

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
MINISTRY OF ENERGY AND MINES
GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR: 2001/2002

REPORT #: PAP 01-43

NAME: JOHN KERR

D. TECHNICAL REPORT



**BRITISH
COLUMBIA**

**Ministry of Energy and Mines
Energy and Minerals Division**

- One technical report to be completed for each project area.
- Refer to Program Regulations 15 to 17, page 6.

SUMMARY OF RESULTS

- This summary section must be filled out by all grantees, one for each project area

Information on this form is confidential for one year and is subject to the provisions of the Freedom of Information Act.

Name JOHN R. KERR Reference Number 01/02 P83

LOCATION/COMMODITIES

Project Area (as listed in Part A) TAN CLAIMS MINFILE No. if applicable _____

Location of Project Area NTS B2 M/02 Lat 51°10'N Long 118°45'W

Description of Location and Access 30 km. North of Malakwa, B.C. on divide between Shuswap Lake & Perry River. Road access good logging roads north of Malakwa, 35-50 km.

Prospecting Assistant(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)
Warner Gruenwald - BSc, P. Geol - 30 yrs experience (5 days)

Main Commodities Searched For Niobium, Tantalum, Rare Earths.

Known Mineral Occurrences in Project Area Run Niobium/Rare Earth showing @ Ratchford CK; GQ Gold occurrence 5 km south.

WORK PERFORMED

1. Conventional Prospecting (area) 15.59 km.
2. Geological Mapping (hectares/scale) 1 hectare (1:1000)
3. Geochemical (type and no. of samples) Soil-15; silt-14; rock-21
4. Geophysical (type and line km) panned conc - 9
5. Physical Work (type and amount) _____
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) Petrographic study

FEEDBACK: comments and suggestions for Prospector Assistance Program _____

D. TECHNICAL REPORT (continued)

REPORT ON RESULTS

- Those submitting a copy of an Assessment Report or a report of similar quality that covers all the key elements listed below are not required to fill out this section.
- Refer to Program Regulation 17D on page 6 for details before filling this section out (use extra pages if necessary)
- Supporting data must be submitted with the following **TECHNICAL REPORT** or any report accepted in lieu of.

Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.

Name JOHN KERR Reference Number 01/02 P83

1. LOCATION OF PROJECT AREA [Outline clearly on accompanying maps of appropriate scale:]

See attached
2.

2. PROGRAM OBJECTIVE [Include original exploration target.]

3. PROSPECTING RESULTS [Describe areas prospected and significant outcrops/float encountered. Mineralization must be described in terms of specific minerals and how they occur. These details must be shown on accompanying map(s) of appropriate scale; prospecting traverses should be clearly marked.]

D. TECHNICAL REPORT

- One technical report to be completed for each project area.
- Refer to Program Regulations 15 to 17, page 6.



BRITISH
COLUMBIA

Ministry of Energy and Mines
Energy and Minerals Division

SUMMARY OF RESULTS

- This summary section must be filled out by all grantees, one for each project area

Information on this form is confidential for one year and is subject to the provisions of the Freedom of Information Act.

Name JOHN R. KERR Reference Number 01/02P83

LOCATION/COMMODITIES

Project Area (as listed in Part A) MERRITT AREA. MINFILE No. if applicable _____

Location of Project Area NTS 92T/2, 7 & 8 Lat 50°15' N Long 120°30' W

Description of Location and Access Three located claim blocks, 20-30 km north of Merritt; prospecting areas to north & east of Merritt; access problematic along good logging & farm access roads.

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)

Walter Gruenwald - BSc, P. Geol. - 30 yrs experience (2 days)

Rob Montgomery - BSc - 13 years experience (3 days)

Main Commodities Searched For Copper, Zinc (Lead, Gold, Silver)

Known Mineral Occurrences in Project Area Numerous showings in area. Key find is Fox VMS Zn occurrence

WORK PERFORMED

1. Conventional Prospecting (area) 30 square kilometers
2. Geological Mapping (hectares/scale) 150 hectares
3. Geochemical (type and no. of samples) Soil - 232; silt - 15; rock - 15
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) _____
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) g

FEEDBACK: comments and suggestions for Prospector Assistance Program _____

Rec'd
10/31/01
JH.

Prospecting Report

on the

**MERRITT AREA, Nicola M.D. and
TAN CLAIMS, Kamloops M.D.
British Columbia**

Reference: 01/02, P83

with reference to

**Prospector's Assistance Program
Grantee: John R. Kerr**

Prepared by:

**John R. Kerr, Grantee
#1702 - 438 Seymour Street
Vancouver, B.C. V6B 6H4**

October 31, 2001

Index:

	Page No.
Location of Project Areas -----	1
Program Objectives -----	1
Prospecting Results -----	1
Geochemical Results -----	3
Geophysical Results -----	3
Other Surveys -----	3
Summary -----	4

List of Maps:

Figure 1 - Location Map

Merritt Area;

Figure 2 - Geology and Location Map, 1:500,000

Figure 3 - Nicola Project, Claim Location, 1:100,000

Figure Dart-1 - Geological and Outcrop Plan, Dart Claims, 1:10,000

Figure Dart-2 - Copper Content in Soil, Dart Claims, 1:5,000

Figure Dart-3 - Zinc Content in Soil, Dart Claims, 1:5,000

Figure Bruin-1 - Geology and geochemistry, Bruin Claims, 1:6700

Figure Quenville-1 - Geological Plan and Prospecting Traverses, 1:10,000

Figure Quenville-2 - Copper Content in Soil, Quenville Claims, 1:5,000

Tan Property:

Figure Tan-1 - Location Map, Tan Claims, 1:250,000

Figure Tan-2 - Sample Location Plan (2001), 1:50,000

Figure Tan-3 - Geological and Sample Plan, Main Carbonatite Showing,
Tan Claims, 1:000

Appendices:

Appendix A - Geochemical Data, Merritt Area

Appendix B - Geochemical Data, Tan Claims

Appendix C - Petrographic Report, Carbonatite, Tan Claims

PROGRAM PROPOSAL - PART B

Location of Proposed Project(s)

Indicate on this map (using an "X") the general location of each of the projects covered by this proposal.

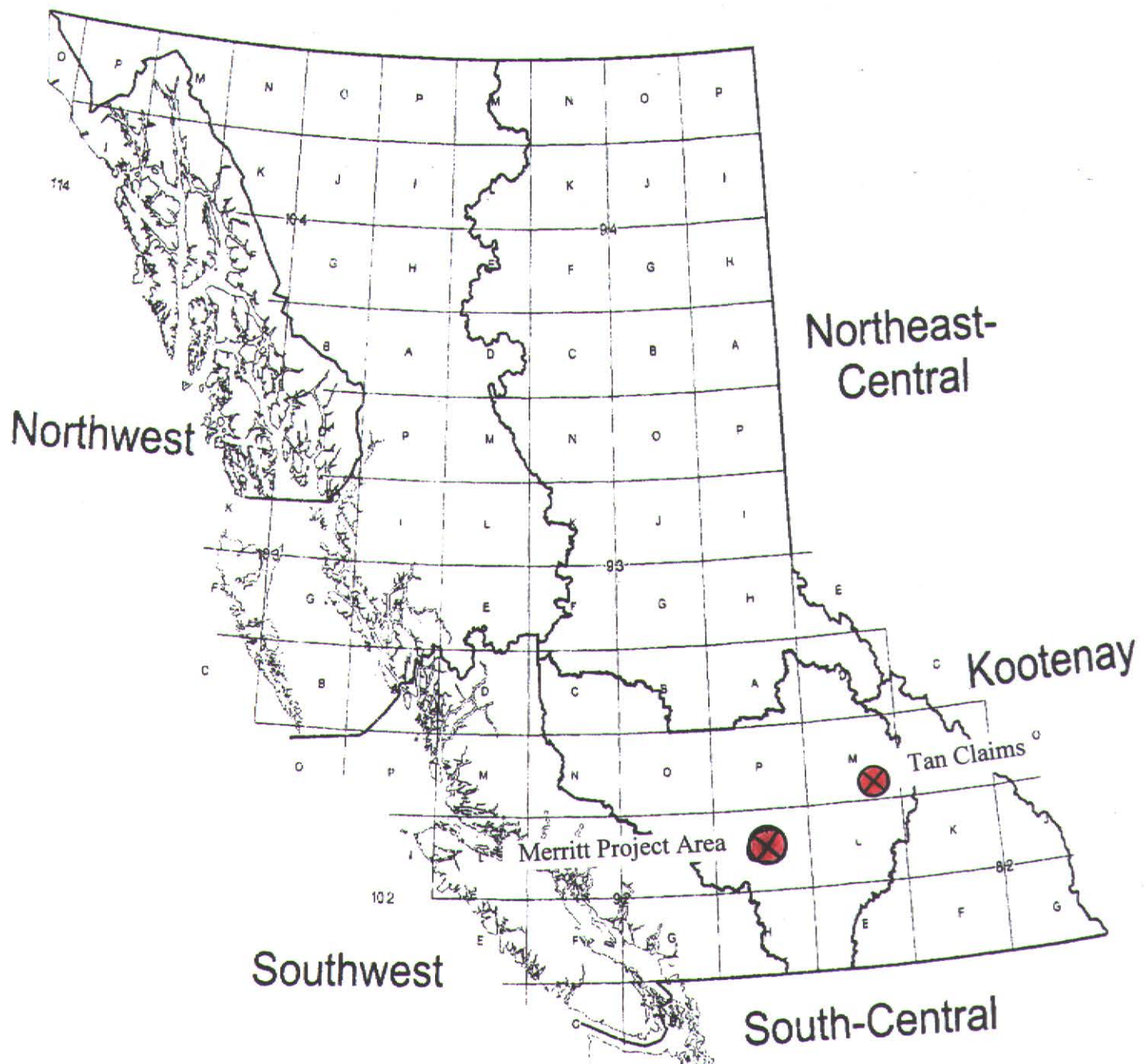


Figure 1

TECHNICAL REPORT on RESULTS

John R. Kerr

Reference Number: 01/02 - P83

1) Location of Project Areas: a) Merritt prospecting area is shown on accompanying maps and is a 2000 sq km area south of Kamloops. Included within area are three claim blocks, owned in part by the grantee, and located on accompanying map.

b) The Tan claims, a 70 unit claim block, located 28 - 32 km north of Malakwa, B.C., the location shown on attached map, also owned in part by the grantee.

2) Program Objective: a) The Merritt area program was primarily directed at prospecting and exploring the VMS potential in Nicola volcanic rocks. This program was the focus of the prospecting proposal, as presented in April, 2001. The program incorporated an assessment of three claim groups, and prospecting selected showings in the area.

b) The Tan claims program was to define and prospect carbonatite bodies within claims for tantalum, niobium and rare earth potential. This proposal was added as an amendment to the program in August, 2001.

The program was interfered by the fact that the grantee suffered a broken leg towards the end of the field season. This hindered completion of some follow-up sampling in the Merritt area. Further sampling on the Tan claims was completed by W. Gruenwald, P. Geol. and qualified prospector.

3) Prospecting Results: a) The Merritt area constituted the original proposal, and work was oriented at claim evaluation by geochemistry and geological mapping. Outside the claim area, selected showings from project files were to have been examined for their VMS potential

Grid work was successfully completed on all three properties, summarized elsewhere. Prospecting the claims discovered a new showing area on the Quenville property, with surface grab samples assaying .14% and .21% copper. The showings are malachite on fracture faces of altered Nicola volcanics. Evidence of VMS mineralization could only be from a remobilized source. Chert boulders located on the property indicate favourable lithologic units in the claim area, and further work is required to assess this potential. Prospecting completed on the Dart and Bruin claim areas did not reveal additional discoveries. The AC showing area on the Dart claim was indicated by old trenches and drill sites, however mineralization was not located. A 3 meter adit with a massive Pb/Zn/Cu sulphide shear zone is reported on the Bruin claim. This adit was not located, and no evidence of the adit is indicated by geochemistry. The adit is very likely located to the northeast of the Bruin claims, further upstream along Ray Creek.

Prospecting old showing areas successfully located within the subject area did not reveal VMS style of mineralization. Access was very problematical in the area, as good access road maps are unavailable. For this reason, new discoveries were not made. The other factor that influenced the work in the Merritt area was the apparent lack of interest in the Nicola VMS play. The anticipated work level in the area did not occur in 2000. An amendment to the program was filed in August to have work completed on the Tan claims.

An attempt was made to prospect four areas: i) In 1972/73, under my supervision, Cdn Johns-Manville completed detailed mapping, soil sampling and trenching on a strong geochemical anomaly (1150 ppmCu). The objective of the early 70s program was skarn or replacement style of mineralization in a small roof-pendant of Nicola volcanics. The setting for VMS mineralization has never been investigated. One day was spent attempting to relocate old trenches. The road access into this area is problematic as existing roads do not correspond to roads on maps. The positive anomalous silts in the area substantiate the original geochemistry, and additional prospecting and sampling is recommended. Location is shown on map, and results of collected silt samples M-01 to M-04 are shown on lab reports;

ii) In 1972, I had examined a copper showing on Greenstone Creek that I could recall as having VMS potential. An attempt to relocate this outcrop was unsuccessful, however a silt sample (G-01) collected in the area indicates 159ppmCu. Location shown on attached map;

iii) An old report on the Sunny Boy prospect on Quilchena Creek by Sherwin Kelly makes reference to possible VMS mineralization. Examination of these showing reveals all to be vein gold/copper occurrences and of no further interest. Three rock chip samples SR - 01 to 03 are identified on lab reports and location on attached map;

iv) Two old skarn showings were prospected in the Hamilton Creek area. Both revealed skarn mineralization only, with no evidence of VMS. Mineralization observed was not of interest. Results of three rock chip samples and one silt sample (H-01 to 03) are indicated on lab sheets and location shown on map. In addition, an attempt was made to examine the Thiel skarn showing, however suitable road access could not be found.

b) The Tan claim prospecting venture was very encouraging. The reported carbonatite, located in 2000, was mapped and sampled in detail. Road outcrop suggests a continuous strike length of 100 meters, with measured width of 5-7 meters, and a possible width that could exceed 30 meters. Nine samples collected from the zone indicate that economic mineral appears to be mainly columbite in contents ranging .06 to .53% Nb₂O₅ (average - .22%) across the 30 meter width. Anomalous contents of tantalum, cerium, lanthanum, and an assortment of other rare earth minerals are also indicated. Three additional outcrop and sub-outcrop areas of carbonatites were discovered. One may be a strike extension of the original location, which would mean an overall strike potential of some 500 meters. The other discoveries are parallel or sub-parallel zones. Petrographic analysis (report attached) assisted in the identifying of a carbonatite, and verified the presence of columbite, in contents of 1-2%.

4) **Geochemical Results:** a) Merritt area - 11 km of grid were established on the three claim blocks, soils collected from all cross-lines at 50 meter intervals. In total, 235 soil and silt samples were collected from these grids. Samples were analyzed for 35 elements by ICP methods, results attached. Copper and zinc values are plotted on attached maps. Contours indicate areas of geochemical interest. Both copper (to 189ppm) and zinc (to 312ppm) coincidental anomalies are interpreted on the Dart claims, however are located 400 - 600 meters to the east of the known AC showings.

Both metals indicate a north to northwesterly trending anomaly, and could be representing VMS style of mineralization. Anomalies are 800 - 1000 meters long and copper appears to be open to the south. Further detailed sampling in the area is required to detail this anomaly.

Grid geochemistry on the Bruin and Quenville properties revealed very little of interest. There was no correlation of geochemical anomalies associated with the new discoveries on the Quenville claims.

Silt samples were selectively collected in three areas of showings at the time of property examination. In total, six silt samples were collected; four from the Moore Creek area northwest of Nicola Lake; one from Greenstone Creek; and one from Hamilton Creek. Two of the samples from the Moore Creek area indicated 501 and 412 ppm Cu respectively, which certainly supports the early geochemistry reported in 1973. This is definitely of interest and will be the subject of future follow-up.

b) Tan Claims - in addition to the 21 rock chip samples collected from carbonatite showing areas, 15 soil, 14 silts and 10 panned concentrate samples were collected and analyzed for, tantalum, niobium, rare earth and twenty-five additional elements by neutron activation methods. Results are appended and most locations are indicated on attached maps. Of economic interest are stream and soil anomalies in excess of 7 ppm Ta and 50 ppm Nb. Background contents of niobium in the 15 soil samples collected appears to be in the range of 35-50ppm Nb. Values of 100 - 300ppm reported in soils immediately overlying the niobium bearing carbonatite indicate the value of continued soil sampling for further exploration programs. Of other interest are the gold anomalies of TSL 08 and 20 and the rare earth anomalies of TSL 13.

5) **Geophysical Results:** There were no geophysical survey methods attempted as part of the prospecting proposal.

6) **Other Surveys:** There were no other surveys, drilling or physical work completed as part of the prospecting proposal.

