	ND	4	10	.2	2	2	28	.03	.048	26	9	.17	94	.05	2	1.01	.01	.07	1	10
L1000N 2900E	2	14	68	60	.2	10	10	1326	3.08	5	5	ND	10	8	.2	2	2	14	.06	.054	36	8	.37	86	.05	2	.89	.01	.17	1	7
L1000N 2925E	1	17	27	66	.1	15	9	471	2.62	10	5	ND	21	7	.2	2	2	11	.06	.037	60	9	.34	52	.04	2	1.00	.01	.21	1	4
L1000N 2950E	1	8	24	34	.2	7	4	255	2.04	2	5	ND	8	8	.2	2	2	14	.04	.026	26	8	.32	51	.06	2	.84	.01	.21	1	2
L1000N 2975E	1	21	52	82	.3	13	10	892	3.85	7	5	ND	4	7	.2	2	4	45	.03	.052	17	15	.29	60	.12	2	1.49	.01	.11	1	5
L1000N 3000E	1	26	59	141	.3	17	19	4407	3.97	6	5	ND	3	13	.2	2	2	39	.08	.068	18	15	.31	157	.10	2	1.87	.01	.13	1	8
L1000N 3025E	1	49	47	51	.1	9	3	250	1.77	6	5	ND	2	15	.2	2	2	21	.09	.045	16	10	.10	171	.06	2	.89	.01	.06	1	9
L1000N 3050E	1	20	63	44	.5	9	5	327	3.36	4	5	ND	6	7	.2	2	2	15	.04	.063	32	8	.19	55	.04	2	.88	.01	.18	2	14
L1000N 3075E	1	70	113	138	.3	19	12	464	3.59	10	5	ND	7	8	.2	4	3	45	.04	.108	19	14	.49	48	.08	2	2.56	.01	.09	1	33
L1000N 3100E	1	37	77	59	1.2	9	5	199	4.07	9	5	ND	4	7	.2	2	2	65	.05	.076	8	12	.27	36	.15	2	3.41	.01	.05	1	30
STANDARD C/AU-S	18	59	35	131	7.0	72	32	1052	3.94	38	19	7	40	56	19.0	15	20	58	.46	.091	39	59	.89	183	.07	31	1.89	.06	.14	13	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1000N 3125E	1	15	53	27	.2	7	3	63	1.76	2	5	ND	1	7	.2	2	2	42	.04	.020	5	5	.08	35	.15	3	.97	.02	.03	1	6
L1000N 3150E	1	7	42	28	.2	4	2	39	.82	2	5	ND	1	5	.2	2	2	24	.04	.016	6	4	.05	28	.12	2	.52	.01	.03	1	1
L1000N 3175E	2	15	47	34	.1	5	5	69	2.29	2	5	ND	2	5	.2	2	2	47	.02	.027	18	4	.04	21	.05	2	.55	.01	.02	1	33
L1000N 3200E	1	6	23	17	.1	4	2	35	1.12	2	5	ND	2	5	.2	2	3	25	.02	.018	8	4	.04	30	.13	3	.65	.01	.03	1	2
L1000N 3225E	2	16	31	44	.3	11	7	167	3.12	3	5	ND	12	5	.2	3	2	34	.03	.037	22	10	.28	51	.07	2	1.09	.01	.09	1	8
L1000N 3250E	1	8	57	46	.1	8	5	200	2.07	2	5	ND	10	4	.2	2	2	26	.03	.032	31	7	.23	48	.04	2	.83	.01	.11	1	9
L1000N 3275E	2	13	27	64	.2	10	6	232	3.25	10	5	ND	6	6	.2	2	2	43	.02	.107	9	12	.43	57	.13	2	1.94	.01	.06	1	1
L1000N 3300E	1	22	37	49	.3	17	9	451	3.40	2	5	ND	10	4	.2	2	2	42	.02	.067	15	12	.55	60	.06	2	1.70	.01	.09	1	2
L1000N 3325E	1	11	26	38	.4	7	4	174	2.00	2	5	ND	4	5	.2	2	2	21	.02	.042	11	7	.12	80	.06	2	1.42	.01	.05	1	1
L1000N 3350E	1	10	30	40	.3	7	4	223	2.19	2	5	ND	4	4	.2	2	2	53	.03	.021	13	6	.19	52	.13	2	1.14	.01	.05	1	4
L1000N 3375E	1	11	23	36	.3	8	4	386	1.82	3	5	ND	3	8	.2	2	2	35	.06	.027	15	6	.17	67	.08	4	.77	.01	.09	1	1
L1000N 3400E	2	8	28	25	.3	5	3	107	3.48	14	5	ND	4	4	.2	3	2	50	.01	.074	6	8	.10	29	.18	2	1.46	.01	.05	1	2
L1000N 3425E	1	10	15	18	.5	3	2	74	1.90	2	5	ND	6	4	.2	3	3	28	.01	.030	8	7	.06	37	.10	2	3.01	.01	.03	1	4
L1000N 3450E	1	3	7	22	.1	3	1	46	1.30	2	5	ND	4	7	.2	2	2	35	.02	.017	18	5	.09	41	.07	2	.77	.01	.03	1	10
L1000N 3475E	2	9	19	27	.2	6	3	98	2.41	2	5	ND	2	4	.2	2	3	50	.02	.018	11	8	.13	56	.12	2	1.41	.01	.03	1	9
L1000N 3500E	1	14	26	50	.1	9	6	179	2.89	4	5	ND	5	5	.2	2	2	42	.02	.032	8	11	.16	43	.15	2	2.24	.01	.05	1	2
STANDARD C/AU-S	20	60	36	133	7.1	72	32	1052	3.96	42	20	7	39	53	20.0	15	18	59	.46	.098	39	60	.89	190	.08	34	1.89	.06	.13	13	53

ACME AN[ALYTI]CAL LABORATORIES LTD. 852 E. HASTINGS ST. VA[NCOU]VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(60[4]253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT ~~LAPOINTE~~ DAVID File # 90-4866 Page 1
901 Industrial Road #2, Cranbrook BC V1C 4C9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L2000N 500W	1	8	15	28	.3	5	1	147	1.88	2	5	ND	4	5	.4	2	2	25	.09	.026	25	8	.13	39	.06	2	.84	.01	.04	2	30
L2000N 475W	1	11	22	24	1.0	4	2	47	2.58	5	5	ND	7	4	.7	2	2	25	.02	.028	12	13	.12	30	.06	2	3.18	.01	.03	1	6
L2000N 450W	1	11	22	25	1.0	4	2	41	2.21	4	5	ND	6	4	.7	2	2	21	.02	.026	13	11	.11	30	.06	2	2.99	.01	.04	1	97
L2000N 425W	1	5	7	19	.3	3	1	21	.80	2	5	ND	2	4	.2	2	2	14	.02	.014	23	6	.06	19	.02	2	.77	.01	.03	2	15
L2000N 400W	1	3	13	15	.6	1	1	22	.40	2	5	ND	2	4	.2	2	2	14	.02	.011	18	4	.04	21	.05	2	.69	.01	.03	2	10
L2000N 375W	1	4	9	11	.4	1	1	18	.33	2	5	ND	1	5	.2	3	2	12	.02	.012	18	4	.03	19	.03	2	.63	.01	.03	2	11
L2000N 350W	1	8	10	21	.3	4	1	42	2.56	2	5	ND	3	4	.6	2	2	39	.02	.033	5	9	.06	23	.14	2	3.45	.02	.03	1	5
L2000N 325W	1	9	10	26	.3	4	1	77	1.71	2	5	ND	3	6	.4	2	2	27	.06	.022	12	8	.10	34	.07	2	1.08	.01	.03	2	1
L2000N 300W	1	7	10	23	.3	3	1	38	1.64	2	5	ND	3	5	.2	2	2	24	.03	.022	8	7	.08	28	.09	2	1.94	.01	.03	1	1
L2000N 275W	1	6	9	22	.1	5	2	48	1.21	2	5	ND	2	3	.2	2	2	35	.01	.015	17	7	.05	17	.07	2	.62	.01	.03	3	4
L2000N 250W	1	12	13	43	.1	9	4	702	3.09	5	5	ND	4	5	.8	2	2	43	.03	.043	14	14	.14	43	.11	2	2.10	.01	.06	1	2
L2000N 225W	1	14	15	61	.1	11	5	172	3.23	2	5	ND	6	6	.5	2	2	37	.05	.052	12	14	.29	53	.10	2	2.95	.01	.06	1	8
L2000N 200W	2	20	78	77	.7	13	7	402	3.91	3	5	ND	7	8	1.0	2	2	40	.05	.047	14	16	.30	71	.11	2	2.88	.01	.06	1	14
L2000N 175W	2	21	72	146	.2	18	11	828	3.84	10	5	ND	7	6	1.0	2	2	41	.03	.052	15	18	.25	82	.09	2	2.84	.01	.07	1	8
L2000N 150W	2	12	46	66	.3	10	5	160	3.11	5	5	ND	7	5	.6	2	2	32	.02	.032	28	12	.28	49	.05	2	1.44	.01	.06	1	7
L2000N 125W	1	16	59	95	.2	14	8	467	3.33	2	5	ND	8	5	.9	2	2	38	.02	.034	21	14	.35	74	.10	2	2.22	.01	.07	1	7
L2000N 100W	1	11	31	76	.2	10	5	240	3.75	2	5	ND	5	6	.8	2	2	53	.03	.032	11	13	.23	59	.15	2	2.31	.01	.06	1	3
L2000N 75W	1	18	19	58	1.0	10	4	125	3.30	3	5	ND	5	5	1.1	2	2	52	.04	.031	7	11	.22	45	.14	2	2.43	.01	.05	1	6
L2000N 50W	1	16	17	62	.4	9	5	241	3.45	2	5	ND	4	5	.8	2	2	65	.05	.031	9	10	.24	40	.14	2	1.82	.01	.05	1	4
L2000N 25W	1	30	19	77	.6	10	8	887	3.17	4	5	ND	3	6	.4	2	2	69	.06	.026	10	9	.17	61	.11	2	1.91	.01	.04	1	10
L1900N 500W	1	6	12	17	.2	3	1	124	.65	4	5	ND	1	3	.2	2	2	18	.02	.014	25	5	.05	21	.03	2	.65	.01	.03	2	7
L1900N 475W	1	17	19	45	.5	6	2	55	1.83	4	5	ND	5	3	.2	2	2	18	.02	.030	21	8	.16	23	.04	2	1.52	.01	.04	2	31
L1900N 450W	1	5	10	16	.7	2	1	24	.48	2	5	ND	2	6	.2	2	2	13	.02	.013	21	4	.04	21	.04	2	.62	.01	.03	2	4
L1900N 425W	1	8	16	20	.8	3	1	29	1.77	2	5	ND	4	4	.2	2	2	29	.02	.020	12	9	.09	33	.08	2	2.39	.02	.03	1	12
L1900N 400W	1	11	13	32	.4	5	2	56	2.44	8	5	ND	5	4	.7	2	2	27	.02	.029	11	11	.13	25	.08	2	3.78	.01	.04	1	8
L1900N 375W	1	9	15	31	.7	4	2	43	2.67	3	5	ND	4	4	.4	2	2	34	.02	.026	11	9	.10	22	.09	2	2.50	.01	.03	1	16
L1900N 350W	1	15	19	49	.2	8	3	69	3.26	4	5	ND	7	3	.7	2	2	26	.02	.030	25	11	.26	34	.03	2	1.71	.01	.05	1	13
L1900N 325W	1	5	12	29	.1	3	1	46	.81	3	5	ND	2	5	.2	2	2	18	.04	.014	22	7	.08	21	.04	2	.76	.01	.03	3	2
L1900N 300W	1	15	12	47	.1	9	4	222	2.55	7	5	ND	5	5	.7	3	2	34	.03	.048	5	12	.16	41	.14	2	4.55	.02	.04	1	1
L1900N 275W	1	15	18	76	.1	13	5	447	3.06	7	5	ND	5	6	.6	2	2	40	.04	.049	8	15	.31	44	.13	2	3.35	.01	.06	1	6
L1900N 250W	1	15	39	61	.1	14	15	1036	4.75	16	5	ND	8	7	1.3	6	2	39	.04	.114	32	16	.82	82	.08	2	1.75	.01	.14	1	29
L1900N 225W	1	14	22	83	.1	17	10	336	4.36	7	5	ND	11	5	1.0	6	2	43	.02	.048	26	16	.74	72	.08	2	2.22	.01	.09	1	11
L1900N 200W	1	15	21	80	.1	13	7	444	3.22	7	5	ND	7	4	.6	2	2	30	.02	.033	28	12	.35	66	.05	2	1.56	.01	.06	1	12
L1900N 175W	1	14	27	85	.1	13	7	664	3.06	6	5	ND	7	5	.7	2	3	26	.05	.038	26	13	.28	57	.03	2	1.63	.01	.06	1	13
L1900N 150W	1	9	17	47	.1	8	3	137	2.37	5	5	ND	5	4	.5	2	2	37	.02	.028	23	12	.19	36	.07	2	1.06	.01	.05	3	8
L1900N 125W	1	20	11	61	.5	11	6	360	1.77	5	5	ND	3	11	.5	2	2	26	.07	.055	7	8	.10	61	.13	2	4.11	.03	.03	1	9
STANDARD C/AU-S	18	58	38	131	6.8	68	31	1049	3.94	37	18	7	37	52	18.4	14	21	57	.45	.095	36	56	.91	179	.08	34	1.92	.06	.14	11	48

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 27 1990 DATE REPORT MAILED: Oct 3/90. SIGNED BY [signature] D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1900N 100W	2	18	20	39	.6	7	4	203	2.07	3	5	ND	2	7	.5	2	2	33	.09	.056	4	6	.09	35	.13	3	5.46	.02	.02	3	2
L1900N 75W	1	23	30	74	1.0	9	6	214	3.34	4	5	ND	2	13	.7	2	2	75	.15	.040	9	10	.29	93	.15	2	2.15	.02	.06	1	2
L1900N 50W	2	16	32	67	.7	5	4	125	3.58	2	5	ND	3	5	.9	2	3	52	.05	.052	9	10	.15	55	.14	2	2.92	.01	.04	7	3
L1900N 25W	1	28	42	68	.4	9	5	313	2.68	2	5	ND	5	7	.5	2	2	41	.08	.034	23	10	.33	60	.05	2	1.36	.01	.05	1	3
L1900N 00W	1	93	109	159	.7	20	15	443	3.97	3	5	ND	5	8	.4	2	4	77	.11	.044	20	14	.72	81	.07	2	2.68	.01	.06	1	71
L1800N 500W	1	15	38	41	.8	6	3	80	2.31	4	5	ND	5	4	.5	2	3	28	.03	.027	18	9	.17	32	.05	3	2.70	.01	.03	2	15
L1800N 475W	1	10	27	31	.5	4	2	52	2.09	2	5	ND	5	3	.2	2	2	26	.02	.025	17	9	.13	26	.06	4	2.47	.01	.03	1	1
L1800N 450W	1	8	9	21	.6	2	1	34	1.02	2	5	ND	2	4	.3	2	3	18	.01	.022	18	6	.08	27	.04	2	1.79	.01	.02	1	5
L1800N 425W	1	12	24	30	.9	6	3	96	3.15	6	5	ND	5	5	.2	2	3	36	.03	.026	15	12	.18	34	.08	2	2.87	.01	.03	1	15
L1800N 400W	1	6	17	26	.7	1	1	64	1.07	2	5	ND	3	4	.3	2	2	21	.05	.018	20	4	.06	28	.04	5	.73	.01	.02	2	2
L1800N 375W	1	13	16	23	.7	4	2	142	2.08	3	6	ND	3	5	.8	2	3	37	.02	.042	6	7	.07	28	.14	2	4.02	.02	.04	1	1
L1800N 350W	2	10	18	32	.3	4	2	63	2.73	3	6	ND	5	3	.2	2	2	38	.01	.024	19	6	.10	28	.08	3	1.67	.01	.03	4	1
L1800N 325W	2	18	24	53	.5	8	4	163	3.94	12	8	ND	8	5	.6	5	2	41	.03	.062	5	12	.16	35	.15	4	5.68	.02	.04	2	36
L1800N 300W	1	10	22	39	.1	7	3	276	2.58	4	5	ND	6	3	.2	2	2	33	.01	.026	28	9	.19	28	.05	2	1.42	.01	.05	1	23
L1800N 275W	2	29	27	80	.1	18	10	287	3.57	9	5	ND	10	5	.3	2	2	25	.02	.047	28	15	.46	58	.03	2	2.30	.01	.06	1	15
L1800N 250W	2	23	31	121	.4	27	20	405	4.30	7	6	ND	13	5	.2	3	2	36	.02	.052	28	20	1.01	66	.08	2	3.15	.01	.09	1	87
L1800N 225W	1	19	37	94	.4	16	10	545	4.16	10	5	ND	8	5	.2	2	2	43	.04	.054	28	17	.79	74	.07	2	2.30	.01	.10	1	30
L1800N 200W	1	12	26	91	.4	10	7	980	2.73	8	5	ND	4	5	.3	2	2	34	.02	.052	20	14	.30	98	.08	3	2.18	.01	.07	1	44
L1800N 175W	1	11	28	40	.5	5	4	641	1.60	5	5	ND	2	8	.6	2	2	26	.06	.046	16	6	.13	90	.08	3	1.78	.01	.05	2	20
L1800N 150W	1	15	17	39	1.1	4	4	137	1.99	4	8	ND	4	5	.6	2	3	31	.03	.040	9	8	.14	45	.10	2	3.40	.02	.04	3	10
L1800N 125W	1	17	16	38	1.6	4	3	204	2.08	3	7	ND	3	6	.5	2	2	37	.05	.034	9	9	.12	69	.10	5	2.64	.02	.04	1	5
L1800N 100W	1	151	74	93	1.1	14	17	732	3.15	6	5	ND	1	24	1.4	2	2	65	.45	.056	22	15	.42	163	.04	2	2.34	.01	.07	1	13
L1800N 75W	1	176	117	109	2.1	17	20	1148	3.79	7	5	ND	3	17	1.7	2	2	72	.27	.049	27	18	.42	221	.06	2	3.13	.01	.09	1	9
L1800N 50W	1	57	102	89	1.6	11	7	252	3.57	4	6	ND	3	7	1.0	2	4	60	.09	.032	15	11	.23	111	.12	2	2.24	.02	.07	1	8
L1800N 25W	1	51	55	106	.9	13	9	436	3.30	5	5	ND	4	11	.5	2	2	52	.15	.035	21	12	.46	113	.08	2	2.66	.01	.07	1	4
L1800N 00W	1	60	80	106	1.3	11	9	1090	2.78	2	5	ND	2	13	1.3	2	2	51	.24	.050	17	11	.30	139	.07	2	2.26	.01	.07	1	44
L1700N 500W	1	37	29	59	.2	12	5	150	2.83	6	5	ND	12	4	.2	2	3	17	.02	.023	37	11	.30	52	.02	2	1.90	.01	.04	1	59
L1700N 475W	1	4	9	10	.1	1	1	22	.42	2	5	ND	2	4	.3	2	2	12	.02	.011	26	4	.04	16	.02	2	.78	.01	.02	1	3
L1700N 450W	1	16	15	30	.7	5	3	86	2.04	2	7	ND	5	4	.7	3	2	31	.02	.018	16	7	.10	38	.08	2	2.53	.01	.04	2	43
L1700N 425W	1	8	16	13	.6	3	1	48	1.83	3	5	ND	4	4	.2	2	2	36	.01	.012	15	6	.06	46	.07	2	1.60	.01	.02	1	1
L1700N 400W	1	7	14	10	.6	1	1	43	1.72	2	5	ND	3	4	.3	2	2	36	.02	.011	14	6	.06	49	.07	2	1.54	.01	.02	1	5
L1700N 375W	1	9	14	26	.1	4	2	54	1.14	2	5	ND	2	5	.3	2	2	29	.03	.019	26	6	.06	25	.04	2	.98	.01	.03	1	1
L1700N 350W	2	23	42	85	.4	14	8	1260	3.43	6	5	ND	9	5	.2	2	2	26	.03	.046	28	12	.33	75	.04	2	2.36	.01	.07	1	9
L1700N 325W	3	20	43	82	.4	13	8	1310	3.41	8	5	ND	9	5	.2	2	3	25	.03	.043	28	11	.32	76	.04	3	2.19	.01	.07	3	52
L1700N 300W	2	22	40	91	.4	15	9	540	3.57	6	5	ND	7	5	.2	2	4	35	.02	.038	25	15	.39	57	.07	2	2.10	.01	.07	1	48
L1700N 275W	2	23	40	82	.3	12	8	1857	3.11	5	5	ND	6	5	.2	2	2	33	.03	.058	23	13	.32	121	.07	3	1.82	.01	.09	1	21
STANDARD C/AU-S	18	59	38	133	7.1	70	31	1053	3.95	41	18	8	37	53	18.5	16	21	56	.46	.096	37	59	.89	181	.07	37	1.89	.06	.13	13	53

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1700N 250W	3	13	31	53	.1	12	7	948	2.83	5	5	ND	6	5	.3	2	2	34	.04	.035	29	12	.31	91	.06	2	1.32	.01	.07	1	10
L1700N 225W	1	11	29	46	.1	11	3	249	2.40	3	5	ND	5	4	.3	2	2	30	.02	.028	28	12	.17	41	.05	2	1.23	.01	.05	1	1
L1700N 200W	1	17	31	45	.8	8	4	161	3.39	2	5	ND	5	5	.7	2	2	32	.05	.045	11	12	.16	47	.09	2	3.78	.02	.04	1	2
L1700N 175W	1	16	38	42	.6	7	3	169	3.19	2	5	ND	5	5	.4	2	3	31	.04	.046	10	12	.15	42	.08	2	3.77	.01	.04	1	1
L1700N 150W	1	22	44	52	.5	8	5	397	1.64	2	5	ND	1	16	.9	2	2	25	.27	.039	20	8	.25	101	.02	2	1.36	.01	.07	1	31
L1700N 125W	1	57	61	76	.6	10	6	142	3.37	2	6	ND	4	5	.4	2	2	49	.05	.029	15	10	.32	58	.07	2	2.67	.01	.04	1	7
L1700N 100W	1	59	73	77	.7	12	6	138	3.55	2	6	ND	3	5	.2	2	2	52	.04	.031	14	10	.36	55	.07	2	2.54	.01	.04	1	2
L1700N 75W	1	16	24	68	1.0	7	4	947	2.63	2	5	ND	3	10	.3	2	3	55	.16	.033	16	7	.19	63	.08	2	1.28	.01	.06	1	1
L1700N 50W	1	16	26	67	.9	8	4	548	2.82	2	5	ND	3	10	.3	2	2	56	.14	.034	17	8	.19	54	.09	3	1.27	.01	.05	1	1
L1700N 25W	1	57	83	98	.7	15	12	1091	3.40	2	5	ND	3	11	1.5	2	2	50	.17	.038	25	10	.50	93	.05	2	1.89	.01	.05	1	2
L1700N 00W	1	29	114	81	1.4	13	10	457	2.66	2	5	ND	2	13	1.3	2	3	39	.18	.031	17	10	.26	126	.10	2	1.96	.02	.06	1	1
STANDARD C/AU-S	18	61	35	129	6.9	73	32	1053	3.96	37	18	7	38	53	18.6	15	21	55	.46	.095	38	59	.89	181	.07	35	1.89	.07	.13	13	50

AC'IE ANA' 'CAL LABORATORIES LTD. 852 E. HASTINGS ST. V. OUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6' 253-1716

GEOCHEMICAL . LYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-4864 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1600N 2500E	2	11	13	25	.2	5	3	33	2.48	3	5	ND	3	6	.6	2	5	35	.01	.021	7	9	.08	42	.11	2	2.43	.02	.03	3	1
L1600N 2525E	1	6	11	25	.2	4	2	36	2.50	10	5	ND	5	4	.8	3	2	33	.01	.020	11	9	.08	30	.08	3	2.60	.01	.03	1	1
L1600N 2550E	1	6	8	12	.3	3	1	20	.52	2	5	ND	1	4	.5	2	3	17	.01	.011	11	4	.03	28	.05	2	.60	.01	.02	1	1
L1600N 2575E	1	10	12	22	.2	4	2	83	2.04	4	5	ND	3	4	.6	2	2	34	.02	.013	6	7	.07	45	.15	2	1.98	.02	.03	1	1
L1600N 2600E	1	28	25	54	.5	6	6	278	2.67	9	5	ND	11	4	.3	3	2	26	.02	.025	27	10	.32	43	.06	2	1.70	.01	.07	1	1
L1600N 2625E	2	23	16	54	.2	11	6	186	2.72	2	5	ND	10	5	.6	3	3	25	.02	.031	17	11	.24	70	.06	3	3.71	.01	.07	3	1
L1600N 2650E	1	10	22	41	.3	5	3	102	2.52	4	5	ND	5	6	.4	2	3	37	.03	.027	13	10	.13	50	.10	2	2.18	.01	.05	1	2
L1600N 2675E	1	8	21	30	.1	6	3	73	2.13	7	5	ND	4	4	.6	2	3	39	.01	.020	18	10	.09	49	.09	2	1.59	.01	.03	1	11
L1600N 2700E	1	11	18	21	.1	5	2	66	1.57	4	5	ND	6	3	.2	2	2	30	.01	.015	28	6	.07	49	.05	2	.96	.01	.04	1	2
L1600N 2725E	2	14	34	36	.2	9	4	484	1.97	6	5	ND	9	6	.5	2	2	22	.02	.021	35	8	.17	78	.02	3	1.03	.01	.06	1	37
L1600N 2750E	1	19	62	58	.2	10	25	1490	2.41	4	5	ND	5	7	.4	3	3	20	.04	.039	28	8	.22	113	.03	2	1.49	.01	.07	1	12
L1600N 2775E	1	12	33	63	.2	10	7	261	2.53	7	5	ND	6	5	.7	2	3	26	.02	.032	30	9	.27	63	.04	5	1.36	.01	.06	1	18
L1600N 2800E	1	18	21	38	.9	5	7	484	2.23	4	5	ND	4	6	.3	4	2	28	.03	.057	10	8	.12	43	.15	4	4.89	.02	.04	1	6
L1600N 2825E	2	41	76	77	1.9	10	6	173	3.03	5	5	ND	3	10	.7	3	2	29	.09	.033	20	11	.31	105	.06	2	2.59	.01	.06	2	9
L1600N 2850E	1	24	44	80	.4	9	6	291	2.74	6	5	ND	4	6	.7	2	4	35	.04	.022	21	11	.31	97	.07	4	1.94	.01	.07	1	21
L1600N 2875E	1	8	28	35	.3	4	2	74	1.19	2	5	ND	2	7	.5	2	4	32	.06	.016	17	7	.13	60	.11	2	.92	.02	.05	1	5
L1600N 2900E	1	9	29	41	.4	7	3	101	1.68	6	5	ND	3	8	.4	2	3	42	.06	.019	16	8	.16	57	.13	2	1.08	.02	.05	1	8
L1600N 2925E	1	4	42	27	.1	3	1	30	.63	2	5	ND	2	5	.3	2	2	28	.06	.011	20	5	.11	51	.10	2	.85	.01	.04	1	8
L1600N 2950E	1	30	37	49	.3	9	4	90	2.07	5	5	ND	4	4	.7	3	2	28	.03	.030	26	8	.32	46	.02	2	1.62	.01	.05	2	17
L1600N 2975E	1	47	47	73	.3	12	9	148	3.86	10	5	ND	8	4	1.1	6	2	41	.03	.041	23	12	.37	51	.05	2	2.86	.01	.06	1	12
L1600N 3000E	1	44	57	74	.5	13	12	796	2.81	4	5	ND	7	8	.4	4	3	39	.06	.032	22	11	.34	99	.08	3	2.53	.02	.06	1	9
L1500N 2500E	1	19	21	51	.7	7	6	143	2.96	4	5	ND	6	6	.7	4	4	35	.02	.040	11	12	.18	53	.10	5	4.03	.01	.04	2	3
L1500N 2525E	1	9	17	25	.3	5	2	78	1.91	2	5	ND	5	4	.3	4	6	30	.02	.024	13	8	.08	39	.08	3	2.11	.02	.03	2	4
L1500N 2550E	1	8	16	26	.3	3	2	61	1.39	4	5	ND	4	5	.5	4	3	26	.01	.022	19	6	.08	45	.06	3	1.71	.01	.04	1	3
L1500N 2575E	1	12	16	44	.3	9	5	185	2.58	4	5	ND	7	5	.7	3	2	26	.02	.029	22	10	.18	46	.05	3	1.94	.01	.05	1	22
L1500N 2600E	1	15	26	50	.4	9	5	611	2.21	8	5	ND	6	7	1.1	4	2	32	.04	.041	11	9	.14	52	.12	3	3.05	.02	.05	1	1
L1500N 2625E	1	9	25	25	.5	4	4	128	2.87	3	5	ND	4	5	.9	4	7	45	.02	.042	6	8	.08	30	.17	7	2.76	.02	.03	1	1
L1500N 2650E	1	9	38	38	.1	7	4	82	1.79	4	5	ND	3	7	.7	2	2	28	.06	.025	20	8	.15	59	.08	5	1.18	.02	.05	1	5
L1500N 2675E	2	10	32	51	.1	7	6	926	1.66	2	5	ND	1	23	1.3	2	2	25	.16	.021	21	10	.18	156	.11	2	1.24	.02	.06	1	3
L1500N 2700E	1	4	21	31	.1	5	2	65	1.20	2	5	ND	5	4	.4	2	2	22	.02	.011	30	6	.11	54	.04	3	.96	.01	.03	1	1
L1500N 2725E	1	24	103	85	.3	15	31	4413	2.40	7	5	ND	3	18	2.0	4	2	16	.15	.061	30	10	.34	215	.02	7	1.78	.01	.14	1	2
L1500N 2750E	2	21	58	64	.3	10	15	1545	2.29	4	5	ND	4	7	1.0	2	2	26	.05	.037	21	11	.22	119	.05	6	1.44	.01	.07	1	4
L1500N 2775E	1	25	71	107	.2	17	14	1883	2.81	2	5	ND	2	12	1.2	5	3	26	.10	.046	32	12	.34	157	.05	4	2.07	.01	.08	1	20
L1500N 2800E	1	34	144	131	.2	14	13	1200	3.67	7	5	ND	3	10	.6	6	2	53	.11	.036	24	10	.48	161	.08	5	2.20	.01	.08	1	12
L1500N 2825E	1	15	35	36	.4	6	4	114	2.29	7	5	ND	4	6	.6	4	2	31	.04	.022	23	7	.18	56	.06	3	1.33	.01	.04	1	3
L1500N 2850E	1	11	29	33	.5	5	2	68	2.38	3	5	ND	4	4	.4	2	2	31	.02	.021	17	8	.12	54	.06	2	1.76	.01	.03	1	1
STANDARD C/AU-S	18	58	38	131	6.5	69	31	1049	3.94	40	18	6	37	52	18.8	15	20	55	.45	.092	37	57	.88	180	.07	35	1.88	.06	.14	13	47

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 27 1990 DATE REPORT MAILED: Oct 4/90. SIGNED BY. ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1300N 2750E	2	17	69	59	.3	12	16	547	2.97	8	5	ND	4	4	.2	2	2	26	.01	.035	26	9	.25	52	.04	2	1.85	.01	.07	1	2
L1300N 2775E	1	12	32	31	.1	5	3	124	1.78	6	5	ND	4	4	.2	2	2	28	.02	.017	31	8	.13	40	.03	2	1.25	.01	.05	1	1
L1300N 2800E	1	8	24	34	.5	3	2	432	2.10	2	5	ND	1	5	.2	2	2	31	.02	.029	9	7	.09	50	.11	3	2.91	.02	.03	1	1
L1300N 2825E	1	29	27	73	.2	11	6	1081	2.74	4	5	ND	1	11	.2	2	2	45	.09	.027	19	12	.26	157	.07	2	1.98	.01	.07	1	5
L1300N 2850E	1	48	42	85	.5	11	12	3851	2.77	9	5	ND	1	14	.2	2	2	37	.12	.050	17	12	.31	136	.07	2	1.72	.01	.08	1	5
L1300N 2875E	1	21	28	41	.1	7	5	374	1.71	5	5	ND	1	9	.2	2	2	30	.10	.025	24	7	.26	53	.06	4	1.08	.01	.06	1	1
L1300N 2900E	1	3	17	16	.1	2	1	51	.63	2	5	ND	3	4	.2	2	2	16	.05	.015	29	4	.09	15	.02	3	.68	.01	.04	1	1
L1300N 2925E	2	24	35	63	.3	7	6	189	2.41	5	5	ND	4	4	.2	2	2	31	.04	.028	19	8	.26	45	.07	3	2.55	.01	.05	1	43
L1300N 2950E	1	6	23	25	.1	3	2	50	1.28	3	6	ND	2	4	.2	2	2	42	.03	.015	22	7	.12	33	.08	2	1.24	.01	.03	1	49
L1300N 2975E	1	1	10	15	.2	1	1	15	.20	2	11	ND	1	4	.2	2	2	15	.01	.010	13	4	.03	15	.06	2	.54	.02	.02	1	5
L1300N 3000E	1	30	17	50	.6	7	5	180	2.95	6	5	ND	3	5	.2	2	2	55	.05	.027	13	7	.17	35	.13	2	1.92	.02	.04	1	5
STANDARD C	19	57	37	131	6.9	71	31	1049	3.94	39	20	7	40	52	19.2	15	23	55	.45	.091	37	56	.90	180	.07	36	1.91	.06	.13	11	-

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L1500N 2875E	1	14	49	54	1.7	7	5	433	2.96	5	5	ND	3	9	.3	2	2	49	.11	.038	15	10	.20	62	.13	7	1.60	.02	.06	1	12
L1500N 2900E	1	62	82	110	2.2	17	17	2355	3.17	6	5	ND	2	19	1.0	2	2	48	.27	.059	19	16	.43	131	.07	8	3.08	.02	.07	1	21
L1500N 2925E	1	9	24	27	.4	5	2	126	1.49	2	5	ND	2	5	.2	2	2	50	.04	.013	12	7	.07	31	.16	4	.77	.02	.02	1	5
L1500N 2950E	1	7	23	21	.1	4	2	51	1.15	2	5	ND	3	5	.2	2	2	37	.04	.016	28	7	.09	24	.04	4	.96	.01	.03	1	1
L1500N 2975E	1	66	58	89	.4	20	9	312	3.83	2	5	ND	8	7	.2	2	3	43	.05	.046	22	17	.49	63	.08	8	2.74	.01	.08	1	28
L1500N 3000E	1	50	61	112	.7	26	11	604	3.32	9	5	ND	3	10	.4	2	2	41	.08	.053	19	18	.47	86	.07	8	2.67	.01	.08	1	1
L1400N 2500E	1	16	21	54	.4	10	4	253	3.88	10	5	ND	7	6	.2	2	2	47	.02	.047	10	16	.23	43	.16	7	3.13	.01	.06	1	1
L1400N 2525E	1	14	17	52	.3	8	4	358	2.53	2	5	ND	4	6	.2	2	2	36	.03	.051	8	13	.15	48	.14	7	3.93	.01	.05	1	1
L1400N 2550E	1	8	22	32	.2	5	2	167	2.04	2	5	ND	3	5	.2	2	2	39	.03	.026	17	8	.11	44	.12	5	1.39	.01	.05	1	1
L1400N 2575E	1	15	23	46	.4	6	2	240	3.41	3	5	ND	7	5	.2	2	2	39	.03	.047	9	13	.12	43	.14	8	4.10	.01	.04	1	1
L1400N 2600E	1	14	15	19	.4	5	2	92	4.77	12	5	ND	7	4	.2	2	2	51	.02	.067	4	14	.07	22	.19	8	5.37	.02	.03	1	11
L1400N 2625E	1	8	25	26	.4	6	2	77	2.47	2	5	ND	4	4	.2	2	2	26	.01	.026	29	9	.14	27	.05	6	1.29	.01	.03	1	110
L1400N 2650E	1	8	11	18	.1	3	1	73	.86	2	5	ND	3	4	.2	2	2	21	.02	.012	29	5	.06	53	.04	3	.81	.01	.03	1	1
L1400N 2675E	1	15	25	41	.7	9	4	133	2.98	2	5	ND	6	5	.2	2	2	32	.02	.034	22	12	.18	44	.08	6	2.28	.01	.04	1	1
L1400N 2700E	1	8	27	23	.2	4	2	111	1.49	3	5	ND	3	4	.2	2	2	31	.02	.019	17	8	.10	34	.11	4	1.35	.01	.03	1	6
L1400N 2725E	1	14	44	64	.3	11	8	506	2.67	2	5	ND	4	7	.2	2	2	36	.04	.025	24	12	.21	65	.09	5	1.48	.01	.06	1	1
L1400N 2750E	1	21	57	61	.5	12	6	164	2.75	2	5	ND	6	6	.3	2	2	23	.03	.038	29	11	.31	64	.04	5	1.74	.01	.07	1	93
L1400N 2775E	1	16	42	28	.2	5	2	271	1.43	5	5	ND	2	5	.2	2	3	24	.02	.030	27	7	.09	46	.04	4	.87	.01	.04	1	17
L1400N 2800E	1	12	21	36	.2	6	2	115	1.88	2	5	ND	4	9	.2	2	2	34	.07	.022	24	7	.14	62	.08	5	.86	.01	.05	1	13
L1400N 2825E	1	35	45	50	.8	9	6	187	3.10	2	5	ND	4	7	.2	2	2	63	.05	.025	21	10	.36	64	.10	7	2.02	.01	.05	1	90
L1400N 2850E	1	65	43	48	.8	9	6	226	2.00	6	5	ND	1	14	.7	2	2	30	.17	.036	24	9	.28	68	.06	5	1.89	.01	.04	1	1
L1400N 2875E	1	71	97	109	1.1	16	14	2161	3.22	4	5	ND	2	17	.8	2	3	49	.25	.045	20	15	.44	129	.09	7	2.64	.02	.08	1	1
L1400N 2900E	1	13	39	44	.5	6	3	161	1.98	2	5	ND	3	7	.2	2	3	35	.10	.026	22	9	.21	59	.07	5	1.49	.01	.05	1	23
L1400N 2925E	1	27	48	57	.9	9	12	967	2.24	4	5	ND	2	7	.3	2	2	35	.06	.026	22	10	.25	61	.09	6	1.84	.02	.05	1	5
L1400N 2950E	1	14	38	47	.4	6	5	533	2.50	2	5	ND	4	5	.2	2	2	41	.04	.018	19	9	.18	50	.09	6	1.67	.01	.04	1	35
L1400N 2975E	1	30	23	52	.6	4	8	255	4.01	10	5	ND	2	10	.2	2	2	98	.19	.038	10	5	.34	56	.22	7	1.52	.02	.13	1	1
L1400N 3000E	1	16	21	29	.2	5	3	97	2.19	6	5	ND	2	7	.2	2	2	89	.06	.028	15	7	.15	24	.14	6	.90	.01	.04	1	1
L1300N 2500E	1	28	30	73	.5	18	7	412	2.91	10	5	ND	8	7	.2	2	2	35	.04	.033	19	17	.25	79	.08	6	2.76	.01	.06	1	3
L1300N 2525E	1	18	27	56	.3	12	5	191	2.88	3	5	ND	7	5	.2	2	2	34	.02	.035	16	14	.28	55	.10	7	2.92	.01	.05	1	1
L1300N 2550E	1	14	23	43	.2	7	3	148	2.58	9	5	ND	3	7	.2	2	2	44	.04	.051	16	11	.17	45	.13	7	1.45	.01	.04	1	1
L1300N 2575E	1	8	15	15	.1	3	1	50	.83	3	5	ND	3	4	.2	2	2	18	.01	.016	31	5	.08	26	.05	2	.85	.01	.03	1	4
L1300N 2600E	1	9	21	13	.2	3	1	43	.88	5	5	ND	1	5	.3	2	2	28	.02	.020	7	5	.05	25	.14	4	.79	.02	.01	1	6
L1300N 2625E	1	10	21	18	.4	4	1	52	2.70	5	5	ND	2	5	.2	2	2	45	.02	.048	5	9	.06	24	.15	7	2.99	.02	.03	1	1
L1300N 2650E	1	16	20	46	.3	7	3	137	2.71	8	5	ND	4	6	.2	2	2	41	.02	.031	22	12	.19	35	.10	6	1.41	.01	.04	1	1
L1300N 2675E	1	14	28	48	.3	8	3	104	2.47	7	5	ND	2	6	.2	2	2	43	.03	.024	19	11	.18	40	.11	6	1.25	.01	.03	1	1
L1300N 2700E	1	13	20	24	.4	5	2	60	2.18	6	5	ND	5	4	.2	2	2	35	.01	.015	18	9	.11	28	.10	6	1.73	.01	.04	1	6
L1300N 2725E	1	31	121	78	.8	13	10	821	3.81	11	5	ND	5	8	.2	2	2	42	.04	.043	14	15	.27	52	.13	7	2.22	.01	.07	1	7
STANDARD C/AU-S	18	62	40	131	7.1	72	31	1051	3.95	40	19	7	40	51	18.8	16	18	58	.45	.093	39	60	.92	183	.08	38	1.89	.06	.13	13	46

APPENDIX 3

ROCK GEOCHEMISTY: ANALYTICAL RESULTS

ACME ANA[illegible]ICAL LABORATORIES LTD. 852 E. HASTINGS ST. V[illegible]OUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX([illegible] 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT LEW/DAVID File # 90-4964

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: C.KENNEDY

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
D 83551	2	9	4	11	.2	8	2	71	1.70	2	14	ND	5	3	.2	2	2	3	.03	.014	37	5	.02	12	.01	2	.20	.04	.03	1	19	5
D 83552	9	9	5	8	.1	16	7	30	1.58	7	5	ND	1	3	.2	2	2	5	.01	.005	2	77	.24	3	.01	2	.16	.01	.01	1	3	5
D 83553	1	7	9	12	.1	10	4	66	1.20	5	11	ND	1	5	.2	2	2	3	.02	.006	20	12	.36	3	.01	2	.28	.01	.01	1	1	10
D 83554	1	22	114	19	.4	7	39	82	3.78	62	17	ND	1	4	.2	2	2	8	.01	.003	2	5	.44	8	.01	2	.44	.01	.01	1	1	20
D 83555	3	24	12	18	.1	12	7	119	4.53	180	16	ND	2	1	.2	2	3	4	.01	.014	9	5	.09	3	.01	2	.28	.03	.02	1	4	5
D 83556	9	6	15	2	.1	14	7	50	1.13	10	12	ND	1	6	.2	2	2	4	.01	.002	2	75	.01	8	.01	2	.02	.02	.01	1	1	5
D 83557	1	5	5	10	.1	3	2	105	.95	14	17	ND	1	5	.2	2	2	4	.01	.005	2	9	.28	14	.01	2	.21	.01	.02	1	1	5
D 83558	1	72	34381	✓57	134.6 ✓	5	2	95	3.36	154	21	ND	1	4	1.9	11	328	8	.01	.003	2	3	.14	6	.02	2	.28	.02	.01	1	42	5
D 83559	2	3	608	60	2.1	54	119	541	3.88	7	20	ND	1	228	.2	6	6	7	4.74	1.001	2	15	1.52	22	.01	3	.41	.01	.16	1	1	20
D 83560	28	9	41	15	.3	21	9	131	2.80	3	16	ND	4	6	.2	2	8	1	.06	.020	81	57	.03	1	.01	2	.12	.07	.01	1	5	5
D 83561	1	5	15	6	.1	5	8	64	3.12	2	13	ND	1	2	.2	2	2	19	.01	.007	2	7	.28	1	.01	3	.28	.01	.01	1	1	5
D 83562	1	20	383	19	1.4	44	120	67	7.26	20	14	ND	2	2	.2	2	2	62	.01	.005	17	12	.37	33	.02	2	.24	.01	.69	1	2	10
D 83563	1	6	14	17	.1	8	6	142	2.63	7	10	ND	1	5	.2	3	2	8	.19	.112	8	4	3.68	9	.01	2	2.93	.01	.05	1	1	5
D 83564	10	11	79	6	.3	17	6	109	2.75	56	17	ND	3	3	.2	2	11	9	.01	.035	65	77	.24	6	.01	2	.29	.01	.04	1	11	5
D 83565	1	6	11	11	.1	7	13	137	2.39	17	19	ND	1	5	.2	2	2	11	.01	.040	2	3	.05	4	.01	2	.05	.01	.01	1	1	5
D 83566	1	72	10	14	.1	20	15	137	26.55	9	23	ND	1	61	1.1	5	5	377	.38	.003	2	6	.01	2	.07	4	.27	.01	.01	1	2	40
D 83567	17	7	27	11	.1	17	2	200	1.41	3	19	ND	1	10	.2	2	2	5	.12	.004	2	70	.01	146	.01	2	.01	.02	.01	1	21	5
D 83568	55	9	855	46	2.7	10	5	257	1.87	2	15	ND	4	7	1.8	2	7	5	.07	.019	59	7	.18	200	.01	2	.38	.05	.01	1	32	10
D 83569	1	5	608	103	1.6	19	29	458	2.37	31	12	ND	1	18	.2	3	2	18	.13	.007	3	9	1.00	9	.01	2	.53	.02	.05	1	1	5
D 83570	5	5	2	37	.1	12	3	847	2.10	2	8	ND	3	148	.2	2	2	1	2.61	.015	9	47	.63	20	.01	2	.14	.03	.06	1	1	20
D 83571	3	5	2	12	.1	10	2	42	.93	2	11	ND	1	10	.2	2	2	15	.02	.002	2	14	.41	435	.01	4	.29	.01	.18	1	1	5
STANDARD C/AU-R	19	60	40	131	7.1	73	31	1055	3.97	40	22	6	37	52	18.6	15	20	56	.46	.098	37	61	.90	182	.07	33	1.90	.06	.13	13	530	1300

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: OCT 2 1990 **DATE REPORT MAILED:** Oct 5/90. **SIGNED BY** [signature] .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED (In Progress)

ACME ANA CAL LABORATORIES LTD. 852 E. HASTINGS ST. V UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited File # 90-3855

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: L. ENGLISH

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Hg ppb
B 52246	1	1579	4	47	.1	53	42	1373	10.48	2	8	ND	1	10	.3	2	8	272	.76	.049	3	11	2.07	26	.01	2	2.56	.04	.02	1	6	20
B 52247	1	1169	11	23	.1	33	120	534	6.20	10	5	ND	2	9	.4	2	2	92	.60	.032	7	24	1.68	11	.07	2	1.77	.05	.01	1	6	20
B 52248	2	42	12	35	.1	41	41	261	10.73	25	5	ND	3	6	1.1	2	8	222	.33	.047	2	17	2.79	5	.01	2	2.52	.03	.01	1	11	20
B 52249	4	13	2	3	.2	17	15	41	4.01	24	5	ND	4	2	.2	4	2	12	.01	.005	5	14	.19	3	.01	2	.21	.04	.01	1	9	10
B 52250	1	15	5	12	.2	19	13	100	2.75	6	5	ND	12	2	.8	3	2	33	.03	.014	7	34	1.04	15	.01	2	1.03	.05	.01	1	5	10
B 52251	1	32	125	9	.3	6	11	51	2.48	20	5	ND	6	1	.3	20	5	4	.01	.011	10	5	.02	1	.01	2	.17	.06	.01	1	4	230
B 52252	4	1	6	61	.1	21	8	464	3.36	2	5	ND	7	8	.9	2	2	4	.17	.008	17	36	.40	7	.01	2	.23	.04	.02	1	11	10
B 52253	2	3	5	4	.1	12	12	93	1.85	18	5	ND	7	3	.2	2	3	2	.04	.011	8	11	.07	7	.01	2	.16	.06	.02	1	1	5
B 52937	2	11	5	2	.1	9	5	42	1.55	2	5	ND	4	2	.4	2	2	3	.01	.005	14	10	.19	11	.01	2	.32	.03	.04	1	5	5
B 52938	1	541	41	14	.7	7	24	286	1.60	9	5	ND	1	98	1.7	4	2	74	2.47	.047	2	7	.11	12	.26	3	1.17	.01	.01	1	2	5
B 52939	6	1369	1200	121	9.0	51	60	63	4.76	800	5	ND	1	4	.2	7	16	8	.01	.002	2	62	.03	10	.01	2	.18	.01	.03	1	36	5
B 52940	4	8	8	10	.1	16	9	85	1.99	4	5	ND	2	2	.4	2	2	6	.01	.005	5	12	.20	8	.01	3	.22	.03	.11	1	21	5
B 52941	8	7	64	11	.8	14	7	152	3.52	2	5	ND	8	5	.4	2	7	5	.01	.004	9	9	.03	81	.01	2	.15	.02	.07	1	94	5
B 52942	3	9	384	43	.5	10	5	278	1.16	4	5	ND	1	15	1.4	2	2	1	.34	.003	2	7	.18	180	.01	4	.05	.02	.02	1	11	5
B 52943	10	9	64	19	.3	15	8	104	2.81	5	5	ND	9	6	.2	2	7	2	.01	.008	13	36	.01	223	.01	2	.13	.04	.04	1	35	5
B 52944	2	42	9702	48	61.8 ✓	24	16	113	2.63	17	5	ND	6	8	2.5	2	179	8	.07	.012	7	10	.63	39	.02	2	.57	.02	.43	2	307	5
B 52945	6	13	2650	289	32.2 ✓	8	2	55	1.12	4	5	ND	3	17	5.9	2	125	2	.01	.004	8	9	.01	1008	.01	2	.07	.01	.04	1	156	70
B 52946	7	7	87	21	.1	7	1	33	1.67	2	5	ND	6	3	.2	2	5	2	.01	.006	6	6	.01	109	.01	2	.08	.03	.06	2	102	5
B 52947	5	20	85	16	.4	8	4	49	3.42	2	5	6	7	12	.3	2	2	4	.01	.019	13	41	.01	663	.01	3	.16	.03	.12	1	5822	5
B 52948	23	14	33945 ✓	6	224.5 ✓	8	3	32	1.92	113	5	4	10	9	2.1	5	525	5	.01	.026	22	9	.01	119	.01	4	.18	.02	.25	1	4361	5
B 52949	12	4	403	1	1.7	5	3	28	1.55	99	5	ND	8	7	.4	2	13	2	.01	.006	18	7	.01	40	.01	2	.10	.08	.11	1	207	5
B 52950	2	771	38	3	.7	10	8	199	3.23	5	5	ND	1	150	1.1	4	12	79	2.84	.049	4	12	.02	11	.32	4	.61	.01	.01	1	7	5
D 83501	9	14	26	1	.2	13	11	40	3.86	79	5	ND	8	49	.2	3	12	4	.14	.110	6	34	.02	63	.01	2	.17	.10	.06	1	41	5
STANDARD C/AU-R	19	57	40	132	7.0	73	32	1051	3.96	40	19	7	36	53	18.4	14	22	55	.52	.097	37	60	.89	179	.07	35	1.89	.06	.14	11	487	1400

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 26 1990 **DATE REPORT MAILED:** Aug 31/90. **SIGNED BY** ......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ **ASSAY RECOMMENDED** (In progress).

ACME ANAL[YTI]CAL LABORATORIES LTD. 852 E. HASTINGS ST. VA[NCO]UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(60[4]253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT LEW/DAIVD File # 90-4009 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
B 52258	1	41	1029	439	1.5	16	7	647	2.19	10	5	ND	7	32	1.5	2	2	1	1.17	.012	31	8	.10	315	.01	2	.17	.06	.05	1	30
B 52259	30	79	1358	131	4.5	18	8	126	3.84	17	5	ND	10	15	.4	4	8	79	.04	.015	11	27	1.08	54	.01	2	.66	.02	.66	1	37
B 52260	1	9	7	11	.1	7	2	64	2.56	11	5	ND	6	1	.2	2	2	1	.01	.012	19	4	.01	14	.01	2	.21	.09	.01	1	7
B 52261	9	127	95	277	.5	103	53	757	26.60	27	6	ND	17	4	2.7	17	2	27	.01	.047	85	16	.14	61	.01	2	.53	.01	.09	1	117
B 52262	2	8	4	6	.2	15	4	76	2.63	2	5	ND	6	2	.2	2	2	1	.01	.019	19	7	.02	15	.01	2	.29	.04	.05	1	188
B 52263	1	5	14	15	.1	77	50	82	7.96	6	5	ND	1	1	.2	2	2	16	.01	.021	2	13	3.59	13	.01	2	2.42	.01	.02	1	8
B 52264	10	22	99	48	.1	22	3	81	2.07	4	5	ND	4	3	.2	2	2	1	.01	.015	17	11	.01	22	.01	2	.34	.02	.06	1	125
D 83502	1	43	274	46	.2	11	7	66	3.17	7	5	ND	3	11	.2	2	2	7	.01	.021	8	1	.02	16	.01	2	.56	.04	.01	1	25
D 83503	3	9	24	4	.1	13	5	29	1.32	8	5	ND	2	1	.4	2	2	7	.01	.005	4	8	.01	6	.01	3	.08	.01	.04	1	14
D 83504	1	13	186	21	.1	6	20	70	2.07	10	5	ND	1	2	.2	2	2	5	.01	.008	2	1	.01	7	.01	2	.09	.01	.02	1	8
D 83505	1	4	2	1	.1	16	82	30	2.85	10	5	ND	3	2	.2	2	2	1	.01	.007	3	13	.69	6	.01	3	.64	.01	.06	1	2
D 83506	1	7	8	1	.1	3	21	32	1.76	8	5	ND	1	1	.2	2	3	1	.01	.001	2	1	.01	3	.01	3	.01	.01	.01	1	10
D 83507	3	7	6	3	.2	14	39	27	2.28	12	5	ND	1	1	.2	2	2	1	.01	.002	2	10	.01	10	.01	2	.03	.01	.02	1	16
D 83508	1	6	2474	1	3.7	9	62	37	1.82	4	5	ND	1	1	.2	2	10	1	.01	.001	2	7	.01	3	.01	2	.01	.01	.01	1	19
STANDARD C/AU-R	18	60	39	133	7.2	72	31	1055	3.97	40	20	7	39	52	18.7	15	20	56	.52	.100	38	61	.89	187	.08	35	1.88	.06	.13	13	470

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 ROCK/P2 SILT P3 PAN CONC. P4 HEAVIES AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 30 1990 **DATE REPORT MAILED:** Sept 11/90. **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
D 83510	1	17	21	34	.2	23	21	421	2.21	7	8	ND	1	40	.2	2	2	12	.43	.057	24	11	.37	125	.02	2	1.63	.01	.04	1	1
D 83511	1	23	28	118	.3	32	16	664	3.70	9	5	ND	5	22	.2	2	2	10	.26	.036	19	11	.47	59	.01	2	1.40	.01	.07	1	1
D 83512	1	24	35	70	.2	20	19	418	2.71	5	5	ND	1	13	.2	2	2	24	.32	.042	15	7	.44	64	.03	2	1.62	.01	.04	1	37

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	H.M. %	H.M. gm
B 52234	1	101	57	62	.6	70	139	661	20.00	39	5	2	11	18	.4	2	2	135	.49	.026	31	35	.40	44	.25	2	.84	.03	.05	1	12063	.32	6.9
B 52238	1	63	30	58	4.1	50	66	435	24.97	30	5	93	12	11	.3	2	5	106	.23	.019	43	38	.33	41	.16	2	.63	.02	.04	5	23598	.20	8.8
B 52243	1	58	33	42	.3	88	168	380	28.43	57	5	2	33	11	.4	2	2	55	.18	.058	40	55	.32	40	.09	2	.58	.02	.06	2	2664	.06	4.5
B 52256	3	139	107	84	1.1	87	176	430	31.31	87	5	14	11	16	.4	3	2	249	.24	.039	25	26	.40	24	.18	2	.84	.01	.04	1	16623	.23	7.3

*Au** by fire assay from total samples.*

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	H.M. %	H.M. gm
B 52235	1	95	72	77	.1	61	115	614	14.75	34	5	ND	10	15	.2	2	4	115	.48	.028	27	40	.60	44	.20	2	1.16	.03	.05	2	3740	1.52	50.2
B 52236	1	100	48	66	.2	71	138	543	17.19	40	5	2	10	14	.5	5	2	108	.44	.029	28	41	.54	43	.19	2	1.04	.03	.05	1	31182	1.34	34.8
B 52237	1	54	38	59	.4	48	68	448	20.00	28	5	5	13	12	.2	2	5	91	.29	.024	40	37	.47	37	.16	4	.87	.02	.05	3	8828	.61	16.6
B 52239	1	50	24	67	.4	47	61	584	21.99	24	5	3	16	19	.4	2	2	92	.34	.034	75	41	.57	55	.21	2	1.10	.03	.09	2	2465	.36	8.8
B 52240	2	77	46	80	.2	66	122	606	23.69	58	5	ND	26	20	.2	5	2	88	.32	.050	52	42	.56	77	.16	5	1.09	.02	.10	2	283	.30	9.9
B 52241	2	62	33	81	.1	52	73	603	16.99	40	5	ND	33	21	.3	2	2	65	.38	.099	61	41	.73	66	.13	2	1.36	.03	.14	1	9017	.12	3.5
B 52242	2	56	22	45	.3	76	153	389	24.21	67	5	ND	33	12	.5	2	3	45	.18	.074	38	47	.40	51	.06	3	.74	.02	.10	3	1856	.35	10.1
B 52244	1	98	50	65	.1	67	114	519	12.59	32	5	ND	10	11	.2	2	2	80	.41	.032	14	42	.58	39	.15	2	1.15	.03	.04	1	847	1.56	48.4
B 52245	1	88	48	74	.1	59	89	532	11.90	29	5	ND	12	16	.2	2	2	92	.57	.030	25	45	.65	39	.21	2	1.30	.04	.05	1	220	1.33	35.9
B 52254	4	119	95	145	.5	57	86	693	17.99	61	5	ND	14	27	.9	2	2	182	.49	.046	36	26	.94	40	.24	2	1.75	.03	.06	1	100	.33	11.6
B 52255	3	134	93	121	.5	72	130	553	21.92	73	6	ND	13	19	1.0	4	11	180	.31	.045	25	29	.76	30	.18	4	1.42	.02	.04	1	124	.61	19.5
B 52257	7	180	125	212	.5	119	158	961	35.45	199	5	ND	25	12	.4	3	2	56	.08	.107	22	34	.27	85	.05	2	1.02	.01	.06	1	273	.53	8.7
B 52265	1	92	60	98	.1	33	53	978	8.19	25	5	ND	7	21	.7	2	2	123	.77	.031	27	27	.70	56	.23	2	1.58	.06	.06	1	85	1.60	35.9
B 52266	1	99	46	78	.1	26	38	663	6.29	9	5	ND	3	16	.6	2	2	117	.75	.021	9	18	.69	47	.23	2	1.45	.06	.06	1	107	4.15	101.6
D 83509	5	177	112	162	.3	144	207	875	37.44	226	5	3	21	11	.2	2	3	44	.07	.103	25	38	.19	65	.03	2	.83	.01	.05	1	7904	.39	8.6
STANDARD C/AU-R	19	58	41	131	6.9	70	31	1050	3.93	40	21	7	39	52	19.0	15	21	56	.50	.092	39	60	.87	183	.07	32	1.88	.06	.14	13	468	-	-

*Au** by fire assay from total samples.*

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited File # 90-3797 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
B 52230	1	3	2	2	.1	10	14	416	1.40	7	5	ND	3	37	.6	3	2	6	8.43	.028	6	9	2.84	1868	.01	6	.65	.01	.07	1	5	230
B 52231	1	2	16	7	.1	10	3	505	1.19	3	5	ND	3	19	.5	2	3	5	10.00	.028	7	7	1.33	292	.01	6	.77	.01	.08	1	4	110
B 52232	1	193	2	91	.1	41	14	502	10.00	2	5	ND	7	8	1.2	2	7	98	.13	.041	36	37	3.66	41	.01	5	4.65	.03	.09	1	2	20
B 52233	1	30	10	19	.1	11	8	85	1.34	7	5	ND	1	1	.4	3	2	2	.02	.002	2	3	.01	3	.01	4	.04	.01	.01	1	1	5
B 52839	2	353	479	72	2.0	19	26	122	11.46	4	5	ND	1	4	1.2	2	13	25	.11	.097	5	3	.09	229	.01	6	.73	.01	.23	1	2620	5
B 52840	1	5	213	34	1.1	6	5	159	2.88	6	5	ND	1	4	.6	2	6	4	1.86	.014	9	4	.23	67	.01	5	.28	.01	.04	1	12	30
B 52841	9	7	24	16	.1	13	14	136	3.24	6	5	ND	7	3	.2	2	2	6	.01	.014	78	41	.06	7	.01	5	.22	.01	.03	2	1	5
B 52842	1	5	41	30	.1	13	27	83	3.73	8	5	ND	1	1	.4	3	2	12	.01	.002	3	6	.07	14	.01	3	.18	.01	.12	1	2	5
B 52843	3	32	89	24	.6	16	20	104	3.47	4	5	ND	1	1	.2	2	8	5	.01	.011	2	8	.01	48	.01	3	.16	.01	.07	1	22	5
B 52844	1	3	8	7	.1	3	10	64	2.61	7	5	ND	1	2	.2	2	2	4	.04	.004	4	5	.19	2	.01	2	.26	.01	.02	1	13	5
B 52845	62	10	2583	26	19.8	9	2	61	1.21	2	5	ND	4	4	.7	2	76	3	.01	.003	10	49	.01	290	.01	7	.08	.03	.03	1	112	5
B 52846	2	4	28	5	.3	27	129	41	5.18	143	5	ND	4	2	.3	2	7	2	.01	.021	12	5	.09	7	.01	4	.17	.01	.02	1	1	5
B 52847	742	6	65	9	.3	8	4	27	2.41	2	5	ND	11	8	.2	2	2	6	.01	.016	26	6	.01	444	.01	4	.22	.04	.17	1	390	5
B 52848	22	4	8	9	.1	3	2	63	1.72	5	5	ND	3	2	.3	2	2	1	.01	.024	8	2	.01	96	.01	3	.11	.01	.09	1	12	5
B 52849	18	7	18	11	.1	8	2	70	1.59	3	5	ND	8	1	.2	2	2	4	.01	.017	23	36	.01	7	.01	5	.19	.01	.10	1	46	5
B 52850	2	118	26	142	.4	46	36	1767	9.59	7	5	ND	9	3	1.3	2	13	21	.04	.015	17	15	1.69	11	.03	2	2.66	.01	.10	1	13	5
B 52901	11	7	439	23	.2	9	5	89	2.72	5	5	ND	14	12	.2	2	2	22	.04	.048	28	11	.27	137	.02	6	.55	.02	.49	1	3	5
B 52902	10	21	1295	21	.7	2	3	40	3.03	2	5	ND	1	7	.2	2	2	10	.01	.024	2	4	.01	583	.01	4	.18	.01	.13	1	12	5
B 52903	6	7	1177	6	68.1	11	5	61	2.02	2	5	ND	1	2	.2	2	160	4	.03	.017	2	52	.01	7	.01	4	.11	.01	.03	1	12300	5
B 52904	34	8	1321	111	3.0	4	4	133	2.98	2	5	ND	13	24	.6	2	9	13	.07	.064	27	4	.06	113	.01	4	.28	.01	.23	1	220	5
B 52905	3	140	233	20	5.1	6	2	68	3.66	2	5	ND	4	7	.3	2	8	3	.01	.010	13	7	.01	590	.01	5	.15	.01	.16	1	54	60
B 52906	1	26	161	31	2.0	4	1	58	1.17	2	5	4	2	1	.5	2	10	2	.01	.008	10	4	.01	41	.01	4	.09	.01	.05	1	5990	5
B 52907	6	166	1060	115	3.4	8	2	46	2.08	2	5	13	5	9	.7	3	8	5	.01	.025	11	44	.01	129	.01	4	.11	.03	.10	1	16800	5
B 52908	5	30	25	12	.1	17	11	69	3.04	6	5	ND	5	5	.2	2	2	3	.04	.037	8	2	.02	34	.01	2	.30	.02	.13	1	63	5
B 52909	3	10	8	14	.1	11	4	83	2.42	3	5	ND	9	1	.2	2	2	3	.01	.011	17	7	.02	10	.01	2	.25	.05	.04	1	1	5
B 52910	1	37	128	311	.8	35	16	169	7.52	9	5	ND	7	3	.3	2	2	175	.01	.016	3	90	2.55	47	.05	10	1.88	.07	.78	1	15	5
B 52911	16	70	2839	36	12.9	13	9	226	6.73	2	5	2	1	33	.6	2	55	56	.01	.088	3	38	.20	56	.02	10	.44	.02	.45	1	3690	5
B 52912	7	6	203	69	.7	8	8	113	3.75	3	5	ND	10	8	.2	2	3	63	.01	.016	19	14	.95	87	.03	4	.69	.05	.65	1	14	5
B 52913	3	11	9	20	.1	13	4	66	2.16	12	5	ND	7	4	.3	3	2	2	.01	.013	17	9	.01	12	.01	5	.33	.08	.01	1	4	5
B 52914	1	12	5	13	.1	8	9	201	2.94	17	5	ND	4	5	.3	2	2	3	.03	.021	7	3	.03	12	.01	7	.25	.04	.07	1	22	5
B 52915	6	8	22	4	.2	13	8	60	1.80	7	5	ND	1	2	.4	2	2	14	.01	.002	2	60	.20	19	.01	7	.18	.01	.05	1	34	5
B 52916	1	4	4	3	.1	1	2	23	2.94	4	5	ND	6	1	.3	2	2	4	.01	.014	14	5	.02	1	.01	5	.31	.07	.01	1	24	5
B 52917	3	407	220	92	3.4	31	26	102	2.52	14	5	ND	1	51	.5	2	2	12	.49	.005	2	8	.02	1	.01	6	.48	.01	.01	1	94	5
B 52918	1	1400	496	42	3.6	5	3	82	1.46	26	5	ND	1	1	.3	2	7	1	.01	.007	2	4	.01	1	.01	3	.03	.01	.01	1	8	5
B 52919	6	5533	697	270	3.2	31	23	182	9.88	208	5	ND	1	1	2.3	2	24	37	.01	.021	2	35	.04	1	.01	6	.45	.01	.01	1	51	5
B 52920	2	1095	553	121	8.5	13	10	137	7.79	76	5	ND	1	1	.2	2	11	17	.01	.016	2	2	.01	1	.01	2	.19	.01	.01	1	14	5
STANDARD C/AU-R	19	60	40	131	7.1	71	32	1052	3.98	41	20	7	38	53	19.1	12	19	56	.52	.095	38	58	.89	182	.07	37	1.89	.06	.12	10	540	1400

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 TO P2 ROCK P3 SILT P4 H.M. AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 23 1990 DATE REPORT MAILED: Aug 31/90 . SIGNED BY.......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
B 52921	8	57	335	88	.8	10	3	139	1.27	15	5	ND	4	3	.8	2	5	1	.02	.002	7	8	.01	1	.01	2	.07	.04	.01	1	14	5
B 52922	32	31	675	352	1.8	3	4	275	2.88	11	5	ND	9	25	2.9	2	6	1	.17	.006	11	5	.06	2	.01	3	.14	.07	.01	1	620	5
B 52923	55	51	1409	1185	4.0	20	9	1531	4.96	2	5	ND	6	228	7.5	2	12	3	1.80	.004	2	30	.91	5	.01	4	.13	.07	.01	1	1020	5
B 52924	53	19	974	775	2.8	9	7	1328	4.44	6	5	ND	6	176	4.9	2	6	3	1.55	.006	4	8	.76	3	.01	4	.16	.09	.01	1	480	5
B 52925	4	64	32006	1691	251.3	12	3	445	1.52	2	5	ND	3	35	14.7	2	820	1	.25	.009	7	9	.11	9	.01	2	.08	.04	.01	1	83	5
B 52926	1	3	33	12	.1	14	12	157	2.15	3	5	ND	47	5	.3	2	5	2	.06	.019	17	8	.12	11	.01	2	.17	.07	.03	1	3	5
B 52927	4	9	135	44	.7	11	5	397	2.67	4	5	ND	12	24	.2	2	5	1	.20	.016	9	25	.15	26	.01	2	.14	.08	.02	1	38	5
B 52929	1	142	131	15	.7	3	4	74	3.51	31	5	ND	5	8	.3	2	4	13	.01	.008	9	6	.06	96	.01	2	.13	.06	.07	1	3	5
B 52930	5	6	683	22	3.7	17	12	349	3.55	2	5	ND	8	5	.3	2	12	17	.19	.073	15	15	.10	7	.01	2	.17	.07	.02	1	2	20
B 52931	1	12	8	4	.1	10	12	31	6.73	2	5	ND	44	8	.2	2	2	85	.20	.087	5	10	.01	8	.02	2	.18	.07	.01	3	5	10
B 52932	4	5	2	6	.1	12	6	239	1.92	2	5	ND	9	4	.2	2	2	2	.05	.021	6	34	.01	135	.01	2	.16	.05	.01	1	1	5
B 52933	1	64	125	122	.5	14	8	394	7.01	29	5	ND	6	5	.5	2	8	19	.02	.015	5	7	1.08	5	.01	3	2.24	.02	.03	1	23	5
C 49042	1	1256	11	1	1.0	3	2	525	1.13	199	5	ND	2	57	.3	14	2	3	16.55	.009	9	2	5.44	13	.01	5	.07	.01	.02	1	2	20000
C 49043	1	19	2	1	.2	3	2	364	.63	8	5	ND	4	41	.2	2	2	4	30.79	.023	5	1	.38	56	.01	3	.11	.01	.02	1	1	320
C 49047	5	23	6	2	.1	14	18	1824	2.16	15	5	ND	3	8	.2	2	2	3	.17	.029	13	41	.16	202	.01	2	.35	.01	.08	1	2	10
C 49048	1	208	54	14	.2	13	8	5025	7.15	28	5	ND	2	11	.6	3	2	7	.70	.029	7	7	.39	652	.01	2	.74	.01	.04	1	1	60
C 49049	2	17	14	1	.1	4	11	425	3.17	2	5	ND	1	17	.4	2	5	12	.96	.048	19	7	.98	210	.01	3	.96	.01	.12	1	1	430
C 49050	3	44	11	1	.1	5	9	236	6.15	2	5	ND	1	29	.2	2	2	38	.16	.013	2	6	.44	904	.01	3	.39	.01	.01	1	1	2800
STANDARD C/AU-R	19	61	37	129	7.0	71	32	1050	3.96	41	20	7	39	53	19.0	15	20	56	.51	.094	38	57	.89	182	.07	37	1.89	.06	.14	14	530	1500

✓ ASSAY IN PROGRESS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
B 52928	1	28	39	79	.3	23	37	1200	2.90	12	5	ND	5	36	.2	2	2	11	.20	.050	27	11	.44	86	.02	2	1.66	.01	.06	1	6	50
B 52935	1	20	26	68	.3	20	13	464	3.37	10	5	ND	11	11	.2	2	2	8	.07	.024	33	11	.53	52	.01	2	1.40	.01	.06	1	51	10
B 52936	1	30	31	81	.4	28	22	908	3.17	11	5	ND	4	52	.7	2	2	10	.35	.075	26	12	.42	105	.01	2	1.64	.01	.05	1	15	90
C 49044	1	32	11	42	.4	32	14	419	2.51	3	5	ND	5	20	.3	2	2	10	.48	.050	25	16	.61	125	.01	2	1.58	.01	.12	1	4	80
C 49045	1	11	12	54	.5	11	6	290	1.38	2	5	ND	4	13	.4	2	2	8	1.26	.040	20	8	.59	175	.02	2	.92	.01	.08	1	1	50
C 49046	1	16	8	50	.2	12	8	789	1.68	3	5	ND	1	11	.5	2	2	9	.86	.043	16	10	.40	300	.02	2	1.08	.01	.07	1	3	110

Bapty Research Limited FILE # 90-3797

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb	H.M. %	H.M. gm
B 52229	5	73	26	57	.1	130	113	723	21.40	60	17	ND	15	13	1.2	7	7	70	.37	.097	46	41	.35	367	.11	3	.57	.02	.05	3	1	26000	.57	2.10
B 52934	6	197	96	168	.1	157	207	760	38.04	253	19	ND	24	10	1.0	3	10	36	.06	.145	18	38	.13	67	.03	3	.80	.01	.04	1	560	90	1.59	10.40

LEW/ISAHUD

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
B 52218	2	584	5	19	.5	13	43	498	2.20	5	5	ND	12	9	.4	2	3	12	.57	.011	12	10	.07	3	.01	2	.17	.05	.02	1	9
B 52219	5	1092	7893	56	3.4	45	14	24	2.08	22593	5	3	4	6	2.3	2	5	1	.01	.005	9	34	.01	13	.01	4	.18	.01	.08	1	2314
B 52220	2	22	330	27	.7	9	5	75	3.07	14	5	ND	8	2	.2	2	2	19	.01	.019	17	20	1.49	12	.02	2	1.43	.03	.01	3	5
B 52221	4	36	49	74	.2	17	8	994	5.95	74	5	ND	6	4	.4	2	2	3	.01	.021	23	26	.08	29	.01	8	.29	.01	.11	1	42
B 52222	2	7	46	11	.5	10	1	47	1.73	13	5	ND	12	20	.2	2	5	22	.03	.018	37	21	.11	11	.10	5	.37	.06	.10	1	18
B 52223	32	82	2909	45	73.3	11	1	39	2.69	5	5	ND	7	9	.3	3	576	12	.01	.024	17	41	.01	315	.01	2	.20	.02	.13	2	515
B 52224	3	23	59	15	1.3	20	38	112	2.53	19	5	ND	9	3	.3	2	3	4	.01	.016	19	7	.02	19	.01	2	.33	.04	.06	1	65
B 52225	1	193	20	100	.6	40	30	784	7.80	2	5	ND	1	33	.2	5	2	161	.66	.110	16	42	1.98	26	.23	2	3.39	.02	.04	1	6
B 52226	3	37	108	51	.4	8	4	85	2.59	102	5	ND	9	3	.4	2	5	4	.03	.026	27	2	.03	25	.01	5	.55	.01	.13	1	23
B 52228	3	13	28	15	.3	25	17	89	4.21	37334	5	ND	7	6	.7	2	2	2	.10	.049	19	19	.01	38	.01	6	.29	.02	.16	1	42
B 52824	16	9	264	26	.7	13	2	80	2.24	33	5	ND	4	4	.2	2	5	1	.01	.017	16	3	.01	16	.01	3	.13	.01	.07	1	38
B 52825	4	18	28	24	.2	10	3	500	2.51	60	5	ND	8	4	.2	2	2	1	.03	.025	25	29	.01	19	.01	4	.19	.03	.09	1	159
B 52826	2	21	299	69	13.0	12	5	272	1.15	55	7	ND	8	5	.2	2	6	1	.16	.075	20	6	.01	17	.01	33	.23	.03	.05	1	8
B 52827	7	13	15	9	.1	16	1	51	2.46	8	5	ND	1	2	.2	2	2	13	.01	.009	2	46	.03	5	.01	4	.21	.01	.09	1	39
B 52828	1	310	14	33	.1	26	39	272	6.17	54	5	ND	15	29	1.3	2	2	27	.11	.053	20	5	.03	58	.04	2	1.03	.01	.19	1	2
B 52829	5	9	16	5	.2	20	7	42	3.25	2	5	ND	4	1	.2	2	2	1	.01	.009	5	35	.01	14	.01	3	.13	.03	.01	1	21
B 52830	4	111	7145	505	11.3	13	10	2761	2.40	2	5	ND	1	12	2.0	5	28	8	.02	.006	2	3	.01	24	.01	2	.03	.01	.01	1	203
B 52831	2	476	3159	215	2.3	44	62	1807	14.99	137	5	ND	1	4	2.5	2	4	36	.03	.065	10	10	.06	24	.01	8	.66	.01	.17	1	12
B 52832	3	46	56	24	.3	5	3	73	4.19	10	5	ND	16	5	.2	2	2	7	.01	.041	43	18	.20	50	.01	5	.96	.01	.24	1	35
B 52833	2	11	75	38	.3	15	6	98	6.05	560	5	ND	6	2	.2	2	2	2	.01	.038	18	1	.01	20	.01	5	.17	.01	.12	1	414
B 52834	5	7	75	9	.2	4	1	67	3.13	17	5	ND	20	2	.2	2	3	3	.01	.013	54	4	.01	14	.01	3	.20	.01	.15	1	205
B 52835	6	37	3878	230	32.9	5	1	29	1.37	2	5	ND	7	8	1.9	11	89	17	.01	.015	20	7	.05	35	.01	7	.18	.01	.16	1	942
B 52836	1	1	18	163	.3	37	11	692	7.91	2	5	ND	8	6	.3	6	2	46	.12	.049	4	45	2.72	19	.01	2	3.56	.01	.08	2	24
B 52837	1	15	70	54	.4	24	4	132	6.93	2	5	ND	10	6	.2	3	4	22	.01	.016	23	8	.11	51	.02	5	.52	.02	.27	1	88
B 52838	2	15	2	12	.1	11	12	61	1.90	6	5	ND	22	4	.2	2	2	9	.15	.072	18	45	.39	7	.01	2	.61	.07	.03	2	3
C 49038	1	3036	9	13	1.9	32	9	306	1.44	2	5	ND	11	18	.3	4	47	7	1.55	.094	30	40	2.61	1253	.01	3	1.47	.01	.16	1	109
C 49040	1	6	3	1	.1	14	4	433	.94	2	6	ND	10	21	.2	4	2	5	3.37	.052	26	28	2.64	215	.01	2	.72	.01	.14	1	25
C 49041	1	10	17	6	.1	10	3	118	.85	2	6	ND	7	4	.2	2	5	6	.19	.028	26	18	.46	84	.01	6	.63	.01	.14	1	1
STANDARD C/AU-R	18	63	44	133	7.3	73	32	1055	3.97	38	18	8	36	53	18.6	15	20	57	.52	.095	38	60	.87	180	.07	39	1.89	.06	.14	11	515

Pages 1-4??

Perhaps another project??

McGowan

Queen Elizabeth 29th

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
B 52227	1	53	29	55	[illegible]	28	71	527	7.15	19	7	ND	7	11	.5	2	2	76	.29	.018	19	11	.56	51	.19	2	.87	.02	.07	1	92

APPENDIX 4

DRILL LOGS

COMMENCED: October 13, 1990
COMPLETED: October 15, 1990
LOGGED BY: D. Duba
DATE LOGGED: October 15, 1990

DISTRICT: Ft. Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 1974N, 2983E
ELEV.: 1878 m

COLLAR DIP: -45°
BEARING: 120° AZ
LENGTH: 47.2 m
CORE SIZE: NQ-2
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION	ANALYSIS Ag	Au	Cu	Pb
0-2.1m	CASING - Overburden				
2.1-47.2m	ALTERED SILTSTONE AND QUARTZITE Pale grey, bleached, heavily fractured and brecciated with abundant, orange brown and dark brown discoloration, dominantly fracture controlled. Locally narrow intervals of crushed, crumbly and broken-up core. There is a core loss from 6.4 to 8.5 meters. Siltstone is laminated to thinly bedded and locally well foliated. It is intercalated with thinly bedded, fine grained quartzite. Average attitude of bedding which roughly parallels the foliation is 65-70° to core axis. Fracturing is generally intense, irregular, but most common trends are 45 to 80° to core axis. Fractures are healed by limonite, manganese oxide and lesser hematite. Narrow, hairline to 6 cm wide, milky to pinkish quartz veinlets and irregular masses occur throughout the interval. Some contain creamy feldspar. Veins tend to be brecciated, vuggy, limonitic and commonly trending parallel to foliation, at 65-75° to core axis. Locally hematite is present in selvedges and in vugs together with limonite. Siltstone and quartzite are commonly fairly hard and bleached as result of pervasive silicification. Locally coarse euhedral and fine specks of pyrite coat open fracture surfaces and also occur as fine disseminations and microfracture fillings. Below 18.5 meters, siltstone and quartzite are not as strongly megascopically altered and brecciated. Fracturing is moderate to intense and open fractures are commonly coated by Fe-oxides, chlorite and fine specks and coarse euhedral pyrite. Pyrite occurs as fine disseminations and blebs, 1-3 mm long and microfracture fillings, 1% on average. Hairline to 2 mm wide, generally randomly oriented quartz veinlets are ubiquitous. To 4 cm wide milky quartz veins are occasionaly present. Veins trend 70-80° and rarely 15-20° to core axis. They are generally brecciated, vuggy and contain blebs of pyrite and galena encrusting cavities and filling microfractures. Rare bright green mineral occurs in several narrow quartz veins.				

Sample	Sampling		Recovery %	Description	Ag	Au	Cu	Pb
83701	2.1-2.6	0.5 m	100	Narrow, 1-3 mm wide quartz-feldspar stringers, randomly oriented, vuggy and limonitic, 1-2% rusty specks (after pyrite)	.1	44	13	10
83702	2.6-3.1	0.5 m	100		.1	46	35	8
83703	3.1-3.6	0.5 m	100	Rare vuggy, Fe-oxidized quartz stringers.	.1	28	48	18
83704	3.6-4.1	0.5 m	100	To 3 cm wide zone of vuggy quartz-feldspar breccia, limonite and hematite in vugs.	.3	160	34	51
83705	4.1-4.6	0.5 m	100		.1	21	39	33
83706	4.6-4.9	0.3 m	100	Some randomly oriented quartz veinlets, to 2 mm wide.	.1	46	39	15
83707	4.9-5.2	0.3 m	100	Vuggy, pale grey to white quartz-feldspar breccia over 50% of this interval, also to 1.5 cm wide quartz vein trending 65° to core axis, pinkish to white, coarse grained, vuggy, limonitic oxidation.	.1	3	37	68
83708	5.2-5.5	0.3 m	100	Abundant quartz veining, 2-5 mm wide, vuggy, limonitic, the most commonly trending 65-70° to core, that is foliation/bedding, parallel, hematite in selvedges, 0.5% rusty specks (after pyrite) in host siltstone.	.1	10	19	16
83709	5.5-6.0	0.5 m	100		.1	50	44	20
83710	6.0-6.4	0.4 m	100		.2	7	52	88
	6.4-8.5	2.1 m		Core missing	--	--	--	--

FOOTAGE FROM TO	DESCRIPTION			Recovery %		ANALYSIS Ag	Au	Cu	Pb
2.1-18.5m	Cont'd								
	83711	8.5-9.0	0.5 m	100	Poorly competent core, some milky quartz rubble.	.2	95 Assay .06 g/t	53	184
	83712	9.0-9.5	0.5 m	90	6 cm wide, brecciated milky quartz vein, abundant limonite healing fractures, several to 0.5 cm wide vuggy quartz veins, trend is 80° to core axis.	1.3	18240 Assay 19.61 g/t	93	346
	83713	9.5-10.0	0.5 m	95	Narrow, rusty stained, limonitic quartz stringers, 1-2 mm wide, trend randomly.	.1	150 Assay .14 g/t	58	77
	83714	10.0-10.5	0.5 m	55	The same as 9.5-10.0	.1	1220 Assay .43 g/t	63	124
	83715	10.5-10.9	0.4 m	75		.1	290 Assay .25 g/t	178	579
	83716	10.9-11.4	0.5 m	100	Abundant milky to pale grey, rusty stained, vuggy quartz and quartz-feldspar veins, 3 to 35 mm wide, trending parallel to foliation / bedding at 70° to core axis. Veins are brecciated with limonite healing fractures, limonite and hematite occur encrusting vugs. Also randomly oriented, 1-2 mm wide limonitic quartz stringers.	1.0	10900 Assay 9.66 g/t	284	738
	83717	11.4-11.9	0.5 m	100		.6	280 Assay .22 g/t	141	635
	83718	11.9-12.4	0.5 m	100	Brecciated and crumbly core over 30% of this interval, abundant dark brown Mn-oxide and lesser limonite on open fractures.	.2	180 Assay .14 g/t	115	673
	83719	12.4-12.9	0.5 m	100	Poorly competent core over most of interval, abundant Mn oxide and limonite healing fractures, fracturing is generally random, at 12.6 m, 2 cm wide brecciated milky quartz vein.	.1	87 Assay .06 g/t	103	731
	83720	12.9-13.4	0.5 m	100	Heavily shattered core, narrow shear/ fault zone, intense Mn-oxide and limonite alteration.	.3	2570 Assay 2.08 g/t	189	1178
	83721	13.4-13.9	0.5 m	100	Heavily brecciated and Fe-oxide stained, 3-4 cm wide, narrow sections of quartz breccia, at 13.65-13.75 m, intensely limonitized.	2.0	17390 Assay 17.05 g/t	818	8342
	83722	13.9-14.4	0.5 m	100	Poorly competent core, rusty stained, quartz breccia at 14.2 m, abundant fracture controlled limonite & dendritic Mn-oxide alteration.	3.0	64790 Assay 64.44 g/t	1016	6506
	83723	14.4-14.9	0.5 m	100	Crushed and crumbly core over 30% of this interval, abundant Mn-oxide and limonite alteration; shear zone.	.2	580 Assay 0.21 g/t	129	1150
	83724	14.9-15.4	0.5 m	100	Well foliated/sheared siltstone at 70° to core axis, sericite, limonite and Mn-oxide coating fractures, to 0.5% rusty specks after pyrite.	.1	24 Assay 0.03 g/t	69	396
	83725	15.4-15.9	0.5 m	95	Brecciated, to 1 cm wide, vuggy, limonitic quartz vein in well foliated siltstone.	.1	8	136	511
	83726	15.9-16.4	0.5 m	100	Poorly competent core, abundant limonite and Mn-oxide on fractures.	.2	19	158	1054
	83727	16.4-16.9	0.5 m	100	Sheared, sericitized siltstone, trend is at 70° to core axis, locally abundant small cavities, 1-3 mm long, elongated to foliation and filled with pyrite and limonite.	.2	2	88	624

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
2.1-47.2m	Cont'd								
				Recovery %					
	83728	16.9-17.4	0.5 m	100		.1	4	54	296
	83729	17.4-17.9	0.5 m	100	Rare milky quartz lenses in sheared siltstone, trace-0.3% rusty specks after pyrite.	.1	8	61	116
	83730	17.9-18.5	0.6 m	100	Irregular, vuggy, rusty, stained limonitic quartz lenses at 17.95 m.	.1	7	39	81
	83731	18.5-19.0	0.5 m	100	Intense random fracturing, fractures are healed with limonite and lesser pale grey quartz. Trace pyrite as disseminations and fracture fillings.	.1	12	17	27
	83732	19.0-19.5	0.5 m	100	Irregular milky quartz veinlets trending at 55 and 85° to core axis and irregular masses forming about 10% of this interval 2-3% pyrite in brecciated quartz and 0.5% pyrite disseminations in siltstone, moderate to intense fracturing, limonite coating fractures.	.1	47	6	16
	83733	19.5-20.0	0.5 m	100		.1	7	6	9
	83734	20.0-20.5	0.5 m	100	Vuggy, milky quartz vein, 4 cm wide at 20.0 m, trend is 75° to core axis. Vein contains coarse blebs of pyrite and galena in cavities, limonitic oxidation.	2.7	10	30	490
	83735	20.5-21.0	0.5 m	100		.1	7	34	2
	83736	21.0-21.5	0.5 m	100		.2	8	34	20
	83737	21.5-22.0	0.5 m	100		.2	3	16	15
	83738	22.0-22.5	0.5 m	100	At 22.6-22.65 meters, hairline to 2 mm wide milky quartz stringers, 2-3% pryite blebs in the quartz and fine dissemination in adjacent host.	.1	8	10	4
	83739	22.5-23.0	0.5 m	100		.1	9	6	6
	83740	23.0-23.5	0.5 m	100		.1	26	14	11
	83741	23.5-24.0	0.5 m	100		.1	2	7	8
	83742	24.0-24.5	0.5 m	100		.2	7	14	24
	83743	24.5-25.0	0.5 m	100		.1	4	7	15
	83744	25.0-25.5	0.5 m	100		.1	21	7	4
	83745	25.5-26.0	0.5 m	100		.2	6	3	3
	83746	26.0-26.5	0.5 m	100		.2	17	7	4
	83747	26.5-27.0	0.5 m	100	At 26.7 m, 1 cm wide, milky quartz vein trending 70° to core axis, it is vuggy and contains pyrite in fractures and selvedges of the vein.	.1	18	4	4
	83748	27.0-27.5	0.5 m	100		.1	8	15	9
	83749	27.5-28.0	0.5 m	100	Number of hairline to 2 mm wide milky quartz veinlets, commonly trending 70-80° to core axis. Vuggy, Fe-oxide altered and contain 3-5% pyrite, coarse euhedral and blebs.	.1	2	18	8
	83750	28.0-28.5	0.5 m	100	Few hairline to 1 cm wide milky quartz veinlets, abundant pyrite in veins and host rock.	.2	18	18	16
	83751	28.5-29.0	0.5 m	100		.1	8	9	3
	83752	29.0-29.5	0.5 m	100		.1	1	4	6
	83753	29.5-30.0	0.5 m	100		.2	1	2	3
	83754	30.0-30.5	0.5 m	100		.2	14	9	20
	83755	30.5-31.0	0.5 m	100	Poorly competent core; intensely brecciated with fractures healed by quartz, fractures have random orientation, some open fractures are coated with chlorite and pyrite.	.2	23	7	2

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
2.1-47.2m	Cont'd								
	83756	31.0-31.5	0.5 m	100	At 31.35 m, milky quartz vein, 1 cm wide, trending 75° to core axis, it contains bright green mineral, fine pyrite in selvedges.	.1	9	3	3
	83757	31.5-32.0	0.5 m	100		.1	3	23	22
	83758	32.0-32.5	0.5 m	100		.2	1	26	4
	83759	32.5-33.0	0.5 m	100	Coarse blebs and lenses of pyrite, chloritized fracture surfaces.	.2	2	37	7
	83760	33.0-33.5	0.5 m	100	The same as 32.5-3.0.	.2	3	47	7
	83761	33.5-34.0	0.5 m	100	Hairline fractures filled with pyrite.	.2	1	31	15
	83762	34.0-34.5	0.5 m	100		.7	3	37	169
	83763	34.5-35.0	0.5 m	100		.4	2	20	50
	83764	35.0-35.5	0.5 m	100		.3	1	20	22
	83765	35.5-36.0	0.5 m	100		.2	4	9	12
	83766	36.0-36.5	0.5 m	100		.1	28	8	2
	83767	36.5-37.0	0.5 m	100		.1	4	4	7
	83768	37.0-37.5	0.5 m	100		.1	4	3	10
	83769	37.5-38.0	0.5 m	100		.1	4	5	2
	83770	38.0-38.5	0.5 m	100	Milky quartz vein at 38.3-38.5, 2.5 cm wide, trending 15-20° to core axis, pyrite cubes and coarse blebs in fractures.	.1	3	3	6
	83771	38.5-39.0	0.5 m	100	0.5 cm wide, vuggy, limonitic quartz vein, it trends at 75° to core axis.	.2	13	4	28
	83772	39.0-39.5	0.5 m	100	At 39.05, milky quartz vein, with rare bright green mineral, 0.7 cm wide and trending 80° to core axis, galena and pyrite encrust cavities, pyrite occurs also in selvedges.	.1	4	8	21
	83773	39.5-40.0	0.5 m	100		.1	1	7	3
	83774	40.0-41.0	1.0 m	100		.1	4	13	4
	83775	41.0-42.0	1.0 m	100	Locally 1-2% pyrite over several cm width filling microfractures and along bedding planes.	.1	5	35	5
	83776	42.0-43.0	1.0 m	100		.1	1	27	10
	83777	43.0-44.0	1.0 m	100		.1	1	3	5
	83778	44.0-45.0	1.0 m	100		.1	4	4	8
	83779	45.0-45.5	0.5 m	100	Intensely bleached, broken up and brecciated interval, quartz and chlorite healing fractures, pyrite together with chlorite on open fractures.	.1	1	19	2
	83780	45.5-46.0	0.5 m	100		.1	2	5	2
	83781	46.0-46.5	0.5 m	100	Poorly competent, brecciated core, slicken-sided and chloritized fracture surfaces, irregular quartz masses at 46.1-46.3, 3-5% coarse euhedral pyrite is associated with quartz.	.1	2	3	4
	83782	46.5-47.2	0.6 m	100	Partly broken-up core, chloritized fracture planes, at 46.8-46.9, irregular milky white quartz mass, it is brecciated with chlorite filling fractures, 1% pyrite.	.1	3	5	2
47.2m	END OF HOLE								

COMMENCED: October 15, 1990
COMPLETED: October 16, 1990
LOGGED BY: D. Duba
DATE LOGGED: October 17, 1990

DISTRICT: Ft. Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 1974N, 2983E
ELEV.: 1878 m

COLLAR DIP: -65°
BEARING: 120° Az
LENGTH: 38.7 m
CORE SIZE: NQ-2
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
0-2.7m	CASING - OVERBURDEN								
2.7-38.7m	ALTERED SILTSTONE AND QUARTZITE Pale gray to medium gray, bleached, heavily brecciated and fractured. Abundant discoloration to orange brown (limonite) and dark brown (Mn oxide). Siltstone is hard and bleached due to pervasive silicification. It is typically laminated to thinly bedded and intercalated with fine grained, thinly bedded quartzite. Attitude of the bedding is 40-55° to core axis. Locally siltstone is well foliated/sheared with sericite and lesser chlorite formed on foliation surfaces. Foliation roughly parallels bedding at 45-60° to core axis. Fracturing is generally intense and typically fractures are healed by limonite, Mn-oxide and lesser chlorite. Orientation is variable, dominant trend is 40-50 and 70-80° to core axis. Quartz veining is ubiquitous but generally is more abundant to 21.0 m depth. Quartz veins are typically narrow, to 10 cm wide, may contain creamy feldspar and have foliation/bedding parallel to subparallel orientation at 45-70° to core axis. They are commonly vuggy, with pyrite, hematite and limonite encrusting cavities. Pyrite commonly occurs as fine disseminations, coarse blebs and microfracture fillings in altered siltstone and quartzite typically associated with brecciation and quartz veining. Below 21.0 m, siltstone and quartzite are poorly foliated and not as strongly brecciated and altered. Fe-oxidation and quartz veining is less common.								
		Sampling		Recovery %					
	83783	2.7-3.2	0.5 m	80	Broken-up core, some pebbles, in part overburden.	.1	170	30	6
	83784	3.2-3.7	0.5 m	100	Bleached, intensely brecciated, abundant limonite healing fractures, rare narrow, 1-4 mm wide, vuggy, oxidized quartz veinlets, commonly trending 50-55° to core axis.	.1	80	22	18
	83785	3.7-4.2	0.5 m	100	The same as 3.2-3.7 m.	.1	140	16	12
	83786	4.2-4.7	0.5 m	100	Intense limonitic discoloration, hematite and dark brown Mn oxide coating open fractures, hairline to 2 mm wide, limonitic and hematitic, vuggy quartz veinlets, trend is 55 to 70° to core axis	.1	160	22	7
	83787	4.7-5.2	0.5 m	100	Poorly competent core, abundant Mn-oxide on open fractures.	.2	83	66	7
	83788	5.2-5.8	0.6 m	95	Broken up core, 8 cm wide quartz breccia, vuggy, Fe-oxide encrusting vugs, hematite and limonite on fractures.	.1	33	30	46
	83789	5.8-6.1	0.3 m	100	Irregular, brecciated, milky quartz, it forms about 20% of this interval, abundant Fe-oxides encrust cavities and fill microfractures in quartz and host siltstone.	.2	120	33	74
	83790	6.1-6.4	0.3 m	100	The same as 5.8-6.1.	.1	26	19	70
	83791	6.4-6.9	0.5 m	100	Rare, randomly trending grey quartz veins, hairline to 3 mm wide, trace euhedral pyrite in quartz and the host rock.	.1	26	42	23
	83792	6.9-7.4	0.5 m	100	Rare quartz veinlets, hairline to 2 mm wide, trending at 75° to core axis, vuggy pyritiferous; pyrite, hematite and limonite fill, hairline fractures at 15 to 55° to core axis.	.1	21	21	25

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
2.7-38.7m	Cont'd			Recovery %					
	83793	7.4-7.9	0.5 m	100	Some quartz veining, <5% of the interval, vuggy, heavily limonitized, trend is commonly 55 to 65° to core axis.	.1	84	42	51
	83794	7.9-8.4	0.5 m	100	Several vuggy, milky quartz veins, 2 to 20 mm wide and trending at 50-80° to core axis, limonitic alteration, trace pyrite.	.1	26	39	40
	83795	8.4-8.9	0.5 m	100	Well foliated/sheared and bleached silt-stone, trend is 60° to core axis, 0.5-1% pyrite disseminations, rare hairline to 2 mm wide quartz veinlets, abundant limonite and Mn-oxide on foliation surfaces.	.2	51	26	82
	83796	8.9-9.4	0.5 m	100	Well foliated/sheared and bleached interval, trend is 50° to core axis, elongated vugs to foliation are encrusted with pyrite and Fe-oxides, some foliation parallel quartz veining, hairline to 3 mm wide, vuggy, limonitized, dendritic Mn-oxide and limonite on open fractures.	.1	21	60	16
	83797	9.4-9.9	0.5 m	100	The same as 8.9-9.4 m.	.1	9	76	13
	83798	9.9-10.4	0.5 m	100	Well foliated and intensely limonitized siltstone.	.1	3	16	12
	83799	10.4-10.9	0.5 m	100	Rare quartz veinlets, to 3 mm wide, irregular trend, vuggy, limonitic.	.2	6	25	43
	83800	10.9-11.4	0.5 m	100	The same as 10.4-10.9 m.	.1	38	38	4
	82201	11.4-11.9	0.5 m	100		.1	30	70	19
	82202	11.9-12.4	0.5 m	100	1 cm wide, milky quartz vein at 11.95, it is vuggy, limonitic and hematitic, trend is 65° to core axis.	.2	40	20	38
	82203	12.4-12.9	0.5 m	100	Poorly competent core, intensely brecciated, Fe-oxides and dendritic Mn-oxide on fractures.	.3	92	88	279
	82204	12.9-13.4	0.5 m	100	The same as 12.4-12.9, rare to 0.2 mm wide quartz veinlets.	.3	62	107	219
						Assay .02 g/t			
	82205	13.4-13.9	0.5 m	100	Abundant brecciated quartz-feldspar veining, about 70% of this interval, veins trend about 45° to core axis, also irregular quartz masses, abundant Fe-oxides limonite and hematite infilling fractures and encrusting vugs, trace pyrite as fine disseminations and blebs.	.9	2840	205	572
						Assay 2.6 g/t			
	82206	13.9-14.3	0.4 m	100	At 14.1 m, 1.5 cm wide brecciated quartz-feldspar veinlet, Fe-oxide altered, trend is 50° to core axis.	.9	160	112	277
						Assay .13 g/t			
	82207	14.3-14.6	0.3 m	100	10 cm and 2.5 cm wide milky quartz veins, partly vuggy, brecciated, hematite and limonite filling vugs and microfractures, both have limonitic selvadges, 3-5% pyrite in adjacent bleached host rock, veins trend at 55° to core axis.	.6	820	147	180
						Assay .85 g/t			
	82208	14.6-15.0	0.4 m	100		.3	120	83	122
						Assay .10 g/t			
	82209	15.0-15.5	0.5 m	100	Poorly competent interval, abundant Mn-oxide and limonite on fractures.	.4	88	144	350
						Assay .07 g/t			
	82210	15.5-16.0	0.5 m	100	Intense fracturing which has associated intense limonitization, irregular brecciated, milky quartz masses and veins, veins trend at 45° to core axis, hematite and Mn-oxide coating open fractures.	.2	200	76	393
						Assay .21 g/t			

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
2.7-38.7m	Cont'd								
				Recovery %					
	82211	16.0-16.5	0.5 m	100	Heavily sheared siltstone, kink-folding, sericitized foliation surfaces, intense, fracture controlled orange brown limonitic discoloration, hematite encrust vugs and coats fracture surfaces.	.1	55	26	107
							Assay .03 g/t		
	82212	16.5-16.9	0.4 m	100	Sheared and kink-folded, bleached siltstone, average trend is 50° to core axis, sericite and chlorite on sheared planes, trace to locally 5% pyrite over 2 cm widths, 2.5 cm wide, vuggy, Fe-oxidized quartz vein at 16.85 m, pyrite and hematite in vugs and filling microfractures.	1.1	2320	425	2056
							Assay 2.46 g/t		
	82213	16.9-17.5	0.6 m	100	Abundant to 1 cm wide, brecciated, milky quartz veinlets, commonly trending 60° to core axis, veins are vuggy, limonitic and pyrite-rich, abundant Mn-oxide and lesser limonite on fractures, trace to locally 3-5% pyrite as fine disseminations, blebs and in microfractures.	1.0	160	180	996
							Assay .14 g/t		
	82214	17.5-18.0	0.5 m	100		.1	14	83	233
	82215	18.0-18.5	0.5 m	100	Several 1 to 2 cm wide quartz-feldspar veinlets in narrow zones of heavily sheared and limonitized siltstone, veins trend parallel to foliation at 60° to core axis.	.6	52	55	301
	82216	18.5-19.0	0.5 m	100	Heavily sheared, sericitized interval with trend at 55° to core axis, to 2% pyrite as blebs elongated to foliation and microfracture fillings, rare, to 2 mm wide milky quartz veinlets trending subparallel to foliation.	.5	40	49	269
	82217	19.0-19.5	0.5 m	100	Well foliated siltstone, trend is 45° to core axis, at 19.2 m quartz lenses at intersection of two structural trends, foliation at 40-50° and fracturing at 70° to core axis, limonite on open fractures at 45° to core axis, trace pyrite.	.1	6	32	37
	82218	19.5-20.0	0.5 m	100	Pyrite on foliation surfaces trending 60° to core axis.	.1	1	33	19
	82219	20.0-20.5	0.5 m	100		.1	7	36	72
	82220	20.5-21.0	0.5 m	100		.1	4	84	41
	82221	21.0-21.5	0.5 m	100		.1	5	14	10
	82222	21.5-22.0	0.5 m	100		.1	2	25	17
	82223	22.0-22.5	0.5 m	100		.1	5	19	12
	82224	22.5-23.0	0.5 m	100	Moderate intensity of fracturing, rare, narrow hairline to 3 mm wide, limonitic quartz veinlets healing fractures, randomly oriented, 1% pyrite as disseminations.	.1	2	2	100
	82225	23.0-23.5	0.5 m	100	4 cm wide vuggy, limonite stained, milky quartz vein at 23.25 m, trend is 65° to core axis.	7.2	4	5	470

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
2.7-38.7m	Cont'd								
				Recovery %					
	82226	23.5-24.0	0.5 m	100	Abundant milky quartz veining, hairline to 5 cm wide, generally trending 50° to core axis, to 5% pyrite in micro-fractures and as disseminations in adjacent host rock, chloritized fracture surfaces.	.1	2	2	10
	82227	24.0-24.5	0.5 m	100	Poorly competent core over 50% of this interval, limonite, chlorite and hematite on fractures.	.1	1	8	2
	82228	24.5-25.0	0.5 m	100	The same as 24.0-24.5 m.	.1	5	1	4
	82229	25.0-25.5	0.5 m	100	Rare quartz veining, to 3 mm wide at 60° to core axis, limonite on fractures.	.1	5	1	5
	82230	25.5-26.0	0.5 mm	100		.1	5	1	2
	82231	26.0-26.5	0.5 m	100		.1	5	1	5
	82232	26.5-27.0	0.5 m	100	Number of vuggy, limonitic narrow quartz veinlets, hairline to 2 mm wide, foliation parallel at 50-55° to core axis, pyrite occurs as fine disseminations and microfracture fillings in host rock and encrusting vugs in quartz.	.1	19	4	3
	82233	27.0-27.5	0.5 m	100		.1	42	36	11
	82234	27.5-28.0	0.5 m	100		.1	10	4	6
	82235	28.0-28.5	0.5 m	100	Number of randomly oriented quartz and quartz-feldspar veinlets, hairline to 1 cm wide, vuggy and brecciated, abundant pyrite encrusts vugs.	.1	47	4	42
	82236	28.5-29.0	0.5 m	100		.1	29	4	12
	82237	29.0-30.0	1.0 m	100	Number of hairline to 5 mm wide quartz veinlets, vuggy, pyritiferous, commonly trending 55-70° to core axis.	.2	18	20	12
	82238	30.0-31.0	1.0 m	100	The same as above 29.0-30.0, at 31.75 m vuggy, quartz-feldspar vein, 2 cm wide, trending 55° to core axis, 5% pyrite encrusting vugs and in selvedges of the vein.	.1	8	4	8
	82239	31.0-32.0	1.0 m	100	Several hairline milky quartz veinlets, randomly oriented, vuggy and pyrite-rich.	.4	16	4	60
	82240	32.0-33.0	1.0 m	100	Moderately brecciated and vuggy interval, quartz and pyrite filling fractures and cavities.	.1	22	2	7
	82241	33.0-34.0	1.0 m	100		.1	8	22	7
	82242	34.0-34.3	0.3 m	100	Abundant to 5 mm wide milky quartz veinlets, contain pyrite in vugs and microfractures, trend is 70-75° to core axis.	.1	11	14	11
	82243	34.3-35.3	1.0 m	100	The same as 28-28.5 m.	.1	19	22	15
	82244	35.3-36.3	1.0 m	100		.1	30	11	14
	82245	36.3-37.3	1.0 m	100	At 36.4, 1 cm wide milky quartz-feldspar vein, trend is 65° to core axis.	.1	7	20	12
	82246	37.3-38.0	0.7 m	100		.1	2	20	12
	82247	38.0-38.7	0.7 m	100		.1	2	26	28
38.7m	END OF HOLE								

P. Kh

COMMENCED: October 17, 1990
COMPLETED: October 17, 1990
LOGGED BY: D. Duba
DATE LOGGED: October 19, 1990

DISTRICT: Ft. Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 1974N, 2983E
ELEV.: 1878 m

COLLAR DIP: -55°
BEARING: 120° AZ
LENGTH: 22.9 m
CORE SIZE: NQ-2
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION	ANALYSIS Ag	Au	Cu	Pb
0-1.5m	CASING - Overburden				
1.5-22.9m	ALTERED SILTSTONE AND QUARTZITE Medium grey to bleached pale gray, locally intense orange brown and dark brown discoloration. Siltstone is laminated to thinly bedded and locally intensely foliated/sheared. It is intercalated with thinly bedded, fine grained quartzite. Foliation roughly parallels the bedding with average attitudes at 60-75° to core axis. Fracturing is generally intense, may be random in areas of quartz veining but most common trends are 40-45 and 60-70° to core axis. Alteration and mineralization: siltstone and quartzite are typically hard and bleached due to pervasive silicification. Narrow, hairline to 20 cm wide milky quartz veinlets, lenses and quartz breccia occur throughout the length of the hole. Veins tend to be milky to grey, brecciated, vuggy and Fe-oxidized. They commonly trend subparallel to foliation at 55-75° to core axis. Limonite, hematite and pyrite encrust vugs and fill microfractures. Some veins contain creamy feldspar. Pyrite also occurs as fine disseminations, blebs and microfracture fillings in siltstone and quartzite, on average less than 1%. Locally Mn-oxide is abundant as coating on fractures. Below 19.0 m, siltstone and quartzite are not as intensely brecciated and altered. Fe-oxide alteration and quartz veining is less abundant. Chlorite occurs coating fracture surfaces.				

Sample	Sampling	Length	Recovery %	Description	Ag	Au	Cu	Pb
82249	1.5-2.0	0.5 m	100	Intense limonitic alteration, rare hairline to 2 mm wide quartz veining, commonly trending 45-70° to core axis.	.1	21	11	8
82250	2.0-2.5	0.5 m	100	Common, narrow quartz veinlets, hairline to 2 mm wide randomly oriented, vuggy, limonitic, abundant limonite and Mn-oxide on fractures, last 20 cm of the interval broken-up core.	.1	37	21	22
82251	2.5-3.0	0.5 m	100	Number of quartz and quartz-feldspar stringers, some trend 55 to 70° to core axis, commonly vuggy and limonitic.	.1	35	23	23
82252	3.0-3.5	0.5 m	100	Well foliated/sheared interval, sericitized, trend is 65° to core axis, abundant limonite and dark brown Mn-oxide coating fractures.	.1	9	58	63
82253	3.5-4.0	0.5 m	100	Rare milky to grey quartz veining, randomly oriented.	.1	18	55	23
82254	4.0-4.6	0.6 m	90		.1	21	17	58
82255	4.6-5.0	0.4 m	100	Abundant milky quartz and quartz-feldspar veinlets, some are randomly oriented and others trend at 70° to core axis, hairline to 1.5 cm wide, vuggy, limonite and lesser hematite encrust vugs and fill microfractures.	.1	2	41	39
82256	5.0-5.5	0.5 m	100	Numerous, hairline to 2 mm wide quartz veinlets, vuggy, limonitic.	.1	1	51	14
82257	5.5-6.0	0.5 m	100	The same as above 5.0-5.5, several to 1.0 cm wide, brecciated milky quartz veins trending 25-55° to core axis.	.1	1	57	25
82258	6.0-6.5	0.5 m	100	Quartz veining forms about 10% of this interval, hairline to 2 cm wide, common trend is 65-75° to core axis, vuggy, limonitic alteration.	.3	59	15	49
82259	6.5-7.0	0.5 m	100		.1	1	28	75

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
1.5-22.9m	Cont'd								
				Recovery %					
	82260	7.0-7.5	0.5 m	100	Rare foliation parallel (60° to core axis) milky quartz veining to 7 mm wide in intensely bleached and limonitized siltstone.	.1	5	44	53
	82261	7.5-8.0	0.5 m	95	Poorly competent, broken-up core last 20 cm.	.1	1	21	45
	82262	8.0-8.5	0.5 m	90	Partly crumbled rock, poorly competent - shear zone, some irregular quartz masses in sheared, sericitized siltstone, abundant limonite and lesser hematite on fractures.	.1	13	56	38
	82263	8.5-9.0	0.5 m	100	Abundant hairline to 2 mm wide, vuggy, milky quartz veinlets, trending 60-70° to core axis, limonite and specular hematite encrust vugs, fill micro-fractures and also occur in selvedges of these veinlets.	.1	260	193	47
	82264	9.0-9.5	0.5 m	100	Moderately fractured siltstone, abundant small rusty specks (after pyrite), fractures are healed by limonite, Fe-carbonate? and lesser quartz	.1	36	77	33
	82265	9.5-10.0	0.5 m	100	Several to 15 mm wide brecciated milky quartz veins, trending 70° to core axis, limonite and dendritic Mn-oxide coating fractures.	.5	33	28	219
	82266	10.0-10.5	0.5 m	100	Partly crumbly core, abundant dendritic Mn-oxide and lesser limonite on fractures, rare quartz veining.	.1	38	37	38
	82267	10.5-11.0	0.5 m	100		.1	1	28	24
	82268	11.0-11.5	0.5 m	100	Rare milky quartz-felspar veinlets, to 5 mm wide, trending 70° to core axis, vuggy, abundant hematite in fractures and selvedges of quartz veins.	.1	120 Assay .11 g/t	85	534
	82269	11.5-11.8	0.3 m	100	Quartz-feldspar breccia, it forms about 80% of this interval, heavily limonitized, vuggy, pyrite and hematite encrust cavities, host rock is sericitized and sheared siltstone.	1.7	10060 Assay 9.29 g/t	100	321
	82270	11.8-12.2	0.4 m	100	Three milky quartz and quartz-feldspar veins, 0.5 to 4 cm wide, trending 70-75° to core axis, veins are typically vuggy with pyrite, hematite and limonite infillings, locally 2-3% pyrite as fine disseminations in bleached siltstone over narrow, to 5 cm widths.	2.2	2630 Assay 3.03 g/t	895	1009
	82271	12.2-12.8	0.6 m	100		.2	140 Assay .08 g/t	125	299
	82272	12.8-13.2	0.4 m	100	Heavily fractured interval, abundant limonite, Mn-oxide and lesser hematite network of fractures, very rare milky quartz veining, trace pyrite disseminations and blebs.	.1	64 Assay 0.4 g/t	93	140
	82273	13.2-13.7	0.5 m	100	At 13.75-13.85 m, two brecciated milky to grey quartz veins, 1 cm wide and trending 75° to core axis, limonite and hematite fill microfractures, rare pyrite blebs, siltstone is intensely sheared and sericitized, trend is 70° to core axis.	.1	25 Assay .05 g/t	62	800

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
1.5-22.9m	Cont'd								
				Recovery %					
		13.2-13.7	0.5 m	100	Rare quartz lenses are present in areas of shearing and intense limonitization.				
	82274	13.7-13.9	0.2 m	100	Milky quartz breccia, vuggy, hematite and limonite encrust vugs and fill micro-fractures.	8.2	53600 Assay 57.21 g/t	243	862
	82275	13.9-14.2	0.3 m	100	Intensely brecciated interval with limonite filling fractures, limonitized quartz breccia at 13.9-13.95 m.	.5	3790 Assay 4.03 g/t	386	2105
	82276	14.2-14.4	0.2 m	100	Milky quartz-feldspar breccia hosted by sheared, sericitized siltstone, breccia is vuggy, limonitic and weakly hematitic, trend is 75° to core axis sub-parallel to foliation/shearing.	6.5	11890 Assay 12.87 g/t	217	978
	82277	14.4-14.9	0.5 m	100		.4	59 Assay .03 g/t	118	926
	82278	14.9-15.2	0.3 m	100	Heavily sheared, sericitized siltstone, trend is 70° to core axis, some quartz-feldspar veining at 70-75° to core axis, veins are vuggy and brecciated, limonite and hematite alteration. 2-3% rusty specks after pyrite adjacent to quartz veins and lenses. Mn-oxide and limonite coating fractures.	.1	35	78	453
	82279	15.2-15.7	0.5 m	100	Part of this interval is intensely sheared at 75° to core axis, abundant limonite, Mn-oxide on open fractures.	.2	4	142	761
	82280	15.7-16.2	0.5 m	100	The same as 15.2-15.7 m.	.1	12	148	835
	82281	16.2-16.7	0.5 m	100	The same as 15.2-15.7 m.	.1	11	134	593
	82282	16.7-17.3	0.6 m	100	Sheared grey siltstone, trend is 60° to core axis, rusty stained hairline fractures parallel to foliation.	.1	14	214	1704
	82283	17.3-17.8	0.5 m	100		.1	14	78	809
	82284	17.8-18.3	0.5 m	100		.1	24	37	46
	82285	18.3-18.8	0.5 m	100	At 18.5 m, 1-2 cm wide, vuggy quartz vein trend is 70° to core axis, it is vuggy and pyritiferous, hematite in cavities.	.1	2	57	76
	82286	18.8-19.3	0.5 m	100	Irregular milky quartz lenses and pods in chloritized siltstone, 0.5-1% pyrite as fine disseminations, blebs and micro-fracture fillings.	.1	5	9	2
	82287	19.3-19.8	0.5 m	100	Rare, randomly oriented milky quartz veining, hairline to 0.4 cm wide.	.1	2	12	3
	82288	19.8-20.3	0.5 m	100		.1	40	6	13
	82289	20.3-20.5	0.2 m	100	10 cm wide brecciated quartz-feldspar vein, trend is 75-80° to core axis, vuggy, hematite and pyrite encrusting vugs.	.2	5	24	78
	82290	20.5-21.0	0.5 m	100	At least five quartz-feldspar veins and lenses, hairline to 2 cm wide, vuggy pyritiferous, hematite and limonite alteration, 1-3% pyrite disseminations in host siltstone.	.1	15	32	21
	82291	21.0-21.5	0.5 m	100	Rare hairline, vuggy, rusty stained quartz veinlets, randomly oriented.	.1	37	34	6
	82292	21.5-21.9	0.4 m	100	The same as 21.0-21.5 m.	.1	16	22	11

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
1.5-22.9m	Cont'd								
				Recovery %					
	82293	21.9-22.0	0.1 m	100	6 cm wide, vuggy, milky quartz breccia, abundant pyrite encrusting vugs and filling microfractures together with hematite.	.4	230	15	116
	82294	22.0-22.5	0.5 m	100		.1	37	205	12
	82295	22.5-22.9	0.4 m	100		.1	17	1	6
22.9m	END OF HOLE								

P. Kl

COMMENCED: October 18, 1990
COMPLETED: October 18, 1990
LOGGED BY: D. Duba
DATE LOGGED: October 19, 1990

DISTRICT: Ft. Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 1991N, 2977E
ELEV.: 1881 m

COLLAR DIP: -45°
BEARING: 120° AZ
LENGTH: 30.5 m
CORE SIZE: NQ-2
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION	ANALYSIS Ag	Au	Cu	Pb
0-5.4m	CASING - Overburden				
5.4-30.5m	ALTERED SILTSTONE AND QUARTZITE Medium grey to locally bleached to pale grey and discolored to orange brown and dark brown, intensely brecciated and altered. Siltstone is well laminated to thinly bedded, trend is on average 70-80° to core axis. Fracturing and brecciation is intense. Dominant attitudes are 30-40 and 70-80° to core axis. It has commonly random orientation in areas of quartz veining and mineralization. Foliation is locally intense and it subparallels the bedding at 70-85° to core axis. Siltstone is intercalated with thinly bedded, fine grained quartzite. Alteration and mineralization: Siltstone and quartzite are typically hard and bleached due to pervasive silicification. Abundant limonite and lesser Mn-oxide and hematite occur infilling fractures and coating open fracture surfaces. Milky quartz and quartz-feldspar veins and breccia are ubiquitous. They range in widths from hairline to 10 cm and typically trend subparallel to foliation at 60-85° to core axis. Veins are commonly vuggy and brecciated with limonite, hematite and pyrite encrusting vugs and filling microfractures. Pyrite also occurs as fine disseminations, blebs and microfracture fillings in altered siltstone and quartzite, on average 1-2%. Below 22.5 m, siltstone and interbedded quartzite are not that strongly altered and brecciated, and rusty brown oxidation is less common. Quartz veining is present but not as abundantly as from 5.4 to 22.5 m.				