7) **Summary:** In summary, four areas of interest were derived from the 2001 prospecting venture that are worthy of future work:

- a) **Dart Claims:** Coincidental copper and zinc geochemical anomalies, suggestive of VMS style of mineralization were identified. These are located 400 - 600 meters east of known showing areas, and are considered new discoveries. Further detailed grid geochemistry and electromagnetic surveys are recommended prior to trenching or drilling.
- b) **Quenville Claims:** Malachite mineralization up to 0.21%Cu is identified on fracture faces of Nicola volcanics over an area of 100x50 meters. Style of mineralization is secondary replacement, however may have derived from nearby VMS source. Poor correlation to soil geochemistry.
- c) **Moore Creek area:** Anomalous silt samples up to 512ppmCu verified old 1973 geochemical results. The opportunity to follow up these values was not available in 2001. The geological setting of a Nicola volcanic roof-pendant offers VMS potential.
- d) **Tan Claims:** The carbonatite body, located in 2000, was confirmed to be carbonatite by petrography, and was confirmed to contain significant contents of niobium pentoxide up to 0.53% (avg - 0.22%), rare earth pentoxides up to 0.2% and anomalous content of tantalum. Detailed mapping indicates the body to have a minimum width of 5 meters, possibly in excess of 30 meters, and a continuous strike length of 100 meters. An additional carbonatite body, discovered to the south, indicates a potential strike length of 500 meters. At least one other parallel/subparallel body has been located to the east. Silt and panned concentrate geochemistry indicates the presence of tantalum, niobium and rare earth in these newly discovered bodies. The potential of large open-pit reserves of niobium, tantalum and rare earth exists on the Tan claims.

The objectives of the prospecting proposal, as presented in April, 2001, and amended in August, 2001, were met. Unfortunately the program came to rather an abrupt end due to an accident causing a broken leg to the Grantee. At the time of the accident, the Grantee had provided 18 days of prospecting and 3 days of travel to the project. In addition, qualified prospectors Warner Gruenwald (7 days) and Rob Montgomery (3 days) spent an additional 10 days of prospecting on the project. Therefore, 28 days of prospecting were completed in 2001.

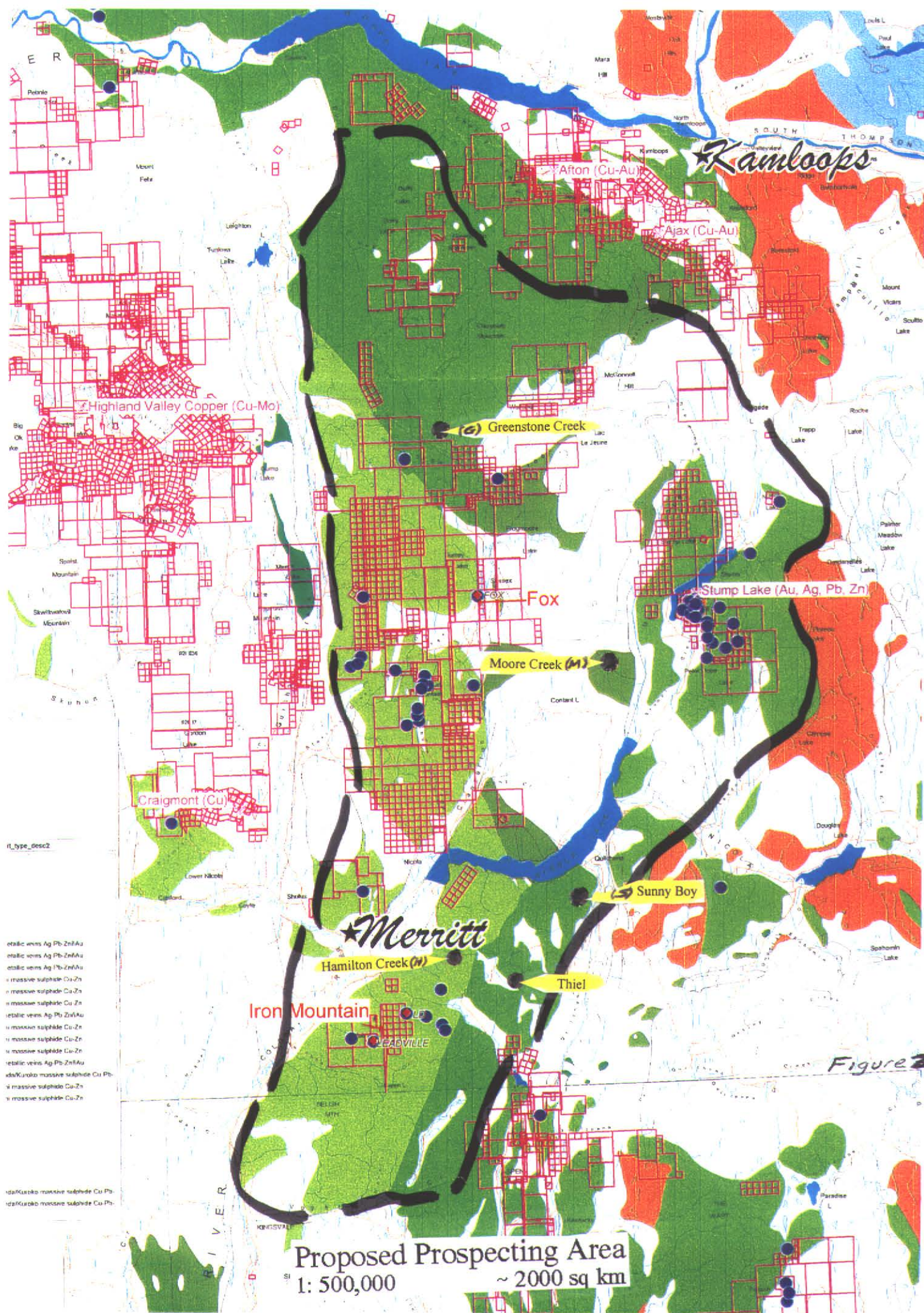
Signature of Grantee:



Date:

Oct 31, 2001

Maps, Merritt Area



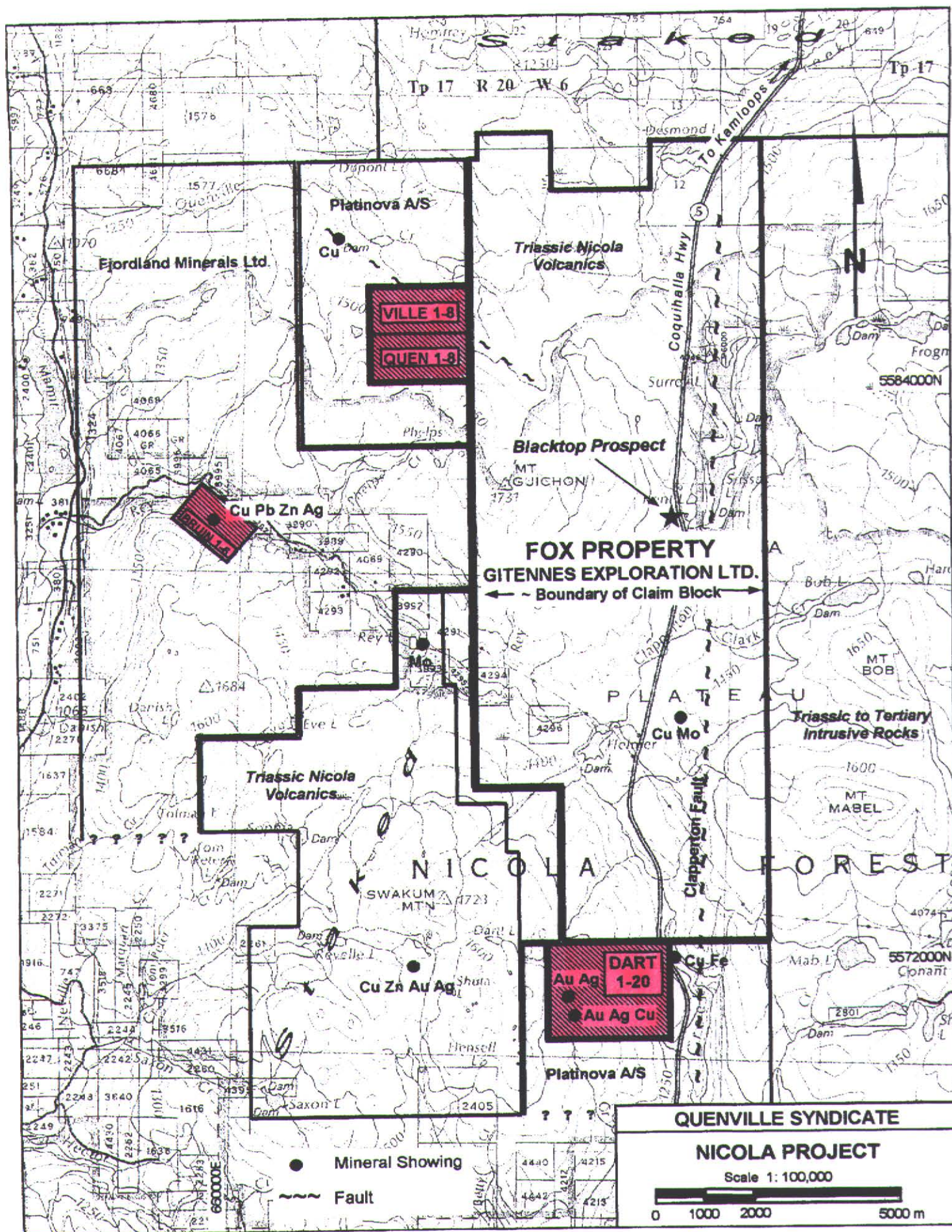
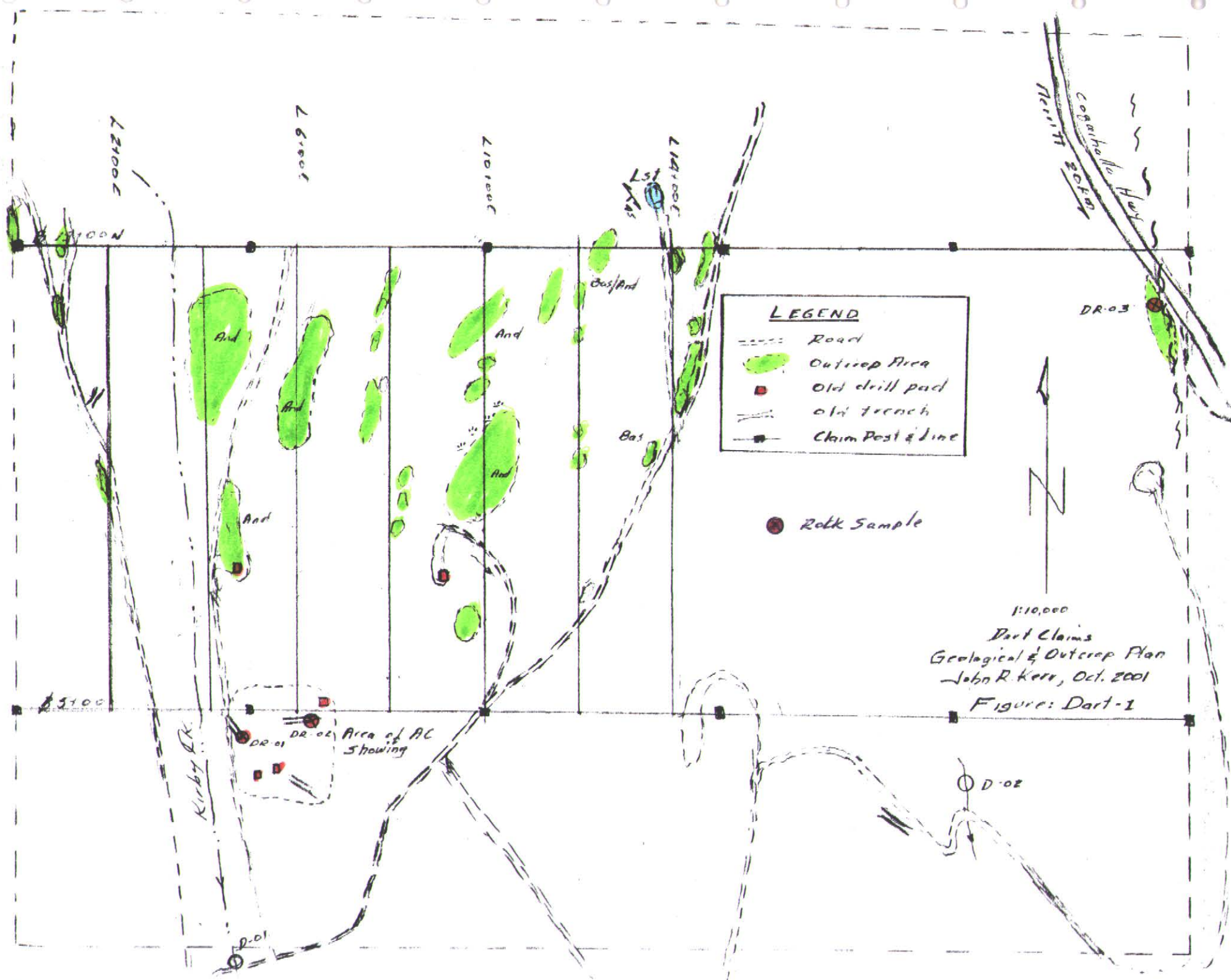
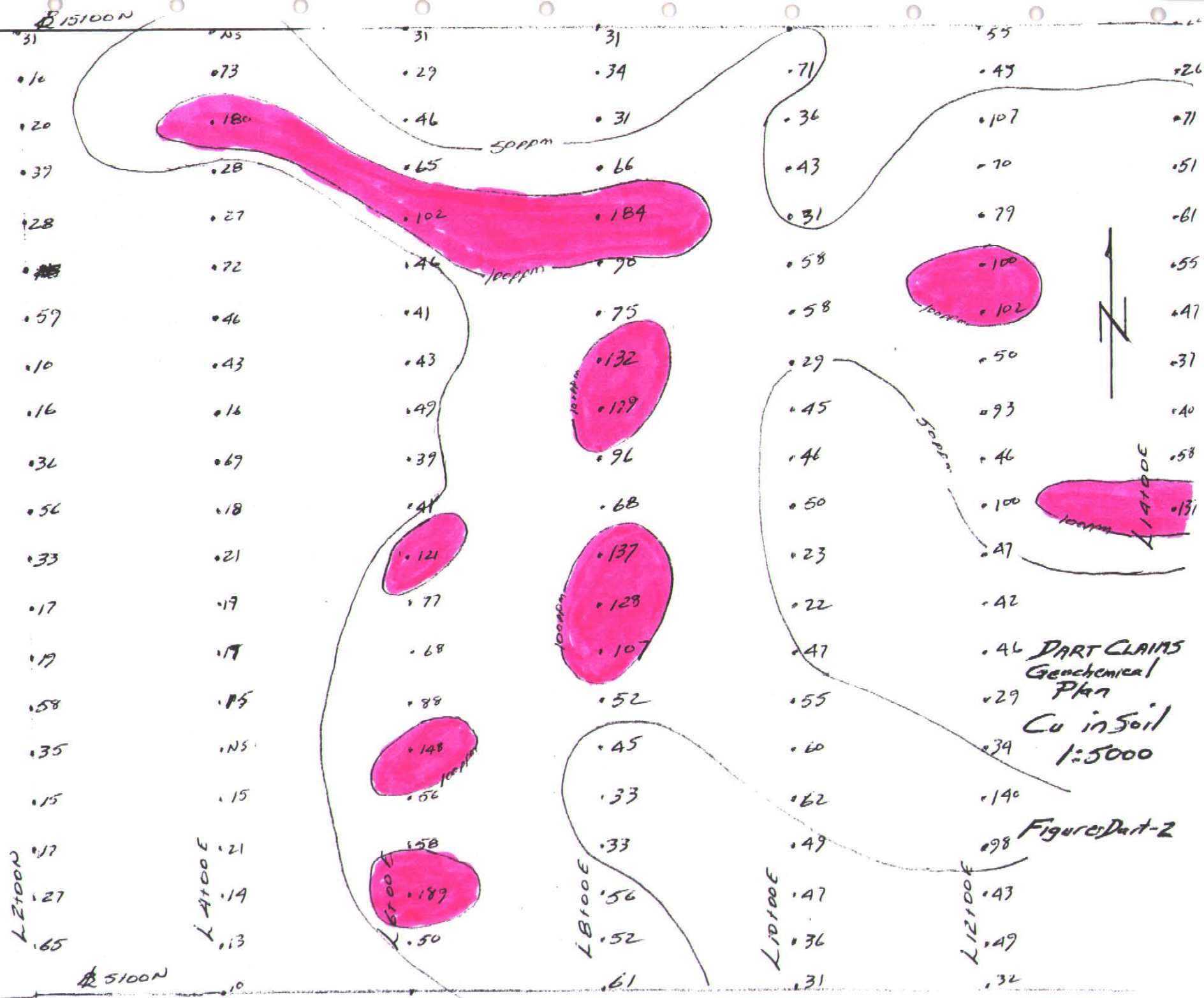
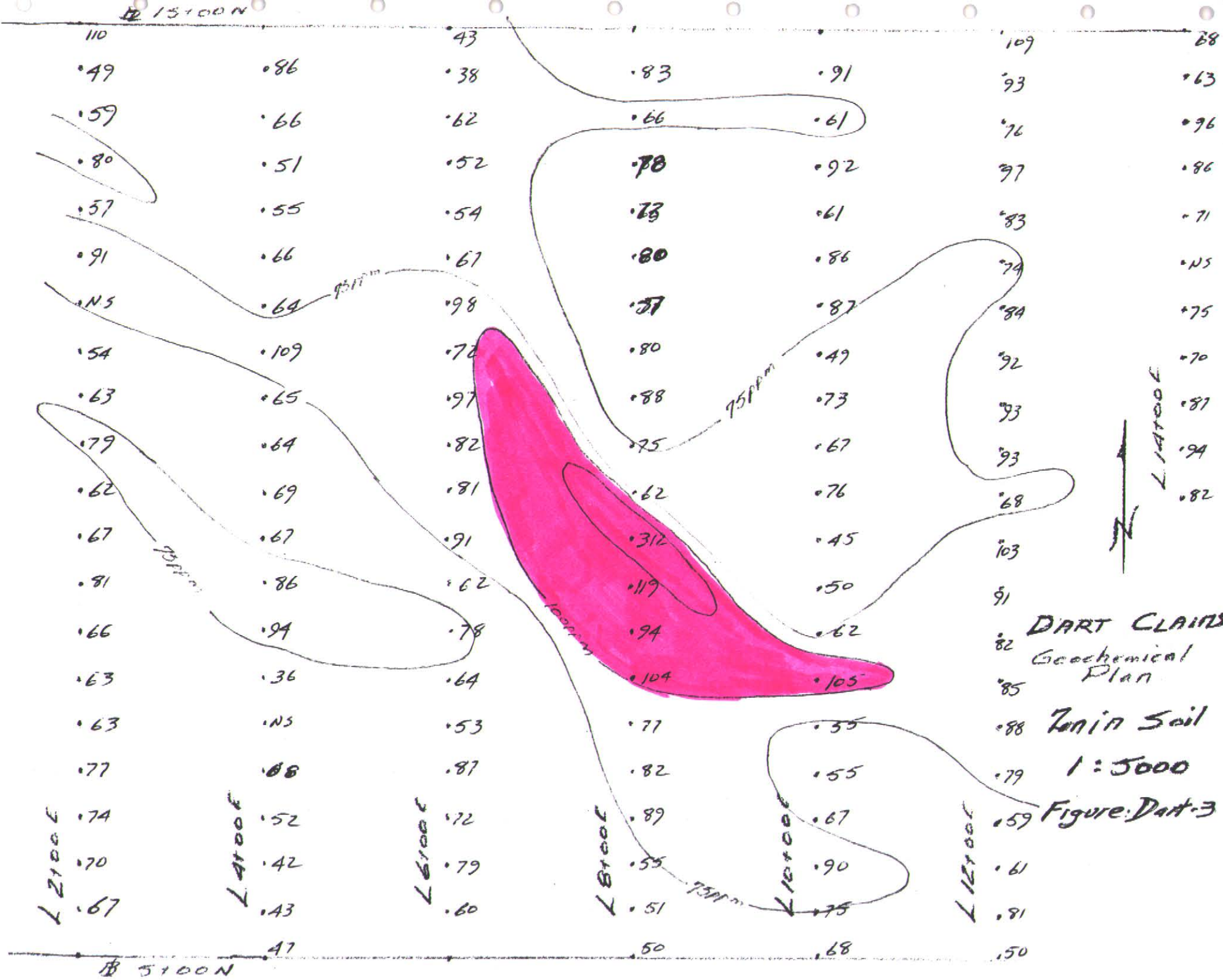