Sample	Sampling		Recovery %	Description	Ag	Au	Cu	Pb
82296	5.4-5.9	0.5 m	100	Intensely brecciated, abundant randomly orientated vuggy, milky quartz-feldspar and quartz veinlets, hairline to 1.5 cm wide, limonite and lesser hematite alteration, last 10 cm extremely crumbly, limonitized core.	.1	41	12	24
82297	5.9-6.4	0.5 m	100	Brecciated with abundant limonite and Mn-oxide coating fractures, some hairline quartz veinlets, randomly oriented.	.2	39	15	12
82298	6.4-6.9	0.5 m	100	Well foliated siltstone, trend of foliation is at 80-85° to core axis, abundant limonite and lesser hematite and Mn-oxide on fractures.	.3	13	37	45
82299	6.9-7.4	0.5 m	100	The same as 6.4-6.9 m.	.3	34	47	40
82300	7.4-7.9	0.5 m	100	Very rare to 2 mm wide quartz veinlets.	.1	18	36	21
82501	7.9-8.4	0.5 m	100		.3	21	27	8
82502	8.4-8.9	0.5 m	100	Poorly competent core last 30 cm of this interval, it consists of brecciated, milky quartz, heavily limonitized, dark brown Mn-oxide coating fractures.	.3	150	42	17
82503	8.9-9.4	0.5 m	100	Poorly competent core, intensely bleached, abundant randomly oriented, narrow milky quartz veinlets, vuggy, limonitic, Mn-oxide and limonite coat fracture surfaces.	.1	140	18	11
82504	9.4-9.9	0.5 m	95	Abundant hairline to 3 cm wide quartz veinlets and quartz breccia, vuggy and Fe-oxide altered.	.5	65	19	45
82505	9.9-10.4	0.5 m	100	Rare quartz veining, intense limonitization and hematization.	.5	330	38	27
82506	10.4-10.9	0.5 m	100	Abundant, randomly oriented, milky quartz veins and masses, vuggy, hematite and limonite alteration, dendritic Mn-oxide and limonite on fractures.	.6	350	170	12

FOOTAGE FROM TO	DESCRIPTION			Recovery %		ANALYSIS Ag	Au	Cu	Pb
5.4-30.5m	Cont'd			Recovery %					
	82507	10.9-11.4	0.5 m	100	The same as 10.4-10.9 m.	.1	81	89	15
	82508	11.4-11.9	0.5 m	100	Abundant vuggy, milky quartz veins and irregular masses, veins are hairline to 1 cm wide, pyrite, hematite and lesser limonite encrust vugs, trend is 45-55 and 70-80° to core axis.	1.8	160	45	194
	82509	11.9-12.4	0.5 m	100		.6	110	100	23
	82510	12.4-12.9	0.5 m	100	Abundant, randomly oriented, milky quartz veins, hairline to 1 cm wide, vuggy, limonitic, abundant Mn-oxide and limonite coating fractures.	.1	170	95	18
	82511	12.9-13.3	0.4 m	100	Several foliation parallel quartz veinlets, to 7 mm wide, trend is 75° to core axis.	.1	120	43	14
	82512	13.3-13.6	0.3 m	100	Intensely brecciated and limonitized interval, some randomly oriented hairline quartz in fractures; two foliation parallel, (80° to core axis), vuggy, milky quartz-feldspar veins, 0.5 to 1 cm wide, limonite and lesser dark brown mineral, Mn-oxide encrust vugs, 1-3% pyrite disseminations in host siltstone.	.5	36	36	39
	82513	13.6-14.1	0.5 m	100	Well foliated, laminated siltstone, foliation/bedding is at 70° to core axis, limonite and lesser hematite filling fractures, 1% pyrite as fine disseminations and blebs elongated to foliation.	.2	63	120	11
	82514	14.1-14.6	0.5 m	100	The same as 13.6-14.1 m.	.3	12	394	104
	82515	14.6-15.1	0.5 m	100		.2	4	53	23
	82516	15.1-15.5	0.4 m	100	Heavily brecciated interval, intense fracture controlled limonitization and Fe-carbonatization?, some milky quartz masses.	.5	45	67	25
	82517	15.5-15.7	0.2 m	100	Milky quartz breccia in heavily brecciated, limonitized and Fe-carbonatized? siltstone.	.3	33	43	37
						Assay .17 g/t			
	82518	15.7-15.9	0.2 m	100	The same as 15.5-15.7, quartz is less abundant.	.3	340	45	18
						Assay .38 g/t			
	82519	15.9-16.3	0.4 m	100	Extremely broken-up, rubbly core from a shear zone? abundant quartz as masses, irregular, heavily Fe-oxidized.	.6	2960	82	81
						Assay 2.77 g/t			
	82520	16.3-16.8	0.5 m	100	Rare milky quartz lenses in sheared, sericitized siltstone, trend is 80° to core axis.	.4	24	101	40
						Assay .01 g/t			
	82521	16.8-17.3	0.5 m	100	At 16.9 m, 1 cm wide milky quartz vein trending parallel to foliation at 80° to core axis, vuggy, limonitic, hematite in selvedges	.1	16	62	22
						Assay .02 g/t			
	82522	17.3-17.8	0.5 m	100		.1	27	87	58
						Assay .03 g/t			
	82523	17.8-18.1	0.3 m	100	Heavily brecciated and limonitized interval, several milky quartz veinlets, trending at 60-75° to core axis, vuggy, brecciated, limonitic.	.8	24	105	407
						Assay .06 g/t			
	82524	18.1-18.4	0.3	100	Quartz-matrix breccia, intense limonite, hematite and lesser dark brown, Mn-oxide alteration.	1.3	320	150	723
						Assay .42 g/t			
	82525	18.4-18.8	0.4 m	100	The same as 18.1-18.4, 3 cm wide milky quartz vein trending at 75° to core axis at 18.7 m.	.1	330	211	592
						Assay .30 g/t			
	82526	18.8-19.4	0.6 m	40	Extremely broken-up, rubbly core, very poor core recovery, shear zone? Some milky quartz	.4	400	287	1329
						Assay .55 g/t			
	82527	19.4-19.8	0.4 m	95	Abundant brecciated quartz veinlets, hairline to 2 cm wide, bigger veins trend parallel to foliation at 75° to core axis.	.2	190	370	1107
						Assay .18 g/t			

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
5.4-30.5m	Cont'd								
				Recovery %					
	82528	19.8-20.3	0.5 m	75	Rubbly core from 19.8-20.0, shear zone, 50% core recovery, intensely sheared, sericitized siltstone, foliation planes are kinked, average trend is 50° to core axis, milky quartz veining at 20.25-20.3 m, to 1% pyrite as disseminations and hairline veinlets parallel to foliation, limonite on fractures.	.6	61	251	1883
	82529	20.3-21.0	0.7 m	100		.1	60	200	190
	82530	21.0-21.3	0.3 m	100	Quart-matrix breccia at 21.0-21.1, intense limonitic alteration, rare hematite, abundant quartz-feldspar veining at 21.2-21.3, veins are 0.2 to 2 cm wide, trending 50° to core axis, vuggy, limonite and pyrite encrust cavities, bright green mineral is present.	.1	13	114	337
	82531	21.3-21.5	0.2 m	100		.2	28	166	287
	82532	21.5-22.0	0.5 m	100		.1	6	23	6
	82533	22.0-22.5	0.5 m	100	Abundant milky quartz veining at 22.0-22.25 and at 22.45 m, veins are typically vuggy and Fe-oxidized, 2-5% pyrite as fine disseminations and microfracture fillings in host siltstone, limonite on fracture surfaces.	.1	8	21	71
	82534	22.5-23.0	0.5 m	100	Swirling milky quartz veinlets at 22.9-23.0 m	.1	8	12	52
	82535	23.0-23.5	0.5 m	100	Swirling and linear quartz and quartz-feldspar veins occur throughout this interval, hairline to 1 cm wide, trend is 60° to core axis, they are commonly vuggy, abundant pyrite and lesser hematite fill vugs.	.1	17	4	35
	82536	23.5-24.0	0.5 m	100	Extremely rusty, sheared siltstone at 23.5-23.6 m, some milky quartz veining, pyrite-rich, presence of bright green mineral in quartz vein.	.1	19	9	43
	82537	24.0-24.5	0.5 m	100		.1	13	14	14
	82538	24.5-25.0	0.5 m	100		.1	2	16	22
	82539	25.0-25.5	0.5 m	100	At 25.5 m, 4 cm wide, vuggy quartz vein, trending 65° to core axis, abundant hematite and limonite encrusting vugs.	1.6	13	12	224
	82540	25.5-27.0	1.5 m	100	At 26.9 milky quartz veinlets, vuggy, pyritiferous and limonitic.	.1	5	23	74
	82541	27.0-28.0	1.0 m	100	Some vuggy milky quartz veining, 1-2% pyrite as disseminations, blebs and microfracture fillings.	.1	6	13	10
	82542	28.0-29.0	1.0 m	100	Rare hairline to 2 mm wide, vuggy quartz veinlets with bright green mineral, pyrite encrusting vugs and in selvedges.	.1	16	14	14
	82543	29.0-29.7	0.7 m	100	At 29.4 m, 1 cm wide, quartz-feldspar vein with rare bright green mineral, trend is 80° to core axis, pyrite in the selvedges, trace to 1% pyrite.	.1	7	15	34
	82544	29.7-30.5	0.8 m	100	At 29.9-30.1 m, abundant chlorite-rich patches and blebs, moderately brecciated with Fe-oxides and chlorite coating fractures, trace to 0.3% pyrite.	.1	3	15	65
30.5m	END OF HOLE								

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COMMENCED:
COMPLETED:
LOGGED BY: D. Duba
DATE LOGGED: October 20, 1990

DISTRICT: Ft. Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 1991N, 2977E
ELEV.: 1881 m

COLLAR DIP: -65°
BEARING: 120° Az
LENGTH: 32.0 m
CORE SIZE: NQ
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
0-4.6m	CASING - Overburden								
4.6-32.0m	ALTERED SILTSTONE AND QUARTZITE Medium grey to locally bleached pale grey, often discolored to orange and dark brown, commonly intensely brecciated and fractured. Siltstone is well laminated to thinly bedded and locally intensely foliated. It is intercalated with more massive, fine grained, thinly bedded quartzite. Attitude of bedding and roughly parallel foliation/shearing is variable, from 50 to 70° to core axis. Fracturing and brecciation is typically intense. Attitudes range from 30 to 80° to core axis and average 50-60° to core axis. Alteration and mineralization: Milky quartz and quartz-feldspar veins, lenses and breccia occur throughout the length of the hole. They range in widths from hairline to 30 cm. Veins commonly trend subparallel to parallel to foliation, are vuggy, brecciated and contain pyrite, galena and Fe-oxides in vugs and as microfracture fillings. Siltstone and quartzite are commonly hard and bleached due to pervasive silicification. Siltstone is sericitized and argillized in intensely sheared areas. On average 1% pyrite occurs as fine disseminations, blebs stretched to foliation and microfracture fillings. Abundant limonite and lesser Mn-oxide and hematite coat fracture surfaces. Below 29.0 m, siltstone and quartzite are less altered and brecciated. Rusty brown oxidation and quartz veining is not that common.								
		Sampling		Recovery %					
	82546	4.6-5.2	0.6 m	65		.1	14	10	82
	82547	5.2-5.8	0.6 m	90	Poorly competent, locally rubbly core, hairline to 4 mm wide milky quartz veinlets, randomly oriented, abundant Mn-oxide and lesser limonite on fractures.	.1	12	13	223
	82548	5.8-6.3	0.5 m	90		.1	3	9	26
	82549	6.3-6.8	0.5 m	100		.1	17	16	55
	82550	6.8-7.3	0.5 m	90	Well foliated/sheared and sericitized siltstone over narrow widths, trend is 40-50° to core axis, several to 3 mm wide grey quartz veinlets, vuggy, limonitic and hematitic, limonite, hematite and Mn-oxidized coat fractures.	.5	4	28	245
	82551	7.3-7.8	0.5 m	90	Abundant randomly oriented hairline quartz veinlets, Fe-oxidized, vuggy.	.3	13	7	68
	82552	7.8-8.2	0.4 m	100	The same as 7.3-7.8 m, widths of veinlets vary from hairline to 3 mm.	.2	82	9	22
	82553	8.2-8.8	0.6 m	90	From 8.2 to 8.4 extremely shattered core-shear zone, trend is 50-60° to core axis, the rest of this interval consist of intensely sheared, heavily limonitized siltstone, rare milky quartz lenses.	.1	32	39	26
	82554	8.8-9.3	0.5 m	100	Sericitized, sheared siltstone, trend is 60-70° to core axis, to 0.5% pyrite as fine disseminations and microfracture fillings, limonite and hematite coating fractures.	.1	43	31	11
	82555	9.3-9.8	0.5 m	100	The same as 8.8-9.3 m, abundant dendritic Mn-oxide on fracture surfaces.	.1	50	31	7
	82556	9.8-10.3	0.5 m	85	Poorly competent core.	.1	41	42	12
	82557	10.3-10.8	0.5 m	60	Broken-up and shattered core over 50% of this interval, intense limonite, hematite and Mn-oxide alteration.	.1	59	48	26

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
4.6-32.0m	Cont'd								
				Recovery %					
	82558	10.8-11.3	0.5 m	100	Rare vuggy, milky quartz veining, hair-line widths, trend is 75° to core axis.	.1	129	25	6
	82559	11.3-11.8	0.5 m	100		.1	48	28	7
	82560	11.8-12.3	0.5 m	100	At 12.1 m, 1 cm wide milky quartz, trend is 55° to core axis, vein is brecciated, vuggy, limonite and hematite encrust vugs, to 1% pyrite as fine disseminations in host sheared siltstone, several 1-2 mm wide quartz veinlets, trending 75 to 80° to core axis, these are offset by structure trending at 55° to core axis.	.2	490 Assay .38 g/t	26	19
	82561	12.3-12.8	0.5 m	100	Some randomly oriented, hairline quartz veinlets.	.1	150 Assay .16 g/t	28	9
	82562	12.8-13.0	0.2 m	100	7 cm wide quartz breccia, trend is 55-65° to core axis, vuggy, limonitic and hematitic.	.2	2810 Assay 2.38 g/t	45	12
	82563	13.0-13.3	0.3 m	100	Abundant quartz veining, hairline to 1 cm wide, trending commonly 55-80° to core axis, vuggy, Fe-oxidized.	.3	2490 Assay 2.33 g/t	45	34
	82564	13.3-13.8	0.5 m	100	Abundant milky quartz-feldspar veinlets and irregular masses, pyritiferous and Fe-oxidized, veinlets trend on average 60-85° to core axis.	.1	129 Assay .07 g/t	39	19
	82565	13.8-14.3	0.5 m	100	intense Mn-oxide alteration, abundant hairline quartz veining, randomly oriented, vuggy, limonitic.	.2	240 Assay .21 g/t	60	41
	82566	14.3-14.8	0.5 m	100	Part of this interval consists of sheared sericitized siltstone, trend is 55° to core axis, rare foliation parallel quartz veining, some quartz lenses, intense limonitization.	.2	270 Assay .26 g/t	30	16
	82567	14.8-15.3	0.5 m	100	The same as 14.3-14.8 m, abundant Mn-oxide coating open fractures.	.2	220 Assay .18 g/t	62	47
	82568	15.3-15.7	0.4 m	100	Abundant hairline to 2 mm wide quartz stringers, limonitic, randomly oriented.	.1	129 Assay .09 g/t	24	16
	82569	15.7-16.0	0.3 m	100	Heavily Fe-oxidized quartz-feldspar matrix breccia, abundant limonite, hematite and Mn-oxide on open fractures, these trend 60° to core axis.	.2	680 Assay .65 g/t	27	76
	82570	16.0-16.5	0.5 m	100	Abundant hairline to 2 mm wide, in part randomly oriented quartz stringers, some trend 55-60° to core axis, vuggy, Fe-oxidized.	.4	660 Assay .58 g/t	51	29
	82571	16.5-16.9	0.4 m	75	Intensely bleached and brecciated siltstone, milky quartz veins and lenses hairline to 8 mm wide, vuggy, limonite and hematite fill cavities.	.3	143 Assay .11 g/t	46	100
	82572	16.9-17.1	0.2 m	100	Quartz-matrix breccia, heavily limonitized.	.2	87	27	12
	82573	17.1-17.6	0.5 m	90	From 17.1-17.4 m, random network of limonitized hairline quartz stringers, last 20 cm of the core, heavily broken-up, abundant Mn-oxide on fractures.	.1	83	63	40
	82574	17.6-18.1	0.5 m	100	Sheared and sericitized siltstone, well laminated, trend of bedding/shearing is at 65-70° to core axis, abundant Fe-oxide alteration, rare foliation parallel quartz veining, 3-5% pyrite.	.1	590	76	34
	82575	18.1-18.6	0.5 m	100	The same as 17.6-18.1 m.	.1	3	45	13

FOOTAGE FROM TO	DESCRIPTION			Recovery %		ANALYSIS Ag	Au	Cu	Pb
4.6-32.0m	Cont'd								
	82576	18.6-19.1	0.5 m	100	Sheared, sericitized siltstone to 18.8 m, below more massive with abundant hairline to 5 mm wide, randomly oriented quartz-feldspar stringers, vuggy, limonitic.	.1	1	145	19
	82577	19.1-19.6	0.5 m	100	Abundant randomly oriented quartz and quartz-feldspar veinlets, hairline to 4 mm wide, they are commonly vuggy, Fe-oxidized and some contain trace pyrite and galena.	.4	64	54	203
	82578	19.6-20.1	0.5 m	100	At 20.05-21.0 m intensely limonitized quartz breccia. At 19.8 m, 0.8 cm wide quartz-feldspar vein, vuggy, euhedral pyrite and rare galena in selvedges and encrusting vugs, trend is 55° to core axis.	.1	48	69	75
	82579	20.1-20.6	0.5 m	100		.2	31	210	12
	82580	20.6-21.1	0.5 m	100	At 20.7 m, 1 cm wide milky quartz vein trending 55° to core axis, euhedral pyrite in vugs and selvedges of the vein.	.1	41	50	11
	82581	21.1-21.6	0.5 m	100	Intensely bleached, silicified siltstone	.1	93	117	25
							Assay .15 g/t		
	82582	21.6-22.1	0.5 m	80	Poorly competent core, abundant hairline quartz veinlets, randomly oriented, fracture controlled Fe-oxide and dendritic Mn-oxide alteration.	.2	450	135	94
							Assay .36 g/t		
	82583	22.1-22.5	0.4 m	80	The same as 21.6-22.1 m, quartz veins are to 3 cm wide.	.2	3640	158	195
							Assay 3.99 g/t		
	82584	22.5-22.9	0.4 m	100	Brecciated milky quartz vein and quartz-matrix breccia, hematite and limonite fill vugs and microfractures.	.1	1770	38	502
							Assay 1.87 g/t		
	82585	22.9-23.1	0.2 m	100	Quartz-matrix breccia, abundant limonite and lesser hematite filling fractures, heavily bleached, chalky (argillized) host rock, 3-5% fine pyrite disseminations and trace galena in quartz	.1	760	25	301
							Assay .85 g/t		
	82586	23.1-23.5	0.4 m	100	Intensely sericitzed and argillized siltstone, it is sheared at 50° to core axis, abundant milky quartz veins and lenses paralleling foliation at 50° to core axis, with pyrite disseminations and pyrite and galena blebs, limonite coated fracture surfaces.	4.9	24300	1488	7115
							Assay 20.92 g/t		
	82587	23.5-24.0	0.5 m	100	23.5-23.8 Highly silicified, more massive interval, to 2% pyrite disseminations, some narrow milky quartz veinlets, limonite coating fracture surfaces.				
					23.8-24.0 The same as 23.1-23.5 m, foliation/ shearing trends at 55-60° to core axis.	2.2	7350	291	4930
							Assay 7.41 g/t		
	82588	24.0-24.3	0.3 m	100	The same as 23.5-23.8 m.	.3	110	64	1150
							Assay .20 g/t		
	82589	24.3-24.6	0.3 m	100	Brecciated interval, limonite and Mn-oxide healing fractures.	.3	47	38	282
							Assay .04 g/t		
	82590	24.6-25.1	0.5 m	100	Sericitized, sheared siltstone, rare foliation parallel quartz veining, 1-2% pyrite disseminations, blebs and micro-fracture fillings in host siltstone, foliation trends at 55° to core axis.	.1	15	40	88

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
4.6-32.0m	Cont'd								
				Recovery %					
	82591	25.1-25.6	0.5 m	100	Poorly competent core, intensely sheared, sericitized, rare quartz veining, pyrite and galena in cavities and selvedges of the veins.	.2	6	62	260
	82592	25.6-26.1	0.5 m	100	Some quartz veining, 2 to 35 mm wide, trending 60-65° to core axis, veins are vuggy, Fe-oxidized, contain pyrite in vugs and rare bright green material, 2-3% pyrite disseminations in adjacent host rock.	.1	2	23	38
	82593	26.1-26.6	0.5 m	100	At 26.5 m, 6 cm wide vuggy, milky quartz breccia, with abundant pyrite in vugs and filling microfractures, lesser limonite, hairline to 3 mm wide, swirling and linear quartz veinlets, vuggy, pyritiferous.	.1	1	7	5
	82594	26.6-27.1	0.5 m	100	Several 0.5-1 cm wide milky quartz veinlets, trending at 65° to core axis, vuggy, limonitized, also randomly oriented, hairline to 2 mm wide quartz veining.	.1	4	14	33
	82595	27.1-27.6	0.5 m	100		.1	3	13	28
	82596	27.6-28.0	0.4 m	100	Narrow, vuggy quartz vein at 27.8 m, pyritiferous and Fe-oxidized.	.1	3	9	125
	82597	28.0-28.5	0.5 m	100	Randomly oriented, hairline to 7 mm wide milky quartz veinlets, fairly abundant, contain pyrite, galena and rarely bright green mineral.	1.9	1	8	522
	82598	28.5-28.8	0.3 m	100	Limonitized, vuggy quartz breccia, pyrite galena and hematite encrusting cavities.	12.1	6	11	414
	82599	28.8-29.6	0.8 m	60	2.5 cm wide quartz breccia at 29.4 m, vuggy, Fe-oxidized, contains pyrite and galena.	.1	11	8	315
	82600	29.6-30.3	0.7 m	100		.1	2	14	29
	82601	30.3-31.0	0.7 m	100	Rare quartz veining trending parallel to foliation at 65° to core axis, these are vuggy and pyritiferous.	.1	1	38	28
	82602	31.0-32.0	1.0 m	100	Poorly competent core over part of this interval, limonite, hematite and Mn-oxide coat fracture surfaces, to 1% pyrite.	.2	1	92	102
32.0m	END OF HOLE								

P. W.

COMMENCED: October 19, 1990
COMPLETED: October 20, 1990
LOGGED BY: D. Duba
DATE LOGGED: October 23, 1990

DISTRICT: Fort Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 2087N, 2995E
ELEV.: 1891 m

COLLAR DIP: -45°
BEARING: 120° Az
LENGTH: 22.9 m
CORE SIZE: NQ-2
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
0-1.5m	CASING - Overburden								
1.5-2.5m	GABBRO (Probable Overburden) Dark green, medium grained, non-magnetic. Poorly competent, mashy core over more than 50% of this interval, brecciated and sheared? contact to siltstone and quartzite: From 2.3-2.5 m gabbro - siltstone breccia.								
		Sampling		Recovery %					
	82603	1.5-2.5	1.0 m	90	Mashy and rubbly core over more than 50% of this interval, gabbro, from 2.3-2.5 gabbro-siltstone breccia.	.3	11	186	36
2.5-22.9m	ALTERED SILTSTONE AND QUARTZITE Medium grey, bleached to pale gray and greenish grey, discolored to orange brown, intensely altered and brecciated. Siltstone is thinly bedded to laminated and locally intensely sheared, especially in zones of quartz veining. It is intercalated with massive, thinly bedded, fine grained quartzite. Attitudes of bedding and roughly parallel foliation/ shearing is at 60-70° to core axis. Fracturing is typically intense and often randomly oriented. Some of the attitudes are 40-45° and 60-70° to core axis. Alteration and mineral-ization: Siltstone and quartzite are typically hard, bleached to pale grey due to pervasive silicification. Numerous milky quartz veins, lenses and breccia cut the host sediments, commonly along and subparallel to foliation at 60 to 70° to core axis. They range in width from hairline to 40 cm. In heavily brecciated areas, quartz veinlets are narrow, hairline to 3 mm wide and randomly oriented. Veins are typically brecciated, vuggy and heavily Fe-oxidized. They may contain feldspar, pyrite and galena in vugs, microfractures and selvedges. Pyrite also occurs as fine disseminations and micro-fracture fillings in siltstone and quartzite. From 2.5-7.6 m, sheared/faulted contact zone to overlying gabbro.								
				Recovery %					
	82604	2.5-3.0	0.5 m	90	Extremely crushed, mashy core, shear/ fault zone, sericitized and intensely limonitized siltstone.	.1	4	30	68
	82605	3.0-3.5	0.5 m	90	Broken-up core, poorly competent but more competent than above 2.5-3.0m, fine grained quartzite, abundant Mn-oxide and limonite on fractures.	.1	3	28	74
	82606	3.5-4.0	0.5 m	90	Extremely crushed core, some quartz-feldspar rubble, sericitized, limonitized siltstone-shear zone.	.1	16	28	56
	82607	4.0-4.5	0.5 m	90	Mashy core, heavily Fe-oxidized - shear zone.	.1	4	32	58
	82608	4.5-5.0	0.5 m	90	The same as 4-4.5 m.	.1	15	32	69
	82609	5.0-5.5	0.5 m	70	The same as 4-4.5, intensely sericitized siltstone - shear/fault zone.	.1	12	26	47
	82610	5.5-6.0	0.5 m	100	Mashy, extremely crushed core over part of this interval, thinly bedded, well foliated, sheared siltstone, trend is 75° to core axis.	.1	10	39	41
	82611	6.0-6.5	0.5 m	100	The same as 5.5-6.0 m.	.1	5	44	39
	82612	6.5-7.0	0.5 m	100	The same as 5.5-6.0 m.	.1	4	30	23
	82613	7.0-7.5	0.5 m	100	Extremely crushed and rubbly core, limonite and Mn-oxide alteration on fractures.	.3	8	32	36

FOOTAGE FROM TO	Sample	Interval	Length	Recovery %	DESCRIPTION	Ag	Au	Cu	Pb
2.5-22.9m	Cont'd								
	82614	7.5-8.0	0.5 m	100	Poorly competent, broken-up core, not as mashy as above intervals, abundant Mn-oxide and limonite on fractures, lower contact of the shear/fault zone is at 7.6 meters.	.2	5	27	27
	82615	8.0-8.5	0.5 m	100	Poorly competent core, rare, to 3 cm wide grey quartz veinlets, vuggy, Fe-oxidized.	.1	5	13	14
	82616	8.5-9.0	0.5 m	100	Heavily bleached and brecciated interval, mashy and crumbly core over 20% of this interval, intense fracture controlled limonitization, some randomly oriented hairline quartz veinlets, 6 cm wide quartz breccia at 8.9 m, limonite and hematite alteration.	.3	12	12	29
	82617	9.0-9.5	0.5 m	100	Extremely broken-up core at 9.0 to 9.15m, the rest of the interval is intensely bleached and brecciated, abundant limonite, dendritic Mn-oxide and lesser hematite alteration, rare hairline quartz veining, rusty specks after pyrite.	.3	22	25	171
	82618	9.5-10.0	0.5 m	100	Poorly competent core, some hairline quartz veinlets, randomly oriented.	.3	29	16	166
	82619	10.0-10.5	0.5 m	100	The same as 9.5-10.0m.	.3	37	16	333
	82620	10.5-11.0	0.5 m	100	Sericitized and sheared siltstone, trend is 60° to core axis, intense limonitization and lesser hematization.	.3	18	52	178
	82621	11.0-11.5	0.5 m	100	Extremely crushed, mashy core at 11-11.2 m, limonite, Mn-oxide and hematite coating fracture.	.3	25	54	90
	82622	11.5-12.0	0.5 m	100	Heavily limonitized, vuggy quartz breccia at 11.7 m, trend is 60-65° to core axis, some hairline, randomly oriented, Fe-oxidized quartz veining.	.3	34	73	143
	82623	12.0-12.5	0.5 m	100	Poorly competent core, sericitized, sheared siltstone, trend is 65° to core axis, intense limonitization.	.1	28	101	282
	82624	12.5-13.0	0.5 m	100	The same as above 12.0-12.5 m.	.2	25	75	156
	82625	13.0-13.6	0.6 m	100	Vuggy, milky quartz breccia at 13.0-13.07 m, bleached, intensely brecciated, Fe-oxidized, hairline to 2 mm wide quartz stringers, some are randomly oriented and others trend at 65° to core axis, poorly competent, rubbly core from 13.4-13.6 m, abundant dendritic Mn-oxide alteration.	.1	56	74	219
	82626	13.6-14.0	0.4 m	100	Vuggy, heavily limonitized quartz breccia in intensely sheared, sericitized siltstone, trend is 60-65° to core axis.	.7	130 Assay .12 g/t	277	1294
	82627	14.0-14.5	0.5 m	100	Heavily sheared, sericitized siltstone, abundant quartz masses at 14.3-14.5 m, vuggy, brecciated, Fe-oxidized.	2.4	11900 Assay 12.33 g/t	442	1038
	82628	14.5-14.7	0.2 m	100	Limonitized, milky quartz breccia, lesser hematite in vugs and microfractures.	5.1	950 Assay 1.25 g/t	184	1285
	82629	14.7-15.2	0.5 m	100	Intensely bleached and limonitized interval, abundant randomly oriented hairline quartz veinlets, at 15 m, 8 cm wide milky quartz-feldspar breccia, vuggy, Fe-oxidized.	3.0	430 Assay .37 g/t	198	899

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
2.5-22.9m	Cont'd								
				Recovery %					
	82630	15.2-15.7	0.5 m	100	Heavily brecciated and limonitized interval, abundant vuggy quartz veinlets, and breccia, hairline to 1 cm wide, some trend parallel to foliation at 70° to core axis.	1.4	110	152	1102
						Assay .10 g/t			
	82631	15.7-16.2	0.5 m	100	Fairly intense brecciation, limonitized and hematized fractures, some hairline randomly oriented quartz veinlets.	.5	43	92	950
						Assay .06 g/t			
	82632	16.2-16.7	0.5 m	100	The same as 15.7-16.2 m, quartz veinlets range in width from hairline to 5 mm.	1.0	69	152	813
	82633	16.7-17.2	0.5 m	100	The same as 15.7-16.2 m, quartz veinlets range in width from hairline to 5 mm.	.3	45	88	518
	82634	17.2-17.7	0.5 m	100	Abundant hairline quartz veinlets, randomly oriented, intense fracture controlled limonitization.	.6	980	97	833
	82635	17.7-18.2	0.5 m	100	Vuggy, Fe-oxidized quartz breccia at 17.7-17.8 m.	.4	370	84	1817
	82636	18.2-18.6	0.4 m	100	Heavily brecciated and limonitized interval, abundant irregular milky masses and hairline veinlets.	.3	78	126	630
	82637	18.6-18.9	0.3 m	100	Mashy and crumbly core, intense sericite, clay and limonite alteration, quartz-feldspar breccia at 18.75 m.	.1	51	87	658
	82638	18.9-19.4	0.5 m	100	Intense bleaching and brecciation, heavy limonitization, some hairline randomly oriented quartz veining.	.1	24	93	518
	82639	19.4-19.8	0.4 m	100	Intensely brecciated and limonitized, abundant quartz-feldspar veining at 19.6-19.8 m, vuggy, limonite and hematite alteration.	.3	90	97	335
	82640	19.8-20.3	0.5 m	100	Abundant hairline to 3 mm wide quartz veinlets at 19.8-20.5 m, the rest of the interval consists of well foliated sheared siltstone, trend is 75° to core axis.	.3	27	70	840
	82641	20.3-20.8	0.5 m	100	Abundant, vuggy, randomly oriented, hairline quartz veinlets, intense limonite and hematite alteration.	.2	98	72	311
	82642	20.8-21.3	0.5 m	100	The same as 20.3-20.8 m, poorly competent core.	.2	73	62	300
	82643	21.3-21.8	0.5 m	100		.2	21	17	101
	82644	21.8-22.3	0.5 m	100	Bleached, pale grey quartzite with 2-3% pyrite disseminations and microfracture fillings, abundant vuggy quartz-feldspar veining, to 1 cm wide, trends are variable 65-85° to core axis, vugs are filled with euhedral pyrite, galena and limonite.	.4	150	29	264
	82645	22.3-22.9	0.6 m	100	Brecciated interval, well foliated/ sheared over narrow width, trend is 70° to core axis, rare randomly oriented hairline veinlets, Fe-oxidized.	.3	27	35	202
22.9m	END OF HOLE								

COMMENCED: October 21, 1990	DISTRICT: Ft. Steele Mining Div.	COLLAR DIP: -70°	TESTS @:
COMPLETED: October 22, 1990	PROPERTY: David - Lew	BEARING: 120° Az	
LOGGED BY: D. Duba	LOCATION:	LENGTH: 29.6 m	
DATE LOGGED: October 22-23, 1990	CO-ORD.: 2087N, 2994E	CORE SIZE: NQ-2	
	ELEV.: 1891 m	% RECOVERY:	ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION
0-3.0m	CASING - Overburden
3.0-29.6m	ALTERED SILTSTONE AND QUARTZITE Medium grey to bleached pale grey, orange brown and dark brown discoloration, intensely brecciated and fractured. Siltstone is thinly bedded to laminated and intercalated with massive, fine grained quartzite. Siltstone is locally intensely sheared with well developed sericite on foliation surfaces. Bedding and roughly parallel foliation/shearing trends at 30-45° to core axis. Brecciation is commonly intense with limonite, hematite and Mn-oxide coating fracture surfaces. It has typically random orientation in areas of quartz veining and mineralization. The trend is variable from 30-60° to core axis. Siltstone and quartzite are hard, bleached to pale grey and buff due to pervasive silicification. Milky quartz veins, lenses and breccia are ubiquitous, but most abundant to a depth of 24.5 m. They are commonly vuggy, brecciated and contain Fe-oxides and pyrite in vugs, microfractures and selvedges. Rarely bright green mineral is present. Pyrite occurs as fine dissemination and blebs in altered siltstone and quartzite; on average 1-2%. Below 24.5 m, chlorite is commonly present on fracture surfaces together with euhedral pyrite.

	Sampling		Recovery %		Ag	Au	Cu	Pb
82646	3.0-3.5	0.5 m	90	Extremely crushed and mashy core, abundant limonite and Mn-oxide alteration.	.1	19	34	122
82647	3.5-4.0	0.5 m	90	Poorly competent, rubbly core, intensely sheared, sericitized siltstone; shear/fault zone.	.1	4	22	26
82648	4.0-4.5	0.5 m	85	Poorly competent, rubbly core, intense limonite and Mn-oxide alteration.	.2	9	25	55
82649	4.5-5.0	0.5 m	90	The same as 4.0-4.5 m, some hairline quartz veining.	.1	13	32	187
82650	5.0-5.5	0.5 m	100	The same as 4.0-4.5 m, some hairline quartz veining.	.1	10	21	79
82651	5.5-6.0	0.5 m	100	Extremely crushed core, intensely Fe-oxidized.	.1	16	25	68
82652	6.0-6.5	0.5 m	100	The same as 5.5-6.0 m, massive bleached quartzite at 6.0-6.25 m, abundant hairline quartz-feldspar veining, randomly oriented.	.1	11	19	36
82653	6.5-7.0	0.5 m	100	The same as 5.5-6.0 m.	.1	7	32	40
82654	7.0-7.5	0.5 m	100		.1	5	28	46
82655	7.5-8.0	0.5 m	100	Rubbly core to 7.6 m, lower contact of the shear/fault zone; sericitized and sheared siltstone, trend is 45° to core axis.	.1	9	31	27
82656	8.0-8.5	0.5 m	100	Well foliated siltstone, trend is 40° to core axis, sericite and limonite on fracture surfaces.	.1	3	36	21
82657	8.5-9.0	0.5 m	100		.1	7	30	24
82658	9.0-9.5	0.5 m	100		.1	1	29	41
82659	9.5-10.0	0.5 m	100	Extremely crushed, mashy core, brecciated, clay alteration - shear/fault zone.	.1	12	32	44
82660	10.0-10.4	0.4 m	100	The same as above 9.5-10.0 m.	.1	5	22	45
	10.4-11.0	0.6 m	100					
82661	11.0-11.3	0.3 m	100		.2	17	23	72
82662	11.3-12.5	1.2 m	40	Rubbly core, very poor recovery; narrow fault zone?	.1	25	19	24
82663	12.5-13.0	0.5 m	100	Abundant hairline to 1 cm wide vuggy, quartz and quartz-feldspar veinlets, randomly oriented, limonitic and hematitic, dendritic Mn-oxide coats fracture surfaces.	.1	14	12	52

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
3.0-29.6m	Cont'd								
				Recovery %					
	82664	13.0-13.5	0.5 m	100	The same as 12.5-13.0 m, veins are to 4 cm wide.	1.0	29	24	454
	82665	13.5-14.0	0.5 m	100	Intensely fractured, some hairline, randomly oriented quartz veining, limonite and dendritic Mn-oxide fill microfractures.	.1	12	39	120
	82666	14.0-14.5	0.5 m	100	Laminated and well foliated/sheared siltstone, trend is 45° to core axis, 0.5% rusty specks and blebs elongated to foliation (after pyrite).	.1	15	54	78
	82667	14.5-15.0	0.5 m	100	Shattered and rubbly core, intense limonite and lesser Mn-oxide alteration.	.1	8	42	56
	82668	15.0-15.5	0.5 m	100	Abundant vuggy, hairline to 5 mm quartz veinlets, commonly trending 70-80° to core axis, limonite and specular hematite in vugs and microfractures.	.1	23	49	52
	82669	15.5-16.0	0.5 m	100	Poorly competent interval, intensely brecciated, some to 2 mm wide quartz veinlets, limonite, hematite and Mn-oxide on fractures.	.1	110	70	91
	82670	16.0-16.5	0.5 m	100	The same as 15.5-16.0 m.	.1	43	69	172
	82671	16.5-17.0	0.5 m	100	Heavily broken-up and brecciated core with clay gouge, limonitized fracture surfaces.	.1	55	83	355
	82672	17.0-17.5	0.5 m	100	Intensely sheared, sericitized siltstone, trend is 30° to core axis, abundant randomly oriented quartz veinlets at 17.2-17.4 m, intense limonitization and hematization.	.1	47	163	909
							Assay .03 g/t		
	82673	17.5-18.0	0.5 m	90	Sheared, sericitized siltstone, 5% rusty specks after pyrite.	.2	2250	288	1473
							Assay 2.15 g/t		
	82674	18.0-18.5	0.5 m	100	Abundant brecciated milky quartz veinlets and lenses in intensely sheared, sericitized siltstone, heavy limonitization and hematization.	7.6	59800	672	4402
							Assay 53.27 g/t		
	82675	18.5-19.0	0.5 m	100	Intensely brecciated and limonitized interval, partly sheared, quartz breccia at 18.75 m with clay and limonite alteration.	1.0	650	330	975
							Assay .63 g/t		
	82676	19.0-19.5	0.5 m	100	Poorly competent core, locally intensely sericitized and sheared, quartz and chalky feldspar-quartz breccia, intense fracture-controlled limonite and hematite alteration.	9.9	1330	362	1610
							Assay 1.56 g/t		
	82677	19.5-20.0	0.5 m	100	Bleached to pale grey and buff, heavily brecciated, some hairline quartz-feldspar veining, randomly oriented, Mn-oxide and limonite alteration.	.7	44	139	1051
							Assay .04 g/t		
	82678	20.0-20.5	0.5 m	100	The same as 19.5-20.0 m, veins are to 5 mm wide.	.3	59	100	599
	82679	20.5-20.9	0.4 m	100	Heavily brecciated, rare hairline, randomly oriented, quartz veinlets.	.3	30	69	449
	82680	20.9-21.2	0.3 m	100	Abundant to 7 mm quartz veins and lenses, brecciated and limonitized, randomly oriented.	.3	56	118	605
	82681	21.2-21.9	0.7 m	100	Poorly competent core from 21.5-21.9 m, abundant Mn-oxide and lesser limonite on fractures, rare quartz veining.	.5	170	94	413
	82682	21.9-22.4	0.5 m	100	Abundant randomly trending milky quartz veins and irregular masses in heavily limonitized quartzite.	.4	120	91	150
	82683	22.4-22.8	0.4 m	100	Abundant hairline to 5 mm wide quartz veinlets at 22.4-22.65 m, trending 50-70° to core axis.	.4	20	52	14
	82684	22.8-23.2	0.4 m	100	Some milky quartz veining, hairline to 2 mm wide, trending at 65-80° to core axis, intensely brecciated and limonitized host rock.	.1	76	46	19

FOOTAGE FROM TO	DESCRIPTION			Recovery %		ANALYSIS Ag	Au	Cu	Pb
3.0-29.6m	Cont'd								
	82685	23.2-24.0	0.8 m	100	Extremely crushed core, sericitized, sheared siltstone.	.1	23	62	17
	82686	24.0-24.3	0.3 m	100	Abundant vuggy, to 1 cm wide, milky quartz veinlets and lenses, the most common trends are 80° to core axis, limonitic.	.1	26	10	10
	82687	24.3-25.0	0.7 m	100	Some randomly oriented hairline to 3 mm wide quartz and quartz-feldspar veinlets, pyritiferous, rare bright green mineral in one of the veins, chlorite and euhedral pyrite on fracture surfaces.	.1	9	12	21
	82688	25.0-25.5	0.5 m	100	The same as 24.3-25.0 m.	.2	20	90	8
	82689	25.5-26.0	0.5 m	100		.1	9	6	4
	82690	26.0-26.5	0.5 m	100		.1	5	6	7
	82691	26.5-27.5	1.0 m	100	Poorly competent, heavily sericitized section at 26.8-27.0 m, locally abundant milky, hairline to 3 mm wide, quartz veinlets, pyrite-rich, commonly trending 60° to core axis, 2-3% pyrite in host siltstone, some Fe-oxidized fracture surfaces.	.1	3	7	8
	82692	27.5-28.5	1.0 m	100	Mottled light and medium grey, bleached interval to 27.9 m, hairline to 2 mm wide quartz veinlets, vuggy, pyritiferous, to 5% pyrite disseminations and blebs in host siltstone.	.1	3	9	7
	82693	28.5-29.6	1.1 m	100	Sericitized, sheared siltstone, locally abundant Fe-oxidation, 1-2% pyrite.	.1	5	17	13
29.6m	END OF HOLE								

COMMENCED: October 23, 1990
COMPLETED: October 23, 1990
LOGGED BY: D. Duba
DATE LOGGED: October 24-25, 1990

DISTRICT: Ft. Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 2109N, 3006E
ELEV.: 1892 m

COLLAR DIP: -45°
BEARING: 122° Az
LENGTH: 45.4 m
CORE SIZE: NQ-2
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION
0-3.0m	CASING - Overburden
3.0-45.4m	ALTERED SILTSTONE AND QUARTZITE

ALTERED SILTSTONE AND QUARTZITE

Medium grey to bleached pale grey, discolored to orange brown and dark brown and intensely brecciated and fractured. Siltstone is typically laminated to thinly bedded, locally heavily sheared with sericite formed on foliation surfaces. It is intercalated with massive, thinly bedded, fine grained quartzite. Attitude of bedding and roughly parallel foliation/shearing is variable from 55-80° and averages 65-75° to core axis. Fracturing and brecciation is intense, randomly oriented in areas of quartz veining and mineralization; attitudes are variable from 15-85° to core axis. The most common trend is 40-50° and 70-80° to core axis. Fractures are healed by limonite, hematite and Mn-oxide. Milky quartz and quartz-feldspar veining is ubiquitous, but it is more abundant to a depth of 22.0 meters. Quartz veins are typically brecciated, vuggy and more intensely Fe-oxidized. Limonite and lesser hematite and pyrite occur encrusting vugs, in microfractures and selvedges of quartz veins. Trend of bigger veins, 0.3-5 cm wide, is typically bedding and foliation parallel to subparallel, whereas hairline to 2 mm wide veinlets are randomly oriented. Siltstone and quartzite are often bleached due to pervasive silicification. Pyrite occurs as fine specks, disseminations and microfracture fillings; on average 1-3%. Below 15.0 m, chlorite is commonly present on fracture surfaces in quartzite and siltstone and in quartz veins.

Sample	Sampling		Recovery %	Remarks	Ag	Au	Cu	Pb
82694	3.0-3.5	0.5 m	50		.3	14	35	30
82695	3.5-4.0	0.5 m	100	Bleached, thinly bedded, well foliated siltstone, trend is at 75° to core axis, limonite and hematite coating fractures.	.1	7	20	32
82696	4.0-4.5	0.5 m	100		.2	4	42	21
82697	4.5-5.0	0.5 m	100		.1	6	34	35
82698	5.0-5.5	0.5 m	100		.1	4	35	6
82699	5.5-6.0	0.5 m	100		.1	4	27	12
82700	6.0-6.5	0.5 m	100	Poorly competent core, intense limonitization.	.1	3	16	28
82751	6.5-7.0	0.5 m	100	Extremely crushed and crumbly core, abundant limonite, hematite and Mn-oxide alteration - shear/fault zone.	.4	11	35	71
82752	7.0-7.5	0.5 m	100	The same as above 6.5-7.0 m.	.3	3	30	110
82753	7.5-8.0	0.5 m	100	Heavily limonitized quartz-feldspar breccia at 7.55-7.85 m, 1% coarse euhedral pyrite.	.9	44	37	130
82754	8.0-8.5	0.5 m	100	Crushed and crumbly core - shear zone; intense sericite and fracture controlled limonite and hematite alteration.	.3	12	25	360
82755	8.5-9.0	0.5 m	100	Poorly competent core over 50% of this interval, intensely brecciated with associated limonitization.	.3	1	70	718
82756	9.0-9.5	0.5 m	100	Very poorly competent and crushed rock, heavy limonitization, abundant milky quartz, veining, hairline width randomly oriented.	.4	53	115	364
82757	9.5-10.0	0.5 m	100	Poorly competent core, intense brecciation and limonitization, abundant milky quartz veining, hairline width, randomly oriented.	.3	2	139	489
82758	10.0-10.5	0.5 m	100	Partly broken-up core, intense limonitization, some to 2 mm wide quartz veinlets.	.4	1	101	434
						Assay .02 g/t		
82759	10.5-11.0	0.5 m	100	The same as 10.0-10.5 m.	21.4	177200	385	907
						Assay 164.81 g/t		
82760	11.0-11.5	0.5 m	100	Quartz-matrix breccia, vuggy, hematite and limonite encrust cavities and fill microfractures.	3.6	11270	279	782
						Assay 11.86 g/t		

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
3.0-45.4m	Cont'd			Recovery %					
	82761	11.5-12.0	0.5 m	100	The same as 11.0-11.5 m.	2.5	16570	312	994
							Assay 16.4 g/t		
	82762	12.0-12.5	0.5 m	100	Abundant, randomly oriented hairline to 2 mm wide quartz veins and lenses, vuggy, limonitic	.7	180	279	1186
							Assay .24 g/t		
	82763	12.5-13.0	0.5 m	100		.7	4840	214	1197
							Assay 2.31 g/t		
	82764	13.0-13.5	0.5 m	100	Poorly competent, crumbly core, sericitized, sheared siltstone, heavy limonitization.	.2	75	176	1054
							Assay .06 g/t		
	82765	13.5-13.9	0.4 m	100	Extremely broken-up core with clay gouge - shear zone; intense limonite and Mn-oxide alteration.	.2	19	70	307
	82766	13.9-14.4	0.5 m	100	Intensely bleached, limonitized, argillized and locally chloritized breccia, some hair-line, randomly oriented quartz veining.	.2	19	3	11
	82767	14.4-14.9	0.5 m	90	Extremely crumbly and chalky core, intense limonite and clay alteration, some quartz rubble.	.1	4	3	6
	82768	14.9-15.4	0.5 m	80	Poorly competent core over half of this interval, sheared, sericitized and partly chloritized matrix in siltstone breccia.	.2	2	35	19
	82769	15.4-15.9	0.5 m	100	Bleached to pale grey and limonitized section at 15.4-15.75 m, 2-3% pyrite disseminations.	.1	7	22	5
	82770	15.9-16.4	0.5 m	100	Abundant chloritic slivers stretched to foliation.	.1	1	20	14
	82771	16.4-16.9	0.5 m	100		.2	1	70	28
	82772	16.9-17.4	0.5 m	100		.1	5	37	65
	82773	17.4-17.9	0.5 m	100		.1	7	32	23
	82774	17.9-18.9	1.0 m	100		.1	1	24	8
	82775	18.9-19.9	1.0 m	100	At 19.4-19.5 m, rusty limonitized section with some milky quartz veining.	.1	1	15	10
	82776	19.9-20.9	1.0 m	100	Several to 5 cm wide areas of limonitization which have associated hairline quartz veining, to 2-3% pyrite as fine disseminations, micro-fracture fillings and encrusting vugs in quartz veins.	.2	17	16	11
	82777	20.9-21.9	1.0 m	100		.1	13	28	7
	82778	21.9-22.6	0.7 m	100	Poorly competent broken-up core, abundant chloritic slivers stretched to foliation, trend is 65-70° to core axis, trace pyrite disseminations.	.1	4	14	2
	82779	22.6-23.6	1.0 m	100		.1	8	26	7
	82780	23.6-24.4	0.8 m	100		.2	2	30	9
	82781	24.4-24.7	0.3 m	100	Rusty brown, heavily limonitized and sericitized siltstone, sheared at 50-55° to core axis, some quartz-feldspar veining, 3% pyrite in microfractures and as blebs, elongated to foliation.	.1	7	18	9
	82782	24.7-25.7	1.0 m	100		.2	5	25	37
	82783	25.7-26.7	1.0 m	100		.1	1	19	32
	82784	26.7-27.7	1.0 m	100		.1	4	17	29
	82785	27.7-28.2	0.5 m	100		.2	4	9	34
	82786	28.2-28.4	0.2 m	100	Broken-up, intensely limonitized interval, bleached and sericitized siltstone with 1-3% pyrite disseminations, some chlorite in fractures, rusty feldspar-quartz breccia at 22.82-22.88 m.	.1	5	17	98

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
3.0-45.4m	Cont'd								
				Recovery %					
	82787	28.4-29.4	1.0 m	100	Poorly competent, rubbly core at 28.9-29.4 m; intensely brecciated with quartz, chlorite and limonite healing hairline fractures, randomly oriented.	.1	1	10	12
	82788	29.4-29.9	0.5 m	100	Heavily brecciated, number of randomly oriented, hairline quartz-chlorite stringers, limonite and lesser hematite and Mn-oxide coat fracture surfaces.	.1	1	9	8
	82789	29.9-30.4	0.5 m	100	Poorly competent core, heavily brecciated and Fe-oxidized, abundant to 2 mm wide quartz veinlets, randomly oriented, feldspar-quartz breccia, crumbly and chalky, at 30.35 m.	.1	2	14	19
	82790	30.4-30.9	0.5 m	100	Poorly competent core, limonite, hematite and Mn-oxide on fracture surfaces.	.1	1	11	50
	82791	30.9-31.9	1.0 m	100		.1	15	15	49
	82792	31.9-32.9	1.0 m	100		.1	4	18	21
	82793	32.9-33.8	0.9 m	75	About 25 cm of core missing at 32.9 m.	.1	3	19	15
	82794	33.8-34.8	1.0 m	100	Rare milky quartz-feldspar veinlets, to 3 mm wide, trending 45-80^{o} to core axis, vuggy, pyritiferous, limonite in selvedges.	.1	6	17	12
	82795	34.8-35.8	1.0 m	100	At 35.25-35.4 m, abundant milky quartz, hair-line to 2 mm wide, randomly oriented quartz veinlets, veins are vuggy, chloritic, hematitic and Mn-oxide altered, limonite in selvedges.	.1	4	22	29
	82796	35.8-36.7	0.9 m	100		.1	1	39	56
	82797	36.7-37.4	0.7 m	100	Well bedded siltstone, trend is at 70-80^{o} to core axis.	.1	3	36	63
	82798	37.4-37.7	0.3 m	100	Intense limonitic alteration in sericitized and partly chloritized siltstone to 2% pyrite as disseminations and blebs.	.3	25	27	108
	82799	37.7-38.7	1.0 m	100		.1	3	25	42
	82800	38.7-39.7	1.0 m	100		.1	2	27	46
	82801	39.7-40.7	1.0 m	100		.2	2	14	55
	82802	40.7-41.2	0.5 m	100	Poorly competent core, some milky to grey quartz rubble at 40.8 m.	.3	6	11	27
	82803	41.2-42.0	0.8 m	100		.2	13	20	14
	82804	42.0-42.3	0.3 m	100	Heavily fractured and limonitized interval, feldspar-quartz breccia at 42.2 m, hematite and lesser Mn-oxide coating fractures.	.1	57	25	32
	82805	42.3-43.0	0.7 m	100		.2	4	21	24
	82806	43.0-44.0	1.0 m	100		.3	17	28	6
	82807	44.0-44.7	0.7 m	100		.3	26	23	7
	82808	44.7-45.4	0.7 m	100		.2	8	7	2
45.4m	END OF HOLE								

COMMENCED: October 23, 1990
COMPLETED: October 24, 1990
LOGGED BY: D. Duba
DATE LOGGED: October 26, 1990

DISTRICT: Ft. Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 2109N, 3006E
ELEV.: 1892 m

COLLAR DIP: -75°
BEARING: 122° Az
LENGTH: 28.7 m
CORE SIZE: NQ-2
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION	Ag	Au	Cu	Pb
0-3.0m	CASING - Overburden				
3.0-28.7m	ALTERED SILTSTONE AND QUARTZITE Medium grey to bleached pale grey and buff, discolored to orange brown and dark brown and intensely brecciated and fractured. Siltstone is typically well laminated to thinly bedded and locally heavily sheared with sericite and lesser clay formed on foliation surfaces. It is intercalated with massive, fine grained, thinly bedded quartzite. Attitude of bedding and roughly parallel foliation is variable from 40-55° to core axis. Fracturing and brecciation is commonly intense and highly variable, from 10-80° to core axis. The most common trends are 40-60° to core axis. Fractures are coated by limonite, hematite and Mn-oxide. Quartz and quartz-feldspar veins, lenses and breccia are ubiquitous. Veins and breccia are typically hairline to 30 cm wide, vuggy, fractured, intensely Fe-oxidized and trend parallel and oblique to foliation at 45-70° to core axis. Limonite, hematite and pyrite occur encrusting vugs, fill microfractures and in selvedges. Siltstone and quartzite are often bleached to grey and buff due to pervasive silicification. Pyrite occurs as fine disseminations, blebs and microfracture fillings, 1-3% on average. Below 21.5 m, siltstone and quartzite are not that strongly altered and brecciated. Quartz veining and Fe-oxide alteration is not as common as from 3.0-21.5 m. Chlorite commonly occurs as coating on fracture surfaces.				

Sample	Sampling	Length	Recovery %	Description	Ag	Au	Cu	Pb
82809	3.0-3.5	0.5 m	100	Poorly competent, rubbly core.	.2	9	19	14
82810	3.5-4.0	0.5 m	100		.1	9	12	11
82811	4.0-4.5	0.5 m	100		.3	1	20	27
82812	4.5-5.0	0.5 m	100	Rare, to 4 mm wide quartz-hematite veinlets, trending at 45-65° to core axis.	.1	4	23	24
82813	5.0-5.5	0.5 m	100		.1	1	17	29
82814	5.5-6.0	0.5 m	100	Sheared siltstone, trend is 45-50° to core axis, Fe-oxidized fracture surfaces.	.1	2	12	6
82815	6.0-6.5	0.5 m	100	Poorly competent core, abundant Mn-oxide and lesser limonite on fractures.	.1	23	55	56
82816	6.5-7.0	0.5 m	100		.2	3	23	23
82817	7.0-7.5	0.5 m	100	Foliated/sheared and sericitized siltstone, trend is 45° to core axis; at 7.3-7.5 m, it is heavily brecciated and limonitized, locally to 2% rusty specks after pyrite.	.2	9	26	18
82818	7.5-8.0	0.5 m	100	Rare milky quartz at 7.9 m, vuggy and Fe-oxidized.	.2	3	19	17
82819	8.0-8.5	0.5 m	100	Laminated siltstone, trend is 45° to core axis, some limonite and hematite coating fractures.	.1	4	27	54
82820	8.5-9.0	0.5 m	90	Poorly competent, broken-up core, abundant Mn-oxide and lesser Fe-oxides on fracture surfaces.	.1	2	39	36
82821	9.0-9.5	0.5 m	85	Poorly competent core.	.1	7	32	25
82822	9.5-10.0	0.5 m	90	Extremely crushed and mashy core-shear zone; intensely brecciated, argillized and limonitized.	.1	19	38	19
82823	10.0-10.5	0.5 m	90	The same as 9.5-10.0 m.	.1	12	27	35
82824	10.5-11.0	0.5 m	90	Limonitized quartz-feldspar breccia and veins trending 55° to core axis, they form about 30% of this interval, the host is sericitized siltstone.	.1	340 Assay .28 g/t	79	789
82825	11.0-11.5	0.5 m	100	Heavily brecciated and limonitized interval, at 11.2-11.33 m, vuggy quartz-feldspar breccia, intensely limonitized and hematized.	.1	190 Assay .16 g/t	28	640

FOOTAGE FROM TO	Sample	Interval	Length	Recovery %	DESCRIPTION	Ag	Au	Cu	Pb
3.0-28.7m	Cont'd								
	82826	11.5-12.0	0.5 m	100	Rare, to 2 mm wide grey quartz veining.	.1	20	22	436
						Assay .02 g/t			
	82827	12.0-12.5	0.5 m	100		.6	79	66	765
						Assay .10 g/t			
	82828	12.5-12.9	0.4 m	100	At 12.8-12.9 m, abundant quartz and quartz-feldspar veining, randomly oriented, vuggy and Fe-oxidized.	2.3	670	97	594
						Assay .52 g/t			
	82829	12.9-13.2	0.3 m	100	Brecciated milky quartz vein, upper and lower contacts trend at 70 and 60° to core axis, respectively, hematite and limonite occur in vugs and filling microfractures.	6.4	2710	97	156
						Assay 2.75 g/t			
	82830	13.2-13.6	0.4 m	100	Extensively brecciated, limonitized interval, abundant quartz and quartz-feldspar veining, hairline to 1 cm wide, some are randomly oriented and others are foliation parallel at $55-60^{\circ}$ to core axis.	1.8	3110	354	1241
						Assay 2.61 g/t			
	82831	13.6-14.1	0.5 m	100	Quartz breccia at 13.7-13.85 and 14.0-14.05, vuggy, abundant limonite and hematite encrust vugs and fill microfractures, abundant narrow quartz-feldspar veinlets and lenses in rest of the interval.	2.5	22800	182	1046
						Assay 21.53 g/t			
	82832	14.1-14.3	0.2 m	100	Crumbly and chalky core, quartz-feldspar breccia, intense argillic and limonite alteration.	.9	7370	81	1002
						Assay 7.30 g/t			
	82833	14.3-14.8	0.5 m	100	Sheared, sericitized siltstone, trend is 40° to core axis, abundant hairline, randomly oriented quartz veinlets, intensely Fe-oxidized.	.3	210	209	2637
						Assay .13 g/t			
	82834	14.8-15.3	0.5 m	100	Rare, to 0.5 cm wide vuggy, grey quartz veins, trending $50-75^{\circ}$ to core axis, limonite and hematite in vugs and selvedges of these veins.	.4	120	303	2051
	82835	15.3-15.8	0.5 m	100	The same as 14.8-15.3 m.	.3	140	120	944
						Assay .09 g/t			
	82836	15.8-16.3	0.5 m	100		.2	35	122	545
	82837	16.3-16.8	0.5 m	100	At 16.65-16.7 m, vuggy, Fe-oxidized, milky quartz breccia, host is sheared and sericitized siltstone, trending at 55° to core axis.	.1	45	81	157
	82838	16.8-17.3	0.5 m	100		.1	17	77	103
	82839	17.3-17.8	0.5 m	100	Bleached siltstone, intense brown discoloration (Fe and Mn-oxides), quartz breccia at 17.75 m.	.1	5	30	19
	82840	17.8-18.3	0.5 m	100	Intensely brecciated siltstone, abundant limonite, hematite and Mn-oxide healing fractures, milky quartz breccia at 18.15 m.	.1	120	51	102
	82841	18.3-18.8	0.5 m	100	Rare randomly, oriented hairline quartz-hematite veinlets in brecciated quartzite, abundant Fe-oxidation.	.1	46	78	356
	82842	18.8-19.3	0.5 m	100		.1	15	32	103
	82843	19.3-19.8	0.5 m	100	The same as 18.3-18.8 m.	.1	34	39	90
	82844	19.8-20.3	0.5 m	100		.1	13	28	24
	82845	20.3-20.8	0.5 m	100		.1	6	22	6
	82846	20.8-21.5	0.7 m	100		.1	4	7	2
	82847	21.5-22.5	1.0 m	100	Some milky quartz veins to 1 cm wide, 1-2% pyrite as disseminations, microfracture fillings and in quartz veins, chlorite, euhedral pyrite and lesser Fe-oxides on fractures.	.1	18	5	2

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
						ANALYSIS			
3.0-28.7m	Cont'd								
				Recovery %					
	82848	22.5-23.0	0.5 m	100	Quartz-feldspar breccia at 23.0-23.05 m, vuggy, limonitic, 5% pyrite filling vugs and microfractures, to 1% pyrite in host quartzite, chloritic fracture surfaces.	.1	56	10	9
	82849	23.0-23.5	0.5 m	100	Poorly competent core, abundant quartz and quartz-feldspar veins and irregular masses, intense fracture controlled limonitization and chloritization.	.1	14	14	38
	82850	23.5-24.0	0.5 m	100		.1	8	22	2
	82746	24.0-25.0	1.0 m	100		.1	6	21	8
	82747	25.0-26.0	1.0 m	100		.2	7	57	72
	82748	26.0-27.0	1.0 m	100		.2	13	29	54
	82749	27.0-28.0	1.0 m	100	Poorly competent broken core, some clay gouge formed, chloritized fractures.	.1	6	36	25
	82750	28.0-28.7	0.7 m	100	The same as 26.0-27.0m.	.1	13	32	19
28.7m	END OF HOLE								

P. Kh

COMMENCED: October 25, 1990
COMPLETED: October 26, 1990
LOGGED BY: D. Duba
DATE LOGGED: October 29, 1990

DISTRICT: Ft. Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 2109N, 3006E
ELEV.: 1892 m

COLLAR DIP: -45°
BEARING: 080° Az
LENGTH: 25.9 m
CORE SIZE: NQ-2
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
0-2.4m	CASING - Overburden								
2.4-25.9m	ALTERED SILTSTONE AND QUARTZITE Medium grey to pale grey and buff with common orange brown and dark brown discoloration. Siltstone is typically laminated to thinly bedded and locally intensely sheared, especially in areas of quartz veining and mineralization. It is intercalated with massive, thinly to medium thickly bedded and fine-grained quartzite. Attitude of bedding and roughly parallel foliation is at 45-55° to core axis. Fracturing and brecciation is typically intense. It is variable from 0-80° to core axis. The most common trends are 30 and 45-60° to core axis. Fractures are healed by limonite, hematite and Mn-oxide. Quartz and quartz-feldspar veins, lenses and breccia are ubiquitous. Quartz veins and breccia are commonly hairline to 30 cm wide, vuggy, brecciated and heavily Fe-oxidized. Limonite, hematite and lesser pyrite occur encrusting vugs, filling microfractures and in selvedges. Bigger veins are oriented subparallel to foliation at 40-65° to core axis. Pyrite occurs as fine disseminations, blebs and microfracture fillings in altered siltstone and quartzite; on average <1%. Below 20.5 m, siltstone and quartzite are not as heavily brecciated and altered as at 2.4-20.0 m. Quartz veining is not as abundant. Chlorite is common as coatings on fractures and as fine slivers elongated to foliation.								
		Sampling		Recovery %					
	82851	2.4-2.9	0.5 m	90	Poorly competent core, abundant Mn-oxide and limonite coating fractures.	.4	33	50	48
	82852	2.9-3.4	0.5 m	90	At 3.0 m, 2 cm wide milky quartz vein, trending at 55° to core axis, vuggy, Fe-oxidized.	.1	26	42	18
	82853	3.4-3.9	0.5 m	100	Some hairline to 2 mm wide quartz veinlets, limonitic and hematitic, abundant Mn-oxide and limonite coating fractures in host siltstone.	.2	12	51	16
	82854	3.9-4.4	0.5 m	100	The same as 3.4-3.9 m.	.1	6	37	5
	82855	4.4-4.9	0.5 m	100		.1	5	32	17
	82856	4.9-5.4	0.5 m	100	The same as 3.4-3.9 m.	.3	10	26	85
	82857	5.4-5.9	0.5 m	100	Rusty, hairline quartz veinlets, trend is 40-45° to core axis.	.3	6	35	683
	82858	5.9-6.4	0.5 m	100	Well laminated siltstone, trend is 75° to core axis.	.1	7	28	93
	82859	6.4-6.9	0.5 m	100	At 6.65-6.75, extremely crushed, mashy core, argillized and limonitized, some quartz rubble.	.3	10	27	38
	82860	6.9-7.4	0.5 m	90	Poorly competent core, intensely bleached to buff, fracture-controlled Mn-oxide and limonite alteration, rare quartz-feldspar veining.	.3	40	20	31
	82861	7.4-7.9	0.5 m	100	Poorly competent crumbly core, sericite and limonite on foliation surfaces.	.1	9	21	33
	82862	7.9-8.4	0.5 m	100	Some foliation parallel, hairline quartz veining, trend is at 55° to core axis, heavily limonitized quartz-feldspar breccia at 8.35 m.	.2	17	31	19
	82863	8.4-8.9	0.5 m	100	Some hairline quartz-feldspar-hematite veinlets, trending 35-65° to core axis, 0.3-0.5% pyrite disseminations and microfracture fillings.	.1	30	33	9
	82864	8.9-9.4	0.5 m	100	The same as 8.4-8.9 m, to 0.5% rusty specks after pyrite.	.1	42	31	16

FOOTAGE FROM TO	Sample	Interval	Length	Recovery %	DESCRIPTION	Ag	Au	Cu	Pb
2.4-25.9m	Cont'd								
	82865	9.4-9.9	0.5 m	100	At 9.6 m, 3-4 cm wide brecciated, milky quartz vein, limonitic and hematitic, trend is 50° to core axis, the rest of the interval is intensely limonitized and cut by numerous hairline to 2 m wide, vuggy, quartz veinlets.	.1	23	28	42
	82866	9.9-10.4	0.5 m	100	Heavily limonitized and hematized siltstone, rare quartz veining.	.2	51	29	118
	82867	10.4-10.9	0.5 m	100	Numerous hairline to 3 cm wide, milky to grey quartz veins, some trend 50° to core axis and others are randomly oriented, veins are brecciated, vuggy and Fe-oxidized, host is intensely brecciated and limonitized quartzite.	.1	72	42	297
	82868	10.9-11.4	0.5 m	100	Some rusty weathered, hairline quartz veinlets, randomly oriented, to 1% rusty specks after pyrite.	.1	45	52	372
	82869	11.4-11.9	0.5 m	100	Well foliated and sericitized siltstone, some rusty quartz-hematite veinlets, hairline width, randomly oriented, to 0.5% pyrite blebs in host siltstone.	.1	5	49	153
	82870	11.9-12.4	0.5 m	100		.1	13	22	35
	82871	12.4-12.9	0.5 m	100	Intensely bleached and limonitized interval, 0.5% pyrite disseminations.	.2	25	32	72
	82872	12.9-13.4	0.5 m	100		.4	22	61	466
	82873	13.4-13.9	0.5 m	100	Abundant hairline to 3 mm wide, quartz-feldspar veinlets, trending 40-60° to core axis, vuggy, brecciated, hematite, limonite and pyrite encrust vugs and fill microfractures.	.5	250 Assay .21 g/t	57	187
	82874	13.9-14.4	0.5 m	100	Abundant, randomly oriented, hairline quartz veinlets, Fe-oxidized.	.3	130 Assay .13 g/t	165	1927
	82875	14.4-14.9	0.5 m	100	The same as 13.9-14.4 m, quartz veinlets and lenses are to 2 mm wide, pyrite encrusts vugs and fills microfractures.	.3	220 Assay .21 g/t	188	785
	82876	14.9-15.4	0.5 m	100	Quartz-feldspar breccia, intensely limonitized, vuggy.	3.8	1890 Assay 1.58 g/t	271	930
	82877	15.4-15.9	0.5 m	100	Heavily sheared and sericitized siltstone with abundant, vuggy quartz and quartz-feldspar masses and veins, brecciated, limonitized and hematized.	.4	310 Assay .16 g/t	247	592
	82878	15.9-16.4	0.5 m	100	The same as 15.4-15.9 m, quartz is not as abundant as above.	1.0	55	217	1135
	82879	16.4-16.8	0.4 m	100	Vuggy quartz-feldspar breccia, limonite, hematite and pyrite in vugs, Fe and Mn-oxide alteration on fractures.	1.9	30	131	879
	82880	16.8-17.2	0.4 m	80	Poorly competent core, quartz-feldspar breccia, abundant Mn-oxide and limonite coating fractures.	.8	53	234	971
	82881	17.2-17.7	0.5	80	Poorly competent, crumbly core, abundant Mn-oxide and Fe-oxides alteration, abundant quartz-feldspar veining at 17.2-17.35 m.	.1	20	108	336
	82882	17.7-18.2	0.5 m	85		.3	11	77	289
	82883	18.2-18.7	0.5 m	90	Rare foliation parallel, milky quartz veinlets, trending at 60° to core axis, hairline to 4 mm wide, vuggy, Fe-oxidized.	.3	13	38	36
	82884	18.7-19.2	0.5 m	85	Poorly competent core, hematite and limonite coating fractures.	.1	3	30	14
	82885	19.2-19.7	0.5 m	80	The same as 18.7-19.2 m, rare hairline quartz veining.	.1	1	12	5

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
2.4-25.9m	Cont'd								
				Recovery %					
	82886	19.7-20.2	0.5 m	80	At 19.8-20.0 m, poorly competent core, abundant quartz-feldspar veinlets, hematite and limonite encrusting vugs.	1.1	12	25	66
	82887	20.2-20.7	0.5 m	80	At 20.3 m, quartz-feldspar breccia, trend is 65° to core axis, chloritized and Fe-oxidized, abundant chloritic slivers elongated parallel to foliation.	.1	3	21	6
	82888	20.7-21.7	1.0 m	100	To 1% pyrite as fine disseminations and fracture fillings.	.1	4	17	3
	82889	21.7-22.7	1.0 m	100	Rare vuggy quartz lenses and hairline veinlets.	.3	1	55	49
	82890	22.7-23.7	1.0 m	100	Poorly competent core, chlorite and limonite coating fractures.	.1	1	31	17
	82891	23.7-24.7	1.0 m	100	Rare vuggy, to 3 mm wide quartz veinlets, hematitic and limonitic.	.1	2	19	13
	82892	24.7-25.9	1.2 m	100	Slickensided and chloritized fracture surfaces.	.2	4	17	3
25.9m	END OF HOLE								

COMMENCED: October 26, 1990	DISTRICT: Ft. Steele Mining Div.	COLLAR DIP: -45°	TESTS @:
COMPLETED: October 27, 1990	PROPERTY: David - Lew	BEARING: 120° Az	
LOGGED BY: D. Duba	LOCATION:	LENGTH: 31.7 m	
DATE LOGGED: October 30, 1990	CO-ORD.: 1960N, 2973E	CORE SIZE: NQ	
	ELEV.: 1878 m	% RECOVERY:	ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
0-3.0m	CASING - Overburden								
3.0-31.7m	ALTERED SILTSTONE AND QUARTZITE Medium grey to bleached to pale grey, discolored to orange brown and dark brown. Siltstone is laminated to thinly bedded and locally intensely sheared. It is intercalated with massive, thinly to medium thickly bedded, fine grained quartzite. Attitude of bedding and roughly parallel foliation/shearing is at 70-75° to core axis. Fracturing and brecciation is generally intense. It is variable from 0-80° to core axis. The most common trends are 30, 45 and 70-80° to core axis. Fractures are healed by limonite, hematite and Mn-oxide. Quartz and quartz-feldspar veining is ubiquitous but it is most abundant to a depth of 19.0 meters. Quartz veins are typically brecciated and vuggy, with limonite, hematite, pyrite and rare galena encrusting cavities and filling microfractures. They are hairline to 30 cm wide and trend commonly subparallel to foliation at 65-80° to core axis. Siltstone and quartzite are locally bleached due to pervasive silicification. Pyrite occurs as fine disseminations, blebs and microfracture fillings. On average <1%. Below 21.0 meters, siltstone and quartzite are weakly to moderately brecciated and altered. Quartz veining is less abundant. Chlorite commonly coats fracture surfaces.								
		Sampling		Recovery %					
	82893	3.0-3.5	0.5 m	100	Poorly competent, rubbly core.	.1	2	15	16
	82894	3.5-4.0	0.5 m	100	More than half of this interval consists of poorly competent core, 3.5-3.8 m.	.2	5	14	55
	82895	4.0-4.5	0.5 m	100	Poorly competent core, abundant, to 2 mm wide quartz-feldspar veining at 4.3-4.5 m, limonitic alteration.	.1	9	14	20
	82896	4.5-5.0	0.5 m	80	Extremely shattered core, sericitized and limonitized siltstone.	.1	6	19	29
	82897	5.0-5.5	0.5 m	100	Rare, hairline quartz veining, randomly oriented, intense rusty brown discoloration (limonite and Mn-oxide).	.1	2	24	5
	82898	5.5-6.0	0.5 m	100	Several hairline to 3 cm wide, quartz-feldspar veinlets and lenses, some are randomly oriented, and others are foliation parallel at 60-70° to core axis, intense Fe-oxide alteration.	.1	13	20	14
	82899	6.0-6.5	0.5 m	100	Well laminated siltstone, trend is at 70° to core axis.	.1	6	24	35
	82900	6.5-7.0	0.5 m	100		.1	2	47	102
	82901	7.0-7.5	0.5 m	90	Poorly competent, mashy core with clay gouge-narrow shear/fault zone at 7.0-7.25 m.	.1	5	24	33
	82902	7.5-8.0	0.5 m	100		.1	2	31	23
	92903	8.0-8.5	0.5 m	100	At 8.3-8.5 m, abundant milky to grey quartz veinlets and lenses, hairline to 2 mm wide, randomly oriented, limonitized, vuggy, 2-3% rusty specks after pyrite in host rock.	.1	4	25	11
	82904	8.5-9.0	0.5 m	100	The same as 8.0-8.5 m, quartz veinlets occur at 8.5-8.7 m, abundant Mn-oxide and limonite on fractures in host quartzite.	.1	25	16	12
	82905	9.0-9.5	0.5 m	100	Rare hairline quartz veinlets, hematitic and limonitic.	.1	12	17	27
	82906	9.5-10.0	0.5 m	100	Rare foliation parallel quartz veinlets at 9.5-9.6 m, hairline to 2 mm wide and trending at 75° to core axis, vuggy and Fe-oxidized.	.2	22	21	54

FOOTAGE FROM TO	Sample	Interval	Length	Recovery %	DESCRIPTION	Ag	Au	Cu	Pb
3.0-31.7m	Cont'd								
	82907	10.0-10.5	0.5 m	100	Some quartz veining at 10.2-10.3 m, foliation parallel and oblique, hairline widths, vuggy Fe-oxidized.	.1	18	15	7
	82908	10.5-11.0	0.5 m	100	Some hairline quartz-hematite veinlets, randomly oriented.	.1	7	17	71
	82909	11.0-11.6	0.6 m	100	The same as 10.5-11.0 m.	.1	35	18	29
	82910	11.6-12.0	0.4 m	100	At 11.65-11.8 m, vuggy, quartz-feldspar breccia, limonite and lesser hematite and Mn-oxide alteration. Abundant narrow, vuggy quartz veinlets at 11.9-12.0 m, intense Mn-oxide alteration.	.1	82	19	159
	82911	12.0-12.3	0.3 m	100	Heavily brecciated and limonitized interval, abundant irregular milky quartz and quartz-feldspar masses, vuggy, limonitic.	.2	57	28	63
	82912	12.3-12.6	0.3 m	100	Rare foliation parallel, to 2 mm wide, vuggy quartz veinlets, trend is 75° to core axis, fracture-controlled Fe-oxide alteration.	.1	12	51	35
	82913	12.6-13.0	0.4 m	100	The same as 12.3-12.6 m, veinlets trend, parallel and also oblique to foliation.	.1	12	69	156
	82914	13.0-13.5	0.5 m	100	The same as 12.3-12.6 m.	.1	5	20	18
	82915	13.5-14.0	0.5 m	100	To 0.5% rusty specks after pyrite.	.1	4	12	20
	82916	14.0-14.5	0.5 m	100		.1	3	22	8
	82917	14.5-15.0	0.5 m	100	Some randomly oriented quartz veinlets, vuggy, Fe-oxidized, abundant dendritic Mn-oxide alteration.	.1	6	14	9
	82918	15.0-15.5	0.5 m	100	At 15.2-15.5 m, abundant, milky quartz-feldspar veining, randomly oriented, to 5 mm wide, vuggy, limonite and hematite filling microfractures and cavities.	.1	10	11	62
	82919	15.5-16.0	0.5 m	100	The same as 15.0-15.5 m, quartz-feldspar breccia at 15.85-15.95 m, heavily limonitized and hematized.	.3	121	63	14
	82920	16.0-16.3	0.3 m	100		.1	8	34	20
	82921	16.3-16.6	0.3 m	100	Abundant quartz-feldspar veinlets, hairline width, vuggy, limonitized and randomly oriented at 16.3-16.45 m, and to 1 cm wide and foliation parallel (75° to core axis) at 16.45-16.6 m.	.1	720	42	22
	82922	16.6-17.0	0.4 m	100		.2	10	42	5
	82923	17.0-17.5	0.5 m	100	Poorly competent core, rare, hairline width, quartz veinlets, trending at 55° to core axis, Fe-oxidized.	.1	75	98	12
	82924	17.5-17.9	0.4 m	100	Some foliation parallel, to 2 mm wide, quartz-feldspar veinlets, vuggy, heavily Fe-oxidized, trend is 80° to core axis.	.1	180 Assay .07 g/t	56	95
	82925	17.9-18.2	0.3 m	100	Brecciated milky quartz vein, upper and lower contacts trend at 80 and 50° to core axis respectively, pyrite and hematite fill vugs and microfractures.	1.4	2860 Assay 2.20 g/t	150	598
	82926	18.2-18.6	0.4 m	100	Several milky quartz-feldspar veins, to 1 cm wide, trending 75-80° to core axis, vuggy, pyrite and Fe-oxides in vugs and as fracture fillings, 5% pyrite disseminations in adjacent host siltstone within to 2 cm wide border zones.	.8	16150 Assay 15.88 g/t	142	345

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
3.0-31.7m	Cont'd								
				Recovery %					
	82927	18.6-18.8	0.2 m	100	Two, brecciated, milky quartz veins, 0.7 and 5.5 cm wide, trending at 75° to core axis, hematite and limonite in fractures, vugs and selvedges of these veins, 2-3% pyrite disseminations and blebs in host siltstone.	.9	370 Assay .27 g/t	97	485
	82928	18.8-19.3	0.5 m	100		.2	280 Assay .27 g/t	124	80
	82929	19.3-19.8	0.5 m	100	Some vuggy milky quartz-feldspar veins, parallel to foliation at 75° to core axis, hematized and limonitized.	.8	95 Assay .10 g/t	67	282
	82930	19.8-20.3	0.5 m	100	Heavily limonitized interval, rare to 2 mm wide quartz veinlets, foliation parallel, vuggy, hosted by limonitized, intensely sheared siltstone, trend is at 75° to core axis.	.1	290 Assay .45 g/t	169	152
	82931	20.3-20.8	0.5 m	100		.2	24	77	60
	82932	20.8-21.3	0.5 m	100	Heavily brecciated, fracture-controlled limonitization, rare, vuggy milky quartz lenses poorly competent core at 21.1-21.3 m, Mn-oxide and limonite on fractures.	.7	7	151	86
	82933	21.3-21.8	0.5 m	100	Chloritic siltstone, intense dark brown Mn-oxide alteration, 1-3% rusty blebs after pyrite.	.1	7	63	97
	82934	21.8-22.8	1.0 m	100		.3	9	156	342
	82935	22.8-23.8	1.0 m	100		.2	4	61	73
	82936	23.8-24.8	1.0 m	100		.2	3	74	205
	82937	24.8-25.8	1.0 m	100		.1	4	54	55
	82938	25.8-26.8	1.0 m	100		.1	6	75	93
	82939	26.8-27.8	1.0 m	100		.1	1	33	8
	82940	27.8-28.8	1.0 m	100	Hairline, randomly oriented quartz veinlets, pyrite-rich.	.1	8	24	3
	82941	28.8-29.1	0.3 m	100	Several vuggy quartz veins at 28.8-29.0, to 6 cm wide, irregular upper and lower contacts, pyrite and Fe-oxides in vugs and micro-fractures, 5-7% pyrite as disseminations and fracture fillings in host sericitized silt-stone.	.1	19	7	12
	82942	29.1-29.5	0.4 m	100	Rare, to 5 mm wide, milky quartz-feldspar veins, trending at 80° to core axis, pyrite and chlorite in fractures and selvedges of these veins, 1-2% pyrite disseminations and blebs in host quartzite.	.1	79	11	3
	82943	29.5-30.5	1.0 m	100	At 30.6-30.7 m, white to pinkish quartz veins, hairline to 7 mm wide, trending 75° to core axis, contain trace galena and pyrite, 1-2% pyrite disseminations in host rock.	.1	8	2	4
	82745	30.5-31.7	1.2 m	100		.1	10	1	15
31.7m	END OF HOLE								

COMMENCED: October 27, 1990	DISTRICT: Ft. Steele Mining Div.	COLLAR DIP: -74°	TESTS @:
COMPLETED: October 28, 1990	PROPERTY: David - Lew	BEARING: 119° Az	
LOGGED BY: D. Duba	LOCATION:	LENGTH: 32.6 m	
DATE LOGGED: October 31, 1990	CO-ORD.: 1960N, 2972E	CORE SIZE: NQ-2	
	ELEV.: 1878 m	% RECOVERY:	ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION	ANALYSIS Ag	Au	Cu	Pb
0-3.7m	CASING - Overburden				
3.7-32.6m	ALTERED SILTSTONE AND QUARTZITE				

Medium grey to bleached pale grey and buff, often discolored to orange brown and dark brown and strongly brecciated and altered. Siltstone is typically laminated to thinly bedded and locally heavily sheared especially in zones of quartz veining and mineralization. Sericite and lesser clay is formed on foliation surfaces. Siltstone is intercalated with massive, thinly to medium thickly bedded and fine grained quartzite.
Attitude of bedding and roughly parallel foliation is at 45-55° to core axis. Fracturing and brecciation is intense with fractures being healed by limonite, hematite and Mn-oxide. Attitudes are variable from 10-85° to core axis. The most common trends are 45-55° and 70-80° to core axis. Quartz veins, lenses and breccia occur throughout the length of the hole. They are typically hairline to 20 cm wide, brecciated, vuggy and Fe-oxidized. Limonite, hematite, pyrite and lesser galena encrust vugs and fill microfractures. Siltstone and quartzite are locally bleached due to pervasive silicification. Pyrite occurs as fine specks, disseminations and microfracture fillings; on average <1%.
Below 27.0 m, siltstone and quartzite are less intensely brecciated and altered. Quartz veining and Fe-oxide alteration is less common. Siltstone and quartzite are typically chloritized.

	Sampling		Recovery %		Ag	Au	Cu	Pb
82944	3.7-4.2	0.5 m	100	Poorly competent, mashy core, limonite and clay alteration.	.1	17	13	74
82945	4.2-4.7	0.5 m	100	The same as 3.7-4.2 m, abundant Mn-oxide alteration.	.1	6	14	292
82946	4.7-5.2	0.5 m	100		.1	13	7	182
82947	5.2-5.7	0.5 m	100	Rare, to 2 mm wide, milky quartz veinlets, trending at 55-70° to core axis, Fe-oxidized.	.1	6	10	417
82948	5.7-6.2	0.5 m	100	Extremely crumbled and chalky core with abundant clay alteration, rare quartz lenses, intense limonitization.	.1	15	16	67
82949	6.2-6.7	0.5 m	100	The same as 5.7-6.2 m.	.2	36	19	355
82950	6.7-7.2	0.5 m	100	Shattered core at 6.7-6.8 m, rare foliation parallel to 3 mm wide, vuggy quartz veinlets, trend is 60° to core axis, intense limonitization.	.3	12	24	133
82951	7.2-7.7	0.5 m	100	Well foliated siltstone, trend is at 50° to core axis, Fe-oxide alteration on fractures.	.1	1	23	84
82952	7.7-8.2	0.5 m	100		.1	8	7	74
82953	8.2-8.7	0.5 m	100	Heavily brecciated interval, randomly oriented quartz-feldspar veinlets, vuggy, Fe-oxides in vugs and selvedges of the veins.	.1	10	8	53
82954	8.7-9.2	0.5 m	100	Heavily brecciated and limonitized, abundant, randomly oriented, to 3 mm wide quartz and quartz-feldspar veinlets, vuggy and Fe-oxidized, Mn-oxide on fracture surfaces, 1-2% rusty specks after pyrite in host siltstone.	.1	13	7	48
82955	9.2-9.7	0.5 m	100	The same as 8.7-9.2 m.	.2	43	28	318
82956	9.7-10.2	0.5 m	100	Intensely sheared, limonitized and sericitized siltstone, trend is 30° to core axis, Fe and Mn-oxides coating fractures.	1.2	29	61	1079
82957	10.2-10.7	0.5 m	100	Poorly competent, heavily bleached interval, intense Mn-oxide alteration.	.3	3	82	109
82958	10.7-11.2	0.5 m	100	Sheared and sericitized siltstone, trend is 30° to core axis, Fe and Mn-oxides coating fractures.	.2	1	111	4

FOOTAGE FROM TO	Sample	Interval	Length	Recovery %	DESCRIPTION	Ag	Au	Cu	Pb
3.7-32.6m	Cont'd								
	82959	11.2-11.7	0.5 m	100	The same as 10.7-11.2 m.	.1	7	54	7
	82960	11.7-12.2	0.5 m	100	At 11.8-11.9, abundant rusty quartz-hematite veinlets and lenses, vuggy, 1% rusty specks after pyrite in host rock.	.1	17	17	16
	82961	12.2-12.7	0.5 m	100	At 12.55-12.6 m, grey quartz veinlets, to 7 mm wide, trend is 70° to core axis, hematitic.	.1	5	15	13
	82962	12.7-13.2	0.5 m	100	Moderately fractured, some quartz veinlets and lenses, vuggy and Fe-oxidized.	.1	4	19	64
	82963	13.2-13.7	0.5 m	100	Abundant, hairline to 3 mm wide quartz-feldspar and quartz veinlets in brecciated quartzite, foliation parallel (50° to core axis) and foliation oblique, vuggy with pyrite, hematite and limonite fillings, locally 2-3% pyrite in adjacent host siltstone/quartzite within 2-4 cm wide selvedges.	.2	20	13	149
	82964	13.7-14.2	0.5 m	100		.1	1	17	35
	82965	14.2-14.7	0.5 m	100	Rare, foliation parallel (50° to core axis) quartz-feldspar veining, to 5 mm wide, vuggy, Fe-oxidized, hairline quartz veinlets are common, random orientation.	3.0	4	12	316
	82966	14.7-15.2	0.5 m	100		.1	1	18	13
	82967	15.2-15.7	0.5 m	100	Rare, hairline quartz veining, randomly oriented, vuggy, hematitic and limonitic.	.1	12	13	15
	82968	15.7-16.1	0.4 m	100	Some vuggy quartz veinlets and lenses, randomly oriented, Fe-oxidized.	.2	15	16	27
	82969	16.1-16.4	0.3 m	100	Abundant quartz-feldspar veinlets, to 2 cm wide, trending parallel to foliation at 60° to core axis, brecciated, vuggy, limonite, hematite, pyrite and rare galena fill cavities and microfractures, locally to 10% pyrite disseminations in host siltstone in selvedges of quartz veins.	.6	85	25	112
	82970	16.4-16.9	0.5 m	100	Heavily brecciated, fracture-controlled limonitization, rare quartz veining.	.4	29	17	33
	82971	16.9-17.4	0.5 m	100		.3	20	14	35
	82972	17.4-17.9	0.5 m	100	Brecciated quartzite, some grey quartz veinlets, hairline to 5 mm wide, trend is 20-65° to core axis, abundant Mn-oxide and lesser limonite on fractures.	.2	9	21	20
	82973	17.9-18.4	0.5 m	100	Some randomly oriented, hairline quartz veinlets, dendritic Mn-oxide and limonite alteration.	.4	17	16	26
	82974	18.4-18.9	0.5 m	100	At 18.7-18.8 quartz-feldspar breccia, heavily limonitized.	.4	16	23	62
	82975	18.9-19.4	0.5 m	100		.8	16	17	205
	82976	19.4-19.9	0.5 m	100	To 1 cm wide quartz-feldspar vein at 19.45 m, trends at 45° to core axis, (foliation parallel), vuggy, limonitized, pyrite-rich, hosted by sheared, sericitized siltstone with 2-3% pyrite disseminations adjacent to the vein, to 2 mm wide quartz veinlets at 19.8 m.	.5	3	28	66
	82977	19.9-20.4	0.5 m	100	Well laminated and sheared siltstone, trend is at 50° to core axis, limonitized.	.3	1	33	67
	82978	20.4-20.9	0.5 m	100	Rare, hairline quartz-feldspar veinlets and lenses, veins trend 25-45° to core axis, vuggy, limonitic and hematitic.	.3	1	17	2
	82979	20.9-21.4	0.5 m	100		.2	3	14	13

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
3.7-32.6m	Cont'd			Recover %					
	82980	21.4-21.9	0.5 m	100	Rare hairline quartz veinlets, trending at 60-75° to core axis and some parallel to foliation at 50° to core axis; 21.8 m, to 0.5 mm wide, quartz veins, vuggy, Fe-oxidized.	.2	2	9	20
	82981	21.9-22.4	0.5 m	100	Intensely brecciated and bleached interval, numerous, hairline quartz veinlets and lenses, randomly oriented, vuggy, limonitic.	.3	63	10	24
	82982	22.4-22.9	0.5 m	100	The same as 21.9-22.4 m, quartz veining is not as abundant as above.	.1	28	12	4
	82983	22.9-23.5	0.6 m	100	Some hairline to 2 mm wide, quartz veinlets, trending at 60° to core axis, vuggy, hematitic and limonitic.	.2	17	17	7
	82984	23.5-23.9	0.4 m	100	Abundant randomly oriented, hairline quartz veinlets, Fe-oxidized, vuggy, pyrite and rare galena encrust vugs and fill microfracture in veins, intensely limonitized host rock.	.2	200	8	17
	82985	23.9-24.4	0.5 m	100	Some hairline quartz veining, trends are commonly 75° to core axis, vuggy, Fe-oxide and Mn-oxide alteration.	.2	25	21	12
	82986	24.4-24.9	0.5 m	100	Hairline to 1 cm wide vuggy, milky quartz veins at 24.65-24.9 m, trending 40-50° to core axis, brecciated, hematite, limonite and rare pyrite filling fractures and encrusting vugs.	.5	230	27	153
	82987	24.9-25.4	0.5 m	100	Heavily brecciated, bleached and limonitized, some narrow, randomly oriented quartz veinlets.	.2	29	16	9
	82988	25.4-26.0	0.6 m	100	Abundant quartz-feldspar veins, hairline to 2 cm wide at 25.8-26.0 m, these are vuggy, brecciated, limonitized and hematized, trend is 55-75° to core axis, host rock is brecciated and limonitized.	.1	25	54	8
							Assay .07 g/t		
	82989	26.0-26.2	0.2 m	100	Milky quartz-feldspar vein, upper and lower contacts trend at 50° to core axis, vein is brecciated with hematite and lesser limonite filling fractures, 0.5% coarse euhedral pyrite.	.6	590	95	392
							Assay .51 g/t		
	82990	26.2-26.7	0.5 m	100	Heavily brecciated, sericitized siltstone, Fe-oxide alteration.	.8	340	100	791
							Assay .21 g/t		
	82991	26.7-27.0	0.3 m	100	Quartz breccia at 26.7-26.95 m, heavily limonitized, trend is 55° to core axis.	.3	380	59	146
							Assay .34 g/t		
	82992	27.0-27.5	0.5 m	100	Intensely sheared, sericitized siltstone, trend is 50-55° to core axis, some kink-folding, rare milky quartz lenses along foliation planes.	.3	8	33	25
							Assay .02 g/t		
	82993	27.5-28.0	0.5 m	100	Sheared siltstone, intensely chloritized, trend is 50° to core axis; at 27.9 m, 1 cm wide quartz vein and lenses, parallel to foliation, structurally-controlled limonitization.	.5	4	51	531
	82994	28.0-28.5	0.5 m	100	Sheared, chloritized siltstone, trend is 50-55° to core axis, rare foliation parallel, to 2 mm wide, rusty, vuggy quartz veins, 1-3% rusty specks after pyrite in host siltstone.	.3	4	55	175
	82995	28.5-29.0	0.5 m	100	The same as 28.0-28.5 m, irregular, milky quartz mass at 28.7 m, Fe-oxidized.	.6	3	61	194
	82996	29.0-30.0	1.0 m	100	The same as 28.0-28.5 m.	.3	7	33	154
	82997	30.0-31.0	1.0 m	100	To 5% pyrite disseminations and blebs at 30.0-30.5 m, rare, randomly oriented narrow quartz veinlets.	.6	6	32	193
	82998	31.0-32.0	1.0 m	100		.1	11	9	10
	82999	32.0-32.6	0.6 m	100		.1	4	2	13
32.6m	END OF HOLE								

COMMENCED: October 28, 1990
COMPLETED: October 29, 1990
LOGGED BY: D. Duba
DATE LOGGED: October 31, 1990

DISTRICT: Ft. Steele Mining Div.
PROPERTY: David - Lew
LOCATION:
CO-ORD.: 1991N, 2970E
ELEV.: 1877 m

COLLAR DIP: -72°
BEARING: 120° Az
LENGTH: 41.8 m
CORE SIZE: NQ-2
% RECOVERY:

TESTS @:

ppm except Au ppb

FOOTAGE FROM TO	DESCRIPTION	ANALYSIS Ag	Au	Cu	Pb
0-6.1m	CASING - Overburden				
6.1-41.8m	ALTERED SILTSTONE AND QUARTZITE Grey to bleached pale grey and buff, often discolored to orange brown and dark brown and intensely fractured and brecciated. Siltstone is generally laminated to thinly bedded and locally intensely sheared with sericite formed on foliation surfaces. It is intercalated with massive, fine grained, thinly to medium thickly bedded quartzite. Attitude of bedding and roughly parallel foliation is at 40-60° to core axis. Fracturing and brecciation is intense with limonite, hematite and Mn-oxide heal fractures and coat open fracture surfaces. The most common trends are 45-60 and 80° to core axis. Quartz veins, lenses and breccia occur throughout the length of the hole but more commonly to a depth of 33 meters. Quartz is typically vuggy, brecciated and Fe-oxidized, and trends both parallel and oblique to foliation, from 30 to 85° to core axis. Limonite, hematite, pyrite and lesser galena encrust vugs and fill microfractures. Siltstone and quartzite are locally bleached due to pervasive silicification. Pyrite occurs as fine disseminations and microfracture fillings; on average <1%. Below 33 meters, quartzite and siltstone are moderately altered and brecciated. Quartz veining is less abundant. Siltstone and quartzite are locally chloritized.				

Sample	Sampling		Recovery %	Description	Ag	Au	Cu	Pb
84201	6.1-6.6	0.5 m	100	Poorly competent core, Fe and Mn-oxides on fracture surfaces.	.1	60	15	23
84202	6.6-7.1	0.5 m	100	The same as 6.1-6.6 m.	.1	17	11	21
84203	7.1-7.6	0.5 m	100	Rare hairline quartz-hematite veinlets, randomly oriented.	.1	7	9	10
84204	7.6-8.1	0.5 m	100	The same as 7.1-7.6 m.	.1	3	8	32
84205	8.1-8.6	0.5 m	100		.1	5	7	269
84206	8.6-9.1	0.5 m	100	Poorly competent core, abundant Mn-oxide and hematite alteration.	.1	7	18	49
84207	9.1-9.6	0.5 m	100	Poorly competent core, intensely brecciated and limonitized interval, rare randomly oriented quartz veinlets and lenses, to 2 mm wide, vuggy, Fe-oxidized.	.1	32	9	12
84208	9.6-10.1	0.5 m	100	The same as 9.1-9.6 m, more abundant quartz than above.	.1	35	6	12
84209	10.1-10.6	0.5 m	100	At 10.1-10.3 m, some hairline to 2 mm wide, grey quartz veinlets, trending at 70° to core axis, hematitic.	.1	5	12	5
84210	10.6-11.1	0.5 m	100	Crushed and crumbly core at 10.8-11.1 m, heavily sheared and sericitized siltstone.	.1	3	7	11
84211	11.1-11.6	0.5 m	100	At 11.1-11.3 m, intensely sheared siltstone, trend is at 55° to core axis.	.1	22	10	11
84212	11.6-12.1	0.5 m	100		.1	3	5	20
84213	12.1-12.6	0.5 m	100	Rare randomly oriented, hairline, rusty quartz-hematite veinlets.	.1	5	9	27
84214	12.6-13.1	0.5 m	100	Sheared siltstone at 12.6-12.9 m, trend is 55° to core axis, intense limonitization.	.1	7	14	33
84215	13.1-13.6	0.5 m	100	Well foliated, sheared siltstone, trend is 55-60° to core axis, 1-2% pyrite as fine disseminations and in microfractures parallel to foliation, Fe-oxidized fracture surfaces.	.1	32	42	20
84216	13.6-14.1	0.5 m	100		.1	3	39	61
84217	14.1-14.6	0.5 m	100		.1	1	8	27
84218	14.6-15.1	0.5 m	100	Rare, to 2 mm wide quartz veins, randomly oriented, Fe-oxidized.	.1	2	6	22

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
6.1-41.8m	Cont'd								
				Recovery %					
	84219	15.1-15.6	0.5 m	100	Heavily bleached and brecciated, fracture-controlled dendritic Mn-oxide and limonite alteration, some randomly oriented, hairline quartz veinlets; at 15.3 m, 5 cm wide, vuggy, milky quartz vein, trending 80° to core axis, Fe-oxides encrust vugs.	.2	150	20	10
	84220	15.6-16.1	0.5 m	100	Laminated, and well foliated siltstone, bedding trends at 50° to core axis, intense limonitization.	.3	12	38	23
	84221	16.1-16.6	0.5 m	100		.2	2	37	38
	84222	16.6-17.1	0.5 m	100		.1	3	15	41
	84223	17.1-17.6	0.5 m	100		.1	3	22	48
	84224	17.6-18.1	0.5 m	100	Foliated/sheared siltstone at 17.6-17.8 m, trend is at 45° to core axis, the rest of the interval consists of intensely brecciated and limonitized siltstone.	.2	3	28	110
	84225	18.1-18.6	0.5 m	100	At 18.4-18.6 m, abundant vuggy, quartz-feldspar veining, randomly oriented, to 1.5 cm wide, Fe-oxidized, heavily brecciated and limonitized host rock.	.1	3	8	88
	84226	18.6-19.0	0.4 m	100	Some rusty quartz lenses and veinlets at 18.95 m.	.2	18	6	50
	84227	19.0-19.4	0.4 m	100	Abundant to 5 mm wide quartz veinlets at 19.0-19.15 m, trending 60-85° to core axis, vuggy, Fe-oxidized.	.1	35	21	17
	84228	19.4-19.6	0.2 m	100	4-6 cm wide quartz-feldspar breccia, vuggy, intensely Fe-oxidized, it trends at 70-75° to core axis.	.1	36	6	14
	84229	19.6-20.2	0.6 m	100		.1	22	11	20
	84230	20.2-20.6	0.4 m	100	Intensely bleached, brecciated and limonitized interval, numerous hairline to 2 mm wide milky quartz veins, some trend 60-85° to core axis and others are randomly oriented.	.1	45	14	12
	84231	20.6-21.1	0.5 m	100	Rare hairline to 2 mm wide, quartz veinlets, randomly oriented, rusty, hematitic.	.1	22	13	6
	84232	21.1-21.6	0.5 m	100	The same as 20.6-21.1 m.	.1	45	9	15
	84233	21.6-22.1	0.5 m	100		.1	63	11	16
	84234	22.1-22.6	0.5 m	100	Abundant to 1 cm wide, quartz-feldspar veining, vuggy, Fe-oxidized, trends are parallel to foliation at 45° to core axis.	.1	75	17	46
	84235	22.6-23.0	0.4 m	100	Sheared, sericitized and heavily limonitized siltstone, trend is 50° to core axis, quartz-feldspar breccia at 22.6-22.68 m.	.1	140	24	16
	84236	23.0-23.5	0.5 m	100		.1	25	7	7
	84237	23.5-24.0	0.5 m	100	Brecciated and limonitized interval, rare, vuggy, to 2 mm wide quartz veins, limonitized, randomly oriented.	.1	27	32	7
	84238	24.0-24.5	0.5 m	100		.1	24	7	5
	84239	24.5-25.0	0.5 m	100	Extensively fractured, fracture-controlled limonitization, pyrite and Fe-oxides filling fractures.	.1	46	8	7
	84240	25.0-25.5	0.5 m	100	Numerous milky quartz and quartz-feldspar veins, hairline to 5 cm wide, trending parallel and oblique to foliation, at 45-80° to core axis, brecciated, vuggy, Fe-oxides and pyrite in vugs and microfractures, 1-3% pyrite filling fractures in host bleached siltstone.	.1	100	4	13

FOOTAGE FROM TO	DESCRIPTION					ANALYSIS Ag	Au	Cu	Pb
6.1-41.8m	Cont'd								
				Recovery %					
	84241	25.5-26.0	0.5 m	100	Abundant, randomly oriented, hairline quartz veinlets, pyrite-rich; fracture-controlled limonitization in host siltstone.	.1	52	9	7
	84242	26.0-26.5	0.5 m	100	To 1 cm wide, milky quartz veins, pyritiferous, vuggy, trend is 30-75° to core axis, 1-3% pyrite disseminations and microfracture fillings in adjacent host rock.	.2	210	16	11
	84243	26.5-27.0	0.5 m	100	The same as 26.0-26.5 m.	.2	91	24	11
	84244	27.0-27.5	0.5 m	100	Sheared siltstone, trend is 40° to core axis, pyrite in microfractures parallel to foliation	.1	49	65	19
	84245	27.5-28.0	0.5 m	100	The same as 27.0-27.5 m.	.1	24	72	14
	84246	28.0-28.3	0.3 m	100		.2	190	48	6
	84247	28.3-28.6	0.3 m	100	Poorly competent core, vuggy, quartz-feldspar breccia at 28.3-28.4 m, intensely Fe-oxidized.	.1	110	135	5
	84248	28.6-29.0	0.4 m	100	Poorly competent core, some randomly oriented, to 2 mm wide, milky quartz veins, limonitic.	.1	31	97	7
	84249	29.0-29.4	0.4 m	100	Heavily bleached, brecciated and limonitized interval, some irregular milky quartz masses, vuggy, limonitic.	.1	200 Assay .15 g/t	27	13
	84250	29.4-29.9	0.5 m	100	To 3% pyrite as disseminations, blebs elongated to foliation and microfracture fillings, some hairline quartz veinlets, trending 70-80° to core axis.	.1	56 Assay .06 g/t	16	33
	84251	29.9-30.4	0.5 m	100	Hairline to 1 cm wide, quartz-feldspar veins, trending at 45-75° to core axis, these are commonly vuggy, pyrite, lesser galena and Fe-oxides encrusting cavities and fill microfractures, 1-3% pyrite disseminations and fracture filling in host siltstone.	.2	440 Assay .34 g/t	22	101
	84252	30.4-30.9	0.5 m	100	Intensely brecciated and limonitized quartzite; at 30.75 m, 2 cm wide, brecciated quartz vein, trending at 65° to core axis, vuggy, Fe-oxidized, also some to 2 mm wide randomly oriented quartz veinlets.	.1	140 Assay .16 g/t	117	7
	84253	30.9-31.5	0.6 m	100	Bleached and brecciated interval, abundant, randomly oriented, hairline to 5 mm wide quartz veins and lenses, 0.5% pyrite as fine disseminations and blebs in host rock.	.1	350 Assay .32 g/t	11	146
	84254	31.5-32.0	0.5 m	100	Heavily brecciated and limonitized, abundant rusty quartz veinlets and irregular masses, vuggy and Fe-oxidized.	1.4	440 Assay .48 g/t	48	363
	84255	32.0-32.5	0.5 m	100	Sheared, sericitized and limonitized siltstone, trend is 60° to core axis, milky quartz vein, foliation parallel at 32.4 m, 0.3-1.5cm, wide, pyrite and galena encrusting vugs, to 2% pyrite in host rock, slicken-sided fracture surface.	.2	74 Assay .10 g/t	37	49
	84256	32.5-33.0	0.5 m	100	At 32.8 m, rare, vuggy, rusty quartz veins, sub-parallel to foliation at 65° to core axis.	.1	5	20	16
	84257	33.0-33.5	0.5 m	100	At 33.3-33.5 m, sheared, chloritized siltstone, trend is at 50-60° to core axis, 2-3% rusty specks after pyrite, Fe-oxides coating fracture surfaces.	.1	4	25	27
	84258	33.5-34.0	0.5 m	100	The same as above 33.0-33.5 m, to 1% pyrite.	.1	6	38	51
	84259	34.0-35.0	1.0 m	100	The same as 33.0-33.5 m, to 0.5% rusty specks and blebs after pyrite, rare to 5 mm wide rusty quartz veinlets, trending 30-70° to core axis.	.1	1	104	42

FOOTAGE FROM TO	DESCRIPTION					Ag	Au	Cu	Pb
6.1-41.8m	Cont'd								
				Recovery %					
	84260	35.0-36.0	1.0 m	100	At 35.45 m, bleached quartzite, abundant dendritic Mn-oxide alteration.	.3	2	27	153
	84261	36.0-37.0	1.0 m	100		.1	2	10	25
	84262	37.0-38.0	1.0 m	100	At 37.5 m, heavily limonitized quartz-feldspar vein, 1 cm wide, trending 65° to core axis.	.1	7	8	10
	84263	38.0-39.0	1.0 m	100		.2	8	5	16
	84264	39.0-40.0	1.0 m	100		.1	5	3	21
	84265	40.0-41.0	1.0 m	100	At 40.8-41.0 m, poorly competent core, to 1 cm wide, milky quartz veins, vuggy, Fe-oxidized.	.2	9	26	17
	84266	41.0-41.7	0.7 m	100		.3	10	13	19
41.7m	END OF HOLE								