Figure 3





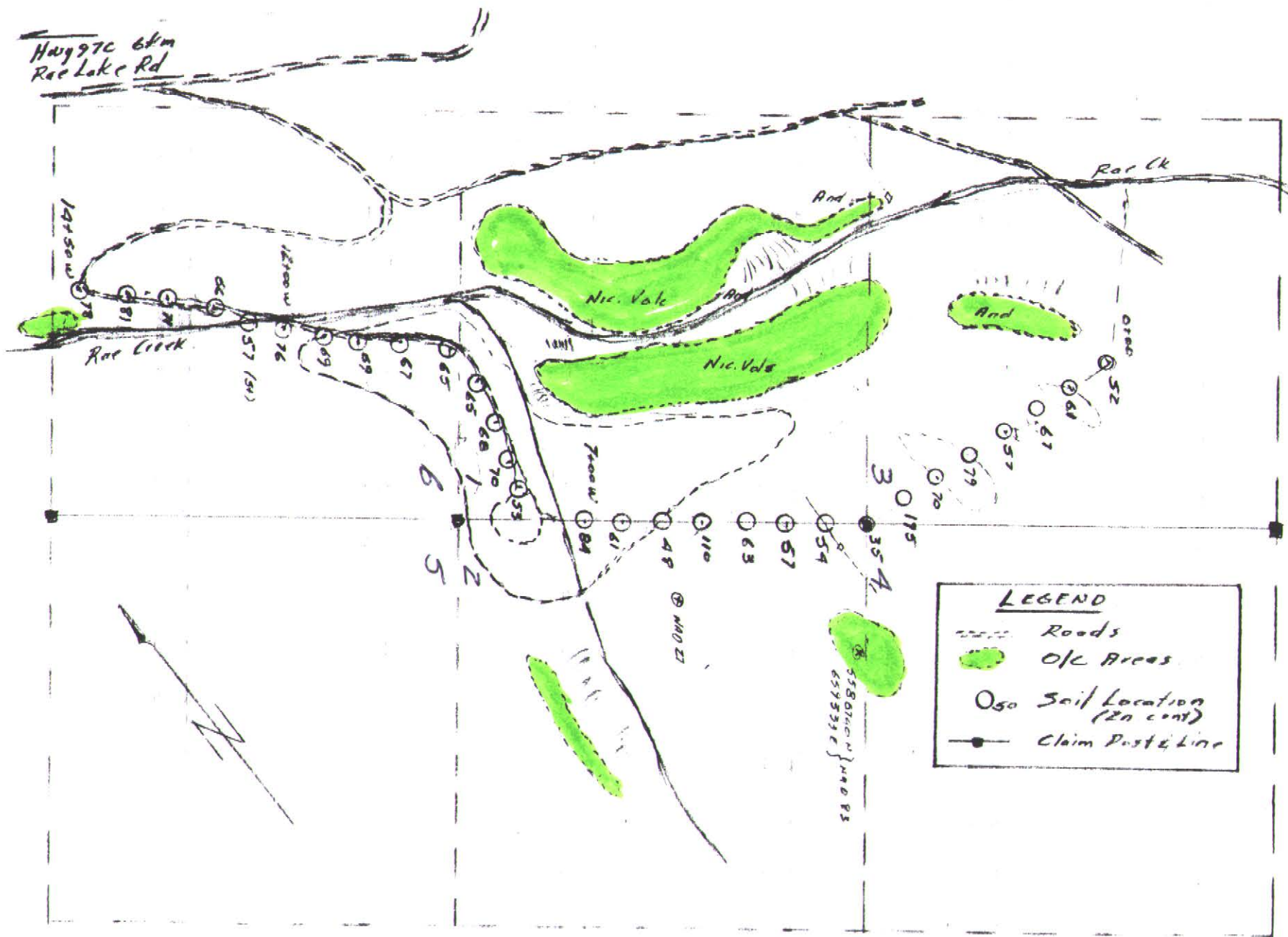


DART CLAIMS
Geochemical
Plan

Topin Soil

1:5000

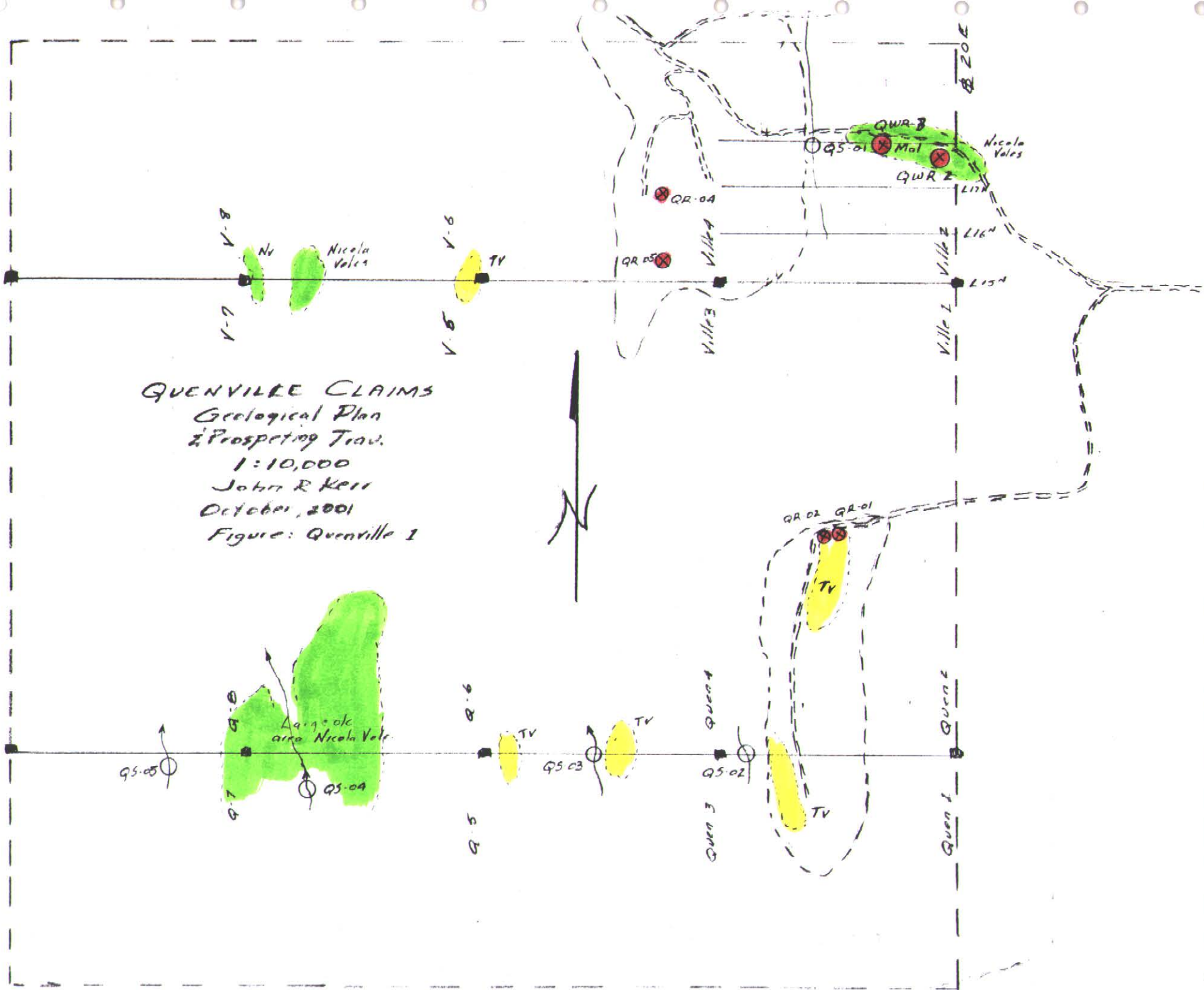
Figure Dart-3

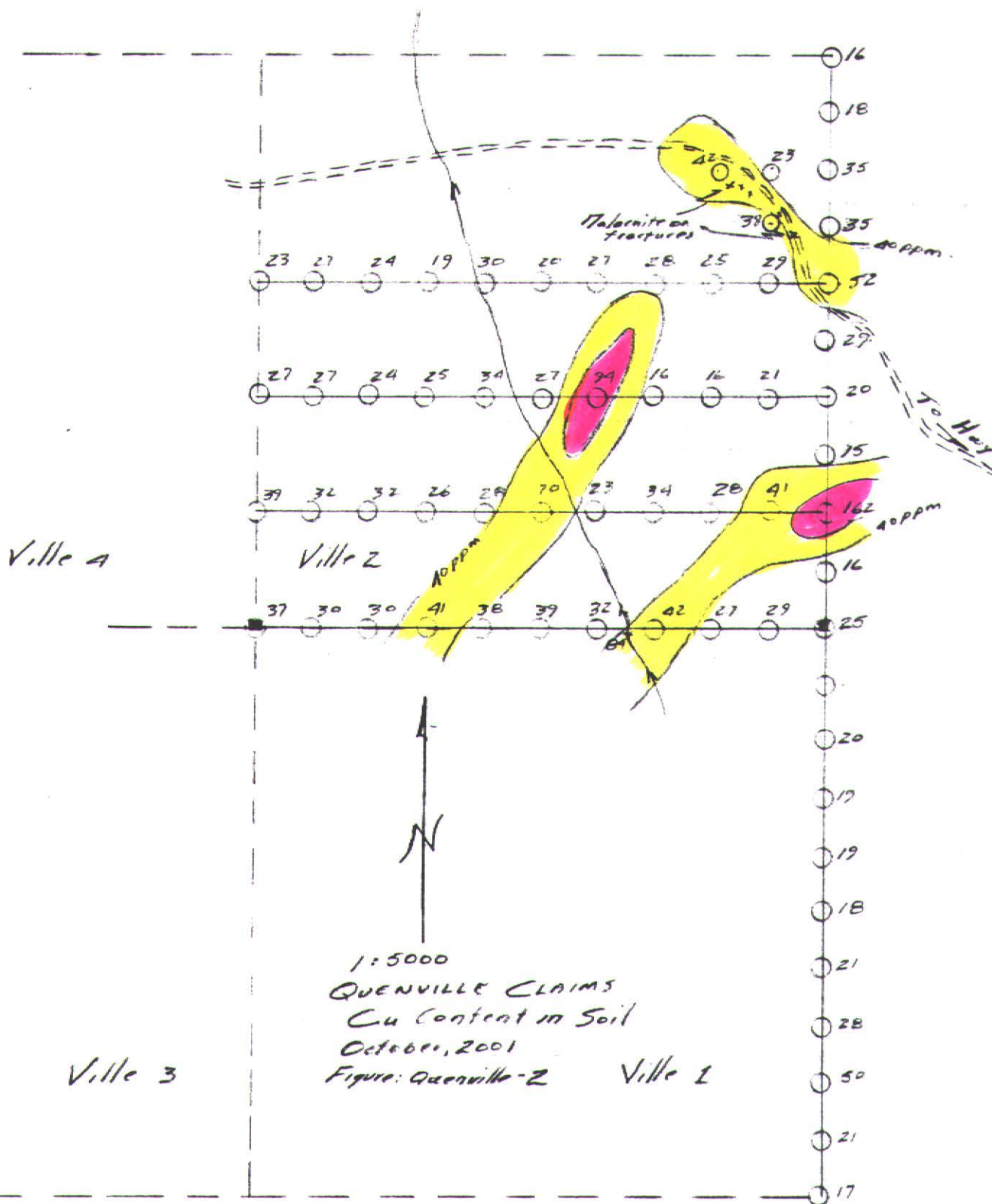


BRUIN CLAIMS
Geology & Geochemistry
1:6700
Figure: Bruin-1

Zinc in Soil

QUENVILLE CLAIMS
 Geological Plan
 & Prospecting Trac.
 1:10,000
 John R Kerr
 October, 2001
 Figure: Quenville 1