P. K

APPENDIX 5

DIAMOND DRILLING: ANALYTICAL RESULTS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82237	2	20	12	33	.2	22	18	164	2.75	2	5	ND	12	3	.2	2	2	9	.04	.014	11	10	.53	46	.02	2	.65	.03	.41	1	18
D 82238	1	4	8	26	.1	10	5	71	1.34	2	5	ND	12	3	.2	2	2	9	.04	.009	14	8	.72	67	.02	2	.67	.03	.34	1	8
D 83733	2	6	9	66	.1	13	5	137	1.66	2	5	ND	12	2	.2	3	2	10	.03	.009	13	10	1.11	84	.01	2	.85	.01	.33	1	7
D 83734	6	30	490	58	2.7	19	13	148	1.90	2	5	ND	13	3	.8	2	6	6	.09	.025	11	7	.32	71	.01	2	.53	.02	.32	1	10
D 83735	1	34	2	49	.1	16	12	323	1.95	3	5	ND	15	2	.2	2	2	5	.06	.022	13	5	.62	38	.02	2	.61	.01	.37	1	7
D 83736	3	34	20	55	.2	18	11	369	1.81	4	5	ND	13	10	.2	2	2	5	.25	.020	10	8	.38	55	.02	2	.57	.02	.33	1	8
D 83737	2	16	15	50	.2	15	6	367	1.92	3	5	ND	12	8	.2	2	2	5	.22	.019	18	9	.56	28	.01	2	.73	.02	.22	1	3
D 83738	1	10	4	45	.1	13	8	374	1.87	2	5	ND	14	4	.2	2	2	4	.10	.020	21	6	.61	33	.01	2	.76	.01	.26	1	8
D 83739	2	6	6	17	.1	11	6	484	1.29	3	5	ND	11	21	.2	2	2	3	.56	.017	14	6	.40	246	.01	4	.32	.02	.19	1	9
D 83740	2	14	11	21	.1	17	9	231	1.49	2	5	ND	10	9	.2	2	2	6	.23	.012	13	7	.34	104	.01	5	.49	.04	.29	1	26
D 83741	1	7	8	31	.1	10	3	156	.99	3	5	ND	8	6	.2	2	2	4	.16	.010	15	8	.49	25	.01	2	.49	.04	.18	1	2
D 83742	2	14	24	21	.2	10	4	91	1.00	2	5	ND	11	4	.2	2	2	3	.11	.012	14	7	.17	47	.01	7	.30	.03	.15	1	7
D 83743	2	7	15	40	.1	12	5	101	1.32	2	5	ND	15	2	.2	2	2	6	.05	.011	26	13	1.08	23	.01	3	.89	.03	.09	1	4
D 83744	1	7	4	31	.1	14	6	119	1.51	2	5	ND	12	6	.2	2	2	5	.05	.013	12	7	.56	161	.02	3	.63	.03	.27	1	21
D 83745	2	3	3	33	.2	12	6	86	1.21	4	6	ND	16	2	.2	2	2	5	.03	.014	17	10	.66	20	.01	2	.67	.02	.15	1	6
D 83746	2	7	4	31	.2	12	5	108	1.16	2	8	ND	13	3	.2	2	2	4	.04	.012	18	10	.49	22	.01	2	.54	.03	.15	1	17
D 83747	5	4	4	32	.1	14	8	174	1.57	2	5	ND	11	6	.2	2	2	5	.06	.015	15	6	.44	121	.02	2	.50	.02	.27	1	18
D 83748	2	15	9	57	.1	16	6	131	1.79	2	6	ND	11	6	.2	2	2	11	.06	.011	11	13	.98	133	.01	4	.82	.04	.25	1	8
D 83749	2	18	8	76	.1	21	11	312	2.52	2	5	ND	11	5	.2	2	2	9	.08	.021	15	8	.53	76	.01	2	.61	.03	.34	1	2
D 83750	2	18	16	39	.2	19	8	281	2.11	2	5	ND	11	11	.2	2	2	7	.22	.016	13	7	.37	61	.02	4	.45	.04	.27	1	18
D 83751	3	9	3	39	.1	16	7	257	1.70	2	5	ND	10	9	.2	2	2	12	.19	.015	13	10	.69	121	.02	2	.64	.03	.36	1	8
D 83752	3	4	6	22	.1	12	5	152	1.37	2	5	ND	11	4	.2	2	2	6	.10	.015	21	14	.66	20	.01	2	.71	.03	.08	1	1
D 83753	2	2	3	26	.2	13	6	184	1.60	2	7	ND	17	5	.2	2	2	6	.09	.012	25	14	.75	29	.01	3	.87	.03	.13	1	1
D 83754	2	9	20	35	.2	15	6	191	1.99	2	5	ND	14	9	.2	2	2	20	.14	.011	10	13	.80	72	.02	3	.72	.03	.35	1	14
D 83755	2	7	2	23	.2	15	7	269	1.59	2	5	ND	10	15	.2	2	2	10	.22	.013	14	10	.74	189	.02	2	.71	.04	.29	1	23
D 83756	1	3	3	28	.1	12	4	257	1.46	2	5	ND	10	17	.2	2	2	19	.22	.010	12	10	.84	120	.03	4	.63	.04	.40	1	9
D 83757	1	23	22	32	.1	26	12	257	2.74	5	5	ND	13	6	.2	2	2	9	.15	.020	12	12	.81	37	.01	2	1.10	.02	.25	1	3
D 83758	2	26	4	37	.2	21	10	235	2.67	5	5	ND	13	4	.2	2	2	8	.16	.022	13	12	.71	39	.01	2	1.18	.02	.20	1	1
D 83759	3	37	7	47	.2	25	10	318	3.00	7	5	ND	10	7	.2	2	2	8	.45	.037	7	12	.89	38	.01	2	1.32	.01	.20	1	2
D 83760	7	47	7	54	.2	33	14	212	3.44	8	5	ND	11	6	.2	2	2	8	.20	.058	6	13	1.26	33	.01	2	1.55	.01	.17	1	3
D 83761	5	31	15	80	.2	32	16	332	3.67	2	5	ND	10	6	.2	2	2	18	.35	.058	5	27	1.76	26	.01	2	1.79	.02	.17	1	1
D 83762	6	37	169	154	.7	31	13	560	3.15	3	5	ND	9	21	1.0	2	2	9	.81	.055	5	9	1.01	50	.02	2	.92	.02	.34	1	3
D 83763	2	20	50	494	.4	15	5	433	1.11	6	5	ND	11	27	3.6	2	2	5	1.71	.015	17	12	.22	28	.03	2	.39	.04	.13	1	2
D 83764	2	20	22	54	.3	15	5	223	1.54	2	5	ND	12	9	.2	2	2	7	.50	.017	17	13	.43	29	.03	2	.74	.04	.11	1	1
D 83765	2	9	12	39	.2	14	6	345	1.53	2	5	ND	13	14	.2	2	2	8	.74	.017	16	11	.36	47	.04	11	.56	.04	.19	1	4
D 83766	3	8	2	50	.1	19	7	228	1.90	2	5	ND	12	7	.2	2	2	10	.12	.017	16	11	.60	102	.03	7	.70	.04	.35	1	28
STANDARD C/AU-R	18	58	37	130	7.2	73	31	1053	3.95	41	18	7	40	52	19.8	15	19	59	.46	.093	40	58	.89	187	.08	34	1.89	.06	.14	13	520

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 83767	2	4	7	25	.1	11	5	211	1.47	2	5	ND	14	5	.2	2	2	7	.16	.015	15	12	.83	16	.01	3	.85	.04	.15	1	4
D 83768	2	3	10	19	.1	9	3	140	1.27	2	5	ND	12	3	.2	2	2	7	.08	.011	19	14	.83	15	.01	2	.83	.05	.09	1	4
D 83769	2	5	2	17	.1	11	5	130	1.49	2	5	ND	14	3	.2	2	2	8	.07	.015	16	9	.66	29	.01	2	.78	.04	.24	1	4
D 83770	2	3	6	24	.1	12	5	139	1.49	3	5	ND	15	3	.2	2	2	6	.07	.015	15	14	.67	19	.01	2	.77	.04	.13	1	3
D 83771	2	4	28	35	.2	12	7	137	1.67	2	5	ND	16	5	.2	3	2	9	.06	.015	20	10	.61	174	.03	4	.84	.04	.38	1	13
D 83772	1	8	21	30	.1	13	5	114	1.60	2	5	ND	13	5	.2	3	2	8	.09	.017	15	11	.60	42	.02	2	.83	.05	.33	1	4
D 83773	1	7	3	36	.1	16	6	198	1.99	2	5	ND	14	5	.2	2	2	8	.12	.017	24	15	.85	23	.01	2	1.06	.03	.15	1	1
D 83774	1	13	4	48	.1	22	10	192	2.34	4	5	ND	16	4	.2	2	2	8	.13	.023	15	14	.96	32	.01	2	1.32	.03	.25	1	4
D 83775	2	35	5	40	.1	20	8	284	2.47	2	5	ND	17	10	.2	2	2	12	.34	.030	8	12	1.02	60	.02	2	1.25	.04	.36	1	5
D 83776	5	27	10	45	.1	27	12	306	3.47	2	5	ND	16	4	.2	3	2	14	.21	.047	8	20	1.88	33	.01	2	2.03	.04	.23	1	1
D 83777	4	3	5	51	.1	27	14	418	4.64	2	5	ND	13	3	.2	2	2	32	.16	.047	5	37	3.61	10	.01	2	3.22	.10	.07	1	1
D 83778	2	4	8	47	.1	24	10	453	4.31	2	5	ND	13	4	.2	2	2	33	.18	.042	9	40	3.58	10	.01	2	3.19	.09	.07	1	4
D 83779	1	19	2	28	.1	23	8	159	2.44	8	5	ND	15	2	.2	3	2	8	.08	.026	13	12	1.22	32	.01	2	1.44	.02	.23	1	1
D 83780	1	5	2	27	.1	16	6	352	2.16	2	5	ND	14	15	.2	2	2	13	.41	.016	8	11	1.18	66	.02	2	1.06	.04	.39	1	2
D 83781	1	3	4	28	.1	16	8	233	2.37	4	5	ND	11	11	.2	2	2	24	.28	.022	3	15	1.13	71	.02	2	.99	.07	.56	1	2
D 83782	1	5	2	27	.1	16	7	293	1.62	2	5	ND	12	11	.2	2	2	10	.25	.017	14	14	.93	197	.02	2	1.02	.05	.32	1	3
D 83783	1	30	6	19	.1	9	5	142	1.50	3	5	ND	11	2	.2	2	2	12	.04	.012	26	5	.16	42	.02	3	.62	.04	.14	1	170
D 83784	1	22	18	13	.1	5	1	63	1.37	2	5	ND	16	2	.2	2	2	5	.01	.013	38	4	.02	61	.01	2	.31	.03	.13	1	80
D 83785	1	16	12	13	.1	5	2	23	1.76	2	5	ND	11	5	.2	2	2	5	.01	.018	34	4	.02	462	.01	2	.32	.03	.14	1	140
D 83786	1	22	7	23	.1	7	4	395	2.23	2	7	ND	17	3	.2	2	2	7	.01	.019	42	4	.03	135	.01	2	.52	.02	.24	1	160
D 83787	1	66	7	34	.2	10	9	1047	1.24	2	7	ND	14	4	.4	2	2	11	.01	.012	38	3	.02	162	.01	2	.48	.02	.14	1	83
D 83788	1	30	46	52	.1	5	4	149	1.69	2	5	ND	16	4	.2	2	2	6	.01	.019	37	3	.03	56	.01	2	.55	.03	.22	1	33
D 83789	4	33	74	49	.2	9	3	20	3.11	2	5	ND	17	6	.2	2	2	18	.06	.016	37	7	.05	290	.01	3	.57	.03	.31	1	120
D 83790	5	19	70	56	.1	7	1	27	1.72	2	7	ND	14	3	.2	2	2	5	.01	.017	26	8	.01	43	.01	2	.34	.03	.19	2	26
D 83791	4	42	23	53	.1	11	4	192	.99	2	5	ND	13	3	.3	2	2	4	.01	.010	30	43	.03	69	.01	2	.30	.06	.12	1	26
D 83792	2	21	25	48	.1	11	6	265	1.28	7	5	ND	15	4	.3	2	2	4	.09	.012	34	11	.06	58	.01	3	.36	.04	.16	2	21
D 83793	2	42	51	40	.1	10	4	251	1.62	4	5	ND	14	4	.2	2	2	7	.02	.015	31	6	.03	83	.01	2	.40	.04	.18	1	84
D 83794	2	39	40	50	.1	14	7	284	1.70	2	5	ND	10	5	.2	2	2	5	.03	.016	19	8	.06	120	.01	2	.41	.07	.20	2	26
D 83795	2	26	82	50	.2	12	6	191	2.40	5	5	ND	14	4	.2	2	2	9	.01	.020	29	24	.03	210	.01	2	.56	.04	.27	1	51
D 83796	2	60	16	83	.1	10	9	221	3.05	2	5	ND	14	2	.2	2	2	8	.01	.028	24	4	.03	58	.01	2	.59	.02	.25	1	21
D 83797	1	76	13	107	.1	10	8	279	3.04	2	5	ND	16	4	.2	2	2	7	.04	.031	40	4	.03	58	.01	2	.65	.02	.30	1	9
D 83798	1	16	12	93	.1	7	5	214	2.11	2	5	ND	19	2	.2	2	2	4	.01	.019	44	3	.03	52	.01	2	.50	.01	.25	1	3
D 83799	1	25	43	75	.2	8	5	360	1.22	2	7	ND	12	4	.8	2	2	6	.07	.012	35	7	.03	66	.01	4	.50	.03	.20	1	6
D 83800	1	38	4	45	.1	7	6	93	1.99	2	5	ND	18	2	.2	2	2	9	.01	.028	48	3	.03	67	.01	3	.59	.01	.29	1	38
STANDARD C/AU-R	19	60	38	129	7.0	73	31	1053	3.96	42	18	7	40	52	19.6	15	19	59	.46	.095	40	61	.90	179	.07	32	1.90	.06	.13	11	510

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5393 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: LYNEA CARLSON

DDH D-90-02

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82201	4	70	19	51	.1	8	8	209	1.86	7	5	ND	12	3	.3	2	2	5	.02	.025	32	4	.02	49	.01	6	.36	.02	.14	1	30
D 82202	1	20	38	34	.2	5	4	160	.71	2	5	ND	12	2	.3	2	2	3	.01	.009	37	2	.01	47	.01	4	.31	.02	.13	1	40
D 82203	2	88	279	58	.3	13	7	694	1.36	2	5	ND	17	3	.8	2	2	11	.01	.011	45	6	.02	111	.01	2	.45	.04	.12	1	92
D 82204	1	107	219	62	.3	10	6	732	1.60	3	5	ND	14	3	.8	2	2	9	.01	.009	41	4	.01	115	.01	2	.41	.04	.15	1	62
D 82205	2	205	572	335	.9	8	4	161	1.47	2	5	2	6	2	3.1	2	3	8	.01	.010	13	5	.01	107	.01	3	.25	.02	.13	1	2840
D 82206	3	112	277	183	.9	10	6	260	1.88	2	5	ND	10	3	.5	2	2	11	.01	.012	18	5	.02	135	.01	2	.57	.04	.22	1	160
D 82207	1	147	180	43	.6	10	5	107	1.52	2	5	ND	8	3	.2	2	2	6	.01	.007	14	5	.01	111	.01	2	.30	.03	.18	1	820
D 82208	1	83	122	100	.3	7	4	95	1.18	2	7	ND	10	3	.8	2	2	6	.01	.016	30	4	.02	65	.01	4	.41	.04	.18	1	120
D 82209	1	144	350	123	.4	10	7	483	1.56	4	5	ND	10	4	.9	2	2	10	.01	.011	28	3	.02	112	.01	2	.53	.04	.18	1	88
D 82210	3	76	393	77	.2	6	3	328	2.05	2	5	ND	10	3	.3	2	2	8	.01	.020	32	5	.01	94	.01	5	.42	.03	.16	1	200
D 82211	2	26	107	95	.1	7	3	156	2.58	2	5	ND	11	3	.3	2	2	4	.01	.028	37	4	.02	48	.01	2	.52	.04	.17	1	55
D 82212	1	425	2056	843	1.1	11	7	65	2.22	2	5	2	9	13	11.6	2	2	4	.01	.017	22	4	.02	105	.01	4	.39	.03	.19	1	2320
D 82213	1	180	996	227	1.0	9	8	741	1.68	2	5	ND	9	5	1.0	2	3	15	.02	.018	24	4	.02	206	.01	4	.48	.03	.18	1	160
D 82214	1	83	233	92	.1	8	4	217	1.21	4	5	ND	10	4	.5	2	2	3	.03	.014	28	6	.02	85	.01	3	.43	.06	.20	1	14
D 82215	2	55	301	60	.6	17	6	75	2.26	7	5	ND	11	9	.5	2	2	4	.02	.019	17	7	.06	142	.01	2	.47	.05	.22	1	52
D 82216	1	49	269	66	.5	29	14	58	2.87	14	5	ND	13	2	1.1	2	2	3	.02	.022	12	4	.07	51	.01	2	.42	.03	.22	1	40
D 82217	1	32	37	112	.1	19	9	492	2.12	22	5	ND	11	13	1.1	2	2	3	.52	.019	9	5	.45	38	.01	5	.35	.02	.22	1	6
D 82218	3	33	19	108	.1	20	9	390	2.69	21	5	ND	9	16	.5	2	2	5	.86	.036	6	8	.49	52	.01	7	.98	.02	.28	1	1
D 82219	4	36	72	126	.1	24	8	221	3.46	14	5	ND	9	2	.3	2	2	12	.09	.052	8	12	1.44	65	.01	5	1.90	.01	.29	1	7
D 82220	2	84	41	221	.1	27	13	617	3.32	18	5	ND	13	4	.8	2	2	19	.09	.054	18	21	2.23	97	.01	2	2.30	.01	.22	1	4
D 82221	2	14	10	46	.1	14	4	96	1.68	4	5	ND	13	2	.3	2	2	6	.03	.016	13	13	1.39	53	.01	3	1.41	.01	.20	1	5
D 82222	1	25	17	72	.1	11	3	89	1.23	5	5	ND	11	2	.2	2	2	6	.04	.014	19	11	1.11	30	.01	2	1.13	.01	.21	1	2
D 82223	1	19	12	51	.1	10	4	124	1.44	5	5	ND	11	1	.3	2	2	16	.01	.009	10	10	1.15	34	.02	7	1.08	.01	.51	1	5
D 82224	1	2	100	64	.1	10	6	79	1.43	2	5	ND	9	1	.2	2	2	17	.01	.006	7	10	1.45	24	.03	4	1.16	.01	.80	1	2
D 82225	35	5	470	256	7.2	14	6	113	1.75	2	5	ND	8	1	2.8	2	24	27	.01	.005	5	12	1.61	18	.03	7	1.06	.01	.91	1	4
D 82226	1	2	10	70	.1	15	8	100	1.86	2	5	ND	10	2	.2	2	2	20	.01	.005	6	12	1.93	17	.04	6	1.30	.02	.79	1	2
D 82227	1	8	2	103	.1	15	8	229	2.10	5	5	ND	9	3	.8	2	2	14	.06	.016	9	13	2.37	34	.02	2	1.81	.01	.36	1	1
D 82228	1	1	4	79	.1	15	7	183	1.87	4	5	ND	10	3	.5	2	2	12	.06	.013	15	11	2.37	46	.01	5	1.83	.01	.20	1	5
D 82229	1	1	5	46	.1	22	14	162	2.32	18	5	ND	12	3	.4	2	2	12	.05	.020	7	12	1.94	66	.03	4	1.58	.01	.50	1	5
D 82230	1	1	2	44	.1	15	10	74	2.33	8	5	ND	11	3	.2	2	2	18	.04	.018	6	8	1.48	75	.06	2	1.25	.01	.95	1	5
D 82231	1	1	5	55	.1	13	4	212	1.17	9	5	ND	17	2	.2	2	2	8	.04	.020	31	7	.83	133	.05	9	1.10	.01	.76	1	5
D 82232	1	4	3	51	.1	8	4	140	1.26	3	5	ND	12	7	.2	2	2	10	.02	.014	18	5	.54	606	.03	3	.77	.01	.54	1	19
D 82233	3	36	11	35	.1	18	7	63	1.84	7	5	ND	11	3	.2	2	2	14	.05	.020	14	10	.50	77	.03	12	.80	.04	.54	1	42
D 82234	1	4	6	44	.1	11	6	48	1.61	7	5	ND	10	4	.2	2	2	11	.03	.013	14	11	.62	126	.04	5	.78	.06	.56	1	10
D 82235	2	4	42	41	.1	13	5	66	1.39	9	5	ND	9	4	.2	2	2	15	.03	.010	12	8	.50	78	.02	2	.61	.06	.44	1	47
D 82236	2	4	12	31	.1	11	3	126	1.17	3	5	ND	8	4	.2	2	2	14	.08	.007	9	11	.58	34	.03	2	.58	.08	.40	1	29
STANDARD C/AU-R	18	57	38	132	7.1	72	31	1053	3.92	42	22	7	39	52	19.0	14	19	60	.46	.098	40	60	.89	187	.08	32	1.90	.06	.13	13	510

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 19 1990 DATE REPORT MAILED: Oct 23/90. SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
82275	2	386	2105	115	.5	4	1	25	1.79	2	5	3	11	2	.2	2	2	16	.01	.025	35	5	.01	69	.01	2	.68	.01	.10	1	3790
82276	3	217	978	54	6.5	7	2	13	1.90	2	5	9	11	14	.2	2	36	5	.01	.014	32	9	.01	1246	.01	2	.39	.01	.15	1	11890
82277	1	118	926	312	.4	5	4	156	1.20	2	5	ND	10	2	.4	2	2	7	.01	.016	29	4	.01	32	.01	2	.49	.01	.12	1	59
82278	1	78	453	62	.1	5	3	102	1.55	4	5	ND	16	2	.2	2	2	9	.01	.022	45	5	.01	39	.01	2	.59	.01	.15	1	35
82279	1	142	761	117	.2	13	13	445	2.64	25	5	ND	16	1	.3	2	2	43	.01	.018	27	3	.02	93	.01	2	.33	.01	.21	1	4
82280	1	148	835	237	.1	13	8	307	2.18	9	5	ND	14	1	.4	2	2	45	.01	.018	34	6	.09	53	.01	2	.52	.01	.19	1	12
82281	1	134	593	283	.1	14	8	447	1.69	7	5	ND	11	1	.2	2	2	20	.01	.013	23	5	.16	55	.01	2	.85	.01	.11	1	11
82282	1	214	1704	384	.1	24	8	129	2.24	21	5	ND	13	1	.3	2	2	34	.01	.049	34	10	1.22	37	.01	2	1.37	.01	.17	1	14
82283	2	78	809	132	.1	14	5	181	1.58	16	5	ND	10	1	.2	2	2	10	.01	.030	21	9	.64	39	.01	2	.77	.01	.18	1	14
82284	3	37	46	52	.1	13	5	152	1.24	5	5	ND	11	1	.2	2	2	3	.01	.011	11	12	.68	62	.01	2	.64	.01	.15	2	24
82285	1	57	76	76	.1	16	6	129	2.14	2	5	ND	16	1	.2	3	2	11	.01	.014	13	12	1.70	30	.01	2	1.41	.01	.22	1	2
82286	2	9	2	62	.1	24	49	185	3.15	3	5	ND	5	1	.6	3	2	18	.01	.006	4	14	2.88	20	.01	2	1.85	.01	.26	1	5
82287	1	12	3	75	.1	14	11	172	1.47	2	5	ND	11	3	.4	3	2	8	.01	.008	13	11	1.67	133	.01	2	1.19	.01	.23	1	2
82288	2	6	13	109	.1	17	5	110	1.56	3	5	ND	12	2	.8	2	2	9	.04	.017	13	11	.88	27	.03	2	.83	.01	.62	1	40
82289	13	24	78	334	.2	18	5	139	2.12	6	5	ND	7	1	5.9	2	2	21	.01	.006	11	11	.46	46	.01	2	.46	.01	.40	1	5
82290	2	32	21	89	.1	18	8	61	2.32	3	5	ND	14	4	.8	2	2	17	.03	.019	12	9	.65	35	.01	2	.75	.01	.60	1	15
82291	1	34	6	45	.1	20	11	111	1.82	4	5	ND	13	4	.7	2	2	4	.10	.028	10	5	.23	65	.01	2	.43	.01	.32	1	37
82292	3	22	11	69	.1	20	10	243	2.23	4	5	ND	10	6	.6	2	2	12	.08	.022	11	12	.49	57	.02	2	.55	.03	.44	1	16
82293	31	15	116	99	.4	19	5	132	3.39	5	5	ND	9	13	.2	2	2	44	.01	.021	10	15	.69	54	.02	2	.69	.04	.66	1	230
82294	1	205	12	40	.1	14	6	261	1.28	5	5	ND	9	10	.2	2	2	3	.38	.014	6	7	.49	19	.02	2	.41	.01	.25	2	37
82295	1	1	6	30	.1	12	6	288	1.23	2	5	ND	11	11	.2	2	2	4	.36	.021	12	6	.40	24	.01	2	.50	.01	.31	1	17
STANDARD C/AU-R	19	59	40	133	7.0	72	31	1054	3.97	39	18	7	39	53	19.0	15	19	60	.46	.096	40	61	.90	179	.08	34	1.90	.06	.13	12	490

ASSAY IN PROGRESS for Au > 500ppb

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5425 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: S. SANDERS

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
82239	1	4	60	30	.4	8	5	99	1.20	30	5	ND	13	2	.3	2	2	5	.04	.011	16	7	.46	40	.02	2	.53	.02	.26	1	16
82240	4	2	7	33	.1	12	6	72	1.45	5	5	ND	11	4	.2	2	2	10	.06	.013	11	34	.49	103	.02	2	.56	.03	.35	1	22
82241	1	22	7	21	.1	11	6	222	1.66	2	5	ND	12	7	.2	2	2	7	.23	.016	12	5	.45	31	.02	2	.55	.01	.40	1	8
82242	6	14	11	15	.1	15	4	149	1.59	2	5	ND	11	8	.2	2	2	7	.20	.011	15	42	.09	66	.01	2	.30	.03	.21	1	11
82243	1	22	15	84	.1	11	7	293	1.50	5	5	ND	12	13	.7	2	2	6	.29	.015	15	5	.32	110	.01	2	.39	.02	.27	1	19
82244	4	11	14	27	.1	13	5	289	1.35	2	5	ND	14	16	.2	2	2	7	.64	.012	19	36	.27	87	.02	2	.43	.03	.24	1	30
82245	1	20	12	41	.1	10	6	218	1.62	2	5	ND	12	6	.2	2	2	9	.11	.014	19	8	.55	83	.02	2	.69	.03	.30	1	7
82246	2	20	12	358	.1	21	11	272	2.39	2	7	ND	15	3	2.3	2	2	7	.06	.023	21	25	.57	42	.02	2	1.06	.01	.29	1	2
82247	1	26	28	114	.1	19	8	302	2.50	3	5	ND	13	3	.5	2	2	7	.06	.020	20	10	.48	53	.01	2	1.03	.01	.21	1	2
82248	1	10	268	15	1.6	6	2	65	.40	2	5	ND	3	7	.4	2	5	4	.11	.004	8	21	.09	10	.03	2	.26	.03	.05	1	1
82249	1	11	8	8	.1	3	2	89	.92	2	5	ND	13	2	.2	2	2	2	.01	.009	32	2	.04	98	.01	2	.25	.02	.09	1	21
82250	4	21	22	23	.1	13	8	1032	1.82	3	5	ND	19	2	.2	2	2	6	.01	.015	45	39	.01	192	.01	2	.51	.02	.13	1	37
82251	1	23	23	20	.1	5	2	159	1.97	2	5	ND	16	3	.2	2	2	8	.01	.020	39	2	.01	57	.01	2	.52	.02	.13	1	35
82252	3	58	63	37	.1	10	7	445	1.68	2	5	ND	14	1	.3	2	2	11	.01	.015	39	26	.02	78	.01	2	.52	.01	.16	1	9
82253	3	55	23	25	.1	11	5	310	1.82	2	6	ND	14	2	.2	2	2	5	.01	.020	47	8	.01	49	.01	2	.50	.02	.15	1	18
82254	2	17	58	76	.1	9	3	114	1.65	2	5	ND	13	5	.2	2	2	5	.01	.021	38	7	.03	50	.01	2	.47	.02	.15	1	21
82255	3	41	39	58	.1	11	5	213	1.31	2	5	ND	13	1	.4	2	2	5	.01	.012	39	9	.01	50	.01	2	.31	.02	.10	2	2
82256	2	51	14	46	.1	7	3	228	1.08	2	5	ND	17	2	.2	2	2	3	.01	.010	45	6	.01	97	.01	2	.29	.02	.14	1	1
82257	2	57	25	40	.1	10	4	228	1.71	5	5	ND	16	2	.2	2	2	5	.01	.019	43	7	.01	62	.01	2	.49	.01	.14	1	1
82258	4	15	49	32	.3	8	1	26	1.98	3	5	ND	12	5	.2	2	2	3	.01	.017	33	6	.01	328	.01	2	.36	.02	.17	1	59
82259	1	28	75	91	.1	13	9	329	2.19	2	5	ND	13	5	.2	2	2	3	.04	.040	22	6	.02	335	.01	2	.45	.01	.19	1	1
82260	3	44	53	94	.1	7	5	217	2.62	9	5	ND	16	2	.3	2	2	3	.01	.030	43	3	.01	66	.01	2	.59	.01	.16	1	5
82261	1	21	45	83	.1	9	7	378	1.98	2	5	ND	19	1	.6	2	2	8	.01	.020	53	5	.03	68	.01	2	.42	.01	.20	1	1
82262	1	56	38	46	.1	10	6	211	1.58	2	5	ND	14	2	.2	2	2	19	.01	.015	46	5	.24	58	.01	2	.77	.01	.14	1	13
82263	2	193	47	27	.1	9	6	284	1.21	2	5	ND	15	2	.2	2	2	6	.01	.013	45	8	.03	58	.01	2	.45	.02	.13	2	260
82264	2	77	33	42	.1	9	6	439	1.35	2	6	ND	17	2	.3	2	2	9	.01	.017	46	5	.02	85	.01	2	.42	.01	.16	1	36
82265	2	28	219	39	.5	10	4	176	1.92	2	8	ND	16	3	.2	2	4	7	.01	.021	40	7	.01	60	.01	2	.54	.01	.17	1	33
82266	1	37	38	58	.1	8	6	477	1.49	4	5	ND	17	3	.8	2	2	11	.01	.012	50	2	.02	100	.01	2	.47	.02	.14	1	38
82267	3	28	24	65	.1	12	4	338	.91	6	5	ND	15	3	.5	2	2	5	.02	.013	35	36	.05	58	.01	2	.35	.03	.11	1	1
82268	1	85	534	374	.1	5	6	291	2.15	8	6	ND	13	2	1.4	2	2	13	.01	.020	37	2	.01	99	.01	2	.41	.02	.17	1	120
82269	19	100	321	71	1.7	7	1	18	1.88	2	5	8	17	6	.3	2	2	12	.01	.008	42	32	.01	870	.01	2	.31	.01	.18	1	10060
82270	4	895	1009	425	2.2	3	2	174	1.59	2	5	4	10	6	3.5	2	4	3	.01	.018	25	2	.01	286	.01	2	.53	.01	.13	1	2630
82271	3	125	299	203	.2	10	7	264	1.40	4	5	ND	11	2	.6	2	2	6	.01	.015	34	23	.03	75	.01	2	.39	.02	.16	1	140
82272	1	93	140	79	.1	7	6	283	1.90	2	5	ND	11	3	.3	2	2	4	.01	.015	35	2	.01	52	.01	3	.38	.02	.14	1	64
82273	3	62	800	180	.1	8	4	185	1.96	11	5	ND	15	2	.4	2	2	4	.01	.026	42	22	.01	35	.01	2	.59	.01	.15	1	25
82274	1	243	862	49	8.2	2	3	47	2.11	2	8	52	11	27	.2	2	17	5	.01	.013	27	3	.01	1629	.01	2	.32	.01	.15	1	53600
STANDARD C/AU-R	18	57	38	131	6.9	71	32	1052	3.96	43	21	7	39	55	19.7	14	19	57	.46	.092	38	59	.89	182	.07	34	1.89	.06	.14	11	480

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 22 1990 DATE REPORT MAILED: Oct 24/90 . SIGNED BY. .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Bapty Research Limited PR ECT DAVID FILE # 90-5572

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82532	1	23	6	272	.1	15	5	235	1.13	2	5	ND	10	2	3.6	2	2	3	.03	.015	16	9	.37	53	.01	2	.39	.01	.23	2	6
D 82533	19	21	71	204	.1	15	8	301	1.99	4	5	ND	14	3	2.0	2	2	31	.02	.015	8	17	1.37	78	.02	4	1.10	.01	.85	1	8
D 82534	1	12	52	198	.1	12	8	318	1.59	5	5	ND	12	5	2.5	2	2	5	.04	.018	16	7	.27	111	.01	2	.49	.01	.27	1	8
D 82535	2	4	35	148	.1	14	6	133	1.27	2	5	ND	9	11	2.7	2	2	5	.11	.011	12	6	.22	43	.01	2	.31	.02	.16	1	17
D 82536	1	9	43	205	.1	16	23	478	3.03	5	5	ND	8	13	1.9	2	2	6	.21	.008	7	12	.55	64	.01	5	.41	.02	.22	1	19
D 82537	1	14	14	107	.1	13	9	163	1.40	8	5	ND	13	6	.5	2	2	6	.05	.019	16	6	.30	102	.01	5	.51	.02	.27	1	13
D 82538	1	16	22	52	.1	9	5	139	.94	4	5	ND	14	2	.8	2	2	4	.02	.012	24	11	.23	41	.01	2	.55	.02	.18	1	2
D 82539	3	12	224	64	1.6	7	6	181	1.03	2	5	ND	14	10	.3	2	8	7	.01	.014	22	13	.47	971	.01	2	.75	.04	.14	1	13
D 82540	1	23	74	66	.1	17	8	149	1.74	4	5	ND	12	2	.2	2	2	6	.06	.020	12	12	.51	39	.01	4	.87	.01	.24	1	5
D 82542	1	13	10	50	.1	17	8	67	2.26	4	5	ND	12	5	.5	2	2	14	.07	.024	11	11	.55	42	.02	5	.79	.04	.42	1	6
D 82543	2	14	14	51	.1	16	9	83	2.09	9	5	ND	12	3	1.3	2	4	15	.04	.015	8	14	.69	52	.02	3	.84	.03	.51	2	16
D 82544	2	15	34	40	.1	13	6	289	1.23	4	11	ND	10	12	.5	2	4	5	.45	.009	13	9	.23	129	.02	2	.39	.03	.17	1	7
D 82545	1	15	65	47	.1	9	3	75	1.03	3	5	ND	12	3	.2	2	2	6	.04	.011	16	11	.33	49	.01	2	.50	.03	.17	1	3
STANDARD C/AU-R	18	58	45	134	6.9	73	31	1051	3.93	41	17	7	38	52	18.6	15	20	56	.45	.096	36	59	.89	183	.07	35	1.89	.06	.14	13	550

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6[illegible])253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5572 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: S. SANDERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82296	2	12	24	28	.1	8	8	252	1.60	4	5	ND	16	3	.2	2	3	6	.03	.012	23	4	.08	38	.01	2	.55	.02	.07	1	41
D 82297	1	15	12	38	.2	8	7	929	1.49	4	5	ND	15	3	.3	2	2	5	.02	.013	36	3	.03	141	.01	2	.57	.02	.12	1	39
D 82298	3	37	45	69	.3	10	8	336	2.80	31	5	ND	19	3	.2	2	5	4	.02	.033	42	3	.03	62	.01	2	.61	.01	.22	1	13
D 82299	2	47	40	83	.3	11	11	303	3.55	16	5	ND	21	2	.2	2	12	6	.01	.042	47	2	.02	51	.01	3	.54	.01	.21	1	34
D 82300	1	36	21	61	.1	9	7	111	2.32	2	5	ND	23	2	.4	2	5	3	.01	.027	49	3	.02	40	.01	2	.54	.01	.22	1	18
D 82501	1	27	8	32	.3	6	7	190	1.65	2	5	ND	20	4	.2	2	4	3	.01	.020	46	2	.02	74	.01	2	.46	.01	.23	1	21
D 82502	1	42	17	49	.3	11	8	634	2.47	4	5	ND	18	3	.3	2	8	7	.01	.020	38	2	.02	96	.01	2	.51	.02	.14	1	150
D 82503	2	18	11	42	.1	9	5	279	1.35	5	5	ND	22	2	.2	2	2	6	.01	.011	46	5	.01	53	.01	2	.40	.02	.08	1	140
D 82504	2	19	45	46	.5	7	4	121	1.35	5	5	ND	19	2	.2	2	2	7	.01	.018	39	5	.01	42	.01	2	.47	.03	.11	2	65
D 82505	1	38	27	31	.5	6	4	186	1.62	7	5	ND	17	3	.2	2	4	5	.01	.019	44	2	.02	46	.01	3	.43	.02	.14	2	330
D 82506	1	170	12	25	.6	7	6	353	1.19	4	5	ND	13	3	.2	3	2	5	.01	.012	29	3	.02	44	.01	2	.38	.03	.10	1	350
D 82507	2	89	15	30	.1	15	9	361	1.51	4	5	ND	10	2	.2	2	2	7	.01	.013	29	5	.01	37	.01	2	.37	.03	.08	1	81
D 82508	5	45	194	31	1.8	7	3	124	1.19	6	5	ND	12	3	.2	2	2	2	.01	.014	31	5	.01	26	.01	2	.33	.02	.09	1	160
D 82509	1	100	23	25	.6	7	4	313	.97	8	5	ND	19	2	.2	2	2	5	.01	.013	40	4	.02	48	.01	2	.41	.02	.15	2	110
D 82510	2	95	18	19	.1	9	7	329	1.22	2	5	ND	18	3	.2	2	2	5	.01	.012	44	5	.01	49	.01	2	.41	.03	.10	2	170
D 82511	3	43	14	21	.1	10	3	157	1.24	4	5	ND	14	3	.2	2	2	3	.01	.012	31	7	.02	30	.01	5	.32	.03	.13	2	120
D 82512	2	36	39	29	.5	8	4	109	2.00	4	5	ND	16	2	.2	2	5	6	.01	.018	31	5	.02	65	.01	3	.39	.02	.16	1	36
D 82513	1	120	11	39	.2	11	9	512	1.71	4	5	ND	15	3	.2	2	2	3	.02	.023	30	3	.02	66	.01	2	.42	.02	.20	2	63
D 82514	3	394	104	92	.3	10	9	258	2.14	11	5	ND	15	2	.3	2	4	3	.03	.030	23	3	.13	31	.01	2	.35	.01	.20	1	12
D 82515	1	53	23	127	.2	15	11	361	2.20	7	5	ND	16	5	.5	2	4	2	.05	.025	30	3	.09	42	.01	2	.37	.01	.21	1	4
D 82516	2	67	25	159	.5	14	9	1052	2.03	5	5	ND	21	3	1.1	2	2	6	.01	.016	51	4	.03	174	.01	3	.50	.02	.17	1	45
D 82517	2	43	37	61	.3	16	7	647	1.51	2	5	ND	11	3	.6	2	2	7	.01	.012	28	5	.01	82	.01	2	.45	.04	.07	1	33
D 82518	2	45	18	66	.3	14	8	496	1.57	2	5	ND	16	3	.6	2	2	7	.01	.011	37	5	.01	79	.01	2	.40	.03	.13	2	340
D 82519	2	82	81	98	.6	23	9	385	3.23	9	5	2	24	4	.6	2	4	26	.01	.021	51	6	.03	63	.01	2	.62	.02	.14	1	2960
D 82520	2	101	40	79	.4	16	13	892	2.15	5	5	ND	18	3	1.3	3	2	12	.01	.025	43	4	.02	107	.01	2	.49	.01	.15	1	24
D 82521	1	62	22	63	.1	10	10	322	1.82	4	5	ND	17	3	.3	2	2	9	.01	.016	46	3	.02	59	.01	2	.48	.01	.16	1	16
D 82522	1	87	58	43	.1	10	6	456	1.09	3	5	ND	19	2	.4	2	2	8	.01	.011	46	4	.01	73	.01	2	.42	.02	.11	2	27
D 82523	2	105	407	126	.8	10	5	414	1.15	2	5	ND	17	3	.4	2	2	10	.01	.013	47	6	.01	61	.01	2	.48	.02	.09	1	24
D 82524	2	150	723	147	1.3	8	4	328	1.66	4	5	ND	15	3	.3	2	8	9	.02	.020	35	4	.01	37	.01	4	.41	.01	.12	1	320
D 82525	2	211	592	168	.1	10	6	292	1.74	2	5	ND	10	2	.3	2	2	14	.01	.016	36	3	.01	29	.01	2	.35	.01	.11	2	330
D 82526	2	287	1329	275	.4	11	7	218	1.67	5	5	ND	10	2	.4	2	2	21	.01	.016	25	4	.02	26	.01	2	.46	.01	.10	1	400
D 82527	2	370	1107	337	.2	11	7	352	1.85	5	5	ND	17	3	.6	2	2	10	.02	.022	41	5	.07	45	.01	2	.71	.01	.13	1	190
D 82528	3	251	1883	346	.6	13	8	193	1.80	5	5	ND	14	8	4.0	2	2	5	.03	.024	18	5	.11	103	.01	3	.44	.01	.17	1	61
D 82529	1	200	190	525	.1	10	6	277	1.26	2	5	ND	11	3	9.6	2	2	2	.03	.013	16	4	.33	37	.01	2	.29	.01	.16	1	60
D 82530	3	114	337	290	.1	11	12	287	1.83	5	5	ND	17	5	1.7	2	2	8	.01	.011	23	4	.11	212	.01	2	.42	.01	.23	1	13
D 82531	1	166	287	203	.2	8	8	285	2.28	8	5	ND	20	5	.8	2	2	4	.01	.021	26	2	.15	211	.01	3	.42	.01	.19	1	28
STANDARD C/Au-R	19	57	37	130	6.6	72	32	1052	3.97	39	18	7	38	53	18.8	14	20	55	.45	.096	38	56	.89	181	.07	33	1.89	.06	.14	11	530

D-90-09

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 26 1990 DATE REPORT MAILED: Oct 31/90. SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ASSAY IN PROGRESS for Au > 500 ppb

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	AU* ppb
D 82546	1	10	82	82	.1	10	5	326	1.70	7	5	ND	15	7	.2	2	2	9	.06	.014	37	8	.17	63	.02	2	.85	.02	.15	1	14
D 82547	1	13	223	97	.1	9	5	804	1.37	2	5	ND	18	4	.5	2	2	8	.02	.011	48	5	.06	82	.01	2	.67	.02	.15	1	12
D 82548	1	9	26	78	.1	9	5	461	1.38	6	5	ND	16	4	.2	2	2	9	.03	.011	42	5	.06	70	.01	2	.63	.01	.14	1	3
D 82549	1	16	55	115	.1	9	9	631	1.99	2	5	ND	15	4	.7	2	2	7	.03	.020	45	3	.03	99	.01	2	.57	.01	.21	1	17
D 82550	1	28	245	112	.5	5	5	176	2.31	2	5	ND	18	4	.3	2	2	5	.02	.031	54	4	.03	36	.01	2	.72	.02	.17	1	4
D 82551	1	7	68	37	.3	6	4	182	1.07	2	5	ND	10	3	.2	2	2	5	.02	.013	35	3	.02	23	.01	2	.51	.03	.10	1	13
D 82552	1	9	22	61	.2	9	5	292	1.91	5	5	ND	12	4	.4	2	2	8	.02	.017	28	6	.04	32	.01	2	.53	.03	.11	1	82
D 82553	1	39	26	37	.1	12	6	65	2.75	10	5	ND	16	2	.2	2	2	3	.02	.034	25	3	.02	38	.01	3	.49	.01	.26	1	32
D 82554	1	31	11	68	.1	9	5	44	1.99	2	5	ND	16	2	.2	2	2	2	.02	.029	31	3	.02	37	.01	3	.45	.01	.24	1	43
D 82555	1	31	7	58	.1	8	7	397	1.84	3	5	ND	19	2	.2	2	2	6	.01	.027	49	3	.02	57	.01	2	.52	.01	.24	1	50
D 82556	1	42	12	64	.1	16	22	747	2.55	4	5	ND	19	4	.4	2	2	9	.02	.050	46	4	.04	67	.01	2	.91	.01	.23	1	41
D 82557	1	48	26	51	.1	19	21	749	1.79	3	5	ND	13	3	.7	2	2	8	.02	.047	43	5	.03	49	.01	2	.91	.04	.24	1	59
D 82558	1	25	6	21	.1	7	5	454	1.21	5	5	ND	15	3	.2	2	2	2	.01	.011	46	5	.01	134	.01	2	.29	.02	.11	1	129
D 82559	1	28	7	33	.1	7	4	243	1.19	6	5	ND	26	2	.2	2	2	4	.01	.012	65	4	.02	52	.01	3	.36	.02	.15	1	48
D 82560	1	26	19	18	.2	8	4	167	1.44	6	5	ND	17	3	.2	2	2	4	.01	.015	30	5	.02	133	.01	2	.37	.02	.18	1	490
D 82561	1	28	9	16	.1	5	4	310	1.05	4	5	ND	12	2	.2	2	2	3	.01	.011	27	3	.01	82	.01	2	.36	.02	.11	1	150
D 82562	1	45	12	9	.2	3	1	17	2.22	4	5	3	17	4	.2	2	2	4	.01	.016	58	4	.02	29	.01	2	.39	.01	.19	1	2810
D 82563	1	45	34	27	.3	6	5	489	1.91	5	5	ND	12	4	.2	2	2	4	.02	.017	37	2	.03	65	.01	2	.42	.02	.13	1	2490
D 82564	1	39	19	6	.1	4	1	18	1.24	4	5	ND	12	2	.2	2	2	3	.01	.008	35	4	.01	26	.01	2	.29	.02	.15	1	129
D 82565	3	60	41	15	.2	8	5	509	.83	5	5	ND	10	3	.2	2	2	3	.01	.009	31	24	.02	50	.01	2	.35	.02	.09	1	240
D 82566	1	30	16	13	.2	5	2	84	1.96	5	5	ND	15	2	.2	2	2	4	.01	.016	39	5	.02	37	.01	2	.33	.01	.20	1	270
D 82567	1	62	47	40	.2	7	12	439	2.34	5	5	ND	21	3	.2	2	2	9	.01	.026	55	2	.02	55	.01	2	.50	.01	.19	1	220
D 82568	1	24	16	44	.1	8	4	349	1.26	4	5	ND	10	2	.2	2	2	2	.01	.015	31	3	.01	38	.01	2	.28	.02	.09	1	129
D 82569	4	27	76	35	.2	9	5	277	1.55	4	5	ND	15	3	.2	2	2	4	.01	.018	39	33	.01	38	.01	2	.35	.03	.07	1	680
D 82570	1	51	29	13	.4	6	3	85	1.38	6	5	ND	18	2	.2	2	2	4	.01	.014	43	5	.01	34	.01	2	.35	.02	.13	1	660
D 82571	1	46	100	39	.3	8	5	292	2.13	8	5	ND	16	3	.2	2	2	6	.01	.018	47	3	.01	56	.01	3	.46	.02	.13	1	143
STANDARD C/AU-R	18	58	39	130	7.1	72	31	1052	3.99	41	20	7	40	52	19.9	15	19	59	.45	.094	40	61	.89	178	.07	33	1.89	.06	.14	13	550

ASSAY IN PROGRESS for Au > 500 ppb

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82572	2	27	12	13	.2	6	1	40	1.21	2	5	ND	9	5	.2	2	2	4	.01	.009	29	8	.02	39	.02	3	.53	.21	.19	2	87
D 82573	1	63	40	60	.1	14	11	384	2.34	2	5	ND	15	2	.2	2	2	14	.01	.017	43	5	.03	92	.01	3	.73	.03	.29	1	83
D 82574	2	76	34	63	.1	17	9	460	4.04	7	5	ND	14	3	.2	2	2	10	.01	.022	28	7	.06	97	.02	3	.82	.03	.37	1	590
D 82575	1	45	13	63	.1	14	10	346	2.42	3	5	ND	13	7	.2	2	2	3	.07	.020	27	5	.27	59	.01	3	.61	.04	.33	1	3
D 82576	3	145	19	215	.1	12	4	310	1.25	3	5	ND	10	29	1.3	2	2	3	.28	.016	24	10	.16	45	.01	2	.44	.06	.23	2	1
D 82577	3	54	203	141	.4	13	5	337	1.50	2	5	ND	13	8	.2	2	2	5	.06	.013	23	7	.09	39	.01	2	.40	.04	.23	1	64
D 82578	2	69	75	53	.1	11	6	539	1.96	2	5	ND	11	4	.2	2	2	4	.02	.014	29	8	.04	80	.01	2	.47	.06	.20	1	48
D 82579	2	210	12	50	.2	18	13	405	2.50	2	5	ND	13	7	.2	2	2	4	.07	.027	22	5	.35	59	.02	3	.53	.02	.33	1	31
D 82580	2	50	11	37	.1	13	7	147	1.78	2	5	ND	14	5	.2	2	2	5	.02	.019	32	8	.05	84	.02	3	.58	.04	.31	2	41
D 82581	1	117	25	22	.1	7	5	196	1.01	2	5	ND	18	9	.2	2	2	5	.01	.011	50	7	.03	482	.01	3	.56	.07	.21	1	93
D 82582	2	135	94	40	.2	13	5	292	1.42	2	5	ND	15	5	.2	2	2	10	.01	.012	37	10	.02	226	.01	3	.52	.05	.18	2	450
D 82583	2	158	195	109	.2	11	5	132	1.91	2	5	4	14	8	.2	2	2	19	.01	.013	37	8	.03	571	.01	3	.64	.03	.33	1	3640
D 82584	7	38	502	92	.1	12	3	192	.66	2	5	ND	4	3	.2	2	2	15	.02	.009	13	66	.02	27	.01	2	.22	.01	.10	1	1770
D 82585	1	25	301	83	.1	3	2	92	1.20	2	5	ND	6	4	.2	2	2	7	.02	.011	15	3	.03	121	.01	4	.41	.02	.15	1	760
D 82586	6	1488	7115	4024	4.9	22	8	24	2.36	3	5	22	11	3	52.0	2	4	6	.01	.008	27	52	.02	44	.01	4	.36	.01	.19	1	24300
D 82587	1	291	4930	5631	2.2	8	5	32	1.65	3	5	6	9	5	56.8	2	2	6	.03	.009	20	4	.03	39	.01	4	.41	.04	.18	1	7350
D 82588	5	64	1150	181	.3	15	5	224	1.59	2	5	ND	10	6	.6	2	2	6	.03	.011	20	50	.05	180	.01	3	.48	.08	.20	1	110
D 82589	1	38	282	114	.3	9	9	443	1.46	2	5	ND	13	4	.6	2	2	5	.01	.013	33	4	.02	80	.01	2	.58	.10	.18	1	47
D 82590	3	40	88	53	.1	17	10	153	2.45	5	5	ND	15	2	.2	3	2	6	.01	.020	24	33	.07	88	.02	2	.85	.03	.41	1	15
D 82591	1	62	260	125	.2	13	10	524	2.30	3	5	ND	17	4	.2	2	2	8	.02	.015	31	6	.21	143	.02	7	.97	.01	.44	1	6
D 82592	4	23	38	82	.1	17	5	70	1.85	3	5	ND	12	4	.2	2	2	17	.02	.010	15	47	.56	77	.03	3	1.02	.06	.59	1	2
D 82593	1	7	5	65	.1	12	6	114	1.71	2	5	ND	10	3	.2	2	2	17	.03	.011	12	7	.83	57	.03	3	1.00	.03	.69	1	1
D 82594	4	14	33	63	.1	19	8	102	1.87	9	5	ND	12	2	.2	2	2	50	.02	.012	15	49	2.27	41	.03	2	1.73	.03	.81	1	4
D 82595	1	13	28	56	.1	12	5	114	1.71	2	5	ND	10	2	.2	2	2	10	.02	.010	14	10	2.20	43	.01	2	1.77	.01	.23	1	3
D 82596	1	9	125	40	.1	13	7	61	1.49	4	5	ND	8	1	.2	2	2	17	.02	.011	12	10	1.14	34	.03	2	1.14	.01	.61	1	3
D 82597	2	8	522	105	1.9	14	4	80	1.75	4	5	ND	9	2	.5	2	6	29	.02	.008	11	16	1.42	32	.03	5	1.24	.02	.92	1	1
D 82598	12	11	414	58	12.1	16	4	67	1.76	2	5	ND	8	2	.2	2	41	43	.01	.006	11	18	.94	32	.02	3	.90	.01	.72	3	6
D 82599	2	8	315	73	.1	15	10	173	1.90	5	5	ND	8	1	.2	2	2	22	.02	.010	11	14	2.05	38	.03	8	1.75	.01	.72	1	11
D 82600	1	14	29	43	.1	19	7	175	2.19	4	5	ND	14	2	.2	2	2	9	.06	.019	20	16	1.32	43	.02	2	1.61	.02	.33	1	2
D 82601	1	38	28	94	.1	17	8	209	2.61	4	5	ND	19	3	.2	2	2	9	.06	.025	26	12	.81	105	.02	2	1.50	.01	.37	1	1
D 82602	4	92	102	178	.2	27	11	402	2.99	12	5	ND	13	4	.8	2	2	13	.09	.040	14	15	.81	135	.04	2	1.45	.04	.42	1	1
D 82603	1	186	36	93	.3	29	29	691	6.32	11	5	ND	5	17	.2	2	2	177	.49	.038	11	8	1.29	56	.19	2	2.52	.06	.16	1	11
D 82604	1	30	68	228	.1	11	12	135	1.80	7	5	ND	16	2	.2	2	2	16	.01	.013	49	6	.30	65	.01	2	1.15	.01	.24	1	4
D 82605	1	28	74	290	.1	15	10	222	2.35	4	5	ND	18	2	.2	2	2	12	.03	.021	51	13	.38	72	.01	2	1.48	.01	.23	1	3
D 82606	1	28	56	120	.1	9	7	206	1.90	2	5	ND	18	2	.2	2	2	14	.01	.017	48	4	.13	69	.01	2	1.00	.01	.18	1	16
D 82607	1	32	58	89	.1	12	8	468	1.42	2	5	ND	11	2	.2	2	2	15	.01	.012	34	12	.05	70	.01	2	.82	.02	.13	1	4
STANDARD C/AU-R	18	58	39	132	7.2	73	32	1052	3.99	40	22	7	39	52	18.8	14	19	58	.45	.093	39	59	.89	187	.07	34	1.85	.06	.13	11	530