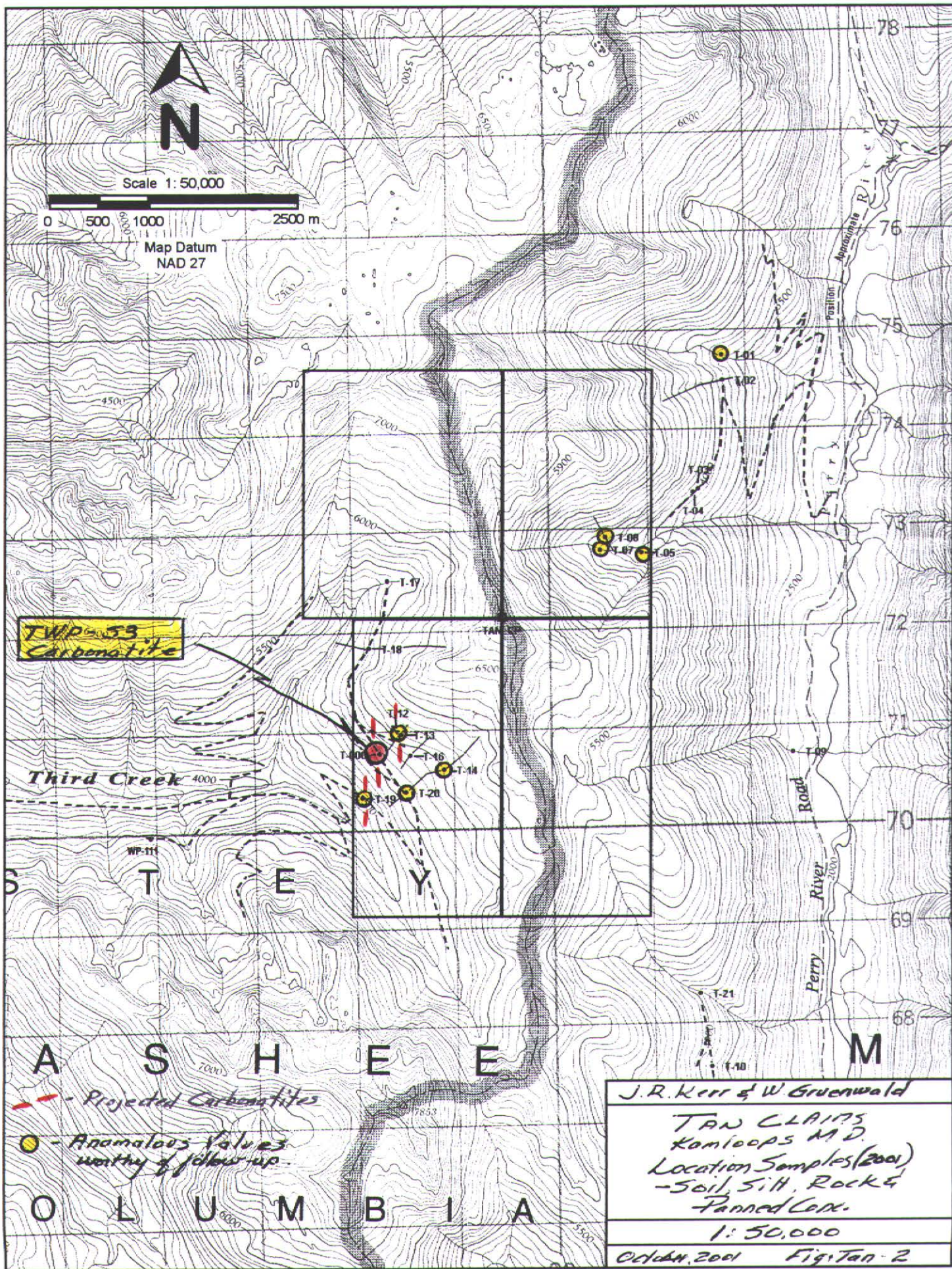




1:5000
 QUENVILLE CLAIMS
 Cu Content in Soil
 October, 2001

Figure: Quenville-2 Ville 1

Maps, Tan Claims

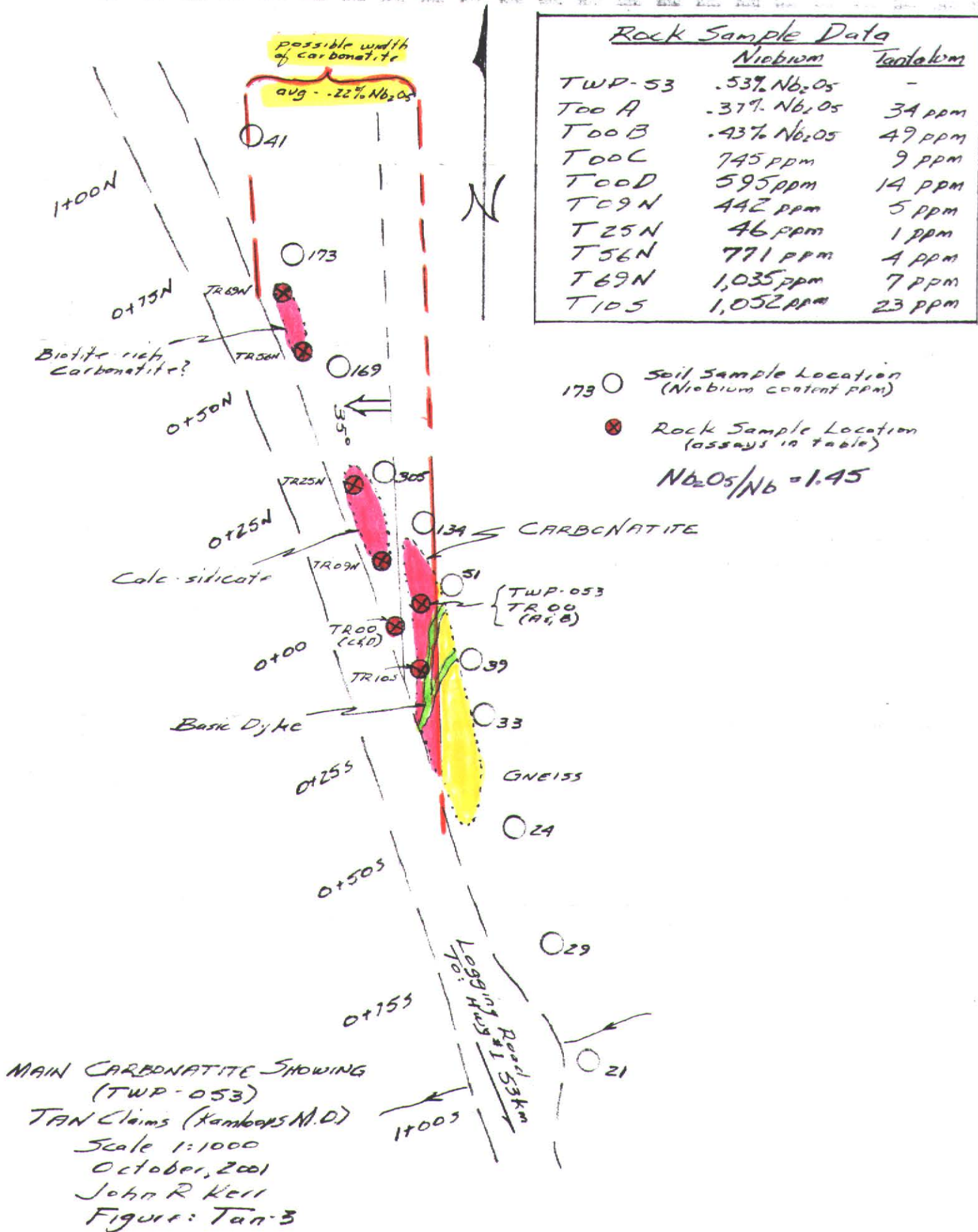


J.R. Kerr & W. Gruenwald

TAN CLAIMS
Kamloops M.D.
Location Samples (2001)
- Soil, Silt, Rock &
- Fanned Cox.

1: 50,000

October, 2001 Fig. Tan-2



Appendix A - Geochemical Data, Merritt Area



BONDAR CLEGG



Geochemical Lab Report

REPORT: V01-01106.0 (COMPLETE)

REFERENCE:

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

SUBMITTED BY: J.R. KERR

PROJECT: MERRITT

DATE RECEIVED: 20-JUN-01 DATE PRINTED: 25-JUN-01

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	
010622	1 Ag	Ag - IC01	182	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	2 Cu	Cu - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	3 Pb	Pb - IC01	182	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	4 Zn	Zn - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	5 Mo	Mo - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	6 Ni	Ni - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	7 Co	Co - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	8 Cd	Cd - IC01	182	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	9 Bi	Bi - IC01	182	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	10 As	As - IC01	182	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	11 Sb	Sb - IC01	182	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	12 Fe	Fe - IC01	182	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	13 Mn	Mn - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	14 Te	Te - IC01	182	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	15 Ba	Ba - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	16 Cr	Cr - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	17 V	V - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	18 Sn	Sn - IC01	182	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	19 W	W - IC01	182	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	20 La	La - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	21 Al	Al - IC01	182	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	22 Mg	Mg - IC01	182	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	23 Ca	Ca - IC01	182	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	24 Na	Na - IC01	182	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	25 K	K - IC01	182	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	26 Sr	Sr - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	27 Y	Y - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	28 Ga	Ga - IC01	182	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	29 Li	Li - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	30 Nb	Nb - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	31 Sc	Sc - IC01	182	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	32 Ta	Ta - IC01	182	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	33 Ti	Ti - IC01	182	0.010 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	34 Zr	Zr - IC01	182	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010622	35 S	S - IC01	182	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	178	1 -80	182	DRY, SIEVE -80	182
T STREAM SED, SILT	4				

REPORT COPIES TO: MR. JOHN KERR

INVOICE TO: MR. JOHN KERR

 This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01106.0 (COMPLETE)

DATE RECEIVED: 20-JUN-01

DATE PRINTED: 25-JUN-01

PROJECT: MERRITT

PAGE 1 OF 10

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
B 0 + 00		<.2	30	3	52	<1	14	19	<.2	<5	<5	<5	4.21	312	<10	129	34	112	<20	<20	7	3.82	0.65	0.82	0.02	0.12	47	8	9	17	3	10	<10	.180	18	0.02
B 0 + 50 W		<.2	8	4	61	<1	7	13	<.2	<5	<5	<5	2.83	827	<10	150	15	66	<20	<20	4	3.24	0.26	0.48	0.03	0.09	48	3	8	15	3	<5	<10	.144	8	0.02
B 1 + 00 W		<.2	54	5	67	<1	17	15	0.3	<5	<5	<5	3.10	393	<10	125	22	66	<20	<20	11	4.25	0.58	1.00	0.05	0.09	53	17	6	31	3	8	<10	.177	39	0.03
B 1 + 50 W		<.2	8	3	57	<1	7	12	0.9	<5	<5	<5	2.43	541	<10	81	11	51	<20	<20	3	2.56	0.24	0.33	0.03	0.07	19	2	8	16	3	<5	<10	.148	12	0.02
B 2 + 00 W		<.2	12	<2	79	<1	5	8	0.5	<5	<5	<5	1.75	188	<10	82	10	32	<20	<20	3	2.59	0.16	0.69	0.04	0.06	38	2	6	19	2	<5	<10	.098	14	0.01
B 2 + 50 W		<.2	36	3	70	<1	9	13	<.2	<5	<5	<5	2.95	289	<10	168	15	65	<20	<20	8	5.04	0.40	0.74	0.05	0.11	219	10	10	23	4	6	<10	.142	31	0.02
B 3 + 00 W		0.2	10	3	175	<1	7	13	0.8	<5	<5	<5	2.78	1637	<10	169	15	56	<20	<20	3	3.04	0.26	0.64	0.02	0.09	32	3	8	17	4	<5	<10	.112	9	0.02
B 3 + 50 W		<.2	20	<2	35	<1	6	13	0.3	<5	<5	<5	3.40	339	<10	67	21	84	<20	<20	5	2.33	0.42	5.28	0.03	0.10	69	8	6	15	2	7	<10	.127	12	0.06
B 4 + 00 W		<.2	9	<2	54	<1	5	13	0.2	<5	<5	<5	3.09	292	<10	103	18	78	<20	<20	3	2.19	0.36	0.51	0.02	0.13	27	3	5	11	3	<5	<10	.142	8	0.01
B 4 + 50 W		<.2	15	3	57	<1	6	14	0.2	<5	<5	<5	3.40	594	<10	107	17	75	<20	<20	6	3.02	0.37	0.89	0.03	0.13	34	7	8	17	3	7	<10	.137	16	0.02
B 5 + 00 W		<.2	10	<2	63	<1	6	13	<.2	<5	<5	<5	3.24	288	<10	118	20	85	<20	<20	3	2.60	0.40	0.59	0.03	0.08	41	3	7	13	2	6	<10	.147	7	0.01
B 5 + 50 W		<.2	12	<2	110	<1	6	12	<.2	<5	<5	<5	3.10	822	<10	140	18	75	<20	<20	3	2.51	0.35	0.35	0.02	0.12	24	2	7	15	2	<5	<10	.125	7	<.01
B 6 + 00 W		<.2	7	<2	48	<1	6	14	<.2	<5	<5	<5	3.13	348	<10	70	27	88	<20	<20	3	1.95	0.38	0.64	0.02	0.13	37	3	5	9	3	5	<10	.190	10	0.01
B 6 + 50 W		<.2	60	<2	61	<1	25	24	0.3	<5	<5	<5	5.31	705	<10	121	54	143	<20	<20	10	3.46	1.20	1.06	0.03	0.26	67	18	7	18	2	14	<10	.205	13	0.02
B 7 + 00 W		<.2	26	<2	84	<1	14	19	0.3	<5	<5	<5	4.27	915	<10	120	36	109	<20	<20	5	2.85	0.63	0.97	0.03	0.20	55	5	7	15	3	9	<10	.177	9	0.02
B 8 + 00 W		<.2	31	<2	53	<1	15	21	0.2	<5	<5	<5	4.62	824	<10	89	39	137	<20	<20	7	2.15	1.04	1.32	0.04	0.08	77	12	4	13	3	9	<10	.203	14	0.02
B 8 + 50 W		<.2	63	<2	70	<1	24	26	0.3	<5	<5	<5	4.84	1070	<10	129	53	138	<20	<20	7	2.72	1.65	4.54	0.05	0.18	121	11	5	16	2	11	<10	.192	12	0.04
B 9 + 00 W		<.2	66	<2	68	<1	23	28	0.3	<5	<5	<5	5.19	1290	<10	107	49	139	<20	<20	7	2.92	1.88	3.81	0.07	0.16	103	12	5	17	1	12	<10	.195	13	0.07
B 9 + 50 W		<.2	65	<2	65	<1	23	26	0.3	<5	<5	<5	5.00	1091	<10	107	49	136	<20	<20	6	2.82	1.82	4.31	0.05	0.15	111	11	5	17	1	11	<10	.186	13	0.05
B 10 + 00 W		<.2	71	<2	65	<1	24	26	0.3	<5	<5	<5	5.13	896	<10	128	52	143	<20	<20	8	3.10	1.52	1.97	0.04	0.17	79	14	5	17	2	13	<10	.194	13	0.03
B 10 + 50 W		<.2	69	<2	67	<1	25	27	0.3	<5	<5	<5	5.16	994	<10	140	53	142	<20	<20	8	2.97	1.59	2.32	0.04	0.20	89	13	6	17	2	13	<10	.200	12	0.03
B 11 + 00 W		<.2	74	<2	69	<1	25	27	0.2	<5	<5	<5	5.06	1059	<10	148	55	145	<20	<20	8	2.90	1.83	3.32	0.05	0.19	105	12	5	17	1	12	<10	.203	12	0.03
B 11 + 50 W		<.2	72	<2	69	<1	26	27	0.8	<5	<5	<5	5.03	1082	<10	132	54	146	<20	<20	7	2.84	1.63	3.05	0.04	0.19	95	11	6	16	2	12	<10	.195	11	0.03
B 12 + 00 W		<.2	62	<2	76	<1	18	23	0.4	<5	<5	<5	5.24	881	<10	169	41	134	<20	<20	9	3.21	1.03	1.28	0.03	0.19	69	16	7	18	3	13	<10	.179	11	0.02
B 13 + 00 W		<.2	43	<2	56	<1	14	21	0.4	<5	<5	<5	4.32	935	<10	100	38	129	<20	<20	6	2.18	1.20	4.93	0.06	0.12	143	10	5	12	1	9	<10	.202	11	0.05
B 13 + 50 W		<.2	64	<2	71	<1	18	24	0.3	<5	<5	<5	5.29	930	<10	143	39	130	<20	<20	9	3.38	1.24	1.40	0.03	0.47	68	18	6	18	3	14	<10	.192	14	0.03
B 14 + 00 W		<.2	54	<2	81	<1	16	22	0.4	<5	<5	<5	4.44	997	<10	130	34	112	<20	<20	6	2.54	1.36	2.78	0.04	0.27	106	11	4	16	3	10	<10	.159	10	0.06
B 14 + 50 W		<.2	63	<2	78	<1	22	25	0.4	<5	<5	<5	4.99	1179	<10	148	45	132	<20	<20	7	2.83	1.46	1.63	0.03	0.32	72	12	5	17	3	12	<10	.176	11	0.04
D2E 5 + 50 N		0.2	65	6	67	<1	16	14	0.2	<5	<5	<5	3.54	694	<10	252	38	81	<20	<20	12	2.44	0.71	0.75	0.02	0.14	61	15	5	9	3	10	<10	.091	5	0.03
D2E 6 + 00 N		<.2	27	6	70	<1	9	12	0.2	<5	<5	<5	2.70	425	<10	201	27	64	<20	<20	8	1.77	0.35	0.51	0.02	0.11	39	6	5	8	3	<5	<10	.080	2	0.02



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01106.0 (COMPLETE)

DATE RECEIVED: 20-JUN-01

DATE PRINTED: 25-JUN-01

PROJECT: MERRITT
PAGE 2 OF 10

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
D2E 6 + 50 N		0.2	17	6	74	<1	10	13	<2	<5	<5	<5	3.05	368	<10	146	31	74	<20	<20	5	1.81	0.38	0.44	0.02	0.09	31	3	5	9	3	<5	<10	.091	3	0.01
D2E 7 + 00 N		<2	15	5	77	<1	8	13	<2	<5	<5	<5	2.88	559	<10	146	25	71	<20	<20	5	1.76	0.33	0.38	0.02	0.09	28	3	5	9	3	<5	<10	.097	3	0.01
D2E 7 + 50 N		0.6	35	6	63	<1	13	17	0.4	<5	<5	<5	3.56	740	<10	314	34	84	<20	<20	9	2.69	0.54	0.71	0.03	0.11	49	7	6	14	3	7	<10	.109	7	0.02
D2E 8 + 00 N		0.2	58	4	63	<1	12	15	0.4	<5	<5	<5	3.42	675	<10	216	33	87	<20	<20	9	2.58	0.55	1.02	0.02	0.10	64	9	6	11	3	6	<10	.124	5	0.03
D2E 8 + 50 N		<2	19	4	66	<1	11	14	0.2	<5	<5	<5	3.29	449	<10	122	35	83	<20	<20	5	1.84	0.44	0.49	0.02	0.08	30	3	5	9	3	<5	<10	.108	3	0.01
D2E 9 + 00 N		<2	17	<2	81	<1	9	14	<2	<5	<5	<5	3.21	633	<10	128	30	75	<20	<20	4	1.74	0.42	0.40	0.02	0.09	29	2	5	8	3	<5	<10	.087	2	0.01
D2E 9 + 50 N		<2	33	<2	67	<1	20	18	<2	<5	<5	<5	3.68	616	<10	163	58	89	<20	<20	6	2.37	0.80	0.44	0.02	0.09	31	4	4	14	3	5	<10	.107	3	0.01
D2E 10 + 00 N		<2	56	6	62	<1	22	17	0.2	<5	<5	<5	3.63	510	<10	168	61	91	<20	<20	10	2.81	0.80	0.76	0.03	0.08	46	10	5	16	4	7	<10	.137	8	0.02
D2E 10 + 50 N		0.3	36	4	79	<1	30	20	<2	<5	8	<5	3.66	452	<10	136	87	92	<20	<20	5	2.65	0.86	0.43	0.02	0.07	28	3	5	16	3	7	<10	.120	4	0.02
D2E 11 + 00 N		<2	16	3	63	<1	15	14	0.5	<5	<5	<5	2.96	510	<10	129	42	73	<20	<20	5	2.29	0.43	0.37	0.02	0.07	21	2	6	13	4	<5	<10	.115	5	0.02
D2E 11 + 50 N		0.2	16	5	54	<1	10	13	0.3	<5	<5	<5	3.12	381	<10	105	26	75	<20	<20	5	1.64	0.29	0.47	0.02	0.08	27	3	6	7	3	<5	<10	.095	3	0.01
D2E 12 + 50 N		1.6	59	10	91	<1	78	39	<2	<5	34	8	6.32	1274	<10	248	129	125	<20	<20	5	1.45	0.25	0.48	0.01	0.12	43	9	9	5	4	19	<10	.016	3	0.02
D2E 13 + 00 N		<2	28	3	57	<1	12	14	<2	<5	<5	<5	3.52	370	<10	137	37	88	<20	<20	6	1.79	0.44	0.47	0.02	0.07	28	3	6	8	3	<5	<10	.105	4	<0.01
D2E 13 + 50 N		<2	39	8	80	<1	12	14	0.3	<5	<5	<5	3.55	266	<10	103	30	86	<20	<20	6	2.20	0.48	0.31	0.02	0.07	27	4	6	11	4	<5	<10	.103	3	0.02
D2E 14 + 00 N		<2	20	10	59	<1	9	13	<2	<5	<5	<5	2.97	303	<10	99	26	74	<20	<20	5	2.03	0.35	0.41	0.02	0.06	26	3	7	9	3	<5	<10	.118	4	0.01
D2E 14 + 50 N		<2	16	6	49	<1	10	13	0.2	<5	<5	<5	3.09	358	<10	94	31	82	<20	<20	6	1.92	0.40	0.46	0.02	0.06	29	3	5	8	3	<5	<10	.125	3	0.01
D2E 15 + 00 N		0.2	31	16	110	<1	6	14	0.3	<5	<5	<5	3.11	705	<10	106	17	66	<20	<20	5	2.46	0.28	0.26	0.02	0.06	19	3	9	10	3	<5	<10	.105	4	0.02
D4+50E 5 + 00 N		<2	10	3	47	<1	9	12	0.2	<5	<5	<5	2.94	222	<10	91	31	80	<20	<20	5	1.67	0.39	0.51	0.02	0.07	37	2	5	8	3	<5	<10	.127	3	0.01
D4+50E 5 + 50 N		<2	13	2	43	<1	8	11	<2	<5	<5	<5	2.64	332	<10	90	28	72	<20	<20	6	1.59	0.35	0.51	0.02	0.08	34	3	4	7	3	<5	<10	.126	2	0.01
D4+50E 6 + 00 N		<2	14	2	42	<1	8	11	<2	<5	<5	<5	2.75	314	<10	99	30	74	<20	<20	7	1.64	0.40	0.53	0.02	0.10	35	4	4	6	3	<5	<10	.130	3	0.01
D4+50E 6 + 50 N		<2	21	3	52	<1	10	12	<2	<5	<5	<5	2.91	474	<10	111	32	77	<20	<20	8	1.74	0.44	0.52	0.02	0.09	35	5	4	8	3	<5	<10	.131	3	0.01
D4+50E 7 + 00 N		<2	15	4	68	<1	10	13	<2	<5	<5	<5	2.87	863	<10	145	30	75	<20	<20	6	1.88	0.40	0.53	0.02	0.10	33	3	5	8	3	<5	<10	.123	2	0.01
D4E 8 + 00 N		<2	15	4	36	<1	11	13	<2	<5	<5	<5	3.06	410	<10	96	33	82	<20	<20	6	1.43	0.42	0.57	0.02	0.12	37	3	4	6	3	<5	<10	.138	3	0.01
D4E 8 + 50 N		<2	17	4	94	<1	12	12	0.2	<5	<5	<5	2.86	729	<10	156	29	67	<20	<20	6	2.08	0.41	0.56	0.02	0.13	33	4	5	8	3	<5	<10	.108	2	0.02
D4E 9 + 00 N		<2	21	4	86	<1	13	13	<2	<5	<5	<5	2.99	691	<10	133	30	72	<20	<20	7	2.26	0.46	0.53	0.02	0.11	32	4	5	10	3	<5	<10	.122	3	0.02
D4E 9 + 50 N		<2	19	3	67	<1	12	13	<2	<5	<5	<5	3.00	629	<10	117	31	75	<20	<20	6	2.20	0.44	0.51	0.02	0.10	33	4	6	10	3	<5	<10	.126	3	0.01
D4E 10 + 00 N		<2	18	5	69	<1	13	14	0.2	<5	<5	<5	3.17	607	<10	128	31	78	<20	<20	6	2.35	0.46	0.54	0.02	0.09	34	3	6	10	3	<5	<10	.131	3	0.01
D4E 10 + 50 N		<2	69	6	64	<1	20	19	0.3	<5	<5	<5	3.90	991	<10	160	48	98	<20	<20	10	2.59	0.76	1.20	0.02	0.15	71	9	5	10	4	9	<10	.151	8	0.04
D4E 11 + 00 N		<2	16	4	65	<1	12	13	0.9	<5	<5	<5	2.89	602	<10	118	31	76	<20	<20	5	1.99	0.39	0.59	0.02	0.08	36	3	6	8	3	<5	<10	.132	4	0.01
D4E 11 + 50 N		<2	43	6	109	<1	17	18	0.6	<5	<5	<5	3.73	749	<10	118	43	96	<20	<20	8	2.46	0.65	0.76	0.02	0.18	47	6	5	10	3	6	<10	.160	4	0.02



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01106.0 (COMPLETE)

PROJECT: MERRITT

DATE RECEIVED: 20-JUN-01

DATE PRINTED: 25-JUN-01

PAGE 3 OF 10

SAMPLE NUMBER	ELEMENT UNITS	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT	
D4E 12 + 00 N		<.2	46	4	64	<1	19	18	0.2	<5	<5	<5	3.59	811	<10	190	43	87	<20	<20	5	3.03	0.62	0.59	0.02	0.16	36	4	7	16	4	6	<10	.140	4	0.02
D4E 12 + 50 N		<.2	72	5	66	<1	21	20	0.4	<5	<5	<5	4.20	1043	<10	156	54	110	<20	<20	11	3.13	0.74	0.78	0.02	0.22	48	11	7	13	4	9	<10	.180	8	0.03
D4E 13 + 00 N		<.2	27	5	55	<1	15	15	0.3	<5	<5	<5	3.42	619	<10	155	39	88	<20	<20	7	2.93	0.51	0.53	0.02	0.10	35	5	7	12	3	<5	<10	.155	4	0.02
D4E 13 + 50 N		<.2	28	5	51	<1	14	15	<.2	<5	<5	<5	3.36	329	<10	126	36	87	<20	<20	5	2.39	0.54	0.51	0.02	0.07	33	3	5	11	3	<5	<10	.147	5	0.01
D4E 14 + 00 N		<.2	180	6	66	<1	14	18	<.2	<5	<5	<5	3.66	1364	<10	126	35	97	<20	<20	7	2.99	0.52	0.35	0.01	0.09	26	5	8	11	4	5	<10	.145	5	0.03
D4E 14 + 40 N		<.2	73	3	86	<1	13	17	0.3	<5	<5	<5	3.40	1239	<10	156	25	88	<20	<20	4	3.03	0.63	0.59	0.03	0.07	42	3	7	15	3	5	<10	.139	4	0.03
D6E 5 + 50 N		<.2	50	<2	60	<1	22	19	0.3	<5	<5	<5	4.17	651	<10	128	62	115	<20	<20	8	2.29	0.88	0.90	0.02	0.12	53	8	4	10	3	8	<10	.183	7	0.02
D6E 6 + 00 N		<.2	189	4	79	<1	17	16	0.4	<5	<5	<5	3.67	990	<10	163	39	92	<20	<20	10	3.24	0.67	1.28	0.02	0.11	66	13	6	17	4	9	<10	.127	9	0.07
D6E 6 + 50 N		<.2	58	3	72	<1	17	20	<.2	<5	<5	<5	3.81	835	<10	130	46	99	<20	<20	6	2.69	0.67	0.71	0.02	0.14	49	4	7	11	3	6	<10	.148	4	0.03
D6E 7 + 00 N		<.2	56	5	87	<1	20	19	<.2	<5	<5	<5	3.74	641	<10	125	43	96	<20	<20	6	3.13	0.72	0.43	0.02	0.08	37	4	8	12	4	5	<10	.169	5	0.02
D6E 7 + 50 N		<.2	148	3	53	<1	15	17	0.2	<5	<5	<5	3.43	974	<10	123	35	86	<20	<20	9	3.03	0.52	1.00	0.02	0.09	51	9	7	17	4	7	<10	.141	8	0.04
D6E 8 + 00 N		<.2	88	5	64	<1	13	16	0.3	<5	<5	<5	3.33	792	<10	142	35	84	<20	<20	7	2.65	0.54	0.93	0.02	0.21	49	6	7	14	4	5	<10	.127	4	0.06
D6E 8 + 50 N		0.3	68	4	78	<1	14	19	0.4	<5	<5	<5	3.71	1620	<10	255	35	92	<20	<20	5	2.53	0.64	1.12	0.02	0.15	68	4	6	12	4	6	<10	.118	4	0.06
D6E 9 + 00 N		<.2	77	2	62	<1	14	18	0.2	<5	<5	<5	3.49	1186	<10	170	40	86	<20	<20	8	3.02	0.61	0.95	0.02	0.09	59	7	7	16	4	6	<10	.131	6	0.04
D6E 9 + 50 N		1.8	121	11	91	<1	20	22	0.4	<5	<5	<5	4.47	1315	<10	198	53	114	<20	<20	11	3.34	0.79	0.78	0.02	0.23	48	14	8	16	4	12	<10	.157	10	0.04
D6E 10 + 00 N		<.2	41	3	81	<1	15	17	0.7	<5	<5	<5	3.58	1017	<10	165	42	91	<20	<20	8	2.87	0.59	0.61	0.02	0.17	47	6	7	13	4	6	<10	.151	5	0.03
D6E 10 + 50 N		<.2	39	2	82	<1	13	15	0.4	<5	<5	<5	3.23	1458	<10	189	34	78	<20	<20	5	2.48	0.51	0.55	0.02	0.15	42	4	6	12	3	<5	<10	.121	3	0.03
D6E 11 + 00 N		<.2	49	4	97	<1	15	17	0.4	<5	<5	<5	3.58	1400	<10	245	40	84	<20	<20	6	3.03	0.56	0.68	0.02	0.20	47	4	7	13	4	<5	<10	.135	5	0.03
D6E 11 + 50 N		<.2	43	2	72	<1	15	16	0.4	<5	<5	<5	3.44	1191	<10	199	40	84	<20	<20	8	2.76	0.56	0.66	0.02	0.24	49	6	6	12	3	5	<10	.142	4	0.03
D6E 12 + 00 N		<.2	41	4	88	<1	17	19	<.2	<5	<5	<5	3.81	1457	<10	162	44	95	<20	<20	7	3.43	0.61	0.59	0.02	0.14	39	5	8	14	3	6	<10	.158	5	0.03
D6E 12 + 50 N		<.2	46	3	67	<1	15	17	0.3	<5	<5	<5	3.59	883	<10	140	40	90	<20	<20	7	3.31	0.57	0.51	0.02	0.14	33	4	8	13	3	<5	<10	.146	6	0.02
D6E 13 + 00 N		<.2	102	2	54	<1	13	15	<.2	<5	<5	<5	3.09	1021	<10	176	32	74	<20	<20	10	2.83	0.49	0.76	0.02	0.14	41	9	6	12	3	<5	<10	.115	4	0.05
D6E 13 + 50 N		<.2	65	3	52	<1	12	14	0.2	<5	<5	<5	3.10	1045	<10	175	31	77	<20	<20	13	3.35	0.48	0.78	0.03	0.08	42	12	8	13	4	5	<10	.121	4	0.04
D6E 14 + 00 N		<.2	46	3	62	<1	14	16	0.2	<5	<5	<5	3.37	1125	<10	162	35	84	<20	<20	8	3.21	0.54	0.71	0.02	0.11	39	6	7	13	4	<5	<10	.128	4	0.04
D6E 14 + 50 N		<.2	29	3	38	<1	10	13	<.2	<5	<5	<5	2.93	704	<10	167	30	79	<20	<20	9	2.11	0.46	0.61	0.02	0.07	39	6	6	10	4	<5	<10	.137	5	0.02
D6E 15 + 00 N		<.2	31	<2	43	<1	9	12	0.2	<5	<5	<5	2.57	540	<10	163	28	67	<20	<20	9	2.13	0.41	0.65	0.02	0.07	42	7	5	10	3	<5	<10	.119	3	0.02
DBE 5 + 00 N		<.2	61	3	50	<1	12	15	0.2	<5	<5	<5	3.39	540	<10	212	32	82	<20	<20	9	2.82	0.48	0.82	0.03	0.09	48	7	7	15	3	6	<10	.147	9	0.02
DBE 5 + 50 N		<.2	52	3	51	<1	11	15	0.2	<5	<5	<5	3.26	515	<10	182	31	78	<20	<20	8	2.49	0.49	0.84	0.02	0.13	47	7	6	14	3	6	<10	.132	7	0.03
DBE 6 + 00 N		<.2	56	3	55	<1	12	15	<.2	<5	<5	<5	3.33	876	<10	174	32	78	<20	<20	8	2.50	0.50	1.00	0.03	0.13	51	7	6	12	4	6	<10	.128	7	0.04
DBE 6 + 50 N		<.2	33	<2	89	<1	11	13	0.3	<5	<5	<5	2.98	799	<10	203	30	70	<20	<20	5	2.07	0.41	0.72	0.02	0.11	42	4	5	9	3	<5	<10	.105	4	0.03



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-D1106.0 (COMPLETE)