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82608	1	32	69	162	.1	10	7	448	1.71	6	5	ND	15	4	.2	4	2	19	.02	.014	45	4	.10	79	.01	2	1.03	.02	.19	1	15
D 82609	1	26	47	127	.1	13	6	120	1.75	3	5	ND	15	5	.2	3	2	20	.02	.018	47	11	.16	70	.01	2	1.31	.02	.22	1	12
D 82610	1	39	41	166	.1	15	16	127	3.76	11	5	ND	19	7	.2	2	2	26	.04	.037	50	7	.28	66	.01	2	1.34	.01	.28	1	10
D 82611	1	44	39	153	.1	15	9	74	2.65	57	5	ND	18	5	.2	2	2	18	.03	.022	49	12	.35	76	.01	2	1.36	.01	.32	1	5
D 82612	1	30	23	196	.1	22	11	199	3.04	10	5	ND	19	7	.2	2	2	17	.05	.018	52	14	.53	76	.01	2	1.65	.01	.29	1	4
D 82613	1	32	36	221	.3	20	12	1059	2.11	11	5	ND	20	11	1.5	2	2	18	.07	.017	59	10	.24	121	.01	2	1.01	.01	.27	1	8
D 82614	1	27	27	111	.2	8	3	256	1.02	2	5	ND	17	3	.2	2	2	6	.02	.006	32	7	.17	44	.01	2	.70	.04	.10	1	5
D 82615	2	13	14	69	.1	11	3	320	.88	2	5	ND	19	4	.2	2	2	5	.02	.006	36	21	.10	52	.01	2	.65	.04	.11	1	5
D 82616	1	12	29	89	.3	9	10	232	1.77	2	6	ND	18	4	.2	3	2	15	.02	.011	37	3	.10	35	.01	2	.86	.04	.11	1	12
D 82617	1	25	171	132	.3	11	6	432	1.69	2	5	ND	19	5	.2	3	2	16	.02	.013	46	14	.08	50	.01	2	.91	.03	.15	1	22
D 82618	1	16	166	89	.3	9	7	446	1.40	7	5	ND	18	3	.3	2	2	12	.01	.010	44	3	.02	52	.01	2	.52	.04	.07	1	29
D 82619	1	16	333	88	.3	7	3	122	1.08	3	5	ND	15	3	.2	2	2	8	.01	.010	41	17	.02	29	.01	2	.61	.04	.07	1	37
D 82620	1	52	178	51	.3	5	3	172	1.72	2	5	ND	21	4	.2	3	2	6	.02	.021	60	4	.05	56	.01	2	.90	.02	.17	1	18
D 82621	1	54	90	86	.3	10	9	576	1.22	3	5	ND	13	5	.2	3	2	6	.03	.013	34	16	.07	128	.01	2	.76	.03	.12	1	25
D 82622	1	73	143	88	.3	10	5	194	1.69	2	5	ND	14	3	.2	3	2	8	.02	.016	38	6	.08	43	.02	2	.73	.04	.14	1	34
D 82623	1	101	282	82	.1	10	9	178	2.69	2	5	ND	18	4	.2	2	2	15	.02	.032	48	11	.08	45	.01	2	1.08	.01	.18	1	28
D 82624	1	75	156	50	.2	3	1	18	1.47	2	8	ND	19	4	.2	3	2	3	.02	.022	53	3	.04	39	.01	2	.85	.02	.22	1	25
D 82625	1	74	219	74	.1	7	5	485	1.39	2	5	ND	16	4	.2	2	2	7	.02	.017	46	11	.06	91	.01	2	.83	.03	.14	1	56
D 82626	2	277	1294	99	.7	3	4	253	3.10	3	5	ND	22	4	.2	3	2	10	.02	.036	60	3	.03	64	.01	2	.81	.01	.22	1	130
D 82627	1	442	1038	115	2.4	4	2	31	3.27	2	5	13	18	4	.2	3	4	9	.02	.026	44	14	.05	46	.01	3	.72	.01	.27	1	11900
D 82628	1	184	1285	112	5.1	3	1	32	1.71	2	5	ND	7	2	.2	2	48	3	.01	.031	10	3	.02	18	.01	2	.29	.01	.07	1	950
D 82629	1	198	899	77	3.0	3	1	11	1.42	2	5	ND	13	2	.2	2	3	5	.01	.016	29	14	.03	23	.01	2	.77	.01	.17	1	430
D 82630	1	152	1102	95	1.4	2	1	15	1.79	2	5	ND	16	3	.2	2	3	3	.01	.019	49	3	.03	24	.01	2	.72	.01	.17	1	110
D 82631	1	92	950	84	.5	3	1	8	1.00	3	5	ND	14	4	.2	2	2	3	.01	.016	34	12	.04	26	.01	2	.75	.02	.19	1	43
D 82632	1	152	813	75	1.0	4	5	12	3.03	2	5	ND	12	2	.2	2	2	4	.01	.014	21	3	.03	26	.01	2	.72	.02	.17	1	69
D 82633	2	88	518	60	.3	4	1	11	1.29	2	5	ND	11	2	.2	2	2	3	.01	.008	26	19	.02	18	.01	2	.54	.04	.09	1	45
D 82634	1	97	833	54	.6	2	2	195	1.20	2	7	ND	13	3	.2	3	2	3	.01	.015	35	2	.01	28	.01	2	.49	.02	.14	1	980
D 82635	8	84	1817	122	.4	5	1	45	1.26	5	5	ND	12	3	.2	3	2	3	.04	.047	47	21	.04	61	.01	2	.55	.01	.19	1	370
D 82636	1	126	630	91	.3	3	2	48	1.85	2	6	ND	9	5	.2	3	3	5	.02	.014	69	2	.09	67	.01	2	.92	.01	.12	1	78
D 82637	2	87	658	84	.1	4	1	12	1.16	2	5	ND	12	6	.2	3	2	4	.05	.015	38	14	.08	64	.01	2	.87	.01	.14	1	51
D 82638	1	93	518	97	.1	2	1	36	2.36	2	5	ND	12	3	.2	3	2	3	.02	.009	37	2	.06	44	.01	2	.77	.01	.12	1	24
D 82639	1	97	335	75	.3	3	1	10	2.05	2	5	ND	17	3	.2	3	2	6	.02	.009	45	12	.05	35	.01	2	.86	.02	.18	1	90
D 82640	1	70	840	65	.3	2	2	14	1.54	2	5	ND	17	3	.2	2	2	3	.02	.024	33	2	.04	160	.01	2	.73	.01	.15	1	27
D 82641	3	72	311	60	.2	5	1	16	1.73	2	5	ND	13	3	.2	3	3	7	.02	.015	32	18	.07	38	.01	2	.74	.02	.15	1	98
D 82642	1	62	300	48	.2	2	2	16	2.02	2	5	ND	21	4	.2	4	2	6	.02	.020	60	3	.05	390	.01	2	.77	.01	.20	1	73
D 82643	1	17	101	27	.2	3	1	8	1.07	2	5	ND	18	3	.2	2	2	3	.01	.017	39	12	.05	160	.01	2	.58	.01	.23	1	21
STANDARD C/AU-R	18	57	37	132	7.0	73	31	1051	3.97	36	22	7	39	52	18.9	14	22	59	.45	.093	40	59	.89	187	.07	34	1.89	.06	.13	13	550

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82644	5	29	264	22	.4	8	3	11	2.39	4	5	ND	14	2	.2	3	2	13	.01	.016	20	5	.06	142	.01	2	.55	.01	.33	1	150
D 82645	1	35	202	17	.3	2	1	5	1.97	8	5	ND	18	1	.2	2	2	8	.01	.023	39	4	.05	66	.01	2	.55	.01	.29	1	27
D 82646	1	34	122	183	.1	15	11	443	2.22	2	5	ND	13	4	.2	2	2	17	.02	.015	40	5	.05	56	.01	2	.99	.03	.18	1	19
D 82647	1	22	26	140	.1	5	6	50	1.15	2	5	ND	20	5	.2	2	2	10	.03	.011	55	4	.12	64	.01	2	.85	.01	.37	1	4
D 82648	1	25	55	213	.2	9	9	140	1.45	2	5	ND	18	6	.2	2	2	8	.04	.011	43	4	.15	56	.01	2	1.04	.01	.26	1	9
D 82649	1	32	187	305	.1	13	15	410	1.95	2	5	ND	17	8	.2	2	2	17	.05	.014	47	3	.14	60	.01	2	1.28	.02	.21	1	13
D 82650	1	21	79	192	.1	11	8	227	1.68	2	5	ND	13	6	.2	2	2	11	.03	.008	42	4	.09	47	.01	2	1.06	.02	.17	1	10
D 82651	1	25	68	202	.1	8	15	277	1.58	2	5	ND	28	10	.2	2	2	18	.06	.018	78	3	.13	62	.01	2	1.06	.01	.33	1	16
D 82652	1	19	36	108	.1	8	6	138	1.13	2	5	ND	11	4	.2	2	2	6	.03	.007	38	4	.05	44	.01	2	.79	.03	.18	1	11
D 82653	1	32	40	158	.1	12	6	263	1.34	13	5	ND	20	5	.2	2	2	11	.04	.013	57	5	.12	84	.01	2	.95	.02	.34	1	7
D 82654	1	28	46	196	.1	20	11	197	3.10	20	5	ND	17	9	.2	2	2	13	.08	.022	52	10	.48	74	.01	2	1.49	.01	.30	1	5
D 82655	1	31	27	129	.1	15	6	84	2.81	19	5	ND	18	9	.2	2	2	13	.08	.027	45	10	.38	72	.01	2	1.37	.01	.29	1	9
D 82656	1	36	21	105	.1	14	7	194	2.80	8	5	ND	20	9	.2	2	2	12	.08	.028	53	10	.32	79	.01	2	1.38	.01	.31	1	3
D 82657	1	30	24	120	.1	21	10	342	2.97	20	5	ND	20	9	.2	2	2	14	.08	.019	54	10	.34	85	.01	2	1.45	.01	.37	1	7
D 82658	1	29	41	143	.1	26	17	581	3.46	29	5	ND	18	10	.3	2	2	16	.08	.023	48	12	.43	80	.01	2	1.53	.01	.28	1	1
D 82659	1	32	44	197	.1	23	23	256	3.65	26	5	ND	20	10	.2	2	2	23	.09	.024	51	10	.42	78	.01	2	1.67	.01	.31	1	12
D 82660	1	22	45	157	.1	14	8	152	1.81	15	5	ND	20	6	.2	2	2	10	.05	.013	54	8	.26	72	.01	2	1.28	.02	.30	1	5
D 82661	1	23	72	152	.2	9	7	177	1.35	2	6	ND	20	5	.2	3	2	6	.03	.014	51	4	.06	51	.01	2	.93	.03	.20	1	17
D 82662	1	19	24	65	.1	9	4	54	.95	5	5	ND	17	4	.2	2	2	8	.02	.010	46	5	.05	41	.01	2	.70	.04	.11	1	25
D 82663	1	12	52	74	.1	8	5	145	1.51	2	5	ND	11	2	.2	2	2	6	.01	.012	33	3	.03	36	.01	2	.47	.02	.15	1	14
D 82664	1	24	454	56	1.0	10	7	175	1.54	2	5	ND	15	2	.2	2	5	14	.01	.013	30	6	.04	40	.01	2	.60	.01	.19	1	29
D 82665	1	39	120	47	.1	10	9	271	1.10	4	5	ND	14	3	.2	2	2	5	.01	.010	43	3	.03	60	.01	2	.52	.02	.16	1	12
D 82666	1	54	78	63	.1	7	4	127	1.14	2	5	ND	20	4	.2	2	2	6	.03	.015	56	4	.07	64	.01	2	.74	.01	.26	1	15
D 82667	1	42	56	128	.1	9	6	316	1.14	2	5	ND	12	5	.2	2	2	6	.04	.010	36	3	.12	85	.01	2	.74	.02	.18	1	8
D 82668	1	49	52	85	.1	14	5	526	1.25	2	5	ND	12	4	.3	2	2	9	.02	.010	37	5	.04	98	.01	2	.68	.03	.14	1	23
D 82669	1	70	91	85	.1	12	5	224	1.59	2	5	ND	13	4	.2	2	2	12	.02	.012	37	5	.04	64	.01	2	.64	.03	.15	1	110
D 82670	1	69	172	60	.1	11	6	190	1.19	2	5	ND	10	3	.2	2	2	8	.02	.008	26	5	.03	34	.01	2	.53	.03	.11	1	43
D 82671	1	83	355	77	.1	10	5	228	1.17	2	5	ND	16	3	.2	2	2	12	.02	.016	47	5	.05	54	.01	2	.78	.02	.24	1	55
D 82672	4	163	909	162	.1	6	10	434	2.40	2	5	ND	20	4	.2	2	2	8	.02	.026	61	4	.04	82	.01	2	.74	.01	.20	1	47
D 82673	1	288	1473	169	.2	3	3	182	1.86	2	5	ND	18	3	.2	2	2	9	.01	.024	50	3	.04	51	.01	2	.77	.01	.25	1	2250
D 82674	2	672	4402	299	7.6	6	4	189	3.43	10	5	61	14	4	.2	3	19	38	.02	.047	39	9	.04	44	.01	3	.77	.01	.22	1	59800
D 82675	1	330	975	134	1.0	2	1	13	1.75	2	7	ND	11	3	.2	2	8	4	.02	.020	29	2	.03	27	.01	2	.77	.01	.14	1	650
D 82676	1	362	1610	109	9.9	3	1	17	2.32	2	5	2	17	4	.2	3	17	5	.03	.024	38	4	.06	36	.01	2	.89	.01	.17	1	1330
D 82677	1	139	1051	284	.7	5	5	259	1.06	2	5	ND	12	3	.6	2	2	2	.02	.011	34	3	.07	43	.01	2	.73	.04	.09	1	44
D 82678	1	100	599	122	.3	6	3	163	.79	4	5	ND	14	3	.2	2	2	2	.01	.008	35	5	.04	35	.01	2	.52	.04	.09	1	59
D 82679	1	69	449	105	.3	5	3	142	.72	3	8	ND	18	3	.2	2	2	3	.01	.009	42	4	.03	33	.01	2	.48	.04	.09	1	30
STANDARD C/AU-R	18	58	41	131	7.0	73	32	1050	3.95	38	23	7	39	52	18.9	15	19	58	.45	.093	39	58	.89	183	.07	34	1.89	.06	.13	13	470

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX (604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5719 Page 1
901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: S. SANDERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82766	10	3	11	79	.2	19	13	318	3.04	16	5	ND	11	8	2.2	2	2	8	.11	.022	23	11	1.15	67	.01	2	1.64	.04	.05	1	19
D 82767	1	3	6	34	.1	19	5	130	1.53	6	5	ND	15	9	.7	2	2	5	.10	.013	31	7	.50	58	.01	2	1.08	.04	.08	1	4
D 82768	1	35	19	65	.2	21	10	390	2.58	4	5	ND	15	5	.7	2	2	6	.06	.020	27	8	.50	101	.01	2	1.05	.01	.15	1	2
D 82769	1	22	5	34	.1	15	6	166	2.50	2	5	ND	15	2	.2	2	2	5	.02	.024	20	5	.20	34	.01	2	.68	.01	.19	1	7
D 82770	1	20	14	57	.1	20	10	337	3.27	21	5	ND	17	6	.2	2	2	9	.13	.048	21	13	.81	31	.01	2	1.55	.01	.17	1	1
D 82771	1	70	28	65	.2	22	12	411	3.38	25	5	ND	16	6	.2	2	2	11	.10	.035	33	15	.78	28	.01	2	1.56	.02	.15	1	1
D 82772	1	37	65	169	.1	23	11	442	3.42	16	5	ND	15	4	.3	2	2	10	.08	.026	36	15	.87	30	.01	2	1.62	.01	.15	1	5
D 82773	1	32	23	165	.1	20	9	387	3.13	7	5	ND	14	5	.3	2	2	9	.06	.019	26	14	.69	31	.02	2	1.44	.01	.14	1	7
D 82774	1	24	8	48	.1	19	9	407	2.99	7	5	ND	14	4	.2	2	2	9	.06	.023	27	15	.70	25	.02	2	1.40	.02	.12	1	1
D 82775	1	15	10	84	.1	20	10	560	2.83	9	5	ND	16	4	.2	2	2	10	.08	.033	30	13	.60	57	.02	2	1.28	.03	.17	1	1
D 82776	1	16	11	46	.2	15	8	219	2.27	4	5	ND	12	2	.2	2	2	12	.02	.013	13	10	.36	46	.02	2	.67	.03	.25	1	17
D 82777	1	28	7	46	.1	22	11	321	3.08	3	5	ND	15	3	.2	2	2	10	.04	.029	18	9	.68	52	.02	2	1.22	.01	.24	1	13
D 82778	1	14	2	42	.1	20	8	206	2.40	6	5	ND	14	2	.2	2	2	8	.05	.020	20	13	.96	30	.01	2	1.36	.01	.19	1	4
D 82779	1	26	7	63	.1	22	14	308	3.78	5	5	ND	14	2	.2	2	2	11	.04	.028	21	16	1.37	37	.01	2	1.79	.01	.18	1	8
D 82780	2	30	9	55	.2	20	8	164	3.18	7	5	ND	15	2	.2	2	2	10	.04	.026	15	17	1.16	22	.01	2	1.52	.01	.16	1	2
D 82781	1	18	9	13	.1	8	5	20	2.41	3	5	ND	16	2	.2	2	2	13	.01	.005	20	7	.22	29	.01	2	.94	.02	.18	1	7
D 82782	1	25	37	52	.2	18	7	263	3.10	8	5	ND	12	4	.2	2	2	9	.06	.034	21	12	.58	27	.02	2	1.23	.02	.13	1	5
D 82783	1	19	32	100	.1	23	11	363	2.85	10	5	ND	14	7	.2	2	2	8	.12	.045	23	12	.56	40	.01	2	1.31	.01	.17	1	1
D 82784	1	17	29	112	.1	17	8	334	2.52	7	5	ND	12	5	.4	2	2	7	.05	.018	25	11	.51	30	.01	2	1.05	.01	.13	1	4
D 82785	1	9	34	82	.2	8	3	179	1.51	6	5	ND	11	3	.2	2	2	6	.02	.008	17	9	.71	20	.01	2	.93	.02	.07	1	4
D 82786	1	17	98	46	.1	8	4	51	2.67	8	5	ND	13	3	.2	2	2	14	.02	.014	24	9	.34	22	.01	2	1.00	.02	.11	1	5
D 82787	1	10	12	58	.1	6	2	109	1.24	6	5	ND	12	3	.2	2	2	5	.02	.011	24	7	.44	22	.01	2	.77	.02	.09	1	1
D 82788	2	9	8	98	.1	10	3	173	1.69	10	5	ND	7	3	.2	2	2	5	.02	.010	21	10	.63	18	.01	2	.87	.03	.05	1	1
D 82789	1	14	19	73	.1	6	2	91	1.53	7	5	ND	9	3	.2	2	2	7	.02	.012	23	8	.32	15	.01	2	.71	.02	.06	1	2
D 82790	1	11	50	108	.1	10	7	274	1.11	5	5	ND	17	4	.2	2	2	5	.03	.017	53	8	.28	47	.01	2	.73	.02	.17	1	1
D 82791	1	15	49	112	.1	8	3	267	1.33	6	5	ND	12	3	.2	2	2	5	.02	.014	25	7	.24	43	.01	2	.62	.02	.10	1	15
D 82792	1	18	21	94	.1	29	10	369	2.92	9	5	ND	15	5	.2	2	2	10	.08	.026	33	15	.65	53	.02	2	1.41	.02	.19	1	4
D 82793	1	19	15	68	.1	22	11	389	3.43	6	5	ND	18	6	.2	2	2	10	.09	.025	36	15	.81	43	.02	2	1.61	.02	.19	1	3
D 82794	1	17	12	49	.1	18	10	338	2.37	7	5	ND	16	4	.2	2	2	8	.06	.021	30	10	.49	49	.02	2	.98	.02	.20	1	6
D 82795	1	22	29	64	.1	14	7	403	2.07	8	5	ND	15	5	.2	2	2	7	.06	.024	33	9	.36	37	.03	2	.90	.02	.13	1	4
D 82796	1	39	56	140	.1	26	13	572	3.88	10	5	ND	16	9	.2	2	3	11	.12	.046	44	19	1.13	36	.01	2	1.86	.01	.16	1	1
D 82797	1	36	63	140	.1	23	10	386	3.13	10	5	ND	17	4	.2	2	2	9	.07	.033	38	15	.73	40	.02	2	1.41	.01	.18	1	3
D 82798	1	27	108	73	.3	15	8	552	3.90	5	5	ND	23	5	.2	2	2	12	.05	.043	29	10	.57	46	.01	2	1.40	.02	.20	1	25
D 82799	1	25	42	98	.1	16	5	263	2.74	9	5	ND	18	6	.2	2	2	8	.06	.031	38	12	.72	31	.01	2	1.28	.01	.15	1	3
D 82800	1	27	46	81	.1	12	4	199	2.19	6	5	ND	18	5	.2	2	2	6	.03	.019	30	10	.51	29	.01	2	1.06	.01	.14	1	2
D 82801	1	14	55	88	.2	9	4	264	1.46	4	5	ND	14	3	.2	2	2	5	.03	.015	26	9	.31	33	.02	2	.78	.02	.10	1	2
STANDARD C/AU-R	18	58	39	131	6.9	71	32	1053	3.97	42	20	7	38	53	19.0	18	20	56	.46	.093	38	57	.90	182	.07	34	1.90	.06	.14	13	530

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 2 1990 DATE REPORT MAILED: Nov 8/90. SIGNED BY..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82680	1	118	605	92	.3	4	3	198	1.69	6	5	ND	16	3	.2	3	2	5	.01	.019	35	3	.03	56	.01	2	.61	.04	.16	1	56
D 82681	1	94	413	60	.5	7	11	298	1.51	21	5	ND	11	4	.2	2	2	3	.01	.010	23	2	.04	513	.01	3	.64	.02	.20	1	170
D 82682	2	91	150	65	.4	5	5	220	1.31	3	7	ND	11	2	.2	3	2	3	.01	.017	29	3	.02	50	.01	4	.53	.05	.08	1	120
D 82683	1	52	14	38	.4	4	5	258	1.37	4	5	ND	20	3	.2	3	2	4	.01	.015	52	3	.04	343	.01	5	.53	.02	.21	1	20
D 82684	1	46	19	27	.1	5	4	8	1.76	2	5	ND	16	3	.2	3	2	4	.01	.019	27	4	.04	230	.01	2	.61	.02	.16	1	76
D 82685	1	62	17	47	.1	7	4	9	.85	2	5	ND	15	3	6.0	2	2	3	.02	.010	21	3	.07	88	.01	3	.55	.02	.17	1	23
D 82686	2	10	10	25	.1	6	1	19	.92	2	6	ND	12	2	.2	2	2	5	.01	.007	35	5	.04	39	.01	4	.36	.06	.11	2	26
D 82687	1	12	21	136	.1	10	3	108	.93	4	5	ND	14	4	1.5	2	2	5	.05	.008	21	6	.11	74	.01	6	.34	.04	.14	1	9
D 82688	2	90	8	127	.2	16	7	186	1.38	6	9	ND	16	7	3.0	2	2	11	.20	.007	16	10	.45	39	.01	3	.47	.04	.28	1	20
D 82689	1	6	4	89	.1	10	5	88	1.09	2	5	ND	14	2	.2	2	2	4	.02	.012	20	6	.20	58	.01	2	.59	.04	.26	1	9
D 82690	1	6	7	102	.1	11	5	100	1.81	2	5	ND	13	2	.2	2	2	4	.01	.009	42	8	.37	28	.01	5	.66	.04	.16	1	5
D 82691	1	7	8	66	.1	13	10	33	1.49	3	5	ND	10	2	2.1	2	2	12	.02	.008	17	8	.49	43	.02	8	.70	.04	.31	1	3
D 82692	1	9	7	49	.1	15	6	33	1.83	6	5	ND	14	3	.5	2	2	11	.01	.016	17	9	.37	117	.02	4	.81	.03	.34	1	3
D 82693	1	17	13	30	.1	11	6	17	2.02	3	5	ND	18	1	.2	3	2	9	.01	.022	16	6	.21	45	.01	3	.73	.01	.36	1	5
D 82694	1	35	30	89	.3	12	7	168	3.11	5	5	ND	14	3	.2	2	2	8	.01	.027	27	7	.27	205	.01	3	1.13	.04	.21	1	14
D 82695	1	20	32	47	.1	8	1	23	2.03	2	5	ND	14	2	.2	2	2	7	.01	.024	41	7	.15	51	.02	3	.92	.04	.24	1	7
D 82696	5	42	21	76	.2	22	11	135	3.15	4	5	ND	17	2	.2	2	2	6	.04	.051	40	9	.34	64	.02	2	1.14	.01	.31	1	4
D 82697	1	34	35	38	.1	13	5	118	1.99	4	5	ND	16	2	.2	3	2	4	.01	.025	29	7	.15	51	.01	2	.74	.01	.26	1	6
D 82698	1	35	6	43	.1	9	5	51	2.58	2	5	ND	20	1	.2	2	2	3	.01	.030	43	3	.03	56	.01	2	.50	.01	.28	1	4
D 82699	1	27	12	51	.1	10	5	37	3.30	2	5	ND	17	1	.2	3	2	2	.01	.030	40	3	.02	49	.01	3	.56	.01	.21	1	4
D 82700	1	16	28	15	.1	6	1	11	1.29	4	5	ND	16	2	.2	2	2	2	.01	.019	41	4	.02	39	.01	2	.53	.02	.16	1	3
D 82751	1	35	71	53	.4	6	35	1902	2.77	2	5	ND	16	3	.2	2	2	2	.01	.021	42	4	.06	215	.01	2	.77	.01	.13	1	11
D 82752	1	30	110	91	.3	14	52	3179	1.40	2	5	ND	12	4	.6	3	2	3	.02	.015	37	12	.09	313	.01	2	.80	.02	.09	1	3
D 82753	16	37	130	42	.9	4	1	28	2.76	2	5	ND	19	2	.2	2	2	6	.01	.013	55	3	.02	23	.01	2	.46	.01	.18	2	44
D 82754	1	25	360	46	.3	4	2	21	1.00	4	6	ND	13	4	.2	2	2	2	.02	.019	41	3	.05	47	.01	3	.84	.01	.11	1	12
D 82755	1	70	718	36	.3	4	1	28	1.40	2	5	ND	20	2	.2	2	2	3	.01	.021	55	5	.03	44	.01	2	.45	.01	.17	1	1
D 82756	1	115	364	35	.4	3	1	38	1.36	4	8	ND	14	2	.2	2	2	3	.01	.012	40	3	.02	42	.01	2	.54	.01	.17	1	53
D 82757	1	139	489	40	.3	4	4	57	1.19	2	5	ND	12	3	.2	2	2	3	.01	.014	36	5	.05	38	.01	2	.64	.01	.11	1	2
D 82758	1	101	434	90	.4	5	2	41	.65	2	5	ND	14	3	.2	2	2	1	.01	.011	36	4	.03	33	.01	3	.83	.01	.05	1	1
D 82759	1	385	907	53	21.4	5	1	22	3.05	2	5	139	18	3	.2	3	30	3	.01	.011	44	4	.03	38	.01	3	.79	.02	.09	1	177200
D 82760	3	279	782	39	3.6	4	1	27	2.05	2	5	10	10	2	.2	3	8	5	.01	.013	28	4	.02	35	.01	2	.44	.01	.12	1	11270
D 82761	2	312	994	34	2.5	4	1	29	2.56	2	5	15	12	2	.2	2	5	6	.01	.016	33	4	.02	33	.01	2	.42	.01	.14	1	16570
D 82762	1	279	1186	59	.7	3	1	30	2.32	2	6	ND	19	2	.2	3	2	3	.01	.023	46	3	.02	39	.01	2	.82	.01	.13	1	180
D 82763	1	214	1197	97	.7	5	3	53	1.74	2	5	3	17	3	.2	2	2	3	.03	.022	46	3	.13	61	.01	2	1.08	.01	.17	1	4840
D 82764	1	176	1054	360	.2	11	13	196	4.21	8	5	ND	18	7	.4	2	2	6	.07	.031	43	4	.34	127	.01	2	1.52	.01	.18	1	75
D 82765	1	70	307	459	.2	16	12	202	2.71	6	5	ND	19	8	1.1	2	2	4	.08	.022	46	3	.46	143	.01	2	1.23	.01	.19	1	19
STANDARD C/AU-R	18	57	39	131	7.0	73	31	1050	3.94	43	21	7	39	52	19.0	15	20	58	.45	.094	40	58	.89	187	.07	33	1.89	.06	.14	13	490

ASSAY IN PROGRESS for Au > 500ppb

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82802	1	11	27	66	.3	6	3	240	1.25	2	5	ND	14	4	.4	2	2	5	.02	.012	24	9	.27	29	.02	2	.71	.02	.10	1	6
D 82803	1	20	14	50	.2	8	3	125	1.45	3	5	ND	14	4	.2	2	2	5	.02	.017	30	6	.22	27	.01	2	.64	.02	.14	1	13
D 82804	1	25	32	53	.1	5	3	76	3.42	3	5	ND	17	5	.3	2	2	15	.03	.029	44	6	.25	17	.01	2	.84	.02	.12	1	57
D 82805	1	21	24	98	.2	22	11	332	3.29	5	5	ND	19	5	.3	2	2	11	.05	.027	39	16	.81	25	.02	2	1.51	.02	.16	1	4
D 82806	1	28	6	54	.3	22	16	351	3.08	6	5	ND	14	3	.5	2	2	9	.05	.018	19	11	.84	21	.01	2	1.32	.02	.12	1	17
D 82807	1	23	7	33	.3	17	7	459	2.08	2	5	ND	14	4	.3	3	2	7	.04	.018	32	8	.62	25	.01	2	1.00	.02	.15	1	26
D 82808	1	7	2	49	.2	12	4	379	1.80	6	5	ND	11	3	.2	2	2	8	.04	.012	24	11	1.33	15	.01	2	1.37	.01	.13	1	8
D 82809	1	19	14	36	.2	8	5	163	1.49	2	5	ND	16	2	.2	2	3	5	.02	.017	39	3	.09	45	.01	2	.52	.02	.19	1	9
D 82810	1	12	11	68	.1	11	6	198	1.56	2	5	ND	13	2	.2	2	2	4	.01	.012	35	6	.19	75	.01	2	.67	.02	.16	1	9
D 82811	1	20	27	134	.3	10	8	504	1.65	3	5	ND	20	5	.7	2	2	7	.01	.016	52	4	.19	66	.01	2	.86	.01	.17	1	1
D 82812	1	23	24	99	.1	13	7	314	1.60	2	5	ND	15	3	.2	2	2	5	.02	.014	38	7	.24	53	.01	2	.75	.02	.14	1	4
D 82813	1	17	29	91	.1	14	7	470	1.67	5	5	ND	13	3	.5	3	2	6	.02	.012	33	8	.17	51	.01	2	.63	.02	.14	1	1
D 82814	1	12	6	66	.1	8	2	45	1.35	3	5	ND	22	4	.4	2	2	4	.03	.023	57	4	.24	55	.01	2	.88	.01	.21	1	2
D 82815	2	55	56	188	.1	21	29	828	4.04	7	5	ND	18	8	.8	2	2	16	.05	.034	46	7	.49	134	.01	2	1.61	.01	.17	1	23
D 82816	1	23	23	94	.2	9	6	176	2.72	4	5	ND	20	4	.2	2	2	5	.02	.030	45	3	.16	60	.01	2	1.00	.01	.22	1	3
D 82817	2	26	18	65	.2	9	8	80	1.91	6	5	ND	18	2	.4	2	2	3	.01	.027	42	2	.09	42	.01	2	.71	.01	.21	1	9
D 82818	1	19	17	30	.2	5	2	19	1.24	7	5	ND	26	3	.4	3	2	3	.01	.024	75	1	.04	49	.01	2	.55	.01	.23	1	3
STANDARD C/AU-R	19	58	37	130	6.8	72	32	1050	3.93	41	19	7	38	56	19.0	15	21	56	.45	.091	39	57	.92	183	.07	34	1.91	.06	.13	13	530

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82746	1	21	8	41	.1	20	10	236	2.61	2	5	ND	15	6	.2	2	2	9	.11	.026	11	11	.66	31	.01	2	1.03	.02	.21	1	6
D 82747	1	57	72	64	.2	20	9	394	2.58	13	5	ND	12	9	.2	2	2	10	.29	.030	12	17	.79	26	.01	2	1.16	.02	.14	1	7
D 82748	1	29	54	99	.2	21	9	227	3.27	9	5	ND	13	5	.2	2	2	13	.14	.026	17	18	1.22	19	.01	2	1.59	.02	.11	1	13
D 82749	1	36	25	80	.1	24	10	346	2.91	10	5	ND	14	8	.2	2	2	8	.24	.031	22	12	.86	24	.01	2	1.33	.01	.12	1	6
D 82750	2	32	19	95	.1	21	9	374	3.59	4	5	ND	16	4	.2	2	2	12	.12	.032	21	18	1.16	32	.01	2	1.80	.01	.16	1	13
D 82819	1	27	54	60	.1	9	5	53	1.34	26	5	ND	15	3	.2	2	2	3	.01	.022	43	5	.11	56	.01	2	.75	.01	.17	1	4
D 82820	1	39	36	74	.1	6	13	264	2.48	4	5	ND	17	2	.2	2	2	3	.01	.021	46	2	.03	59	.01	2	.55	.01	.16	1	2
D 82821	1	32	25	41	.1	4	2	31	1.55	2	5	ND	15	3	.2	2	2	2	.01	.022	48	3	.03	47	.01	2	.39	.01	.18	1	7
D 82822	1	38	19	50	.1	3	1	13	1.86	2	5	ND	12	3	.2	2	2	2	.02	.022	40	3	.04	33	.01	2	.35	.01	.14	1	19
D 82823	1	27	35	46	.1	4	1	12	1.56	2	5	ND	12	2	.2	2	2	2	.02	.019	34	4	.03	35	.01	2	.33	.01	.13	1	12
D 82824	1	79	789	74	.1	2	1	6	3.04	2	5	ND	24	5	.2	2	2	4	.03	.023	72	2	.04	36	.01	2	.51	.01	.16	1	340
D 82825	3	28	640	22	.1	5	1	13	1.28	2	5	ND	13	3	.2	2	2	2	.01	.017	36	5	.01	324	.01	2	.28	.01	.12	1	190
D 82826	1	22	436	37	.1	4	1	8	.61	2	5	ND	11	2	.2	2	2	1	.01	.010	32	4	.01	92	.01	2	.39	.02	.07	1	20
D 82827	1	66	765	106	.6	4	1	44	.85	2	5	ND	21	3	.2	2	2	2	.01	.013	54	4	.03	43	.01	2	.49	.01	.09	1	79
D 82828	1	97	594	82	2.3	4	1	34	1.10	2	5	ND	17	3	.2	2	14	3	.01	.012	36	4	.04	34	.01	2	.78	.01	.07	1	670
D 82829	4	97	156	26	6.4	11	1	23	1.10	3	5	3	2	1	.2	2	36	1	.01	.001	3	9	.01	9	.01	2	.07	.01	.02	1	2710
D 82830	1	354	1241	48	1.8	3	1	26	2.65	2	5	5	17	2	.2	2	2	4	.01	.021	47	3	.02	39	.01	2	.70	.01	.13	1	3110
D 82831	3	182	1046	20	2.5	6	1	15	1.52	2	5	19	11	2	.2	2	4	3	.01	.017	34	6	.01	31	.01	2	.38	.01	.13	1	22800
D 82832	2	81	1002	20	.9	5	1	23	1.26	2	5	6	10	2	.2	2	2	4	.01	.013	27	5	.01	27	.01	2	.29	.01	.10	1	7370
D 82833	3	209	2637	21	.3	2	1	7	2.17	2	5	ND	17	1	.2	2	2	3	.01	.046	46	4	.01	37	.01	2	.30	.01	.18	1	210
D 82834	1	303	2051	68	.4	5	2	27	2.05	5	5	ND	18	3	.2	2	2	3	.02	.032	41	3	.07	210	.01	2	1.10	.01	.14	1	120
D 82835	2	120	944	74	.3	5	1	9	1.19	5	5	ND	15	2	.2	2	2	2	.02	.021	44	4	.02	44	.01	2	.52	.01	.14	1	140
D 82836	1	122	545	168	.2	7	3	88	2.52	4	5	ND	14	2	.5	2	2	2	.02	.019	41	4	.04	45	.01	2	.55	.01	.14	1	35
D 82837	1	81	157	211	.1	10	10	153	2.45	11	5	ND	20	2	2.6	2	2	2	.02	.031	57	4	.03	46	.01	2	.42	.01	.17	1	45
D 82838	1	77	103	331	.1	13	10	104	2.22	2	5	ND	16	4	2.2	2	2	2	.05	.019	40	3	.20	58	.01	2	.89	.01	.15	1	17
D 82839	1	30	19	158	.1	13	6	152	1.54	2	5	ND	13	4	1.9	2	2	2	.04	.013	32	6	.15	68	.01	2	.56	.02	.13	1	5
D 82840	1	51	102	172	.1	12	6	212	2.21	2	5	ND	16	7	2.0	2	2	1	.09	.020	38	3	.44	64	.01	2	.90	.01	.11	1	120
D 82841	1	78	356	79	.1	11	8	156	1.63	2	5	ND	16	5	.6	2	2	2	.06	.016	35	4	.25	84	.01	2	.73	.01	.13	1	46
D 82842	1	32	103	46	.1	7	4	84	.99	2	5	ND	18	7	.3	2	2	2	.05	.017	39	3	.18	369	.01	3	.50	.01	.15	1	15
D 82843	1	39	90	71	.1	9	5	159	1.46	2	5	ND	12	4	.4	2	2	2	.06	.013	34	4	.32	59	.01	2	.62	.01	.08	1	34
D 82844	1	28	24	59	.1	10	4	146	1.39	2	5	ND	13	4	.4	2	2	2	.05	.014	28	4	.25	45	.01	2	.64	.01	.11	1	13
D 82845	1	22	6	25	.1	12	6	69	1.28	2	5	ND	13	2	.3	2	2	2	.03	.012	18	7	.25	85	.01	2	.50	.01	.14	1	6
D 82846	1	7	2	24	.1	11	4	168	1.54	2	5	ND	10	3	.2	2	2	2	.04	.012	20	5	.53	42	.01	2	.73	.01	.12	1	4
D 82847	1	5	2	21	.1	12	4	86	1.38	2	5	ND	11	2	.2	2	2	3	.04	.011	14	7	.42	33	.01	2	.58	.01	.13	1	18
D 82848	1	10	9	30	.1	13	6	141	2.16	2	5	ND	14	5	.2	2	2	5	.08	.016	14	5	.76	75	.01	2	.95	.01	.20	1	56
D 82849	2	14	38	32	.1	14	5	133	1.98	2	5	ND	8	4	.2	2	2	10	.07	.012	10	8	.69	36	.01	2	.80	.04	.19	1	14
STANDARD C/AU-R	18	58	39	131	7.1	72	32	1053	3.96	43	23	7	39	53	19.5	18	19	57	.46	.093	38	56	.89	182	.07	31	1.89	.06	.13	13	520

[illegible]PLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82850	2	22	2	33	.1	25	11	143	2.16	3	5	ND	13	7	.2	2	2	8	.10	.024	26	6	1.02	34	.01	2	1.17	.01	.23	1	8
D 82851	2	50	48	27	.4	9	11	448	1.98	2	5	ND	16	2	.5	3	2	8	.02	.022	37	2	.04	63	.01	2	.58	.01	.14	1	33
D 82852	5	42	18	41	.1	12	7	309	1.92	2	5	ND	15	2	.3	2	2	7	.01	.016	37	2	.10	58	.01	2	.69	.01	.18	1	26
D 82853	2	51	16	47	.2	9	6	406	2.12	2	5	ND	17	3	.3	2	2	6	.01	.017	42	4	.13	63	.01	3	.70	.01	.23	1	12
D 82854	1	37	5	56	.1	14	8	296	1.48	2	5	ND	21	3	.6	2	2	4	.01	.013	50	4	.19	75	.01	5	.81	.01	.27	1	6
D 82855	1	32	17	96	.1	16	7	345	1.58	2	5	ND	19	3	.6	2	2	8	.02	.011	34	7	.25	63	.01	2	.89	.01	.18	1	5
D 82856	1	26	85	131	.3	14	12	448	1.76	2	5	ND	22	3	.8	3	2	8	.02	.015	46	4	.12	71	.01	2	.71	.01	.16	1	10
D 82857	2	35	683	338	.3	21	6	93	2.70	2	5	ND	19	7	.2	2	2	6	.02	.033	46	7	.50	258	.01	2	1.21	.01	.22	1	6
D 82858	1	28	93	281	.1	13	6	303	1.78	2	5	ND	19	2	.2	2	2	4	.01	.023	50	4	.27	84	.01	2	.84	.01	.21	1	7
D 82859	2	27	38	76	.3	7	15	340	1.60	2	5	ND	20	2	.4	2	2	3	.01	.024	51	2	.04	70	.01	2	.54	.01	.23	1	10
D 82860	1	20	31	24	.3	4	7	130	1.03	2	5	ND	16	2	.4	2	2	2	.01	.011	35	2	.02	29	.01	2	.48	.02	.11	1	40
D 82861	1	21	33	28	.1	7	2	32	.68	2	5	ND	17	3	.3	2	2	2	.01	.012	46	3	.04	39	.01	2	.49	.01	.14	1	9
D 82862	1	31	19	43	.2	4	4	73	1.60	2	5	ND	18	2	.5	2	2	2	.01	.018	41	2	.02	37	.01	2	.46	.02	.12	1	17
D 82863	1	33	9	24	.1	12	5	17	1.08	2	5	ND	14	3	.2	2	2	2	.01	.015	27	3	.02	83	.01	2	.39	.02	.13	1	30
D 82864	2	31	16	51	.1	6	2	17	1.61	2	5	ND	17	3	.4	2	2	3	.01	.017	45	2	.03	70	.01	3	.58	.02	.13	1	42
D 82865	3	28	42	44	.1	7	2	23	1.86	2	5	ND	10	2	.3	2	2	3	.01	.010	25	4	.02	24	.01	2	.37	.03	.07	1	23
D 82866	1	29	118	132	.2	6	2	9	1.69	2	11	ND	17	3	.2	2	2	2	.01	.019	41	1	.02	76	.01	2	.39	.02	.13	1	51
D 82867	3	42	297	91	.1	6	3	69	1.51	3	5	ND	14	3	.2	2	2	2	.01	.013	35	3	.01	41	.01	2	.38	.02	.08	1	72
D 82868	3	52	372	76	.1	6	2	45	1.00	2	5	ND	18	2	.2	2	2	2	.01	.010	34	2	.02	46	.01	3	.40	.02	.08	1	45
D 82869	1	49	153	59	.1	5	3	40	1.04	2	9	ND	16	3	.5	2	6	2	.01	.017	42	2	.02	196	.01	2	.37	.01	.17	1	5
D 82870	1	22	35	81	.1	5	3	37	1.04	2	5	ND	15	2	.2	2	2	2	.01	.013	40	2	.02	62	.01	2	.41	.02	.17	1	13
D 82871	2	32	72	81	.2	11	5	40	1.35	5	5	ND	16	3	1.1	2	3	2	.01	.014	27	3	.02	33	.01	2	.29	.02	.14	1	25
D 82872	3	61	466	111	.4	10	7	291	1.27	5	6	ND	14	6	2.2	2	3	2	.06	.011	25	4	.06	234	.01	2	.37	.02	.13	1	22
D 82873	3	57	187	80	.5	13	7	106	1.15	2	5	ND	22	13	3.6	3	2	4	.12	.012	35	6	.06	75	.01	4	.19	.03	.09	2	250
D 82874	2	165	1927	236	.3	11	5	246	1.18	4	5	ND	17	4	1.5	2	4	2	.02	.011	34	3	.01	95	.01	3	.26	.03	.06	1	130
D 82875	2	188	785	245	.3	9	5	137	.91	2	11	ND	14	3	.6	3	3	2	.01	.012	28	3	.01	57	.01	2	.28	.02	.08	1	220
D 82876	1	271	930	114	3.8	6	3	23	1.48	2	5	2	18	4	.2	2	8	3	.01	.019	41	2	.02	255	.01	2	.39	.01	.15	1	1890
D 82877	2	247	592	101	.4	4	4	147	1.57	3	5	ND	22	3	.4	3	2	3	.01	.013	53	1	.02	36	.01	4	.40	.01	.15	1	310
D 82878	2	217	1135	213	1.0	7	8	369	1.63	4	5	ND	18	3	.5	2	5	2	.01	.014	40	3	.04	36	.01	2	.58	.01	.09	1	55
D 82879	2	131	879	209	1.9	14	6	153	1.24	4	5	ND	8	5	.8	2	7	1	.02	.016	11	6	.04	36	.01	2	.28	.04	.02	1	30
D 82880	2	234	971	407	.8	15	15	445	3.14	8	5	ND	25	5	1.2	3	5	3	.01	.031	52	2	.03	40	.01	2	.63	.01	.13	2	53
D 82881	3	108	336	194	.1	11	5	115	1.86	2	5	ND	15	2	.5	2	6	2	.01	.019	40	3	.07	31	.01	2	.57	.01	.15	1	20
D 82882	1	77	289	161	.3	22	8	87	1.97	2	5	ND	17	2	1.0	2	2	5	.02	.022	37	7	.50	44	.01	2	1.01	.02	.14	1	11
STANDARD C/AU-R	20	61	40	133	6.9	73	32	1050	3.93	42	19	8	40	52	18.9	15	20	58	.45	.094	40	60	.91	183	.08	35	1.90	.06	.13	13	530

ASSAY IN PROGRESS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5722 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: S. SANDERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82883	1	38	36	91	.3	10	5	90	1.96	16	5	ND	9	2	.4	3	2	5	.02	.012	9	8	.95	65	.01	2	1.22	.02	.16	1	13
D 82884	1	30	14	137	.1	20	9	205	2.78	5	5	ND	15	4	1.0	3	2	10	.04	.017	31	14	.81	62	.01	2	1.49	.03	.17	1	3
D 82885	1	12	5	99	.1	17	6	354	2.49	4	5	ND	13	4	.9	2	2	10	.05	.015	28	15	.58	61	.01	2	1.26	.05	.14	1	1
D 82886	1	25	66	88	1.1	16	6	492	3.00	6	5	ND	18	4	.9	24	2	10	.04	.026	39	12	.56	83	.01	2	1.34	.03	.24	1	12
D 82887	1	21	6	57	.1	14	8	422	1.84	2	5	ND	12	4	.2	2	2	5	.06	.027	29	8	.30	73	.01	2	.93	.04	.21	1	3
D 82888	1	17	3	74	.1	20	8	376	2.88	2	5	ND	14	3	.2	2	2	9	.07	.027	13	11	.58	65	.01	3	1.28	.04	.24	1	4
D 82889	1	55	49	96	.3	24	15	393	4.06	25	5	ND	14	4	.2	2	2	14	.09	.031	15	18	.86	47	.01	3	1.91	.04	.24	1	1
D 82890	1	31	17	74	.1	18	7	432	2.99	10	5	ND	18	4	.2	2	2	11	.07	.023	34	15	.76	40	.01	2	1.56	.04	.19	1	1
D 82891	1	19	13	64	.1	18	9	287	2.92	12	5	ND	13	4	.2	2	2	11	.07	.025	24	12	.73	38	.02	2	1.42	.04	.23	1	2
D 82892	1	17	3	76	.2	20	10	384	2.54	2	5	ND	14	3	.2	2	2	8	.06	.024	18	12	.70	43	.02	2	1.34	.03	.24	1	4
D 82893	1	15	16	45	.1	9	4	178	1.51	5	5	ND	11	12	.2	2	2	8	.07	.009	20	6	.48	73	.02	2	.89	.01	.12	1	2
D 82894	1	14	55	76	.2	8	5	306	.92	2	5	ND	11	2	.2	4	2	7	.01	.006	27	4	.04	52	.01	2	.47	.03	.10	1	5
D 82895	1	14	20	54	.1	8	4	238	1.25	6	5	ND	14	2	.2	2	2	8	.01	.010	33	5	.02	60	.01	2	.50	.03	.12	1	9
D 82896	1	19	29	62	.1	10	6	201	1.66	3	6	ND	16	2	.2	2	2	14	.01	.020	43	7	.05	79	.01	2	.89	.02	.29	1	6
D 82897	1	24	5	41	.1	6	5	256	1.46	2	5	ND	11	2	.2	2	2	8	.01	.011	29	4	.03	44	.01	2	.39	.04	.14	1	2
D 82898	1	20	14	38	.1	7	4	115	1.64	3	5	ND	15	2	.2	2	2	6	.01	.019	36	4	.03	42	.01	2	.46	.03	.15	1	13
D 82899	1	24	35	100	.1	13	8	306	1.91	4	5	ND	16	2	.3	2	2	10	.03	.023	43	6	.11	72	.01	2	.76	.01	.30	1	6
D 82900	1	47	102	248	.1	21	10	633	2.88	10	5	ND	17	7	.6	2	2	20	.06	.019	46	11	.42	98	.01	2	1.37	.01	.27	1	2
D 82901	1	24	33	151	.1	19	11	560	2.85	5	5	ND	18	9	.2	2	2	17	.07	.019	43	11	.39	104	.01	2	1.37	.01	.26	1	5
D 82902	1	31	23	136	.1	21	13	556	3.12	6	5	ND	17	5	.2	2	2	8	.03	.023	41	8	.23	81	.01	2	.95	.02	.25	1	2
D 82903	1	25	11	70	.1	10	7	519	1.75	6	5	ND	13	2	.2	2	2	10	.01	.013	36	5	.02	87	.01	2	.45	.03	.16	1	4
D 82904	2	16	12	33	.1	11	4	635	1.37	4	5	ND	18	3	.2	2	2	5	.01	.008	36	7	.01	72	.01	2	.31	.04	.11	1	25
D 82905	1	17	27	42	.1	7	4	312	1.37	2	5	ND	20	2	.2	2	2	8	.01	.013	39	5	.02	75	.01	2	.41	.02	.16	1	12
D 82906	1	21	54	79	.2	9	3	292	1.14	2	5	ND	13	3	.2	2	2	6	.01	.008	31	6	.04	54	.01	2	.46	.03	.13	1	22
D 82907	1	15	7	44	.1	9	7	360	1.90	6	5	ND	14	2	.2	2	2	9	.01	.017	36	4	.02	77	.01	2	.50	.02	.16	1	18
D 82908	2	17	71	48	.1	9	5	319	.95	3	5	ND	12	2	.2	2	2	4	.01	.009	35	6	.02	56	.01	2	.34	.03	.13	1	7
D 82909	1	18	29	43	.1	6	4	253	1.53	8	5	ND	15	2	.2	2	2	6	.01	.009	37	4	.02	109	.01	2	.46	.03	.16	1	35
D 82910	1	19	159	53	.1	8	7	259	2.52	6	5	ND	17	2	.2	3	2	9	.01	.022	43	4	.02	50	.01	2	.68	.02	.16	1	82
D 82911	2	28	63	76	.2	7	2	149	1.32	6	5	ND	13	2	.2	2	2	4	.01	.014	31	7	.01	51	.01	2	.46	.05	.14	1	57
D 82912	1	51	35	164	.1	6	10	126	2.31	2	5	ND	21	1	.2	2	2	7	.01	.030	53	4	.03	61	.01	3	.49	.01	.29	1	12
D 82913	1	69	156	185	.1	14	8	377	3.58	12	5	ND	16	3	.3	2	2	18	.03	.033	37	5	.12	86	.01	2	.74	.01	.26	1	12
D 82914	1	20	18	102	.1	13	7	101	1.88	6	5	ND	16	5	.2	2	2	5	.10	.052	43	6	.15	59	.01	2	.76	.02	.26	1	5
D 82915	1	12	20	64	.1	7	9	286	1.80	2	5	ND	16	2	.2	2	2	5	.01	.015	41	3	.03	60	.01	2	.51	.02	.22	1	4
D 82916	1	22	8	41	.1	8	7	296	1.06	4	5	ND	15	3	.2	2	2	5	.03	.020	40	3	.03	59	.01	2	.43	.02	.20	1	3
D 82917	1	14	9	42	.1	6	4	352	1.04	3	5	ND	13	2	.2	2	2	5	.01	.010	36	2	.01	63	.01	2	.34	.03	.14	1	6
D 82918	1	11	62	27	.1	5	3	227	.84	2	5	ND	14	2	.2	2	2	4	.01	.013	39	4	.01	59	.01	2	.35	.02	.15	1	10
STANDARD C/AU-R	17	57	35	131	6.7	69	31	1052	3.92	39	21	7	38	53	18.7	18	18	55	.46	.091	37	55	.89	181	.08	34	1.89	.06	.13	13	510

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 5 1990 DATE REPORT MAILED: Nov 8/90. SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

D-90-11

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	AU* ppb
D 82919	1	63	14	93	.3	13	13	477	3.08	7	5	ND	23	3	.8	2	2	13	.01	.021	50	5	.02	106	.01	2	.54	.03	.19	1	121
D 82920	2	34	20	22	.1	6	4	25	.76	4	5	ND	23	4	.4	2	2	5	.03	.030	68	5	.03	67	.01	3	.62	.01	.31	1	8
D 82921	3	42	22	58	.1	8	5	27	3.29	3	5	ND	17	3	.6	2	2	10	.01	.028	43	3	.02	48	.01	2	.65	.02	.21	1	720
D 82922	1	42	5	35	.2	6	5	118	1.19	5	5	ND	16	2	.4	2	6	3	.01	.013	45	3	.02	53	.01	2	.44	.02	.18	2	10

ASSAY IN PROGRESS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

59.7[illegible]-[illegible]

Bapty Research Limited PROJECT DAVID File # 90-5785 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: S. SANDERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82745	1	1	15	17	.1	10	5	138	1.44	4	5	ND	13	5	.2	2	2	10	.10	.010	13	9	.72	60	.01	5	.72	.05	.23	2	10
D 82923	1	98	12	62	.1	9	6	473	1.07	3	5	ND	19	4	.8	2	2	10	.01	.010	49	5	.02	88	.01	3	.48	.06	.15	2	75
D 82924	2	56	95	141	.1	7	5	243	1.41	3	5	ND	14	4	.9	2	2	6	.03	.024	37	4	.02	90	.01	2	.47	.04	.19	1	180
D 82925	1	150	598	246	1.4	9	5	17	2.18	2	5	11	14	4	.2	2	2	7	.01	.015	25	5	.03	82	.01	3	.50	.02	.22	1	2860
D 82926	1	142	345	80	.8	2	2	102	1.02	2	5	19	4	2	.2	2	2	5	.01	.010	12	2	.01	41	.01	4	.18	.02	.06	2	16150
D 82927	2	97	485	356	.9	4	2	22	1.63	3	5	ND	16	5	.3	2	2	9	.01	.017	35	5	.02	276	.01	4	.59	.03	.21	1	370
D 82928	1	124	80	311	.2	11	8	455	1.87	2	5	ND	14	5	1.6	2	2	9	.04	.015	36	6	.08	105	.02	2	.59	.05	.18	1	280
D 82929	3	67	282	85	.8	10	9	311	2.04	4	5	ND	18	5	.8	3	2	14	.03	.020	47	6	.08	72	.02	4	.85	.03	.23	1	95
D 82930	1	169	152	123	.1	6	11	219	2.50	18	5	ND	22	3	.5	2	2	17	.01	.023	59	4	.04	88	.01	7	.84	.01	.30	1	290
D 82931	1	77	60	101	.2	7	9	194	2.13	36	5	ND	21	4	1.0	2	2	14	.04	.045	55	5	.04	91	.01	5	.76	.01	.31	1	24
D 82932	1	151	86	325	.7	21	16	1673	6.00	23	5	ND	21	3	2.4	2	2	27	.01	.028	49	3	.04	314	.01	5	.66	.01	.26	1	7
D 82933	1	63	97	83	.1	15	9	305	2.76	15	5	ND	21	2	.4	2	2	17	.01	.018	54	4	.03	105	.01	5	.64	.01	.31	1	7
D 82934	3	156	342	207	.3	26	19	1002	4.52	33	5	ND	15	2	.6	2	2	22	.01	.051	43	7	.44	153	.01	5	1.03	.01	.26	1	9
D 82935	3	61	73	128	.2	27	13	608	3.72	22	5	ND	11	2	.2	2	2	24	.06	.053	15	27	2.98	68	.01	2	2.87	.01	.18	1	4
D 82936	1	74	205	108	.2	17	18	566	1.77	13	5	ND	12	2	.4	2	2	10	.01	.018	19	11	1.19	88	.01	3	1.21	.01	.16	1	3
D 82937	1	54	55	100	.1	10	4	115	1.39	2	5	ND	17	2	.2	2	2	7	.03	.016	39	11	1.12	39	.01	7	1.28	.01	.19	1	4
D 82938	1	75	93	83	.1	14	8	387	1.71	5	5	ND	18	3	.2	2	2	11	.02	.018	27	11	1.15	136	.01	2	1.30	.01	.29	1	6
D 82939	1	33	8	65	.1	18	12	161	2.57	13	5	ND	17	3	.2	2	2	10	.04	.020	16	11	1.21	46	.01	4	1.57	.03	.33	1	1
D 82940	1	24	3	75	.1	16	10	155	2.21	6	5	ND	15	3	.5	2	2	9	.05	.017	14	9	1.11	65	.02	4	1.44	.02	.44	1	8
D 82941	1	7	12	34	.1	15	5	32	2.51	8	5	ND	13	4	.2	2	2	27	.02	.014	17	9	.72	51	.02	7	.99	.04	.62	2	19
D 82942	1	11	3	40	.1	16	11	100	1.80	13	5	ND	14	4	.2	2	2	9	.08	.036	15	7	.76	74	.04	5	1.00	.03	.65	2	79
D 82943	1	2	4	30	.1	15	8	168	1.72	2	5	ND	16	3	.2	2	2	9	.07	.017	15	8	1.03	55	.04	6	1.26	.02	.65	1	8
D 82944	1	13	74	80	.1	8	4	195	1.40	2	5	ND	12	4	.2	2	2	9	.01	.011	38	6	.22	38	.02	2	.80	.04	.14	1	17
D 82945	1	14	292	77	.1	12	15	985	2.53	7	5	ND	22	5	.2	2	2	24	.02	.023	63	4	.04	128	.01	4	.86	.01	.17	1	6
D 82946	1	7	182	33	.1	4	3	410	.84	2	5	ND	13	3	.2	2	2	10	.01	.007	38	2	.02	59	.01	2	.48	.03	.09	2	13
D 82947	1	10	417	46	.1	5	4	417	1.85	2	5	ND	18	3	.2	2	2	17	.02	.015	50	4	.04	61	.01	3	.63	.03	.14	2	6
D 82948	1	16	67	53	.1	13	9	614	1.57	3	5	ND	16	5	.2	3	2	16	.02	.012	50	5	.04	111	.01	3	.86	.03	.16	1	15
D 82949	1	19	355	121	.2	10	9	830	2.00	6	5	ND	17	4	.2	2	2	18	.02	.023	51	4	.04	93	.01	2	1.03	.02	.19	1	36
D 82950	5	24	133	110	.3	8	6	199	3.82	5	5	ND	15	3	.2	2	2	8	.02	.041	27	3	.03	47	.01	4	.68	.02	.21	1	12
D 82951	1	23	84	168	.1	14	13	473	2.87	2	5	ND	16	2	.6	2	2	5	.01	.020	32	5	.08	54	.01	3	.61	.02	.28	1	1
D 82952	1	7	74	185	.1	8	10	532	2.52	3	5	ND	20	2	.6	2	2	4	.01	.024	47	3	.11	52	.01	4	.50	.01	.24	1	8
D 82953	1	8	53	96	.1	11	13	637	2.17	6	5	ND	13	3	.2	2	2	10	.01	.019	30	5	.11	54	.01	4	.64	.04	.17	1	10
D 82954	1	7	48	111	.1	9	5	219	2.40	9	5	ND	15	3	.2	2	2	11	.01	.016	24	3	.07	32	.01	2	.54	.04	.10	1	13
D 82955	2	28	318	158	.2	12	7	405	3.49	8	5	ND	13	5	.2	2	2	13	.02	.029	28	4	.05	46	.01	4	.75	.04	.15	1	43
D 82956	9	61	1079	221	1.2	6	3	94	5.45	8	5	ND	17	5	.2	2	2	11	.01	.046	32	6	.05	44	.01	4	.63	.05	.23	1	29
D 82957	1	82	109	142	.3	23	27	1181	3.56	9	5	ND	21	4	.4	2	2	28	.02	.027	52	4	.05	113	.01	3	1.12	.02	.17	1	3
STANDARD C/AU-R	18	58	39	131	6.9	73	31	1054	3.97	43	22	7	40	56	19.5	14	19	58	.46	.098	39	60	.90	183	.07	32	1.90	.06	.13	11	520