DATE RECEIVED: 20-JUN-01

DATE PRINTED: 25-JUN-01

PROJECT: MERRITT
PAGE 4 OF 10

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
D8E 7 + 00 N		<.2	33	3	82	<1	11	14	0.2	<5	<5	<5	3.07	975	<10	178	30	71	<20	<20	6	2.15	0.48	0.58	0.02	0.13	36	4	5	10	3	<5	<10	.111	3	0.03
D8E 7 + 50 N		<.2	45	2	77	<1	13	15	0.3	<5	<5	<5	3.28	818	<10	157	32	81	<20	<20	6	2.26	0.55	0.52	0.02	0.11	40	4	5	11	3	<5	<10	.120	3	0.02
D8E 8 + 00 N		<.2	42	3	104	<1	11	15	0.6	<5	<5	<5	3.10	1562	<10	202	30	76	<20	<20	5	2.02	0.53	1.03	0.02	0.18	59	3	5	10	3	<5	<10	.101	3	0.04
D8E 8 + 50 N		0.2	107	5	94	<1	13	15	0.4	<5	<5	<5	3.35	1195	<10	279	31	75	<20	<20	6	2.48	0.60	0.96	0.02	0.26	53	5	6	12	4	<5	<10	.091	4	0.07
D8E 9 + 00 N		0.3	128	5	119	<1	12	15	1.7	<5	<5	<5	3.21	976	<10	266	30	75	<20	<20	7	2.58	0.57	1.19	0.02	0.11	67	7	5	13	4	<5	<10	.094	5	0.08
D8E 9 + 50 N		0.6	137	5	312	<1	10	14	3.0	<5	<5	<5	3.11	985	<10	393	26	67	<20	<20	8	2.85	0.48	1.21	0.03	0.12	76	9	6	15	3	7	<10	.107	11	0.04
D8E 10 + 00 N		<.2	68	3	62	<1	10	14	0.4	<5	<5	<5	3.04	581	<10	269	25	72	<20	<20	7	2.65	0.44	0.97	0.02	0.07	68	7	7	14	3	5	<10	.099	7	0.04
D8E 10 + 50 N		<.2	96	4	75	<1	13	17	0.2	<5	<5	<5	3.45	1201	<10	212	32	82	<20	<20	8	2.81	0.54	1.14	0.02	0.12	68	9	8	15	4	6	<10	.112	6	0.06
D8E 11 + 00 N		<.2	179	5	88	<1	21	29	0.4	<5	<5	<5	5.04	1503	<10	230	56	133	<20	<20	8	3.06	1.28	0.94	0.02	0.17	73	11	6	15	3	13	<10	.129	7	0.05
D8E 11 + 50 N		<.2	132	4	80	<1	22	25	0.3	<5	<5	<5	4.79	1115	<10	166	59	128	<20	<20	5	3.13	1.11	0.79	0.02	0.13	64	5	6	13	4	7	<10	.126	4	0.06
D8E 12 + 00 N		<.2	75	<2	57	<1	17	18	0.6	<5	<5	<5	3.50	853	<10	204	38	85	<20	<20	6	2.55	0.66	1.01	0.02	0.11	53	6	6	13	4	6	<10	.127	9	0.03
D8E 12 + 50 N		<.2	90	5	80	<1	16	18	0.3	<5	<5	<5	3.68	1280	<10	204	38	88	<20	<20	9	2.88	0.70	0.76	0.02	0.12	49	9	6	13	4	6	<10	.113	4	0.05
D8E 13 + 00 N		<.2	184	5	73	<1	22	22	0.3	<5	<5	<5	4.44	891	<10	242	56	111	<20	<20	8	3.28	0.95	0.78	0.02	0.12	50	8	7	14	5	9	<10	.139	7	0.04
D8E 13 + 50 N		<.2	66	6	78	<1	15	16	0.4	<5	<5	<5	3.61	1600	<10	291	36	84	<20	<20	9	2.78	0.63	1.05	0.02	0.18	55	8	6	11	4	5	<10	.099	3	0.06
D8E 14 + 00 N		<.2	31	4	66	<1	12	14	<.2	<5	<5	<5	3.27	616	<10	163	32	78	<20	<20	5	2.50	0.47	0.42	0.02	0.07	28	3	7	10	3	<5	<10	.111	4	0.02
D8E 14 + 50 N		<.2	34	5	83	<1	15	18	0.3	<5	<5	<5	3.79	782	<10	368	30	78	<20	<20	8	2.70	0.45	0.59	0.02	0.09	38	6	7	11	4	7	<10	.097	5	0.03
D10E 5 + 00 N		<.2	31	3	68	<1	12	15	0.2	<5	<5	<5	3.36	886	<10	157	32	84	<20	<20	4	2.15	0.49	0.64	0.02	0.10	37	3	6	9	3	<5	<10	.113	3	0.02
D10E 5 + 50 N		<.2	36	4	75	<1	11	14	0.3	<5	<5	<5	2.95	949	<10	171	29	72	<20	<20	4	1.89	0.49	0.85	0.02	0.14	44	3	4	8	3	<5	<10	.102	3	0.06
D10E 6 + 00 N		<.2	47	<2	90	<1	13	16	0.3	<5	<5	<5	3.37	1310	<10	245	32	80	<20	<20	4	2.44	0.56	0.75	0.02	0.13	50	3	6	11	3	6	<10	.123	6	0.02
D10E 6 + 50 N		<.2	49	2	67	<1	13	16	0.2	<5	<5	<5	3.61	971	<10	168	38	92	<20	<20	5	2.34	0.63	0.69	0.02	0.18	47	4	6	10	4	6	<10	.135	4	0.03
D10E 7 + 00 N		<.2	62	4	55	<1	12	17	0.2	<5	<5	<5	3.60	831	<10	192	35	89	<20	<20	6	2.86	0.63	1.14	0.02	0.15	64	6	6	12	4	7	<10	.135	7	0.06
D10E 7 + 50 N		<.2	60	3	55	<1	13	16	0.7	<5	<5	<5	3.59	814	<10	213	40	95	<20	<20	6	2.30	0.60	0.84	0.02	0.13	49	7	6	11	3	6	<10	.132	5	0.04
D10E 8 + 00 N		<.2	55	4	105	<1	13	15	0.2	<5	<5	<5	3.83	941	<10	156	36	97	<20	<20	4	3.14	0.61	0.45	0.02	0.09	38	3	9	14	4	5	<10	.146	7	0.02
D10E 8 + 50 N		<.2	47	2	62	<1	12	16	0.3	<5	<5	<5	3.60	889	<10	167	35	92	<20	<20	5	2.22	0.58	0.74	0.02	0.08	48	4	6	10	4	<5	<10	.120	4	0.03
D10E 9 + 00 N		<.2	22	<2	50	<1	11	14	<.2	<5	<5	<5	3.26	836	<10	150	34	79	<20	<20	4	2.19	0.52	0.63	0.02	0.13	40	3	6	9	3	<5	<10	.131	4	0.03
D10E 9 + 50 N		<.2	23	2	45	<1	11	14	<.2	<5	<5	<5	3.18	615	<10	145	35	80	<20	<20	4	2.10	0.50	0.65	0.02	0.13	41	3	5	8	4	<5	<10	.136	4	0.03
D10E 10 + 00 N		<.2	50	2	76	<1	19	19	<.2	<5	<5	<5	4.17	880	<10	363	50	113	<20	<20	5	3.37	0.91	0.67	0.02	0.16	46	4	8	13	3	7	<10	.160	6	0.02
D10E 10 + 50 N		<.2	46	3	67	<1	18	18	<.2	<5	<5	<5	3.86	806	<10	174	46	106	<20	<20	5	3.07	0.74	0.57	0.02	0.08	42	4	7	12	3	6	<10	.146	5	0.02
D10E 11 + 00 N		<.2	45	7	73	<1	15	18	0.2	<5	<5	<5	3.73	716	<10	199	41	99	<20	<20	5	2.86	0.59	0.67	0.02	0.10	44	4	8	12	4	5	<10	.157	8	0.02
D10E 11 + 50 N		<.2	29	<2	49	<1	12	15	<.2	<5	<5	<5	3.51	493	<10	196	35	92	<20	<20	5	2.52	0.54	0.64	0.02	0.08	42	4	6	11	3	<5	<10	.134	4	0.03



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01106.0 (COMPLETE)

DATE RECEIVED: 20-JUN-01

DATE PRINTED: 25-JUN-01

PROJECT: MERRITT

PAGE 5 OF 10

SAMPLE NUMBER	ELEMENT UNITS	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT	
D10E 12 + 00 N		<.2	58	2	87	<1	14	16	0.2	<5	<5	<5	3.68	1518	<10	312	37	88	<20	<20	6	3.02	0.59	0.89	0.02	0.14	53	4	8	12	4	5	<10	.129	5	0.04
D10E 12 + 50 N		<.2	58	3	86	<1	9	14	0.2	<5	<5	<5	3.37	1614	<10	300	26	83	<20	<20	8	3.02	0.49	0.53	0.03	0.08	37	9	9	12	4	5	<10	.097	4	0.05
D10E 13 + 00 N		<.2	31	<2	61	<1	11	13	<.2	<5	<5	<5	2.86	481	<10	219	28	69	<20	<20	5	2.54	0.41	0.70	0.03	0.08	36	5	7	11	3	<5	<10	.117	7	0.04
D10E 13 + 50 N		<.2	43	3	92	<1	16	16	<.2	<5	<5	<5	3.50	569	<10	204	49	88	<20	<20	6	3.37	0.79	0.67	0.03	0.13	50	5	7	14	4	6	<10	.131	12	0.03
D10E 14 + 00 N		<.2	36	4	61	<1	14	14	<.2	<5	<5	<5	3.19	816	<10	184	33	77	<20	<20	4	2.81	0.55	0.63	0.02	0.12	34	3	6	12	4	<5	<10	.125	7	0.03
D10E 14 + 50 N		<.2	71	<2	91	<1	12	16	<.2	<5	<5	<5	3.58	1785	<10	201	32	91	<20	<20	5	3.35	0.51	0.37	0.02	0.06	35	4	9	13	4	<5	<10	.109	4	0.03
D12E 5 + 00 N		<.2	32	2	50	<1	12	14	0.4	<5	<5	<5	3.06	516	<10	134	32	80	<20	<20	4	1.88	0.46	1.15	0.02	0.16	58	3	5	8	4	<5	<10	.127	6	0.05
D12E 5 + 50 N		<.2	49	5	81	1	19	17	0.7	<5	<5	<5	3.56	941	<10	157	44	92	<20	<20	5	2.33	0.59	0.91	0.02	0.13	50	5	6	11	3	<5	<10	.134	4	0.05
D12E 6 + 00 N		<.2	43	6	61	<1	19	18	0.3	<5	<5	<5	3.72	655	<10	154	46	100	<20	<20	6	2.62	0.58	0.87	0.03	0.12	52	6	6	13	4	6	<10	.172	6	0.03
D12E 6 + 50 N		<.2	98	9	59	<1	24	23	0.2	<5	6	<5	4.44	977	<10	218	59	127	<20	<20	7	2.29	1.10	1.28	0.04	0.14	79	9	5	11	3	10	<10	.166	7	0.03
D12E 7 + 00 N		0.3	140	6	79	<1	27	22	0.3	<5	<5	<5	4.50	939	<10	358	58	115	<20	<20	8	3.14	0.95	1.41	0.04	0.12	84	12	6	22	3	11	<10	.208	12	0.04
D12E 7 + 50 N		0.2	34	5	88	<1	16	16	0.3	<5	<5	<5	3.21	1157	<10	262	36	81	<20	<20	4	2.32	0.53	1.23	0.02	0.15	67	3	6	11	4	<5	<10	.137	4	0.05
D12E 8 + 00 N		<.2	29	4	85	<1	19	15	0.3	<5	<5	<5	3.34	866	<10	176	41	84	<20	<20	4	2.46	0.55	0.70	0.02	0.11	41	3	6	12	3	<5	<10	.144	5	0.02
D12E 8 + 50 N		0.2	46	6	82	<1	20	16	<.2	<5	<5	<5	3.51	867	<10	178	40	87	<20	<20	4	2.59	0.59	0.79	0.02	0.11	46	4	6	12	4	<5	<10	.124	3	0.04
D12E 9 + 00 N		<.2	42	5	91	<1	18	16	0.2	<5	<5	<5	3.23	1450	<10	268	36	79	<20	<20	4	2.55	0.54	0.73	0.02	0.12	47	3	5	13	3	<5	<10	.114	3	0.03
D12E 9 + 50 N		0.3	47	6	103	<1	13	12	0.3	<5	<5	<5	2.61	1586	<10	303	22	58	<20	<20	3	2.06	0.41	1.14	0.02	0.09	55	2	5	10	3	<5	<10	.090	3	0.06
D12E 10 + 00 N		<.2	100	7	68	1	21	19	0.2	<5	<5	<5	3.74	1091	<10	303	40	93	<20	<20	9	3.38	0.66	0.83	0.02	0.13	48	9	7	16	4	7	<10	.149	8	0.04
D12E 10 + 50 N		<.2	46	7	93	<1	12	14	<.2	<5	<5	<5	3.07	850	<10	237	28	80	<20	<20	3	2.44	0.49	0.65	0.02	0.06	49	3	7	13	4	<5	<10	.118	3	0.04
D12E 11 + 00 N		<.2	93	7	93	<1	23	21	0.3	<5	<5	<5	4.49	1002	<10	183	50	123	<20	<20	5	3.68	0.85	0.68	0.02	0.16	51	4	9	16	4	7	<10	.145	3	0.03
D12E 11 + 50 N		<.2	50	6	92	<1	18	18	<.2	<5	<5	<5	3.87	777	<10	170	42	108	<20	<20	4	2.63	0.69	0.63	0.02	0.10	48	3	7	12	4	<5	<10	.139	3	0.03
D12E 12 + 00 N		<.2	102	7	84	<1	21	21	<.2	<5	8	<5	4.16	1290	<10	346	44	107	<20	<20	8	3.33	0.79	1.04	0.02	0.19	64	9	7	17	4	9	<10	.153	7	0.05
D12E 12 + 50 N		0.2	100	8	74	<1	13	15	0.2	<5	6	<5	2.99	1608	<10	244	23	68	<20	<20	8	3.34	0.46	0.67	0.03	0.08	46	9	8	15	4	<5	<10	.118	6	0.06
D12E 13 + 00 N		<.2	79	7	83	<1	22	22	0.3	<5	<5	<5	4.38	1505	<10	223	50	121	<20	<20	5	3.05	0.86	0.97	0.02	0.24	60	5	6	13	4	8	<10	.157	5	0.06
D12E 13 + 50 N		0.3	70	7	97	<1	16	16	<.2	<5	<5	<5	3.56	1527	<10	219	29	94	<20	<20	5	3.00	0.61	0.60	0.02	0.10	40	4	7	15	4	<5	<10	.123	3	0.04
D12E 14 + 00 N		0.2	107	7	76	<1	24	24	0.6	<5	<5	<5	4.90	1836	<10	347	53	149	<20	<20	6	3.33	1.01	0.90	0.02	0.12	71	6	8	13	4	8	<10	.144	3	0.04
D12E 14 + 50 N		<.2	45	8	93	<1	20	22	0.2	<5	<5	<5	4.43	872	<10	293	46	135	<20	<20	4	3.30	0.75	0.62	0.02	0.09	49	3	9	14	3	6	<10	.176	5	0.02
D12E 15 + 00 N		<.2	55	7	109	<1	17	18	0.3	<5	<5	<5	3.77	460	<10	270	37	98	<20	<20	5	2.99	0.58	0.98	0.03	0.14	57	5	7	22	4	6	<10	.129	7	0.04
D14E 10 + 00 N		0.8	137	12	82	<1	20	17	0.3	<5	<5	<5	3.64	678	<10	290	42	102	<20	<20	8	2.99	0.53	1.42	0.03	0.08	91	10	8	27	3	7	<10	.143	8	0.04
D14E 10 + 50 N		<.2	58	7	94	<1	24	20	0.2	<5	<5	<5	4.36	589	<10	216	53	127	<20	<20	5	2.94	0.86	0.79	0.03	0.12	61	5	7	14	4	7	<10	.171	6	0.02
D14E 11 + 00 N		0.3	40	11	87	<1	20	18	<.2	<5	<5	<5	3.86	647	<10	200	45	109	<20	<20	4	2.65	0.68	0.69	0.02	0.11	50	3	7	13	3	5	<10	.144	3	0.02



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01106.0 (COMPLETE)

DATE RECEIVED: 20-JUN-01

DATE PRINTED: 25-JUN-01

PROJECT: MERRITT
PAGE 6 OF 10

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
D14E 11 + 50 N		<.2	37	6	70	<1	23	19	<.2	<5	<5	<5	4.15	496	<10	177	54	125	<20	<20	4	2.58	0.78	0.75	0.02	0.09	52	3	6	13	3	5	<10	.182	5	0.02
D14E 12 + 00 N		<.2	47	11	75	<1	17	18	<.2	<5	<5	<5	3.99	809	<10	255	41	115	<20	<20	3	2.62	0.71	0.78	0.02	0.12	52	3	7	14	4	<5	<10	.120	2	0.03
D14E 13 + 00 N		<.2	55	9	71	<1	17	16	<.2	<5	5	<5	3.55	512	<10	183	36	95	<20	<20	4	2.49	0.46	0.58	0.02	0.09	40	4	7	13	4	<5	<10	.109	3	0.04
D14E 13 + 50 N		0.2	61	7	86	<1	17	15	<.2	<5	5	<5	3.29	590	<10	270	33	83	<20	<20	6	2.66	0.46	0.83	0.03	0.06	53	6	6	14	4	<5	<10	.113	6	0.04
D14E 14 + 00 N		0.2	51	12	96	<1	20	18	<.2	<5	<5	<5	3.89	639	<10	235	49	114	<20	<20	4	2.65	0.68	0.68	0.03	0.11	52	4	6	13	3	6	<10	.149	3	0.01
D14E 14 + 50 N		<.2	71	16	63	<1	25	23	0.2	<5	<5	<5	5.03	607	<10	149	75	168	<20	<20	6	2.16	1.13	1.05	0.03	0.09	85	7	5	9	3	10	<10	.222	8	0.02
D14E 15 + 00 N		<.2	26	7	68	<1	21	19	<.2	<5	<5	<5	4.02	433	<10	219	58	127	<20	<20	4	2.66	0.74	0.74	0.02	0.08	53	3	7	12	4	6	<10	.193	5	0.01
L4+50E 7 + 50 N		<.2	22	5	62	<1	15	14	<.2	<5	<5	<5	3.21	409	<10	99	42	93	<20	<20	7	1.78	0.53	0.67	0.02	0.09	42	5	5	8	2	<5	<10	.174	4	0.01
Q20E 10 + 00 N		<.2	17	4	35	<1	15	11	<.2	<5	<5	<5	2.67	220	<10	76	34	72	<20	<20	3	1.63	0.30	0.41	0.02	0.06	31	2	5	7	3	<5	<10	.129	4	<.01
Q20E 10 + 50 N		<.2	21	4	68	<1	30	18	<.2	<5	<5	<5	3.68	621	<10	117	57	98	<20	<20	3	2.76	0.51	0.42	0.02	0.06	32	2	8	11	3	<5	<10	.163	7	0.01
Q20E 11 + 00 N		<.2	50	4	51	<1	40	19	<.2	<5	<5	<5	4.30	400	<10	124	79	124	<20	<20	7	2.20	1.08	0.88	0.03	0.16	63	6	5	9	2	8	<10	.218	13	0.01
Q20E 11 + 50 N		<.2	28	5	37	<1	25	11	<.2	<5	<5	<5	2.59	264	<10	102	42	60	<20	<20	5	2.29	0.49	0.45	0.04	0.08	32	4	5	9	3	<5	<10	.139	8	0.01
Q20E 12 + 00 N		<.2	21	4	33	<1	22	12	<.2	<5	<5	<5	2.64	287	<10	68	42	68	<20	<20	3	1.85	0.45	0.48	0.03	0.07	33	3	4	8	2	<5	<10	.149	7	<.01
Q20E 12 + 50 N		<.2	18	6	32	<1	16	11	0.6	<5	<5	<5	2.49	347	<10	74	42	74	<20	<20	4	1.43	0.37	0.48	0.02	0.06	38	3	5	5	3	<5	<10	.154	6	<.01
Q20E 13 + 00 N		<.2	19	3	41	<1	20	13	<.2	<5	<5	<5	3.08	216	<10	74	47	86	<20	<20	4	1.70	0.41	0.47	0.02	0.08	32	3	6	7	4	<5	<10	.163	7	<.01
Q20E 13 + 50 N		<.2	19	4	43	<1	23	15	<.2	<5	<5	<5	3.75	270	<10	81	65	108	<20	<20	3	1.65	0.54	0.55	0.02	0.09	34	3	6	8	3	<5	<10	.165	8	0.01
Q20E 14 + 00 N		<.2	20	4	39	<1	15	13	<.2	<5	<5	<5	3.55	219	<10	63	47	108	<20	<20	3	1.64	0.41	0.55	0.02	0.06	37	3	6	7	3	<5	<10	.170	7	0.01
Q20E 15 + 00 N		<.2	25	6	42	<1	19	14	<.2	<5	<5	<5	3.22	370	<10	124	47	88	<20	<20	4	2.13	0.51	0.57	0.03	0.09	48	3	5	10	3	<5	<10	.162	7	0.01
Q20E 15 + 50 N		<.2	16	3	52	<1	20	14	<.2	<5	<5	<5	3.34	372	<10	84	54	89	<20	<20	3	2.05	0.45	0.44	0.02	0.08	29	2	7	10	3	<5	<10	.145	6	0.01
Q20E 16 + 00 N		<.2	162	3	69	<1	61	23	<.2	<5	<5	<5	4.65	1839	<10	245	103	88	<20	<20	45	5.26	1.63	1.25	0.02	0.18	78	66	9	19	3	19	<10	.099	15	0.04
Q20E 16 + 50 N		<.2	15	4	38	<1	26	15	<.2	<5	<5	<5	3.27	337	<10	75	58	91	<20	<20	2	1.80	0.55	0.55	0.02	0.07	34	2	6	8	2	<5	<10	.168	6	0.01
Q20E 17 + 00 N		<.2	20	5	42	<1	32	19	<.2	<5	<5	<5	3.60	491	<10	82	68	102	<20	<20	3	1.80	0.82	0.62	0.02	0.08	42	3	5	9	3	<5	<10	.175	8	0.01
Q20E 17 + 50 N		<.2	29	5	61	<1	67	26	<.2	<5	<5	<5	3.95	698	<10	69	122	103	<20	<20	1	2.38	1.81	0.46	0.02	0.07	35	1	3	11	3	<5	<10	.155	6	0.01
Q20E 18 + 00 N		<.2	52	5	86	<1	74	28	<.2	<5	<5	<5	4.01	527	<10	59	88	110	<20	<20	1	3.23	2.14	0.62	0.02	0.06	36	2	5	17	2	<5	<10	.181	6	0.01
Q20E 18 + 50 N		<.2	35	5	86	<1	42	19	<.2	<5	<5	<5	3.52	716	<10	82	69	92	<20	<20	3	2.91	0.94	0.45	0.02	0.06	35	2	7	11	3	<5	<10	.172	8	0.01
Q20E 19 + 00 N		<.2	35	4	60	<1	38	18	<.2	<5	<5	<5	3.34	335	<10	58	65	75	<20	<20	1	2.46	1.09	0.52	0.03	0.07	45	2	4	10	3	<5	<10	.131	5	0.02
Q20E 19 + 50 N		<.2	18	3	38	<1	24	17	<.2	<5	<5	<5	3.93	238	<10	123	64	106	<20	<20	3	2.11	0.61	0.66	0.03	0.06	50	2	7	9	3	<5	<10	.185	8	0.01
Q20E 20 + 00 N		<.2	16	3	48	<1	23	14	<.2	<5	<5	<5	2.95	489	<10	110	57	73	<20	<20	2	2.11	0.56	0.51	0.03	0.08	33	2	6	11	2	<5	<10	.151	6	<.01
B 01		<.2	40	3	57	<1	23	21	<.2	<5	<5	<5	4.67	1025	<10	90	63	142	<20	<20	5	2.06	1.19	2.92	0.08	0.11	85	8	4	11	1	8	<10	.220	9	0.07
D 01		0.5	87	7	106	<1	30	22	0.4	<5	<5	<5	4.26	1107	<10	291	69	87	<20	<20	6	1.93	0.84	1.26	0.02	0.11	86	10	4	12	3	9	<10	.065	3	0.11