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 TO P2 CORE P3 TO P6 SLUDGE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 7 1990 DATE REPORT MAILED: Nov 15/90 SIGNED BY............D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

84137, 84137

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82958	1	111	4	93	.2	17	22	1404	3.72	3	5	ND	20	3	.3	2	2	10	.01	.025	49	1	.03	146	.01	4	.63	.02	.19	1	1
D 82959	1	54	7	160	.1	21	15	1131	2.97	2	5	ND	19	2	.7	2	4	17	.01	.021	42	2	.06	127	.01	2	.70	.02	.28	1	7
D 82960	1	17	16	80	.1	7	5	135	2.70	2	5	ND	19	3	.2	2	2	7	.01	.025	50	2	.03	49	.01	2	.61	.03	.23	1	17
D 82961	1	15	13	180	.1	11	10	877	2.00	2	7	ND	17	4	.2	2	2	11	.03	.019	46	3	.05	125	.01	3	.55	.01	.17	1	5
D 82962	1	19	64	203	.1	7	6	551	1.11	20	5	ND	16	3	.8	2	2	5	.02	.009	34	3	.03	72	.01	4	.29	.03	.08	1	4
D 82963	1	13	149	157	.2	6	4	241	1.10	2	5	ND	16	4	.5	2	2	10	.02	.015	32	3	.01	134	.01	3	.32	.05	.10	1	20
D 82964	1	17	35	63	.1	7	6	440	1.44	2	5	ND	14	2	.2	2	2	4	.02	.016	33	3	.04	66	.01	4	.40	.02	.14	1	1
D 82965	1	12	316	22	3.0	3	3	100	1.43	2	5	ND	15	6	.2	2	24	5	.01	.016	31	3	.02	163	.01	5	.42	.04	.16	1	4
D 82966	1	18	13	27	.1	8	9	469	1.34	4	5	ND	13	3	.2	2	2	6	.01	.011	29	2	.04	131	.01	2	.44	.03	.14	1	1
D 82967	1	13	15	28	.1	7	4	246	.86	2	5	ND	12	3	.2	2	2	3	.02	.013	37	3	.02	60	.01	5	.34	.04	.16	1	12
STANDARD C/AU-R	19	58	38	133	7.2	73	32	1055	3.98	42	23	7	39	56	19.0	15	19	57	.46	.097	39	57	.90	183	.07	39	1.89	.06	.13	13	490

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5811
901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: S. SANDERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82968	2	16	27	19	.2	5	3	250	.79	2	5	ND	13	2	.2	2	2	2	.02	.012	28	3	.01	86	.01	2	.23	.04	.10	5	15
D 82969	2	25	112	35	.6	11	10	363	2.58	5	5	ND	19	2	.2	2	2	14	.02	.025	32	4	.04	169	.01	3	.66	.02	.28	1	85
D 82970	1	17	33	80	.4	11	18	512	1.82	2	5	ND	16	2	.5	2	2	9	.02	.013	40	4	.03	100	.01	2	.62	.02	.17	3	29
D 82971	1	14	35	72	.3	7	5	521	1.06	4	5	ND	14	2	.3	2	2	6	.02	.010	32	3	.05	90	.01	2	.37	.04	.13	1	20
D 82972	1	21	20	52	.2	11	4	511	.90	3	5	ND	15	2	.3	2	2	6	.01	.006	32	5	.02	79	.01	2	.29	.04	.08	1	9
D 82973	2	16	26	84	.4	11	7	679	1.98	5	5	ND	20	3	.2	2	2	8	.02	.019	48	4	.02	150	.01	2	.50	.03	.15	1	17
D 82974	4	23	62	64	.4	10	6	153	1.68	3	5	ND	18	2	.2	2	2	12	.01	.018	43	4	.02	56	.01	2	.57	.02	.16	2	16
D 82975	1	17	205	56	.8	7	7	584	1.83	2	5	ND	14	4	.2	2	2	5	.03	.016	28	2	.03	93	.01	2	.45	.04	.13	1	16
D 82976	1	28	66	37	.5	13	8	18	1.61	3	5	ND	16	2	.2	2	2	5	.01	.025	23	4	.03	61	.01	3	.52	.03	.29	1	3
D 82977	2	33	67	35	.3	10	9	280	1.56	13	6	ND	17	1	.2	2	3	5	.01	.025	24	3	.02	81	.01	3	.44	.01	.24	1	1
D 82978	1	17	2	56	.3	7	6	211	1.65	2	5	ND	15	2	.2	2	4	5	.01	.016	41	2	.02	66	.01	2	.41	.03	.20	1	1
D 82979	1	14	13	38	.2	7	5	208	1.20	2	5	ND	17	3	.2	2	2	4	.01	.011	42	2	.02	72	.01	2	.39	.05	.15	1	3
D 82980	1	9	20	19	.2	6	3	81	1.13	2	5	ND	15	3	.2	2	2	4	.02	.013	37	3	.02	159	.01	3	.41	.03	.16	1	2
D 82981	2	10	24	34	.3	11	6	464	1.71	3	5	ND	20	3	.2	2	2	12	.01	.015	46	5	.02	122	.01	2	.50	.04	.12	1	63
D 82982	1	12	4	16	.1	6	4	315	1.00	2	5	ND	22	2	.2	2	2	6	.01	.010	46	5	.01	85	.01	3	.34	.04	.11	2	28
D 82983	2	17	7	20	.2	4	7	194	1.39	3	5	ND	17	3	.2	2	2	6	.01	.013	40	1	.01	146	.01	4	.36	.03	.16	1	17
D 82984	3	8	17	18	.2	5	3	116	1.73	7	5	ND	14	6	.2	2	2	5	.01	.020	28	2	.01	474	.01	2	.42	.04	.17	1	200
D 82985	2	21	12	14	.2	8	5	204	.95	2	5	ND	19	2	.2	2	2	4	.01	.014	41	4	.01	61	.01	2	.31	.04	.10	1	25
D 82986	2	27	153	40	.5	8	7	395	1.95	6	5	ND	19	4	.2	2	2	7	.02	.019	46	4	.02	115	.01	3	.42	.04	.16	2	230
D 82987	1	16	9	16	.2	2	1	138	1.03	2	5	ND	13	2	.2	2	2	3	.01	.012	34	1	.01	53	.01	2	.36	.05	.11	1	29
D 82988	1	54	8	50	.1	9	8	333	1.50	2	5	ND	15	3	.2	2	2	10	.02	.014	43	4	.02	87	.01	2	.54	.03	.17	1	25
D 82989	9	95	392	120	.6	13	4	411	.98	4	5	ND	8	17	.2	2	5	11	.18	.086	21	9	.01	55	.01	4	.25	.01	.14	1	590
D 82990	1	100	791	413	.8	13	16	967	3.22	2	6	ND	15	4	11.2	2	2	10	.02	.029	24	3	.05	216	.01	2	.61	.02	.22	1	340
D 82991	1	59	146	210	.3	5	10	544	2.23	2	5	ND	13	2	.2	2	2	10	.01	.017	28	1	.02	148	.01	2	.48	.02	.13	1	380
D 82992	1	33	25	51	.3	6	3	66	1.18	14	5	ND	16	2	.2	2	2	4	.01	.021	39	3	.02	41	.01	3	.45	.02	.17	1	8
D 82993	3	51	531	339	.5	17	8	497	2.58	29	5	ND	14	3	1.0	2	2	7	.01	.035	37	5	.03	61	.01	3	.52	.02	.24	1	4
D 82994	4	55	175	275	.3	15	15	310	3.62	32	5	ND	13	2	1.3	2	3	6	.01	.049	39	2	.02	59	.01	4	.41	.01	.24	1	4
D 82995	5	61	194	328	.6	12	11	144	4.11	38	5	ND	14	2	.6	2	3	10	.01	.055	40	2	.03	69	.01	3	.54	.01	.30	1	3
D 82996	2	33	154	482	.3	26	9	488	3.03	15	6	ND	11	17	.7	2	2	14	.76	.057	14	20	.76	62	.01	4	1.32	.06	.20	1	7
D 82997	4	32	193	461	.6	28	11	608	2.36	3	5	ND	11	6	1.0	2	2	11	.10	.040	13	9	.26	118	.01	2	.82	.05	.28	1	6
D 82998	1	9	10	83	.1	9	5	359	1.31	2	5	ND	14	5	.2	2	2	6	.06	.016	29	8	.25	85	.01	2	.69	.04	.15	1	11
D 82999	1	2	13	60	.1	9	5	235	1.04	2	5	ND	13	4	.2	2	2	6	.05	.014	26	6	.18	53	.01	2	.51	.05	.11	1	4
STANDARD C/AU-R	18	57	38	132	7.2	71	32	1053	3.97	44	22	7	40	56	19.3	15	21	56	.46	.099	39	56	.89	187	.07	34	1.89	.06	.13	11	550

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 8 1990 **DATE REPORT MAILED:** Nov 9/90. **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT ~~BAPTY~~ DAVID RESEARCH File # 90-5856 Page 1 -90-13
901 Industrial ~~Road~~ #2, Cranbrook BC V1C 4C9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 84201	1	15	23	58	.1	12	5	295	1.76	3	5	ND	17	3	.2	2	2	12	.02	.012	34	15	.33	75	.03	4	1.02	.12	.31	1	60
B 84202	2	11	21	38	.1	12	6	484	1.38	6	5	ND	22	4	.2	2	2	10	.02	.009	47	11	.06	94	.03	3	.71	.11	.23	1	17
B 84203	2	9	10	27	.1	13	4	213	1.53	4	5	ND	17	5	.2	2	2	16	.02	.012	42	13	.10	72	.03	2	1.01	.10	.34	1	7
B 84204	1	8	32	41	.1	6	4	273	1.17	2	5	ND	12	5	.2	2	2	8	.03	.011	27	7	.10	57	.03	2	.71	.14	.17	1	3
B 84205	1	7	269	41	.1	10	9	513	1.68	5	5	ND	14	3	.2	2	5	16	.02	.013	40	6	.12	93	.02	2	.74	.03	.20	1	5
B 84206	2	18	49	70	.1	15	6	758	1.67	2	5	ND	11	6	.2	2	2	20	.02	.012	38	8	.07	80	.02	2	.81	.07	.16	1	7
B 84207	2	9	12	31	.1	12	5	281	1.25	2	5	ND	14	3	.2	2	2	11	.01	.008	42	8	.04	80	.02	2	.68	.05	.26	1	32
B 84208	1	6	12	19	.1	6	3	223	1.28	4	5	ND	10	5	.2	2	2	9	.02	.010	26	4	.05	49	.02	2	.67	.11	.16	1	35
B 84209	1	12	5	21	.1	6	5	270	.93	2	5	ND	13	3	.2	2	2	6	.01	.011	35	3	.02	49	.01	2	.42	.02	.13	1	5
B 84210	1	7	11	57	.1	16	9	526	2.02	4	5	ND	17	4	.2	2	2	21	.02	.011	46	10	.13	131	.03	4	1.15	.06	.42	1	3
B 84211	2	10	11	34	.1	13	5	516	1.07	4	5	ND	13	3	.2	2	2	7	.02	.010	35	10	.05	86	.02	3	.70	.06	.27	1	22
B 84212	1	5	20	36	.1	7	6	599	1.41	2	5	ND	15	6	.2	2	2	8	.02	.008	37	7	.08	68	.02	2	.58	.10	.15	1	3
B 84213	1	9	27	92	.1	11	5	445	1.67	5	5	ND	15	5	.3	2	2	14	.02	.014	42	11	.07	92	.02	2	.95	.08	.31	1	5
B 84214	2	14	33	107	.1	11	4	402	1.97	3	5	ND	14	5	.3	2	2	15	.02	.017	40	9	.07	82	.02	3	1.05	.05	.32	1	7
B 84215	2	42	20	86	.1	19	8	133	3.17	7	5	ND	14	4	.2	2	2	11	.02	.024	28	14	.27	80	.02	3	1.44	.04	.42	1	32
B 84216	1	39	61	211	.1	20	9	418	3.37	15	5	ND	15	8	.4	2	2	12	.07	.030	41	13	.45	71	.02	2	1.60	.04	.35	1	3
B 84217	1	8	27	216	.1	15	7	406	2.74	12	5	ND	17	6	.4	2	2	7	.06	.025	45	10	.25	69	.02	3	1.13	.04	.36	1	1
B 84218	1	6	22	181	.1	10	7	590	1.80	3	5	ND	15	5	.7	2	2	11	.03	.018	39	7	.08	75	.02	5	.82	.06	.37	1	2
B 84219	3	20	10	46	.2	15	5	355	1.62	5	5	ND	13	4	.2	2	2	11	.01	.012	36	11	.04	51	.02	5	.72	.09	.27	1	150
B 84220	1	38	23	69	.3	14	10	539	3.17	7	5	ND	15	4	.2	2	2	7	.06	.024	31	6	.10	57	.02	4	.79	.06	.38	1	12
B 84221	1	37	38	92	.2	20	11	566	3.36	42	5	ND	14	13	.2	2	2	4	.46	.025	23	6	.40	41	.01	4	.56	.05	.27	1	2
B 84222	1	15	41	122	.1	20	11	459	3.04	38	5	ND	14	3	.2	2	2	4	.09	.026	27	6	.33	47	.01	4	.65	.05	.30	1	3
B 84223	1	22	48	94	.1	20	9	152	3.21	37	5	ND	16	3	.2	2	2	8	.05	.030	31	11	.18	70	.02	4	1.11	.10	.40	1	3
B 84224	1	28	110	275	.2	17	10	527	3.31	32	5	ND	18	3	.4	2	2	12	.04	.021	43	10	.25	77	.02	2	1.16	.08	.33	1	3
B 84225	1	8	88	174	.1	9	5	247	1.92	4	5	ND	24	2	.3	2	2	12	.01	.011	52	9	.05	58	.02	2	.52	.05	.20	1	3
B 84226	1	6	50	81	.2	8	4	242	1.13	8	5	ND	21	3	.3	2	2	7	.01	.008	43	8	.05	51	.02	2	.46	.09	.15	1	18
B 84227	3	21	17	46	.1	15	3	245	1.01	4	5	ND	13	4	.2	2	2	6	.01	.009	33	11	.02	48	.01	2	.46	.12	.10	1	35
B 84228	1	6	14	44	.1	6	6	199	1.59	5	5	ND	23	3	.2	2	2	8	.01	.016	60	6	.05	62	.02	3	.78	.06	.30	1	36
B 84229	1	11	20	60	.1	13	5	284	1.35	6	5	ND	13	5	.3	2	2	9	.03	.011	30	12	.07	56	.02	3	.57	.10	.16	1	22
B 84230	4	14	12	29	.1	10	5	150	1.91	2	5	ND	13	3	.2	2	2	7	.01	.015	38	7	.02	48	.01	2	.70	.09	.22	1	45
B 84231	3	13	6	52	.1	16	10	329	1.80	2	5	ND	15	5	.2	2	2	9	.04	.026	47	10	.04	88	.02	2	.75	.07	.29	1	22
B 84232	1	9	15	46	.1	10	6	371	1.39	8	5	ND	12	4	.2	2	2	7	.06	.013	34	6	.06	63	.01	2	.49	.06	.17	1	45
B 84233	1	11	16	25	.1	9	5	409	1.09	4	5	ND	9	5	.2	2	2	6	.05	.009	28	5	.04	67	.01	2	.49	.08	.12	1	63
B 84234	2	17	46	52	.1	15	16	486	2.77	6	5	ND	18	3	.2	2	3	13	.02	.022	45	6	.03	86	.01	2	.73	.04	.21	1	75
B 84235	1	24	16	38	.1	8	14	449	2.56	6	5	ND	20	4	.2	2	2	10	.01	.021	54	5	.04	97	.01	2	.93	.04	.28	1	140
B 84236	1	7	7	22	.1	6	2	260	.58	2	5	ND	11	3	.2	2	2	2	.02	.009	24	5	.01	91	.01	2	.20	.07	.08	1	25
STANDARD C/AU-R	18	58	39	131	7.1	71	32	1054	3.97	40	22	7	39	53	19.0	14	21	56	.46	.090	38	58	.90	182	.08	34	1.90	.06	.14	11	550

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 13 1990 DATE REPORT MAILED: Nov 14/90 SIGNED BY.........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 84237	1	32	7	66	.1	9	7	377	1.60	10	5	ND	23	3	.2	2	2	7	.02	.014	59	6	.03	62	.01	3	.52	.05	.20	1	27
B 84238	1	7	5	60	.1	8	6	375	1.45	6	5	ND	17	3	.3	2	2	9	.02	.016	47	5	.03	78	.01	2	.48	.04	.21	1	24
B 84239	1	8	7	31	.1	11	6	394	1.47	5	5	ND	11	6	.2	2	2	4	.06	.012	19	5	.03	78	.01	3	.24	.07	.10	1	46
B 84240	3	4	13	24	.1	14	9	391	2.36	4	5	ND	10	36	.2	2	2	6	.52	.010	11	5	.24	40	.01	2	.27	.04	.17	1	100
B 84241	1	9	7	24	.1	10	5	469	1.33	2	5	ND	10	13	.2	2	2	3	.20	.015	23	5	.06	73	.01	2	.21	.07	.08	1	52
B 84242	2	16	11	20	.2	15	9	234	2.12	2	5	ND	10	22	.2	2	2	5	.31	.021	14	5	.14	28	.01	2	.35	.04	.19	1	210
B 84243	1	24	11	41	.2	17	11	443	2.31	2	5	ND	10	36	.2	2	2	4	.33	.021	12	4	.29	70	.01	4	.40	.03	.26	1	91
B 84244	2	65	19	65	.1	16	13	390	2.75	8	5	ND	10	5	.2	2	2	3	.07	.026	17	4	.34	38	.01	2	.41	.02	.26	1	49
B 84245	1	72	14	58	.1	13	10	387	2.81	6	5	ND	13	7	.2	2	2	3	.08	.032	21	4	.47	44	.01	2	.51	.02	.31	1	24
B 84246	1	48	6	55	.2	10	8	472	2.35	6	5	ND	14	5	.2	2	2	3	.05	.020	26	4	.36	79	.01	2	.52	.02	.30	1	190
B 84247 29M	1	135	5	84	.1	15	12	1081	2.52	2	5	ND	13	6	.3	2	2	14	.03	.021	41	4	.06	170	.01	5	.59	.02	.28	1	110
B 84248	1	97	7	46	.1	10	7	404	1.43	3	5	ND	13	4	.2	2	2	10	.02	.011	39	4	.04	71	.01	2	.49	.04	.19	1	31
B 84249	1	27	13	46	.1	13	7	603	1.92	5	5	ND	13	6	.2	2	2	10	.01	.009	31	4	.03	213	.01	2	.44	.04	.18	1	200
B 84250	1	16	33	83	.1	12	9	526	2.15	2	5	ND	12	6	.4	2	2	5	.03	.026	26	4	.04	206	.01	3	.48	.02	.25	1	56
B 84251	2	22	101	123	.2	15	7	588	2.43	2	5	ND	11	5	1.3	2	2	7	.03	.012	22	5	.03	100	.01	3	.45	.04	.24	1	440
B 84252	1	117	7	24	.1	7	5	216	1.10	2	5	ND	18	5	.2	2	2	5	.01	.012	40	4	.02	105	.01	2	.34	.05	.11	1	140
B 84253	1	11	146	162	.1	11	7	125	1.45	2	5	ND	9	13	.8	2	2	4	.16	.013	23	4	.06	30	.01	2	.26	.05	.13	1	350
B 84254	2	48	363	255	1.4	7	4	110	1.82	2	5	ND	11	3	1.8	2	2	5	.01	.013	29	5	.02	41	.01	2	.48	.05	.16	1	440
B 84255	1	37	49	208	.2	22	15	622	3.35	6	5	ND	13	9	1.6	2	2	7	.06	.037	23	5	.07	95	.01	7	.66	.05	.30	1	74
B 84256	1	20	16	76	.1	15	9	118	3.01	17	5	ND	13	7	.2	2	2	4	.07	.034	23	5	.08	66	.01	4	.65	.04	.34	1	5
B 84257	2	25	27	60	.1	16	7	559	2.44	182	5	ND	9	28	.2	2	2	4	.99	.026	14	4	.09	49	.01	2	.49	.04	.26	1	4
B 84258	4	38	51	154	.1	28	13	424	3.80	38	5	ND	9	6	.6	2	2	6	.13	.052	13	5	.13	69	.01	2	.75	.01	.37	1	6
B 84259	3	104	42	125	.1	31	11	383	3.18	30	5	ND	9	5	.2	2	2	11	.18	.067	13	13	.68	63	.01	3	1.33	.02	.29	1	1
B 84260	1	27	153	465	.3	12	7	390	2.13	5	5	ND	11	4	.5	2	2	12	.05	.021	16	13	1.17	52	.01	2	1.29	.05	.12	1	2
B 84261 37M	1	10	25	105	.1	10	4	367	1.47	4	5	ND	11	5	.3	2	2	8	.06	.017	29	11	.45	58	.01	2	.94	.07	.13	1	2
B 84262	1	8	10	39	.1	12	6	252	1.41	2	5	ND	13	5	.2	2	2	7	.08	.017	18	9	.42	124	.01	2	.79	.05	.22	1	7
STANDARD C/AU-R	18	58	40	131	7.1	72	31	1056	3.97	42	19	7	39	53	19.6	15	20	59	.46	.095	40	61	.90	180	.07	32	1.91	.06	.13	13	500

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT DAVID File # 90-5904 Page 1

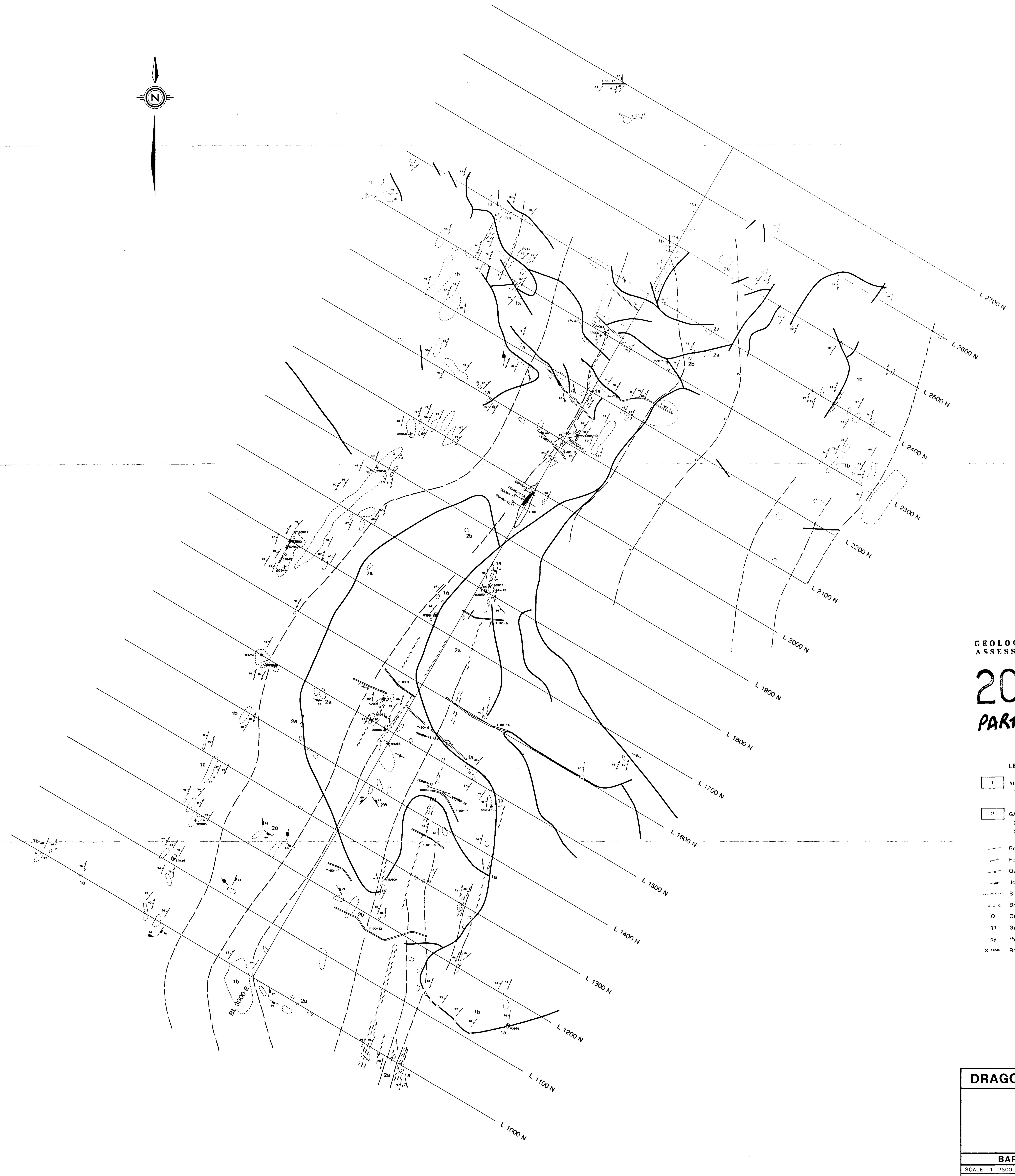
901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: S. SANDERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 82744	1	27	29	68	.3	15	9	428	2.02	2	6	ND	14	13	.2	2	2	3	.25	.020	21	7	.32	69	.01	2	.44	.02	.25	1	67
B 84263	1	5	16	24	.2	9	3	180	1.25	2	6	ND	14	2	.2	2	2	6	.03	.014	28	12	.60	32	.01	2	.73	.02	.09	1	8
B 84264	1	3	21	41	.1	11	5	178	1.44	7	5	ND	15	1	.2	2	2	6	.03	.015	30	14	.63	31	.01	2	.81	.02	.08	1	5
B 84265	1	26	17	63	.2	13	6	273	1.87	6	5	ND	19	3	.2	2	2	8	.06	.017	33	12	.77	57	.01	2	.93	.02	.13	1	9
B 84266	1	13	19	36	.3	15	7	308	1.64	2	6	ND	14	5	.2	2	2	6	.07	.022	19	10	.27	106	.02	2	.57	.02	.27	1	10
B 84267	2	21	93	98	.1	12	8	381	3.28	2	5	ND	17	3	.6	2	2	14	.02	.022	44	9	.09	70	.01	2	.62	.01	.20	1	3
B 84268	2	58	209	84	.1	11	8	371	2.15	4	5	ND	13	2	.6	2	2	10	.01	.010	37	7	.02	60	.01	2	.67	.01	.14	1	360
B 84269	1	63	135	45	.2	8	6	354	1.25	2	5	ND	15	3	.4	2	2	6	.02	.009	42	5	.02	66	.01	2	.50	.01	.13	1	350
B 84270	1	43	69	129	.3	10	7	387	1.78	4	5	ND	14	3	.8	2	2	7	.05	.011	42	6	.08	64	.01	2	.81	.01	.12	1	22
B 84271	2	24	25	95	.5	13	9	1123	2.15	2	5	ND	17	3	2.7	2	2	4	.03	.013	44	9	.03	148	.01	2	.65	.01	.17	1	14
B 84272	1	26	11	21	.1	4	2	33	.82	2	5	ND	13	1	.2	2	2	2	.01	.007	35	3	.01	27	.01	2	.30	.01	.09	1	3
B 84273	1	20	20	40	.1	6	4	58	1.14	2	5	ND	17	3	.3	2	2	3	.03	.015	39	5	.03	28	.01	2	.41	.01	.10	1	6
B 84274	1	31	234	127	.3	10	13	887	3.17	2	5	ND	20	4	1.1	2	2	6	.04	.026	50	4	.08	137	.01	2	.66	.01	.18	1	11
B 84275	1	83	590	187	.2	14	13	1100	3.54	2	5	ND	18	3	2.1	2	2	5	.07	.045	49	4	.05	148	.01	2	.54	.01	.17	1	10
B 84276	2	112	20	82	.3	10	7	527	1.05	2	5	ND	20	2	.9	2	2	3	.02	.018	55	8	.02	80	.01	2	.38	.01	.23	1	6
B 84277	1	281	1035	332	.2	13	19	870	3.20	2	5	ND	14	3	1.2	2	2	7	.03	.032	40	6	.07	91	.01	2	.87	.01	.13	1	22
B 84278	1	117	1403	517	.4	18	22	1301	4.41	2	5	ND	18	4	2.3	2	2	10	.05	.030	47	5	.13	179	.01	2	.98	.01	.20	1	18
B 84279	1	81	498	158	.4	8	14	716	2.37	2	5	ND	17	2	1.6	2	2	2	.02	.022	44	5	.02	104	.01	2	.45	.01	.18	1	10
B 84280	1	53	598	219	.7	8	6	244	2.40	2	5	ND	17	2	1.1	2	2	2	.03	.020	42	5	.02	62	.01	2	.44	.01	.21	1	6
B 84281	9	14	364	46	.9	18	3	385	.80	2	5	ND	2	2	.2	2	2	2	.01	.003	7	15	.01	35	.01	4	.11	.01	.07	1	10
B 84282	3	61	1229	271	2.9	7	2	104	2.61	2	5	ND	20	2	.6	2	2	4	.01	.027	50	6	.02	133	.01	2	.63	.01	.20	1	120
B 84283	2	202	3372	442	.7	7	1	8	3.31	7	5	ND	10	2	.5	2	2	2	.02	.045	27	7	.02	25	.01	2	.70	.02	.17	1	83
B 84284	12	79	2328	215	7.3	12	2	34	2.02	8	5	ND	3	1	.7	2	20	1	.01	.015	7	12	.01	45	.01	2	.14	.01	.06	1	1090
B 84285	8	97	1943	542	1.6	13	4	17	2.13	4	5	ND	9	3	3.7	2	2	2	.01	.016	18	9	.01	106	.01	2	.46	.02	.09	1	230
B 84286	2	116	531	235	.2	8	11	420	1.69	3	5	ND	19	2	.8	2	2	2	.02	.021	53	6	.03	44	.01	2	.56	.01	.21	1	21
B 84287	3	114	435	157	.3	8	5	167	1.98	2	5	ND	17	4	.3	2	2	3	.02	.023	48	6	.02	67	.01	2	.59	.01	.17	1	72
B 84288	1	143	361	178	.7	8	5	66	2.77	2	5	ND	17	14	.2	2	2	3	.02	.031	29	4	.04	187	.01	3	.41	.01	.23	1	170
B 84289	5	113	1722	128	.9	12	3	612	1.06	2	5	ND	2	7	.3	2	5	6	.02	.030	5	12	.01	55	.01	2	.11	.01	.03	1	1170
B 84290	13	345	1812	287	1.1	11	1	38	2.14	6	5	ND	10	3	.6	2	2	4	.01	.022	29	11	.01	24	.01	4	.53	.01	.11	1	210
B 84291	19	144	1689	46	25.8 ✓	12	1	26	1.13	2	5	60	3	2	.3	2	48	1	.01	.013	7	9	.01	45	.01	4	.09	.01	.08	1	61300
B 84292	33	331	6413	591	23.8 ✓	11	2	22	2.33	4	5	9	4	2	4.8	2	71	1	.01	.020	6	10	.01	61	.01	2	.10	.01	.07	1	2850
B 84293	13	40	1847	92	3.5	10	1	62	.66	2	5	ND	1	4	.3	2	25	1	.03	.028	2	9	.01	10	.01	3	.04	.01	.01	1	490
B 84294	7	69	817	339	1.5	21	10	196	2.89	2	8	ND	13	6	4.0	2	2	6	.06	.030	19	8	.17	63	.01	2	.35	.02	.20	1	260
B 84295	2	60	299	203	.6	20	10	379	2.26	2	6	ND	10	21	2.7	2	2	4	.28	.030	16	6	.23	41	.01	2	.32	.02	.17	1	320
B 84296	7	16	6634	147	31.4 ✓	23	9	255	3.36	4	5	ND	12	35	.9	2	72	4	.36	.033	12	7	.17	33	.01	2	.31	.04	.13	1	330
B 84297	3	35	74	144	.1	15	7	354	1.56	4	5	ND	10	11	1.9	2	2	3	.24	.016	15	8	.11	54	.01	3	.26	.03	.12	1	27
STANDARD C/AU-R	18	58	38	133	7.1	72	31	1054	4.00	44	21	7	40	52	18.8	14	17	59	.46	.098	40	59	.90	182	.07	32	1.91	.06	.13	11	530

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 15 1990 DATE REPORT MAILED: Nov 21/90. SIGNED BY.............D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ASSAY RECOMMENDED (In Progress)



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,873

PART 2 OF 2

LEGEND

1	ALDRIDGE FORMATION 1a Altered siltstone, quartzite 1b Siltstone, quartzite
2	GABBRO 2a Unaltered 2b Prominent epidote-chlorite alteration

- Bedding
- Foliation, cleavage
- Quartz vein
- Jointing
- Shearing
- Brecciation
- O Quartz veining
- ga Galena
- py Pyrite
- x Rock geochem. sample

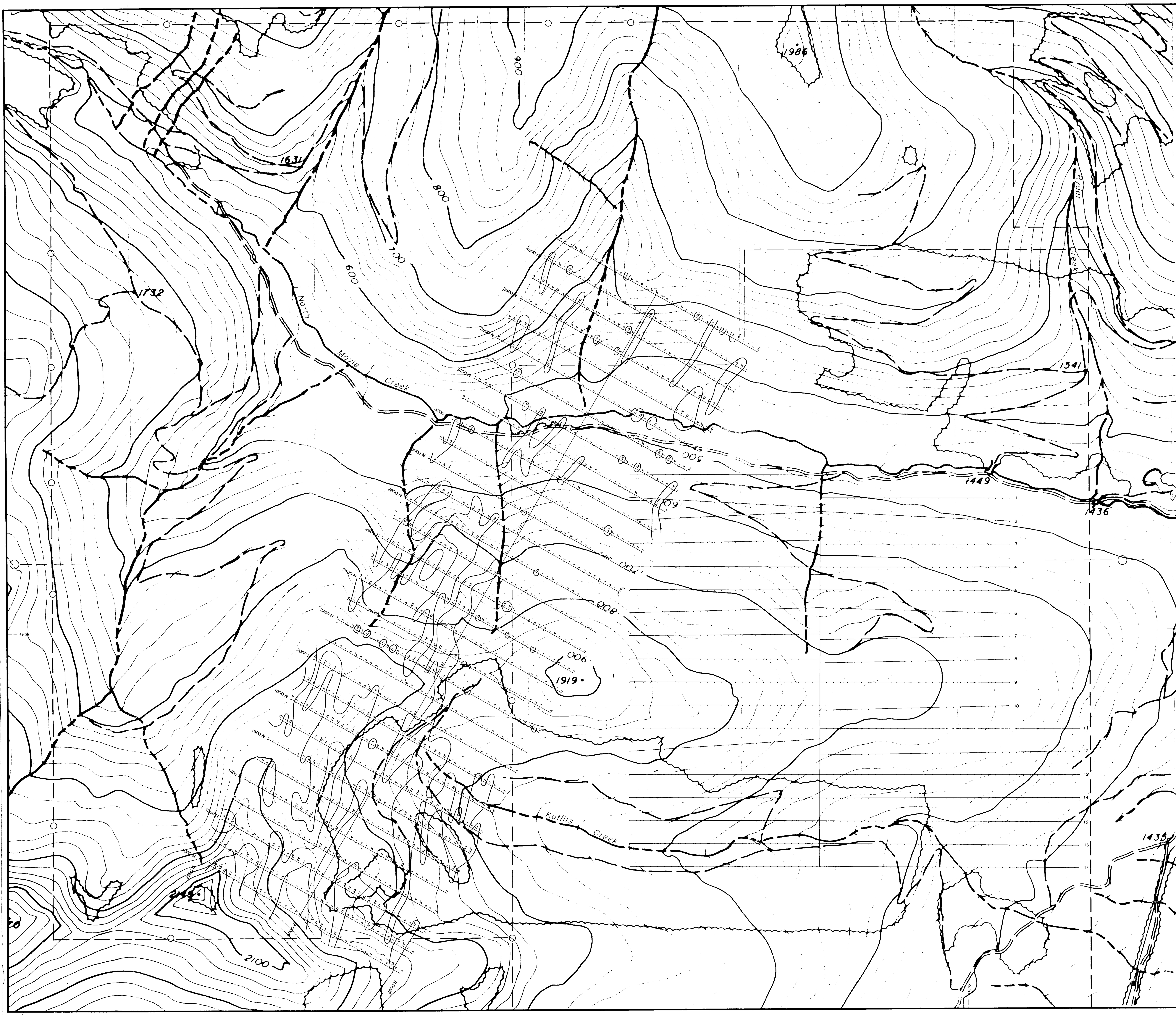
DRAGOON RESOURCES LTD.

DAVID – LEW

GEOLOGY

BAPTY RESEARCH LIMITED

SCALE: 1 : 2500	N.T.S.: 82F/4	FIG. NO.
DRAWN BY		5
DATE: NOVEMBER, 1990	MAP NO.	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,873

PART 2 OF 2

>10 ppb Au

DRAGOON RESOURCES LTD.

DAVID - LEW

SOIL GEOCHEMISTRY - Au

BAPTY RESEARCH LIMITED

SCALE 1: 5000	N.T.S. 82F/4	FIG. NO. 6
DRAWN BY		
DATE NOVEMBER 1990	MAP NO.	


N
North Moyie Creek
Kutlits Creek
Ryder Creek
1986
1800
1700
1600
1631
1732
1541
1449
1436
1919
2100
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,873
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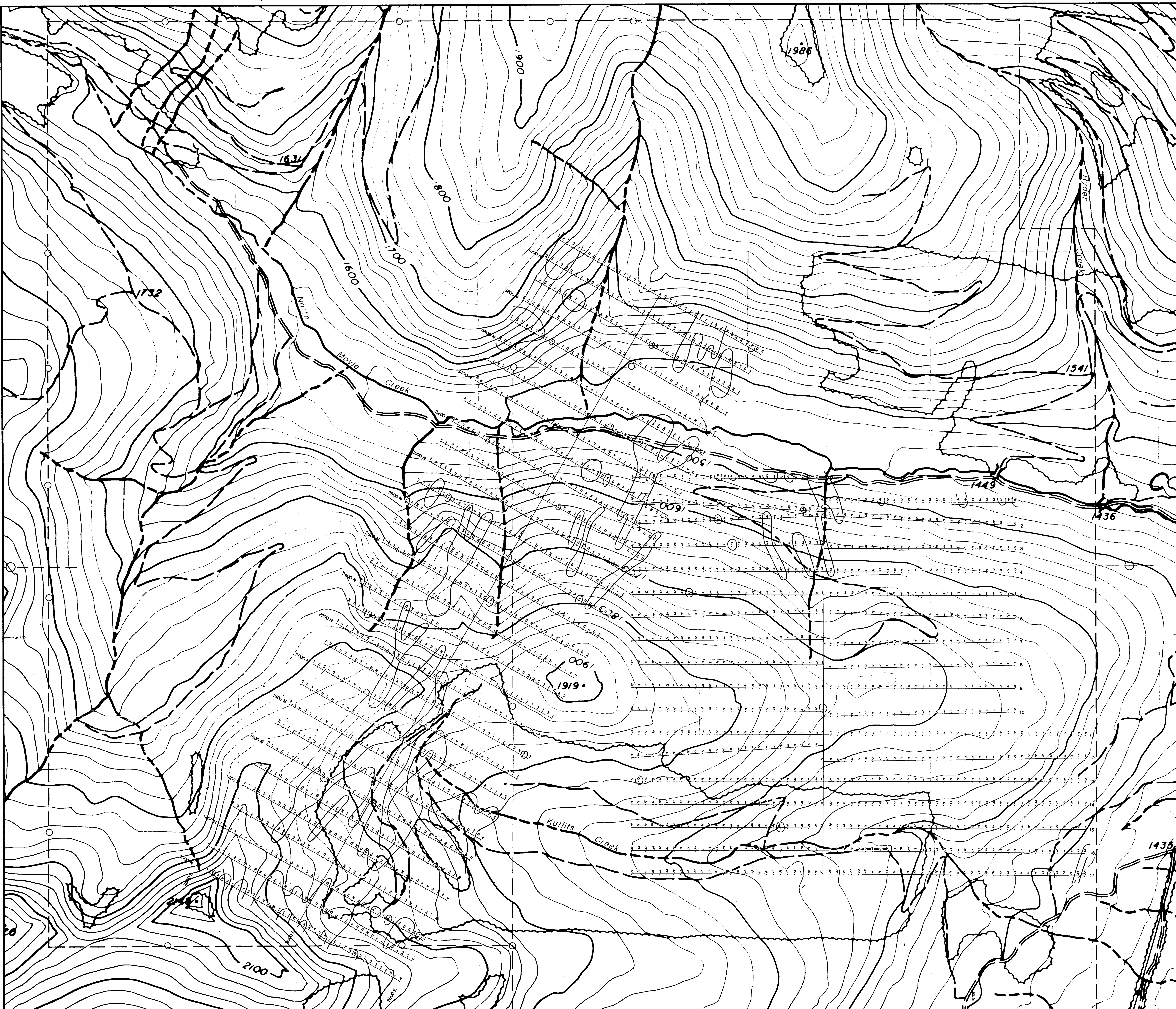
>50 ppm Cu
DRAGOON RESOURCES LTD.
DAVID - LEW
SOIL GEOCHEMISTRY - Cu
BAPTY RESEARCH LIMITED
SCALE 1 5000
NTS 82F/4
DRAWN BY
DATE NOVEMBER 1990
MAP NO
FIG NO
7

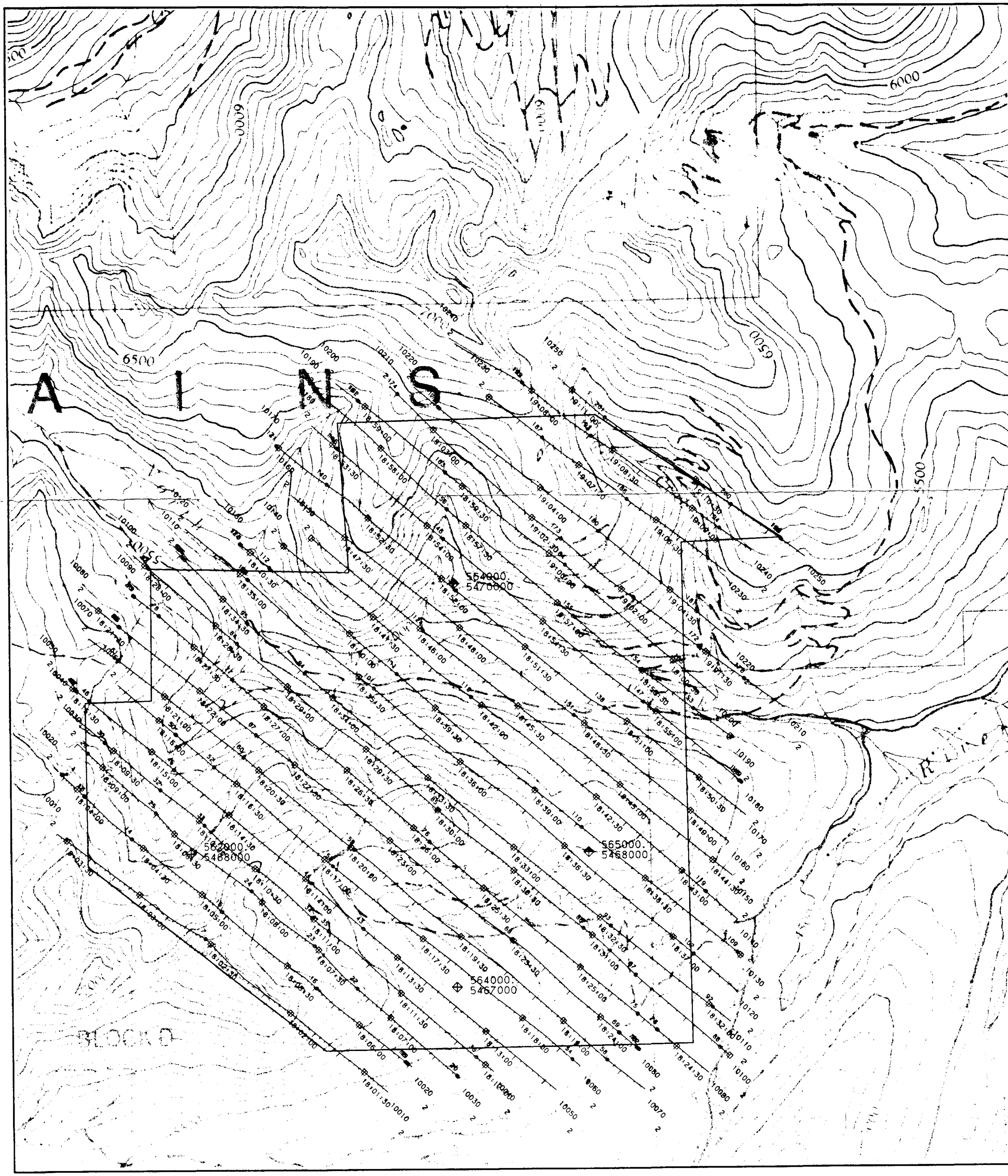


GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,873

PART 2 OF 2

DRAGOON RESOURCES LTD.		
DAVID – LEW SOIL GEOCHEMISTRY – Pb		
BAPTY RESEARCH LIMITED		
SCALE: 1 : 5000	N.T.S.: 82F/4	FIG. NO. 8
DRAWN BY:		
DATE: NOVEMBER, 1990	MAP NO.	



N

Flight Path

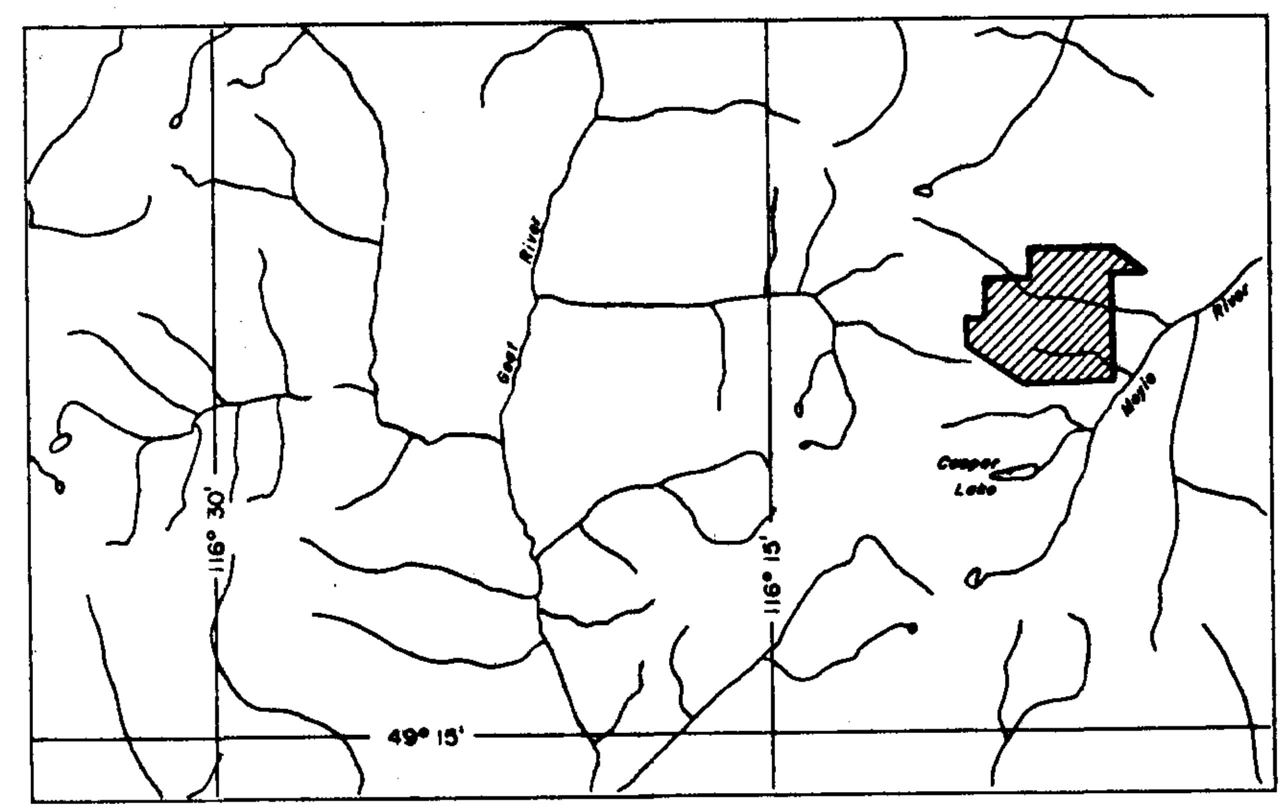
Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

GEOLOGICAL BRANCH ASSESSMENT REPORT

20,873

PART 2 OF 2



BAPTY RESEARCH LTD.

FLIGHT PATH

LEW/DAVID PROPERTY

BRITISH COLUMBIA

SCALE 1:20,000

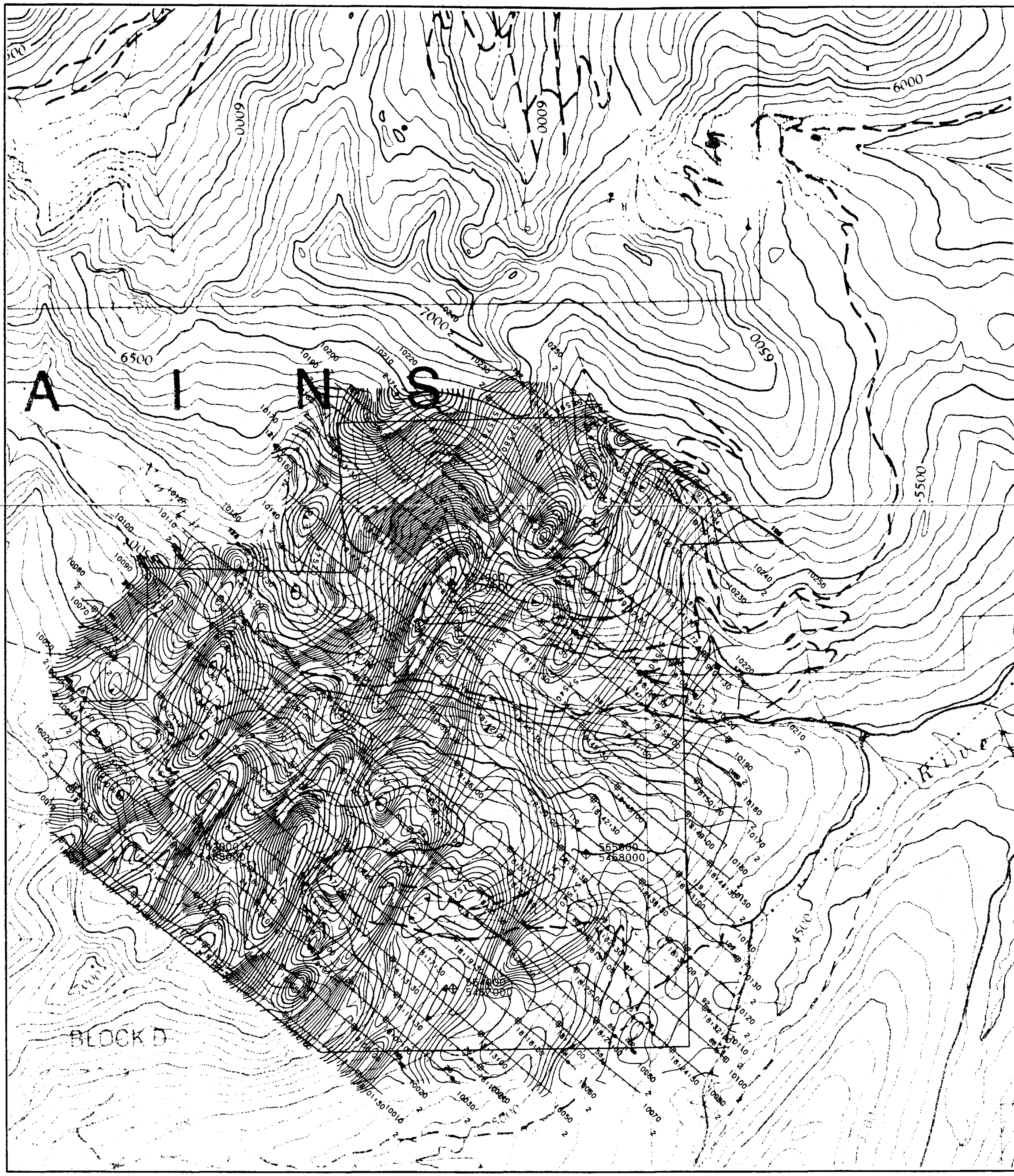
0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE:	AUGUST 1990
NTS No:	82G 13/14
MAP No:	2 J9067 - 1

Fig. No. 9



N

GEOLOGICAL BRANCH ASSESSMENT REPORT

20,873

PART 2 OF 2

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

Magnetics

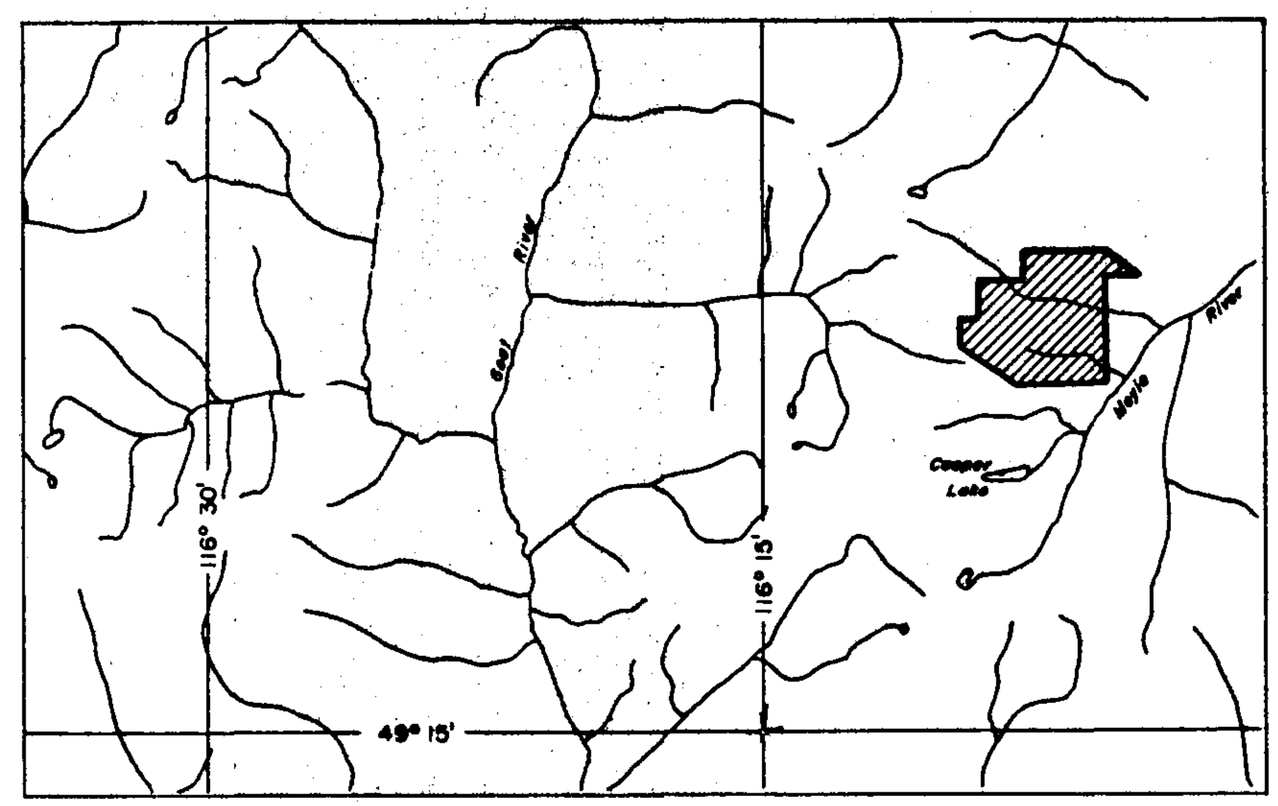
Total Field Magnetic Intensity Contours in nT.