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01106.0 (COMPLETE)

DATE RECEIVED: 20-JUN-01

DATE PRINTED: 25-JUN-01

PROJECT: MERRITT

PAGE 7 OF 10

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
D 02		0.3	245	6	63	1	18	16	0.8	<5	<5	<5	3.40	935	<10	374	37	77	<20	<20	6	2.46	0.69	1.76	0.03	0.14	106	9	5	19	2	7	<10	.089	5	0.10
Q 01		0.3	159	4	67	<1	72	22	0.3	<5	<5	<5	4.24	1199	<10	172	106	91	<20	<20	11	4.58	1.53	1.38	0.03	0.12	64	17	6	20	3	13	<10	.129	16	0.05



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01437.0 (COMPLETE)

DATE RECEIVED: 07-AUG-01

DATE PRINTED: 10-AUG-01

PROJECT: MERRITT

PAGE 1 OF 4

SAMPLE NUMBER	ELEMENT UNITS	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT
HS01		<.2	34	<2	52	<1	14	13	0.2	<5	<5	<5	3.52	684	<10	87	23	84	<20	<20	7	1.41	0.81	2.41	0.03	0.09	75	9	<2	7	6	7	<10	.115	2	0.03
M01		0.3	501	5	19	4	15	5	0.2	<5	<5	<5	1.00	255	<10	88	17	32	<20	<20	4	0.63	0.39	4.61	0.02	0.17	107	6	<2	6	3	<5	<10	.031	2	0.21
M02		<.2	62	<2	30	10	10	7	<.2	<5	<5	<5	2.24	262	<10	54	27	59	<20	<20	7	0.59	0.25	1.03	0.02	0.14	39	3	<2	5	5	<5	<10	.082	<1	0.11
M03		<.2	92	<2	107	1	16	22	<.2	<5	<5	<5	4.06	577	<10	243	15	94	<20	<20	3	2.02	0.85	0.45	0.03	0.72	31	3	<2	19	6	<5	<10	.121	<1	0.03
M04		0.3	412	<2	38	2	26	9	0.4	<5	6	<5	1.95	473	<10	162	18	50	<20	<20	4	1.11	0.46	4.56	0.03	0.32	149	7	<2	9	4	<5	<10	.070	<1	0.15
Q15 15+00E		<.2	37	<2	44	<1	28	16	<.2	<5	<5	<5	4.24	357	<10	98	64	132	<20	<20	6	1.89	0.87	0.81	0.02	0.09	58	5	<2	8	8	6	<10	.182	5	<.01
Q15 15+00N 15+00E		<.2	30	3	43	<1	27	15	<.2	<5	<5	<5	3.74	328	<10	87	63	116	<20	<20	5	1.80	0.80	0.71	0.02	0.08	50	4	<2	9	8	5	<10	.177	5	<.01
Q15 16+00E		<.2	30	<2	44	<1	25	13	<.2	<5	<5	<5	3.02	302	<10	79	56	86	<20	<20	4	1.69	0.74	0.54	0.03	0.07	36	4	<2	10	6	<5	<10	.133	2	<.01
Q15 16+50E		<.2	41	3	61	<1	32	16	<.2	<5	<5	<5	2.99	437	<10	156	51	74	<20	<20	4	2.81	0.70	0.37	0.02	0.08	27	4	3	14	4	6	<10	.093	3	0.01
Q15 17+00E		<.2	38	3	58	<1	29	14	0.2	<5	<5	<5	3.05	349	<10	146	49	81	<20	<20	5	2.33	0.64	0.45	0.03	0.09	31	5	<2	12	5	5	<10	.114	5	<.01
Q15 17+50E		<.2	39	2	41	<1	28	17	<.2	<5	<5	<5	4.25	457	<10	80	75	123	<20	<20	5	1.74	0.98	0.79	0.02	0.09	46	5	<2	8	8	7	<10	.143	3	0.01
Q15 18+00E		<.2	32	3	54	<1	58	20	<.2	<5	<5	<5	3.86	470	<10	97	97	103	<20	<20	3	2.24	1.24	0.64	0.02	0.06	35	3	<2	9	6	<5	<10	.110	5	<.01
Q15 18+25E		<.2	84	3	52	<1	61	22	<.2	<5	<5	<5	4.59	659	<10	131	118	110	<20	<20	8	2.93	1.51	1.13	0.03	0.09	54	12	<2	12	6	10	<10	.108	4	0.03
Q15 18+50E		<.2	42	2	54	<1	38	16	<.2	<5	<5	<5	3.77	262	<10	158	62	86	<20	<20	4	2.99	0.67	0.49	0.02	0.10	31	4	2	13	5	6	<10	.114	7	0.01
Q15 19+00E		<.2	27	<2	40	<1	25	14	<.2	<5	<5	<5	4.03	322	<10	76	67	117	<20	<20	5	1.62	0.65	0.64	0.03	0.07	42	4	<2	7	8	5	<10	.168	5	<.01
Q15 19+50E		<.2	29	<2	39	<1	19	13	<.2	<5	<5	<5	3.84	323	<10	90	56	115	<20	<20	5	1.85	0.57	0.65	0.03	0.08	46	5	<2	9	8	6	<10	.175	7	<.01
Q16 15+00E		<.2	39	<2	47	<1	33	17	<.2	<5	<5	<5	4.07	360	<10	97	76	122	<20	<20	5	1.98	0.97	0.74	0.03	0.08	52	5	<2	10	8	6	<10	.164	3	<.01
Q16 15+50E		<.2	32	<2	41	<1	32	17	<.2	<5	<5	<5	4.21	400	<10	65	95	128	<20	<20	5	1.53	1.03	0.77	0.02	0.07	50	5	<2	8	8	5	<10	.169	4	<.01
Q16 16+00E		<.2	32	3	42	<1	24	11	<.2	<5	<5	<5	2.69	240	<10	100	47	73	<20	<20	4	1.84	0.60	0.40	0.03	0.09	30	3	<2	11	5	<5	<10	.113	5	<.01
Q16 16+50E		<.2	26	<2	44	<1	18	12	<.2	<5	<5	<5	3.29	275	<10	83	46	91	<20	<20	4	1.57	0.51	0.49	0.02	0.09	31	3	<2	8	6	<5	<10	.132	3	<.01
Q16 17+50E		<.2	28	3	48	<1	21	14	<.2	<5	<5	<5	3.62	327	<10	95	54	102	<20	<20	4	1.71	0.63	0.59	0.02	0.08	36	4	<2	8	7	5	<10	.141	6	<.01
Q16 18+00E		<.2	70	<2	49	<1	49	20	<.2	<5	<5	<5	4.78	550	<10	105	106	134	<20	<20	8	2.14	1.39	1.06	0.03	0.10	78	10	<2	8	8	9	<10	.139	3	0.01
Q16 18+50E		<.2	23	3	39	<1	35	15	<.2	<5	<5	<5	3.05	412	<10	119	60	73	<20	<20	4	2.15	0.79	0.51	0.03	0.07	31	3	<2	10	4	<5	<10	.116	4	<.01
Q16 19+00E		<.2	34	<2	46	<1	24	16	<.2	<5	<5	<5	3.94	402	<10	98	54	118	<20	<20	6	1.91	0.77	0.71	0.02	0.10	49	5	<2	9	7	6	<10	.159	6	<.01
Q16 19+50E		<.2	28	2	53	<1	21	13	<.2	<5	<5	<5	3.02	339	<10	109	42	81	<20	<20	4	2.11	0.61	0.51	0.02	0.09	34	4	2	11	5	6	<10	.120	3	<.01
Q16 19+75E		<.2	41	3	46	<1	33	18	<.2	<5	<5	<5	4.70	412	<10	89	86	139	<20	<20	5	2.01	1.09	0.82	0.03	0.08	67	5	<2	9	8	7	<10	.165	5	<.01
Q16 20+00E		<.2	22	<2	60	<1	27	14	<.2	<5	<5	<5	3.25	532	<10	88	55	90	<20	<20	4	2.19	0.60	0.42	0.02	0.06	28	3	<2	9	6	<5	<10	.132	4	<.01
Q17 15+00E		<.2	27	<2	42	<1	21	12	<.2	<5	<5	<5	2.91	392	<10	70	47	85	<20	<20	4	1.59	0.54	0.47	0.02	0.07	32	4	<2	9	6	<5	<10	.132	1	0.01
Q17 15+50E		<.2	27	4	57	<1	23	12	<.2	<5	<5	<5	2.67	549	<10	151	42	62	<20	<20	4	2.16	0.50	0.37	0.02	0.10	24	3	2	11	5	<5	<10	.090	1	0.01
Q17 16+00E		<.2	24	3	47	<1	21	13	<.2	<5	<5	<5	3.11	299	<10	95	46	82	<20	<20	3	1.73	0.63	0.47	0.02	0.08	29	3	<2	9	6	<5	<10	.121	2	<.01



BONDAR CLEGG



VANCOUVER BRANCH

Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01437.0 (COMPLETE)

DATE RECEIVED: 07-AUG-01

DATE PRINTED: 10-AUG-01

PROJECT: MERRITT

PAGE 2 OF 4

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
Q17 16+50E	<.2	25	<2	49	<1	20	12	<.2	<5	<5	<5	3.27	488	<10	84	49	93	<20	<20	3	1.63	0.59	0.50	0.02	0.07	32	3	<2	8	7	<5	<10	.132	2	<.01	
Q17 17+00E	<.2	34	<2	58	<1	27	15	<.2	<5	<5	<5	3.71	327	<10	134	49	92	<20	<20	4	2.29	0.66	0.53	0.02	0.10	30	3	<2	11	6	5	<10	.117	4	0.01	
Q17 17+50E	<.2	27	3	79	<1	69	26	<.2	<5	<5	<5	4.20	1076	<10	84	120	93	<20	<20	2	2.19	1.82	0.36	0.02	0.05	27	1	<2	12	5	<5	<10	.101	<1	0.01	
Q17 18+00E	<.2	94	3	43	<1	38	14	0.2	<5	<5	<5	3.55	1079	<10	178	53	81	<20	<20	9	3.85	0.74	0.89	0.04	0.10	60	12	2	22	5	10	<10	.102	8	0.03	
Q17 18+50E	<.2	16	2	59	<1	21	11	<.2	<5	<5	<5	2.81	444	<10	119	51	68	<20	<20	2	1.88	0.54	0.41	0.02	0.07	27	2	2	10	5	<5	<10	.109	2	<.01	
Q17 19+00E	<.2	16	4	57	<1	21	13	<.2	<5	<5	<5	2.89	630	<10	90	42	74	<20	<20	3	2.33	0.45	0.36	0.02	0.06	24	2	3	11	5	<5	<10	.117	4	0.01	
Q17 19+50E	<.2	21	5	43	<1	24	12	<.2	<5	<5	<5	2.96	448	<10	77	54	79	<20	<20	2	1.73	0.52	0.34	0.02	0.05	18	2	<2	8	6	<5	<10	.102	3	0.01	
Q18 15+00E	<.2	23	<2	41	<1	24	14	<.2	<5	<5	<5	3.23	390	<10	76	59	88	<20	<20	4	1.52	0.73	0.52	0.02	0.06	31	3	<2	8	6	<5	<10	.126	3	<.01	
Q18 15+50E	<.2	27	2	38	<1	24	16	<.2	<5	<5	<5	4.09	368	<10	73	67	120	<20	<20	3	1.62	0.97	0.64	0.02	0.06	40	3	<2	8	8	5	<10	.145	4	<.01	
Q18 16+00E	<.2	24	2	50	<1	26	14	0.2	<5	<5	<5	3.42	531	<10	102	53	95	<20	<20	3	1.89	0.67	0.55	0.02	0.07	33	3	<2	8	7	<5	<10	.133	2	0.01	
Q18 16+50E	<.2	19	4	56	<1	22	12	<.2	<5	<5	<5	2.68	624	<10	113	39	69	<20	<20	3	1.99	0.46	0.35	0.02	0.07	21	2	2	9	5	<5	<10	.102	1	0.01	
Q18 17+00E	<.2	30	3	45	<1	30	15	<.2	<5	<5	<5	3.39	420	<10	111	57	87	<20	<20	3	2.06	0.78	0.55	0.02	0.10	36	3	<2	10	6	<5	<10	.107	<1	0.01	
Q18 17+50E	<.2	20	3	49	<1	29	14	<.2	<5	<5	<5	3.11	438	<10	89	56	77	<20	<20	2	2.30	0.67	0.38	0.02	0.05	24	2	<2	11	5	<5	<10	.113	4	<.01	
Q18 18+00E	<.2	27	4	61	<1	24	13	<.2	<5	<5	<5	2.57	654	<10	111	38	65	<20	<20	3	2.26	0.51	0.30	0.02	0.06	19	2	2	11	4	<5	<10	.095	3	0.01	
Q18 18+50E	<.2	28	3	48	<1	30	15	<.2	<5	<5	<5	3.51	613	<10	101	67	95	<20	<20	3	2.00	0.71	0.54	0.02	0.07	31	2	<2	10	6	<5	<10	.112	1	0.01	
Q18 19+00E	<.2	25	4	54	<1	32	15	<.2	<5	<5	<5	3.19	583	<10	99	71	81	<20	<20	2	2.21	0.74	0.39	0.02	0.07	23	2	<2	11	5	<5	<10	.104	4	<.01	
Q18 19+50E	<.2	29	2	75	<1	32	15	0.2	<5	<5	<5	2.94	1156	<10	106	57	76	<20	<20	3	2.19	0.68	0.32	0.02	0.06	20	2	<2	10	5	<5	<10	.090	2	0.01	
Q 18+50N 19+50E	<.2	38	2	58	<1	33	16	<.2	<5	<5	<5	3.36	583	<10	109	60	89	<20	<20	4	2.27	0.77	0.46	0.02	0.07	32	4	<2	10	5	<5	<10	.101	2	<.01	
Q19 19+25E	<.2	42	3	74	<1	43	19	<.2	<5	<5	<5	4.04	764	<10	131	65	102	<20	<20	3	3.25	0.97	0.54	0.02	0.07	39	3	<2	13	6	<5	<10	.116	4	0.01	
Q19 19+50E	<.2	23	3	41	<1	45	16	<.2	<5	<5	<5	3.52	284	<10	74	56	95	<20	<20	3	1.98	0.96	0.55	0.02	0.05	39	2	<2	8	6	<5	<10	.126	3	<.01	
QS 01	<.2	115	3	77	<1	130	38	0.2	<5	<5	<5	7.03	926	<10	94	282	163	<20	<20	5	3.25	3.64	1.82	0.05	0.09	64	6	<2	15	9	8	<10	.124	<1	0.05	
QS 02	0.2	164	3	50	<1	52	13	0.2	<5	<5	<5	3.46	500	<10	183	60	72	<20	<20	18	3.74	0.92	1.70	0.03	0.10	66	26	<2	14	5	10	<10	.069	12	0.08	
QS 03	<.2	74	3	52	<1	39	15	0.3	<5	<5	<5	3.62	784	<10	131	58	93	<20	<20	6	2.32	0.89	1.74	0.04	0.08	71	8	<2	12	6	6	<10	.107	3	0.09	
QS 04	0.2	87	5	35	1	21	7	0.9	<5	<5	<5	1.85	433	<10	83	25	37	<20	<20	5	1.99	0.40	2.95	0.02	0.08	45	9	<2	8	3	<5	<10	.042	5	0.23	
QS 05	<.2	20	2	61	<1	22	13	0.2	<5	<5	<5	3.09	536	<10	103	44	83	<20	<20	4	1.81	0.56	0.51	0.02	0.10	32	3	<2	8	6	<5	<10	.139	2	<.01	
QWSC01	<.2	102	<2	63	<1	260	33	0.2	<5	<5	<5	5.05	714	<10	123	196	100	<20	<20	5	3.89	3.78	1.96	0.03	0.06	110	7	<2	15	5	6	<10	.103	5	0.04	
L 15+00N 17+50E	<.2	28	<2	56	<1	31	17	<.2	<5	<5	<5	3.90	606	<10	113	68	103	<20	<20	3	2.27	0.92	0.54	0.02	0.07	41	3	<2	10	6	<5	<10	.124	3	<.01	
L 19+00N 19+00E	<.2	89	3	65	<1	141	35	<.2	<5	<5	<5	5.01	1069	<10	70	209	128	<20	<20	3	2.46	3.56	1.60	0.04	0.06	41	4	<2	13	6	<5	<10	.075	<1	0.05	