Cesium high sensitivity magnetometer.

Sensor elevation 45m

Map contours are multiples of those listed below

- 2 nT
- 10 nT
- 50 nT
- 250 nT
- 1000 nT



BAPTY RESEARCH LTD.

TOTAL FIELD MAGNETIC CONTOURS

LEW/DAVID PROPERTY

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

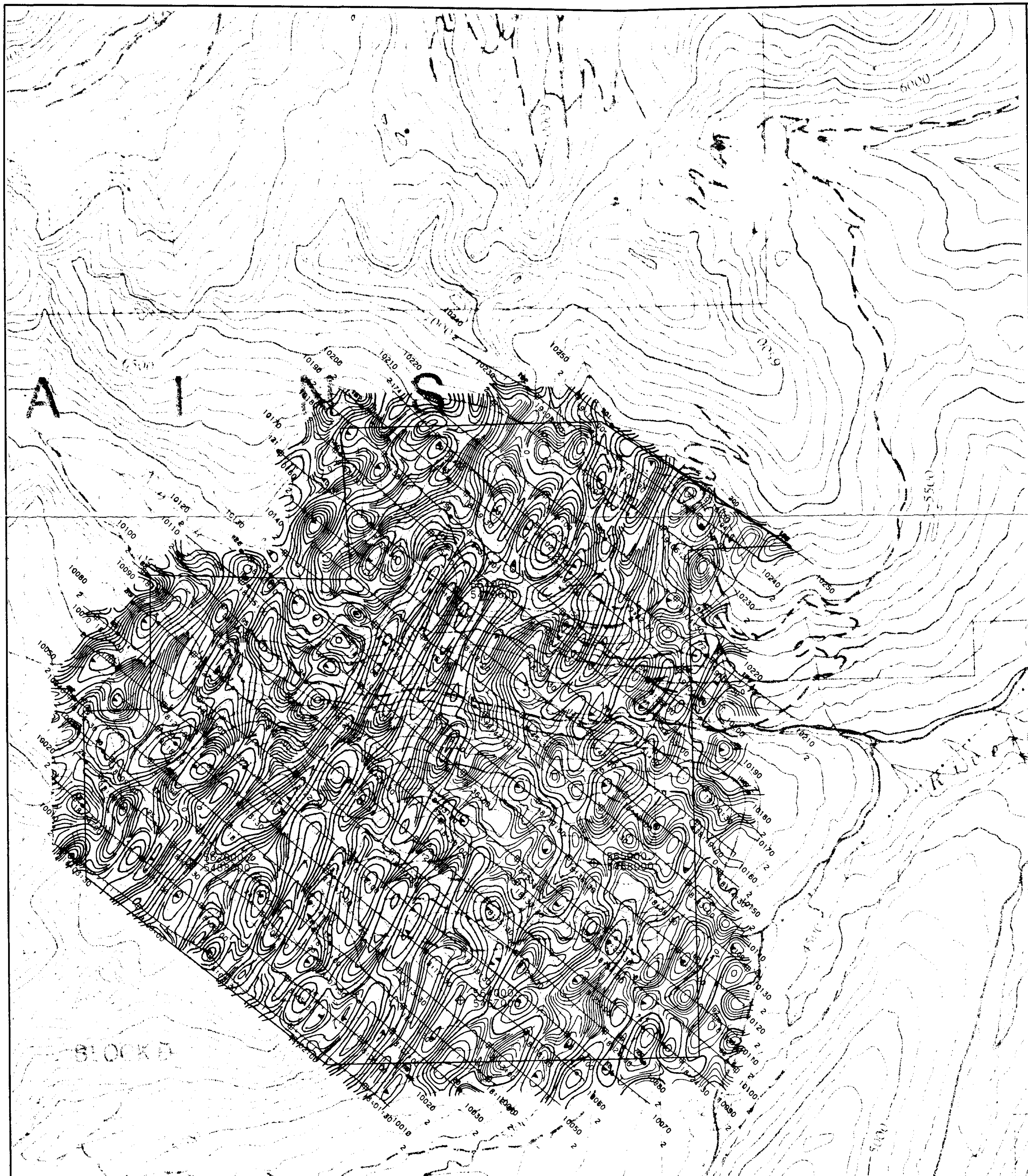
DATE:	AUGUST 1990
NTS No:	82G 13/14
MAP No:	3 J9067 - 1

Fig. No. 10

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,873

PART 2 OF 2



N

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

Vertical Gradient

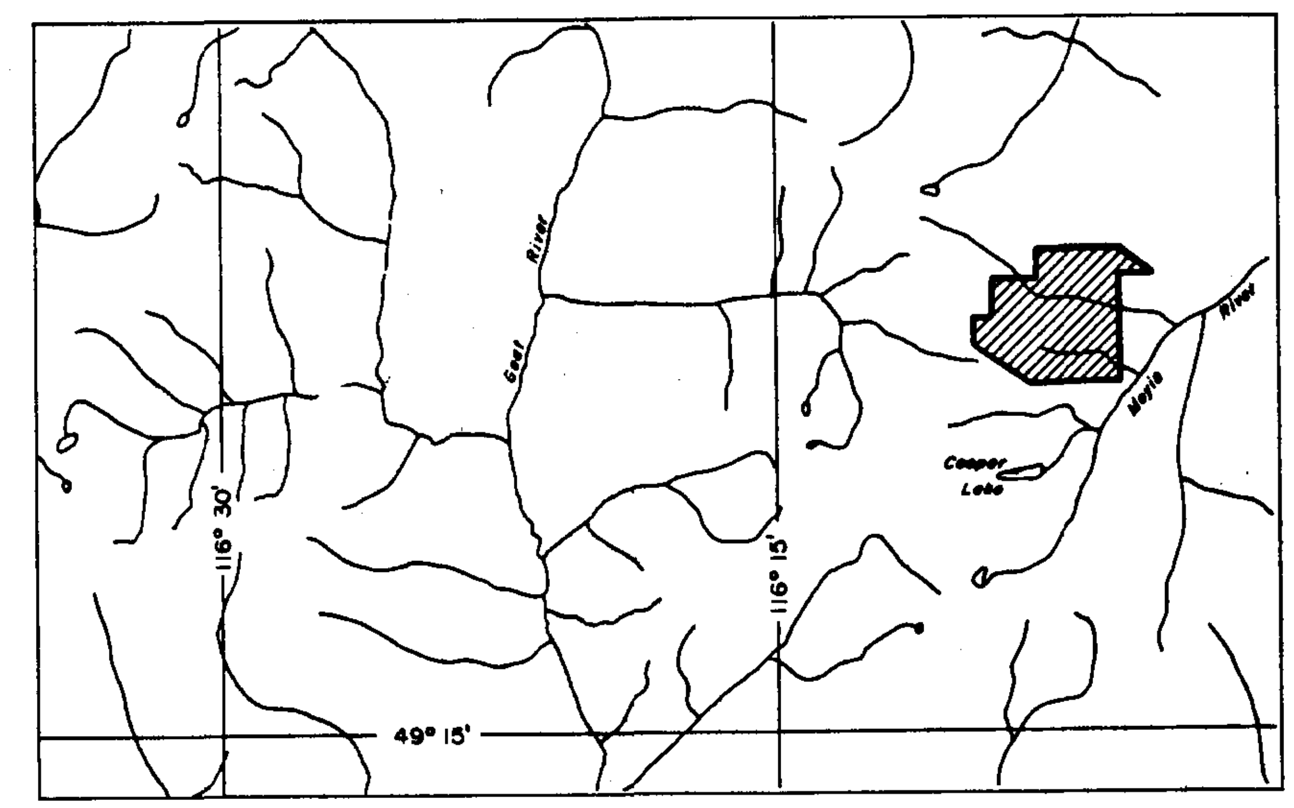
Vertical Magnetic Gradient calculated from the total field magnetic intensity in nT/m.

Cesium high sensitivity magnetometer.

Sensor elevation 45m

Map contours are multiples of those listed below

0.02 nT
0.10 nT
0.50 nT
2.50 nT
10.00 nT



BAPTY RESEARCH LTD.

CALCULATED VERTICAL MAGNETIC GRADIENT

LEW/DAVID PROPERTY

BRITISH COLUMBIA

SCALE 1:20,000

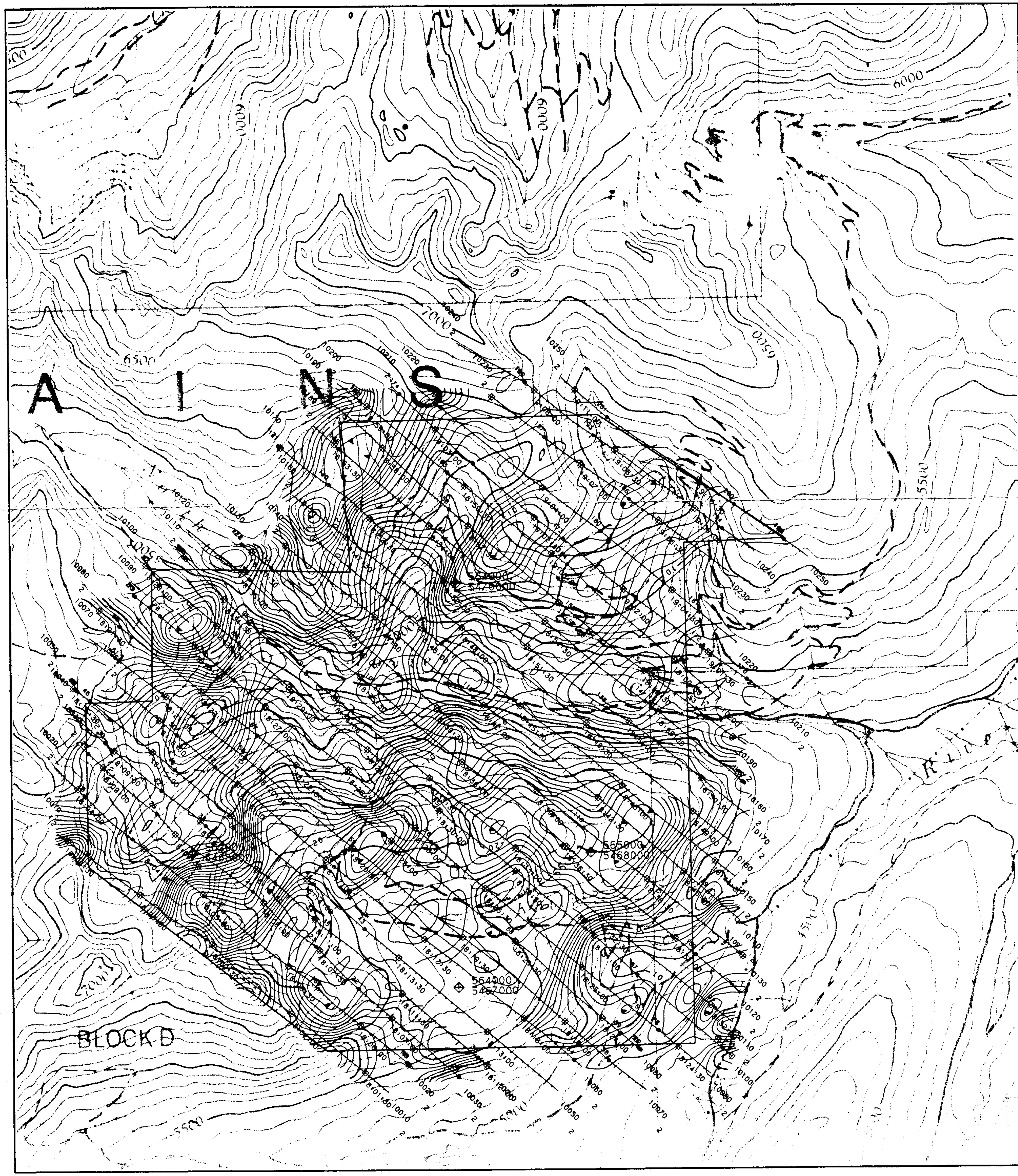
0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE:	AUGUST 1990
NTS No:	82G 13/14
MAP No:	4 J9067 - 1

Fig. No. 11



N

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

VLF-EM

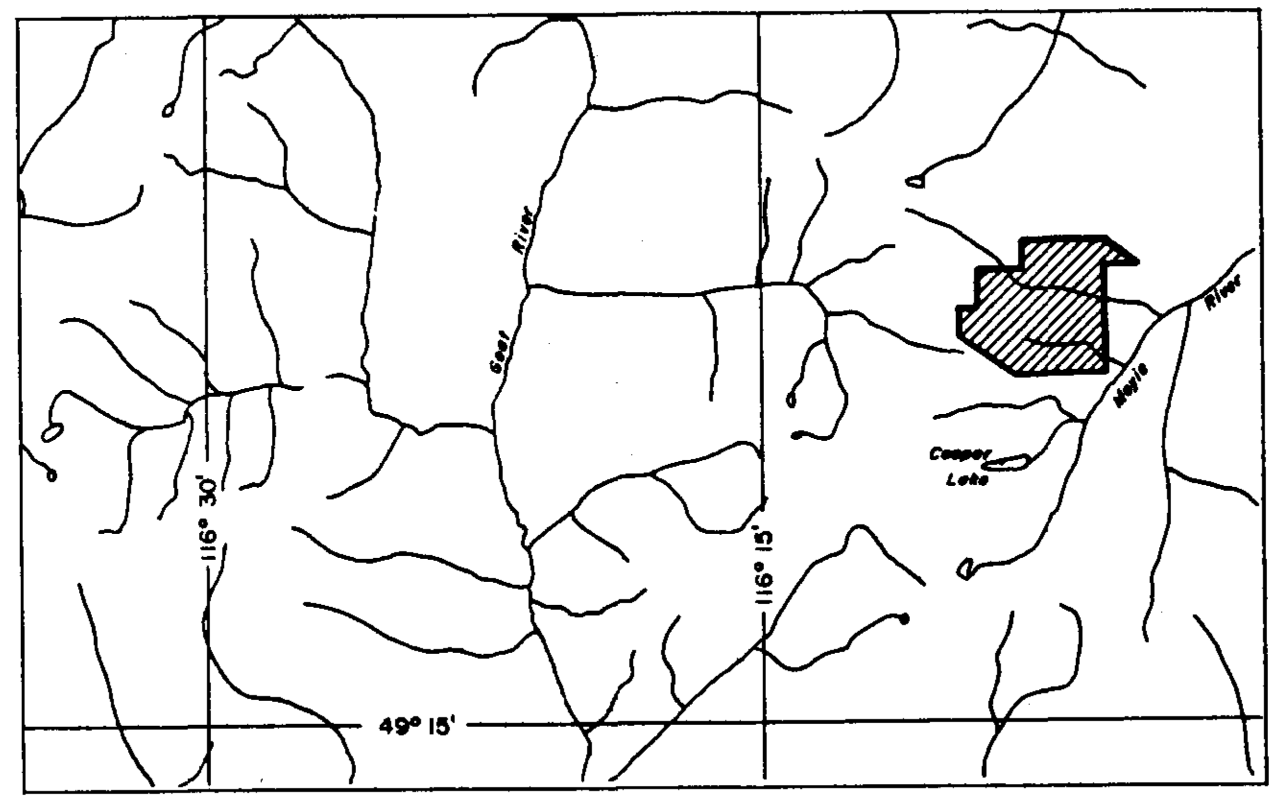
VLF-EM Total Field Intensity in percent.

Station: NPM
Lualualei, Hawaii
23.4 kHz

Sensor elevation 45m

Map contours are multiples of those listed below

2 %
10 %
50 %
250 %



20873 - PART 2 OF 2

BAPTY RESEARCH LTD.

VLF-EM TOTAL FIELD CONTOURS (LINE CHANNEL)

LEW/DAVID PROPERTY

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

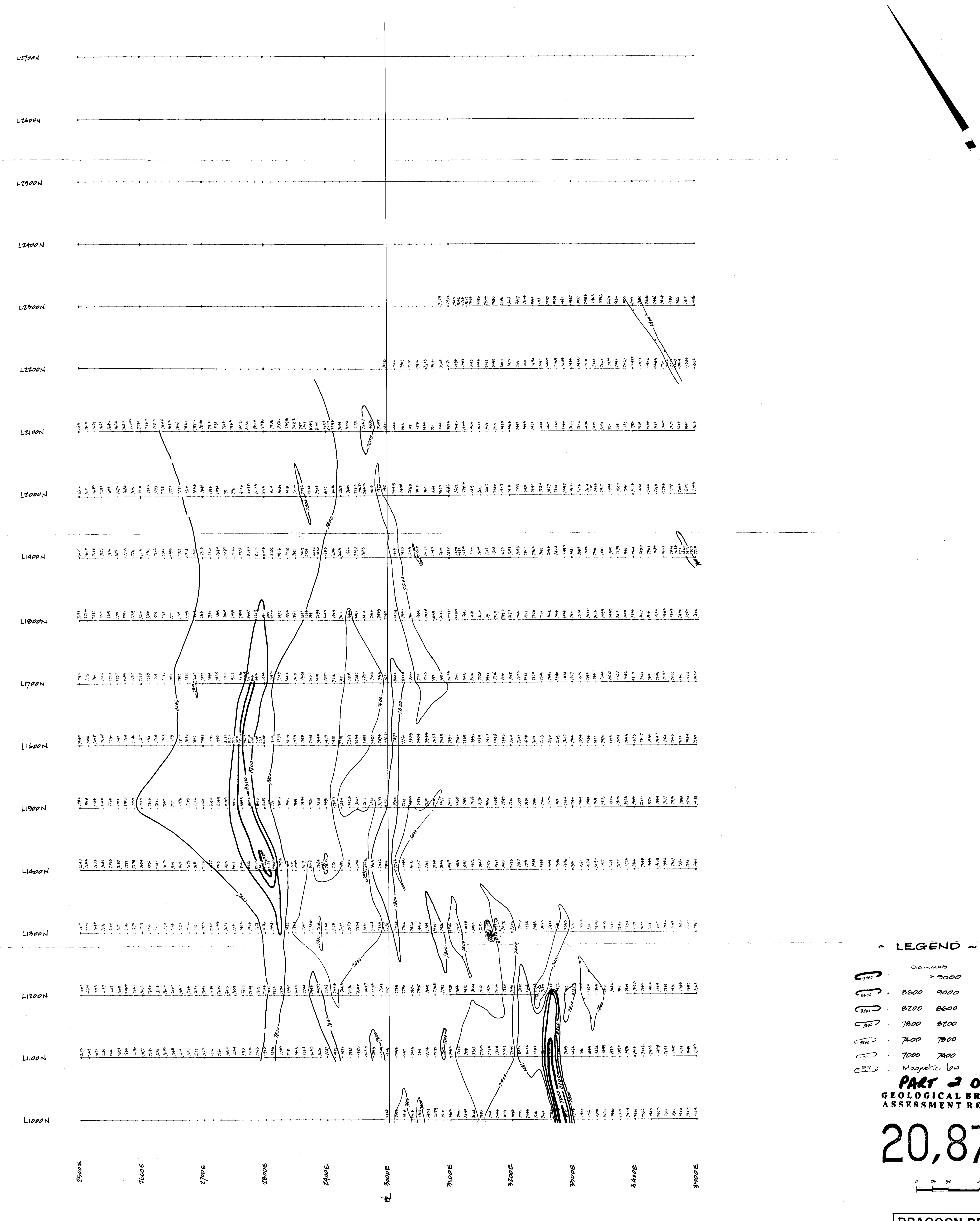
AERODAT LIMITED

DATE: AUGUST 1990

NTS No: 82G 13/14

MAP No: 5 J9067 - 1

Fig. No. 12



~ LEGEND ~

Gammas

9000	> 9000
8600	8600 9000
8200	8200 8600
7800	7800 8200
7400	7400 7800
7000	7000 7400
7400	Magnetic low

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GEOLOGICAL BRANCH ASSESSMENT REPORT

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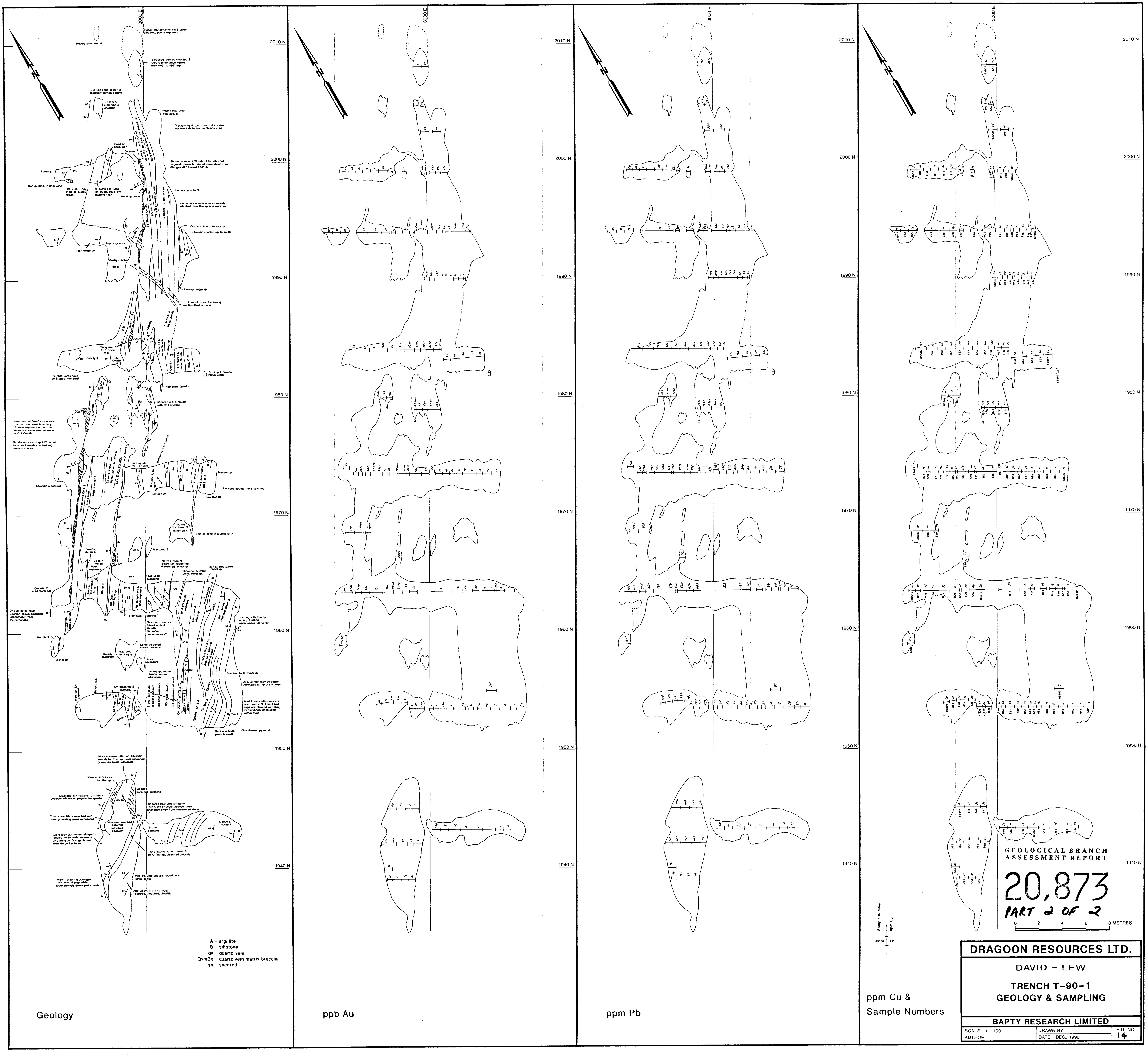
0 25 50 100 150 200m

DRAGOON RESOURCES LTD.

DAVID LEW CLAIMS
TOTAL FIELD
GROUND MAGNETICS

BAPTY RESEARCH LIMITED

SCALE: 1:2500	N.T.S.: 82 F/4	FIG. NO. 13
DRAWN BY: CK/m		
DATE: January 1991		



3000 E
2010 N
2000 N
1990 N
1980 N
1970 N
1960 N
1950 N
1940 N
A - argillite
S - siltstone
qv - quartz vein
QvmBx - quartz vein matrix breccia
sh - sheared
Geology
ppb Au
ppm Pb
ppm Cu &
Sample Numbers
GEOLOGICAL BRANCH
ASSESSMENT REPORT
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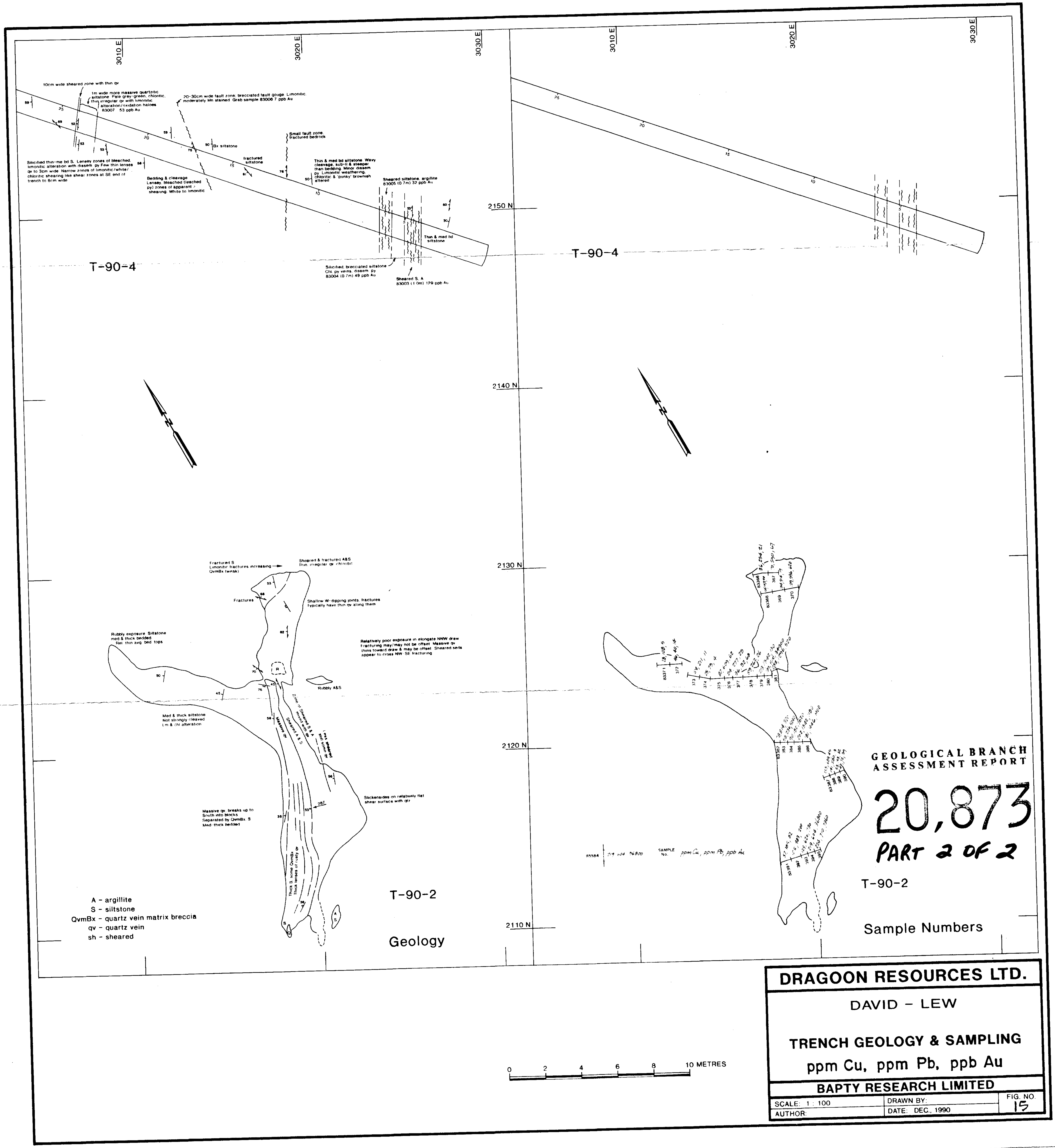
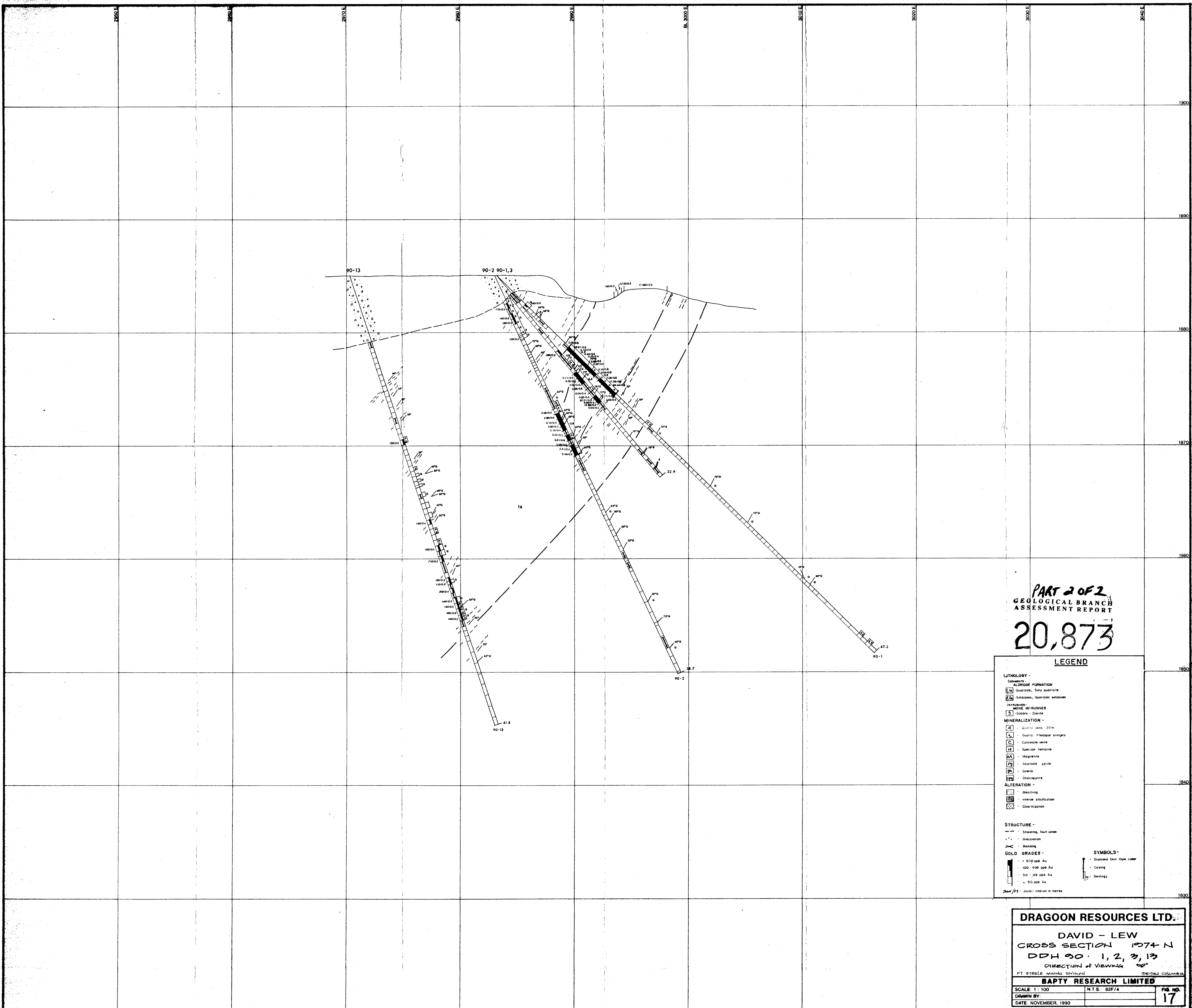
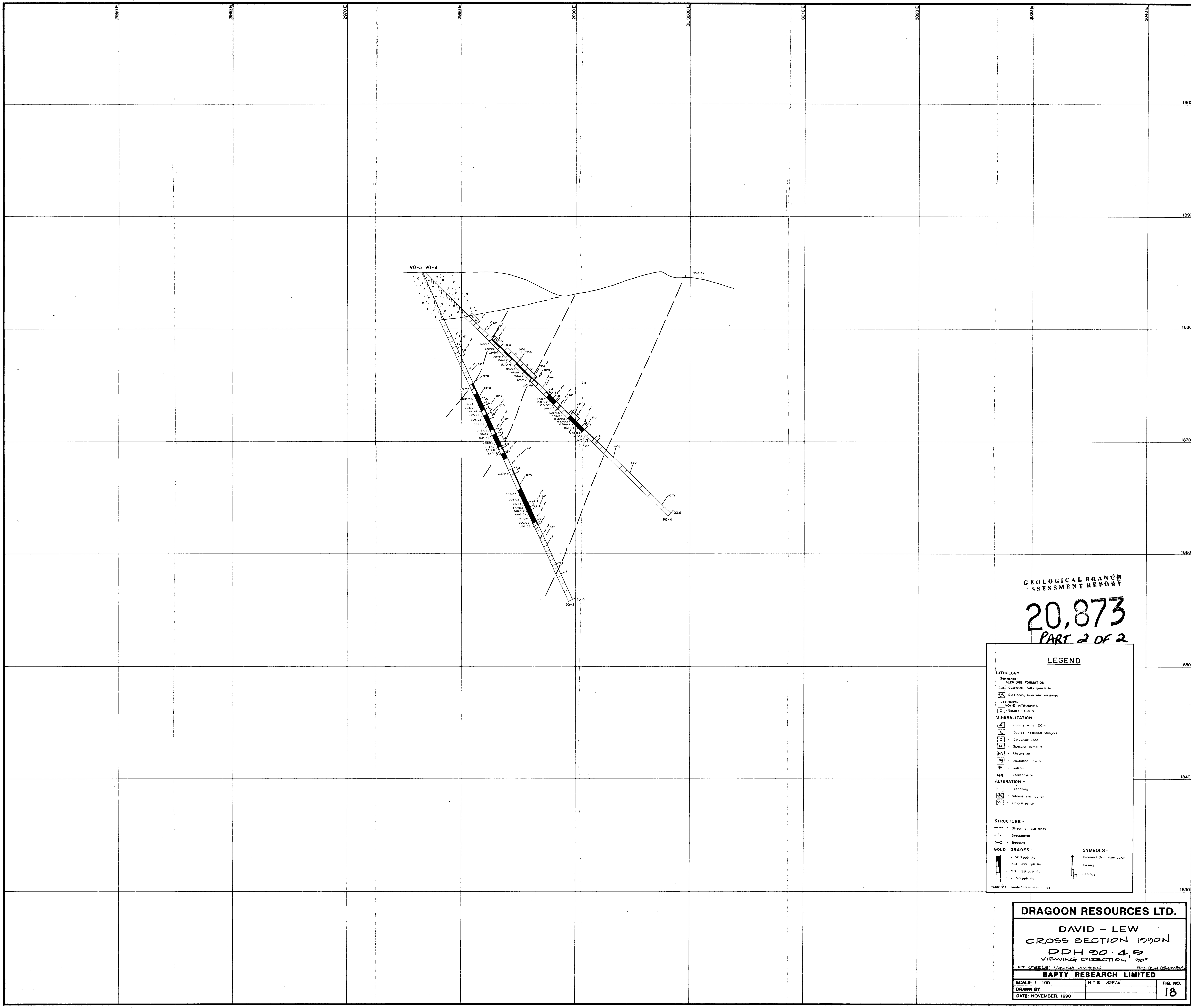
0 2 4 6 8 METRES
DRAGOON RESOURCES LTD.
DAVID - LEW
TRENCH T-90-1
GEOLOGY & SAMPLING
BAPTY RESEARCH LIMITED
SCALE: 1 : 100
AUTHOR:
DRAWN BY:
DATE: DEC. 1990
FIG. NO.
14

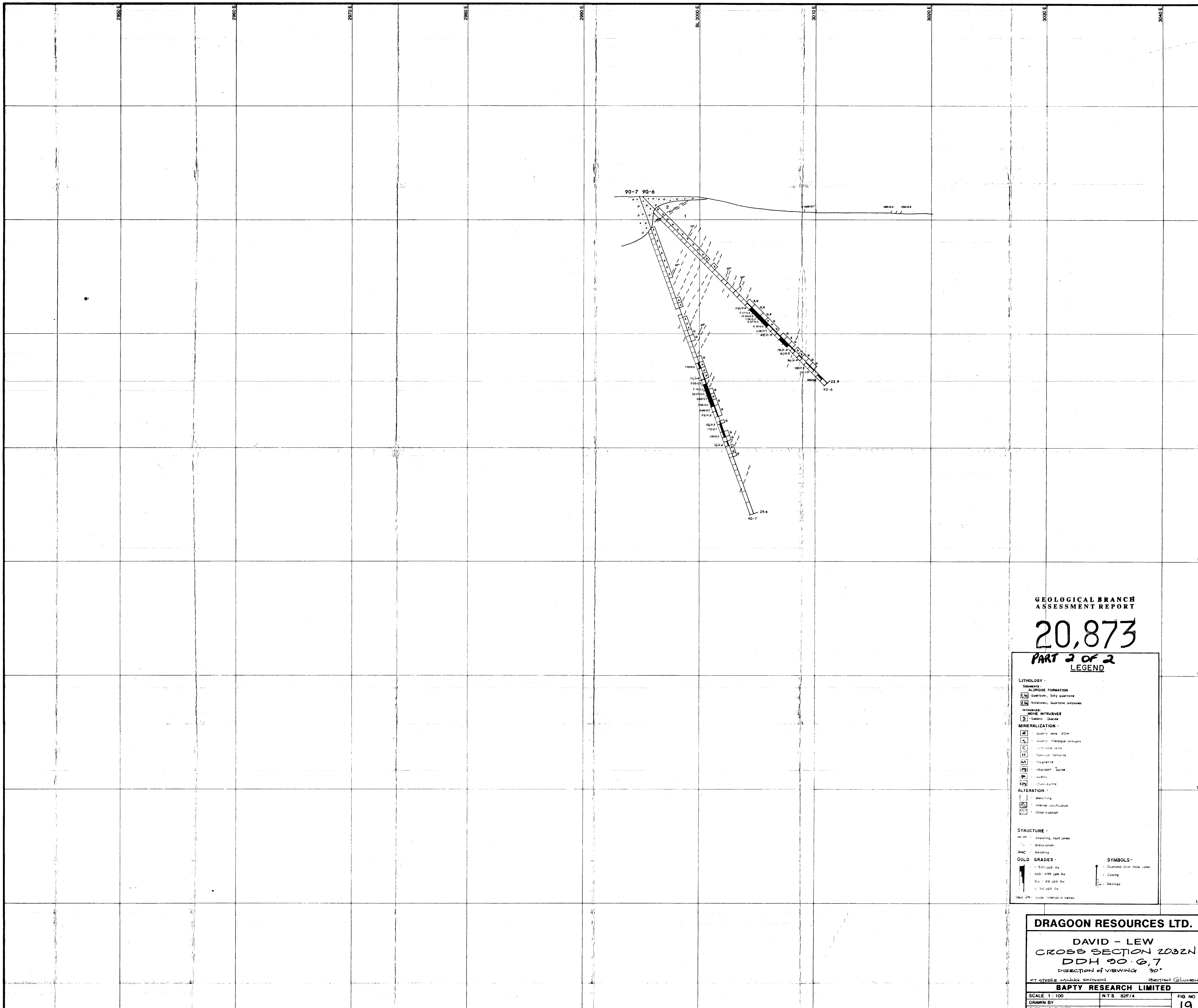


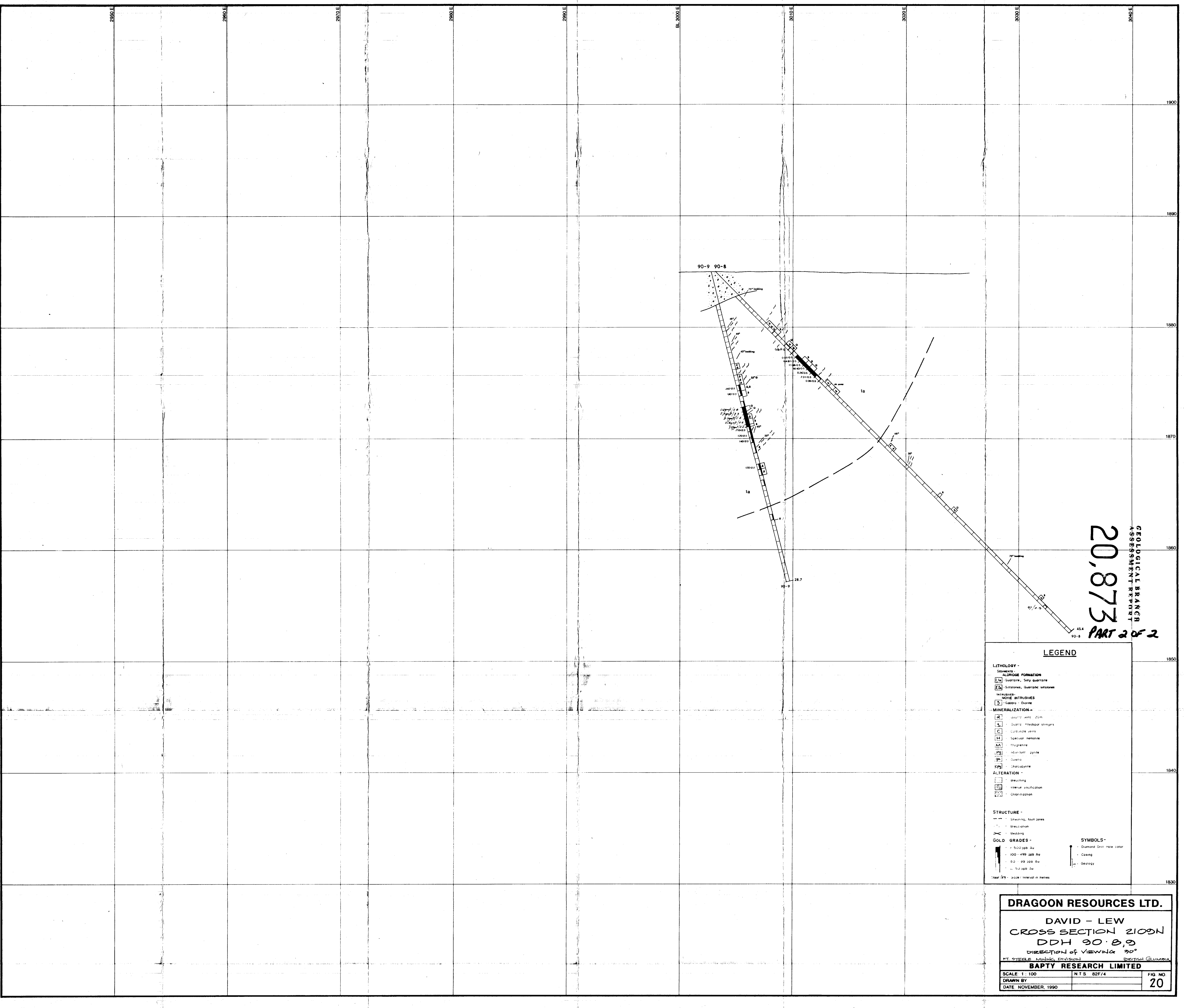
3010 E
3020 E
3030 E
2150 N
2140 N
2130 N
2120 N
2110 N
T-90-4
T-90-4
T-90-2
T-90-2
A - argillite
S - siltstone
QvmBx - quartz vein matrix breccia
qv - quartz vein
sh - sheared
Geology
Sample Numbers
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,873
PART 2 OF 2
0 2 4 6 8 10 METRES
DRAGOON RESOURCES LTD.
DAVID - LEW
TRENCH GEOLOGY & SAMPLING
ppm Cu, ppm Pb, ppb Au
BAPTY RESEARCH LIMITED
SCALE: 1 : 100
AUTHOR:
DRAWN BY:
DATE: DEC., 1990
FIG. NO.
15



2960 E
2960 E
2970 E
2980 E
2990 E
BL 3000 E
3010 E
3020 E
3030 E
3040 E
1900
1890
1880
1870
1860
1850
1840
1830
90-13
90-2 90-1,3
1a
22.9
47.2
90-1
38.7
90-2
41.8
90-13
PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,873
LEGEND
LITHOLOGY -
SEDIMENTS -
ALDRIDGE FORMATION
1,1a · Quartzite, Silty quartzite
2,2a · Siltstones, Quartzitic siltstones
INTRUSIVES -
MOYIE INTRUSIVES
5 · Gabbro - Diorite
MINERALIZATION -
Q · Quartz veins 20m
q · Quartz ± feldspar stringers
C · Carbonate veins
H · Specular hematite
M · Magnetite
py · Abundant pyrite
ga · Galena
cpy · Chalcopyrite
ALTERATION -
· Bleaching
· Intense silicification
· Chloritization
STRUCTURE -
· Shearing, fault zones
· Brecciation
· Bedding
GOLD GRADES -
· > 500 ppb Au
· 100 - 499 ppb Au
· 50 - 99 ppb Au
· < 50 ppb Au
· Grade / Interval in metres
SYMBOLS -
· Diamond Drill Hole collar
· Casing
· Geology
DRAGOON RESOURCES LTD.
DAVID - LEW
CROSS SECTION 1974 N
DDH 90 · 1, 2, 3, 13
DIRECTION of VIEWING 90°
FT. STEELE MINING DIVISION
BRITISH COLUMBIA
BAPTY RESEARCH LIMITED
SCALE: 1 : 100
N.T.S.: 82F/4
DRAWN BY:
DATE: NOVEMBER, 1990
FIG. NO. 17


2950 E
2960 E
2970 E
2980 E
2990 E
BL 3000 E
3010 E
3020 E
3030 E
3040 E
1900
1890
1880
1870
1860
1850
1840
1830
90-5 90-4
1a
30.5
90-4
32.0
90-5
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,873
PART 2 OF 2
LEGEND
LITHOLOGY -
SEDIMENTS -
ALDRIDGE FORMATION
1,1a · Quartzite, Silty quartzite
2,2a · Siltstones, Quartzitic siltstones
INTRUSIVES -
MOYIE INTRUSIVES
3 · Gabbro - Diorite
MINERALIZATION -
Q · Quartz veins 20m
q · Quartz feldspar stringers
C · Carbonate veins
H · Specular hematite
M · Magnetite
Py · Abundant pyrite
ga · Galena
Cpy · Chalcopyrite
ALTERATION -
· Bleaching
· Intense silicification
· Chloritization
STRUCTURE -
· Shearing, fault zones
· Brecciation
· Bedding
GOLD GRADES -
· > 500 ppb Au
· 100 - 499 ppb Au
· 50 - 99 ppb Au
· < 50 ppb Au
· Grade / interval in metres
SYMBOLS -
· Diamond Drill Hole collar
· Casing
· Geology
DRAGOON RESOURCES LTD.
DAVID - LEW
CROSS SECTION 1990N
DDH 90 - 4, 5
VIEWING DIRECTION 30°
FT. STEELE MINING DIVISION
BRITISH COLUMBIA
BAPTY RESEARCH LIMITED
SCALE: 1 : 100
N.T.S.: 82F/4
DRAWN BY:
DATE: NOVEMBER, 1990
FIG. NO. 18


2950 E
2960 E
2970 E
2980 E
2990 E
BL 3000 E
3010 E
3020 E
3030 E
3040 E
1900
1890
1880
1870
1860
1850
1840
1830
90-7 90-6
22.9
90-6
29.6
90-7
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,873
PART 2 OF 2
LEGEND
LITHOLOGY -
SEDIMENTS -
ALDRIDGE FORMATION
1,1a · Quartzite, Silty quartzite
2,2a · Siltstones, Quartzitic siltstones
INTRUSIVES -
MOYIE INTRUSIVES
3 · Gabbro · Diorite
MINERALIZATION -
Q · Quartz veins 20m
q · Quartz · feldspar stringers
C · Carbonate veins
H · Specular hematite
M · Magnetite
Py · Abundant pyrite
ga · Galena
Cpy · Chalcopyrite
ALTERATION -
· Bleaching
· Intense silicification
· Chloritization
STRUCTURE -
· Shearing, fault zones
· Brecciation
· Bedding
GOLD GRADES -
· > 500 ppb Au
· 100 - 499 ppb Au
· 50 - 99 ppb Au
· < 50 ppb Au
· Grade / Interval in metres
SYMBOLS -
· Diamond Drill Hole collar
· Casing
· Geology
DRAGOON RESOURCES LTD.
DAVID - LEW
CROSS SECTION 2032N
DDH 90·6,7
DIRECTION of VIEWING 30°
FT STEELE MINING DIVISION
BRITISH COLUMBIA
BAPTY RESEARCH LIMITED
SCALE 1 : 100
N.T.S. 82F/4
DRAWN BY
DATE NOVEMBER, 1990
FIG. NO
19


2950 E
2960 E
2970 E
2980 E
2990 E
BL 3000 E
3010 E
3020 E
3030 E
3040 E
1900
1890
1880
1870
1860
1850
1840
1830
90-9 90-8
1a
1a
28.7
90-9
45.4
90-8
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,873
PART 2 OF 2
LEGEND
LITHOLOGY -
SEDIMENTS -
ALDRIDGE FORMATION
1, 1a - Quartzite, Silty quartzite
2, 2a - Siltstones, Quartzitic siltstones
INTRUSIVES -
MOYIE INTRUSIVES
3 - Gabbro - Diorite
MINERALIZATION -
C · Carbonate veins
H · Specular hematite
M · Magnetite
Py · Abundant pyrite
ga · Galena
cpy · Chalcopyrite
ALTERATION -
· Bleaching
· Intense silicification
· Chloritization
STRUCTURE -
· Shearing, fault zones
· Brecciation
· Bedding
GOLD GRADES -
· 100 - 499 ppb Au
SYMBOLS -
· Diamond Drill Hole collar
· Casing
· Geology
· Grade / Interval in metres
DRAGOON RESOURCES LTD.
DAVID - LEW
CROSS SECTION 2109N
DDH 90·8,9
DIRECTION of VIEWING 30°
FT. STEELE MINING DIVISION
BRITISH COLUMBIA
BAPTY RESEARCH LIMITED
SCALE 1 : 100
N.T.S. 82F/4
FIG. NO. 20
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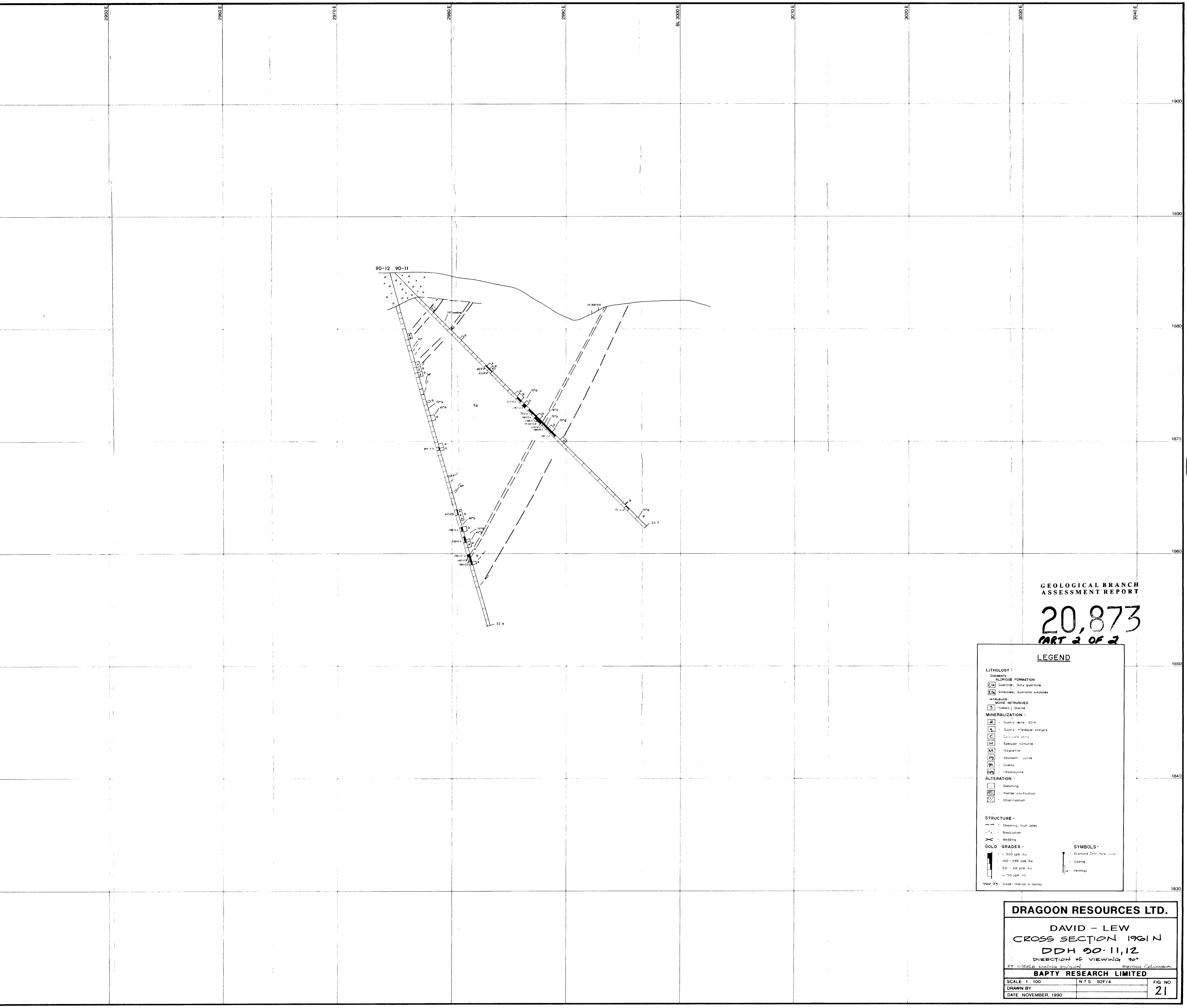
DATE NOVEMBER, 1990


2950 E
2960 E
2970 E
2980 E
2990 E
BL 3000 E
3010 E
3020 E
3030 E
3040 E
1900
1890
1880
1870
1860
1850
1840
1830
90-12
90-11
1a
31.7
32.6
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,873
PART 2 OF 2
LEGEND
LITHOLOGY -
SEDIMENTS -
ALDRIDGE FORMATION
1, 1a · Quartzite, Silty quartzite
2, 2a · Siltstones, Quartzitic siltstones
INTRUSIVES -
MOYIE INTRUSIVES
3 · Gabbro - Diorite
MINERALIZATION -
Q · Quartz veins 20m
q · Quartz ± feldspar stringers
C · Carbonate veins
H · Specular hematite
M · Magnetite
py · Abundant pyrite
ga · Galena
cpy · Chalcopyrite
ALTERATION -
· Bleaching
· Intense silicification
· Chloritization
STRUCTURE -
· Shearing, fault zones
· Brecciation
· Bedding
GOLD GRADES -
· > 500 ppb Au
· 100 - 499 ppb Au
· 50 - 99 ppb Au
· < 50 ppb Au
· Grade / Interval in metres
SYMBOLS -
· Diamond Drill Hole Collar
· Casing
· Geology
DRAGOON RESOURCES LTD.
DAVID - LEW
CROSS SECTION 1961 N
DDH 90-11,12
DIRECTION OF VIEWING 30°
FT. STEELE MINING DIVISION
BRITISH COLUMBIA
BAPTY RESEARCH LIMITED
SCALE 1 : 100
NTS 82F/4
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DATE NOVEMBER, 1990
FIG. NO.
21