BONDAR CLEGG



Geochemical Lab Report

REPORT: V01-01107.0 (COMPLETE)

REFERENCE:

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

SUBMITTED BY: J.R. KERR

PROJECT: MERRITT

DATE RECEIVED: 20-JUN-01 DATE PRINTED: 28-JUN-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010627	1 Au30	Au - FA30	5	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
010627	2 Ag	Ag - IC01	5	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	3 Cu	Cu - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	4 Pb	Pb - IC01	5	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	5 Zn	Zn - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	6 Mo	Mo - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	7 Ni	Ni - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	8 Co	Co - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	9 Cd	Cd - IC01	5	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	10 Bi	Bi - IC01	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	11 As	As - IC01	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	12 Sb	Sb - IC01	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	13 Fe	Fe - IC01	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	14 Mn	Mn - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	15 Te	Te - IC01	5	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	16 Ba	Ba - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	17 Cr	Cr - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	18 V	V - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	19 Sn	Sn - IC01	5	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	20 W	W - IC01	5	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	21 La	La - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	22 Al	Al - IC01	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	23 Mg	Mg - IC01	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	24 Ca	Ca - IC01	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	25 Na	Na - IC01	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	26 K	K - IC01	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	27 Sr	Sr - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	28 Y	Y - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	29 Ga	Ga - IC01	5	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	30 Li	Li - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	31 Nb	Nb - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	32 Sc	Sc - IC01	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	33 Ta	Ta - IC01	5	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	34 Ti	Ti - IC01	5	0.010 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	35 Zr	Zr - IC01	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010627	36 S	S - IC01	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	5	2 -150	5	CRUSH/SPLIT & PULV.	5

REPORT COPIES TO: MR. JOHN KERR

INVOICE TO: MR. JOHN KERR

 This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01107.0 (COMPLETE)

DATE RECEIVED: 20-JUN-01

DATE PRINTED: 28-JUN-01

PROJECT: MERRITT

PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
DR01		7	<.2	50	3	65	1	6	20	<.2	<5	<5	<5	4.07	914	<10	48	25	130	<20	<20	6	1.92	2.05	1.52	0.13	0.11	185	9	3	10	8	7	<10	0.237	10	0.02
DR02		<5	<.2	36	<2	74	<1	8	25	<.2	<5	8	<5	4.75	876	<10	84	25	111	<20	<20	4	2.59	1.83	1.64	0.09	0.18	74	14	<2	19	6	8	<10	0.400	17	0.07
DR03		6	<.2	201	4	60	1	114	42	0.3	<5	<5	<5	7.78	2504	<10	60	251	186	<20	<20	3	1.56	3.81	5.85	0.02	0.37	173	11	6	4	12	22	<10	0.034	<1	0.03
QR02		<5	<.2	87	3	77	<1	8	17	<.2	<5	<5	<5	3.64	1047	<10	81	42	140	<20	<20	8	1.50	1.58	2.99	0.10	0.22	287	9	4	9	9	6	<10	0.160	3	0.02
QR03		<5	<.2	11	<2	32	3	62	21	<.2	<5	<5	<5	2.73	1494	<10	53	151	101	<20	<20	1	0.30	4.43	8.21	<.01	0.11	310	3	<2	<1	7	5	<10	<.010	<1	0.04



BONDAR CLEGG



VANCOUVER BRANCH

Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01436.0 (COMPLETE)

DATE RECEIVED: 07-AUG-01

DATE PRINTED: 10-AUG-01

PROJECT: MERRITT

PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Al ₂ O ₃ PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
SR01		257	0.8	8508	6	52	2	20	18	1.1	<5	<5	<5	2.28	564	<10	45	163	79	<20	<20	5	1.50	1.25	0.50	0.05	0.19	28	4	4	8	5	<5	<10	0.029	5	<0.01
SR02		32	<.2	27	4	7	1	3	2	0.5	<5	<5	<5	0.59	1180	<10	6	68	14	<20	<20	1	0.28	0.27	>10.00	<.01	0.02	354	6	<2	2	<1	<5	<10	<.010	<1	0.04
SR03		<5	<.2	20	4	66	<1	56	31	0.3	<5	<5	<5	5.57	866	<10	24	148	137	<20	<20	3	2.41	3.71	1.17	0.07	0.13	51	8	<2	18	8	6	<10	0.280	9	<0.01
HR01		<5	<.2	14	<2	46	1	3	10	0.2	<5	<5	<5	2.07	703	<10	22	46	53	<20	<20	2	1.56	0.36	2.49	0.03	0.03	101	10	<2	2	3	5	<10	0.293	8	0.01
HR02		<5	<.2	88	4	66	1	5	17	0.4	<5	<5	<5	4.74	730	<10	28	38	140	<20	<20	2	2.01	0.72	2.60	0.10	0.08	97	12	<2	6	9	6	<10	0.283	3	0.01
HR03		<5	<.2	13	2	6	<1	4	4	0.4	<5	<5	<5	2.11	364	<10	9	151	87	<20	<20	<1	2.24	0.02	3.03	<.01	<.01	294	9	2	<1	5	<5	<10	0.175	5	0.01
QWR02		<5	<.2	1394	7	65	2	62	29	0.3	<5	<5	<5	6.43	1345	<10	41	68	228	<20	<20	9	3.75	2.63	1.68	1.21	0.15	84	8	9	9	14	<5	<10	0.075	5	0.01
QWR03		<5	0.4	2139	5	45	<1	41	22	0.3	<5	<5	<5	4.43	895	<10	58	83	166	<20	<20	3	3.68	1.95	6.11	0.39	0.12	510	7	7	7	10	<5	<10	0.212	11	0.03
QR04		9	<.2	49	4	16	3	33	11	0.2	<5	<5	<5	1.44	204	<10	81	133	50	<20	<20	4	1.12	0.39	0.68	0.09	0.41	35	3	<2	4	3	<5	<10	0.074	<1	0.17
QR05		<5	<.2	15	3	14	97	6	4	<.2	<5	<5	<5	1.30	313	<10	529	44	8	<20	<20	21	0.51	0.29	1.42	0.03	0.27	44	4	<2	<1	<1	<5	<10	<.010	2	0.23
QWR08		<5	<.2	45	<2	24	1	11	13	0.3	<5	<5	<5	2.01	647	<10	7	119	78	<20	<20	17	3.50	0.41	6.77	<.01	0.01	583	10	<2	2	4	7	<10	0.256	16	0.03

Appendix B - Geochemical Data, Tan Claims



BONDAR CLEGG



Geochemical Lab Report

REPORT: V01-01809.0 (COMPLETE)

REFERENCE:

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

SUBMITTED BY: J.R. KERR

PROJECT: TAN PROJECT

DATE RECEIVED: 17-SEP-01 DATE PRINTED: 2-OCT-01

DATE			NUMBER OF	LOWER		
APPROVED	ELEMENT		ANALYSES	DETECTION	EXTRACTION	METHOD
010920	1 Au	Au-NA03Subcontractor	21	5 PPB	NOT APPLICABLE	NEUTRON ACTIVATION
010920	2 Ir	Ir-NA03Subcontractor	21	100 PPB	NOT APPLICABLE	NEUTRON ACTIVATION
010920	3 Ag	Ag-NA03Subcontractor	21	5 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	4 Zn	Zn-NA03Subcontractor	21	200 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	5 Mo	Mo-NA03Subcontractor	21	2 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	6 Ni	Ni-NA03Subcontractor	21	20 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	7 Co	Co-NA03Subcontractor	21	10 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	8 Cd	Cd-NA03Subcontractor	21	10 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	9 As	As-NA03Subcontractor	21	1 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	10 Sb	Sb-NA03Subcontractor	21	0.2 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	11 Fe	Fe-NA03Subcontractor	21	0.5 PCT	NOT APPLICABLE	NEUTRON ACTIVATION
010920	12 Se	Se-NA03Subcontractor	21	10 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	13 Te	Te-NA03Subcontractor	21	20 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	14 Ba	Ba-NA03Subcontractor	21	100 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	15 Cr	Cr-NA03Subcontractor	21	50 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	16 Sn	Sn-NA03Subcontractor	21	200 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	17 W	W-NA03Subcontractor	21	2 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	18 Cs	Cs-NA03Subcontractor	21	1 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	19 La	La-NA03Subcontractor	21	5 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	20 Ce	Ce-NA03Subcontractor	21	10 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	21 Sm	Sm-NA03Subcontractor	21	0.2 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	22 Eu	Eu-NA03Subcontractor	21	2 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	23 Tb	Tb-NA03Subcontractor	21	1 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	24 Yb	Yb-NA03Subcontractor	21	5 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	25 Lu	Lu-NA03Subcontractor	21	0.5 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	26 Sc	Sc-NA03Subcontractor	21	0.5 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	27 Hf	Hf-NA03Subcontractor	21	2 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	28 Ta	Ta-NA03Subcontractor	21	1 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	29 Th	Th-NA03Subcontractor	21	0.5 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	30 U	U-NA03Subcontractor	21	0.5 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	31 Na	Na-NA03Subcontractor	21	0.05 PCT	NOT APPLICABLE	NEUTRON ACTIVATION
010920	32 Br	Br-NA03Subcontractor	21	1 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	33 Rb	Rb-NA03Subcontractor	21	10 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	34 Zr	Zr-NA03Subcontractor	21	500 PPM	NOT APPLICABLE	NEUTRON ACTIVATION
010920	35 Nb	Nb - XR01/A	10	2 PPM	Pressed Pellet	XRAY FLUORESCENCE

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	21	2 -150	21	CRUSH/SPLIT & PULV.	21
				RIVER ROCK CLEANING	21
				SILICA CLEANING	21

REPORT COPIES TO: MR. JOHN KERR

INVOICE TO: MR. JOHN KERR

 This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01809.0 (COMPLETE)

DATE RECEIVED: 17-SEP-01

DATE PRINTED: 2-OCT-01

PROJECT: TAN PROJECT

PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Nb PPM
T00AR		<5	<100	<5	<200	<2	<20	<10	<10	<1	0.4	3.6	19	<20	680	<50	<200	2	1	190	410	21.8	7	2	<5	<5	1.5	<2	34	16.0	21.0	0.35	<1	45	<500	>1000
T00BR		<5	<100	<5	<200	<2	68	36	<10	<1	<0.2	10.0	33	<20	940	100	<200	<2	3	370	770	33.2	11	3	<5	0.8	8.1	10	49	60.0	24.0	1.80	2	83	<500	>1000
T00CR		<5	<100	<5	220	<2	330	150	<10	<1	<0.2	>10.0	<10	<20	1100	57	<200	<2	3	120	240	14.0	4	1	<5	<5	27.0	9	4	1.4	0.9	0.54	<1	56	610	745
T00DR		<5	<100	<5	<200	2	<20	<10	<10	<1	<0.2	2.0	<10	<20	1200	86	<200	7	2	50	100	5.4	<2	<1	<5	0.5	1.3	4	14	11.0	25.0	3.50	<1	170	<500	595
T 0+09 NR		<5	<100	<5	<200	<2	<20	<10	<10	<1	<0.2	3.3	<10	<20	1100	93	<200	<2	3	160	280	14.0	5	1	<5	<5	4.2	<2	5	5.5	7.0	2.50	2	60	<500	
T 0+25 NR		<5	<100	<5	540	4	38	19	<10	<1	<0.2	3.6	<10	<20	2000	160	<200	<2	4	49	100	7.2	2	<1	<5	<5	13.0	6	1	24.0	3.8	2.10	4	110	<500	
T 0+56 NR		<5	<100	<5	<200	<2	<20	22	<10	<1	<0.2	7.3	<10	<20	990	50	<200	3	3	150	270	14.0	5	1	<5	<5	8.6	4	4	3.6	2.9	0.41	<1	59	<500	
T 0+69 NR		<5	<100	<5	<200	<2	<20	11	<10	<1	<0.2	6.6	<10	<20	790	74	<200	<2	<1	75	140	9.2	4	<1	<5	<5	20.0	4	7	3.5	4.8	1.70	<1	19	<500	
T 0+10 SR		<5	<100	<5	<200	<2	<20	28	<10	<1	<0.2	7.1	15	<20	420	74	<200	<2	<1	220	460	25.7	9	2	<5	<5	11.0	7	23	36.0	8.3	0.72	<1	18	<500	
WP111R		<5	<100	<5	<200	7	76	36	<10	<1	<0.2	7.5	<10	<20	<100	140	<200	4	8	92	190	10.0	<2	1	<5	<5	5.0	5	2	22.0	3.5	0.45	3	12	<500	
TR03		<5	<100	<5	210	<2	120	54	<10	<1	<0.2	8.5	<10	<20	280	370	<200	<2	2	20	24	3.8	<2	<1	<5	<5	44.0	<2	<1	1.0	1.6	1.70	<1	89	<500	
TR04		<5	<100	<5	340	<2	700	85	<10	<1	<0.2	10.0	<10	<20	200	810	<200	2	6	100	220	14.0	3	<1	<5	<5	25.0	8	7	13.0	3.6	0.50	<1	270	<500	
TR10		<5	<100	<5	<200	<2	49	20	<10	<1	1.6	3.5	<10	<20	2000	120	<200	2	3	41	71	4.8	<2	<1	<5	<5	16.0	3	1	12.0	4.1	0.56	<1	120	<500	
TR12A		<5	<100	<5	<200	<2	<20	<10	<10	<1	<0.2	<0.5	<10	<20	270	<50	<200	<2	<1	<5	<10	0.8	<2	<1	<5	<5	0.9	<2	<1	5.7	0.9	0.25	<1	<10	<500	17
TR12B		<5	<100	<5	<200	<2	<20	<10	<10	<1	<0.2	0.6	<10	<20	590	<50	<200	<2	<1	8	16	1.3	<2	<1	<5	<5	2.4	<2	<1	4.1	1.6	0.32	<1	18	<500	25
TR12C		<5	<100	<5	<200	<2	<20	<10	<10	<1	<0.2	3.3	<10	<20	2000	72	<200	<2	3	160	250	11.0	<2	1	<5	<5	3.8	11	6	7.7	13.0	3.70	<1	140	830	462
TR15		<5	<100	<5	<200	<2	37	15	<10	<1	0.2	>10.0	<10	<20	<100	65	<200	22	<1	210	310	8.5	3	<1	<5	<5	13.0	2	3	13.0	4.1	0.09	<1	<10	<500	
TR16		<5	<100	<5	<200	<2	<20	<10	<10	<1	<0.2	2.2	<10	<20	1500	<50	<200	<2	5	110	190	10.0	<2	<1	<5	<5	3.6	3	2	3.5	6.8	1.60	<1	130	<500	202
TR19A		<5	<100	<5	<200	<2	20	<10	<10	<1	<0.2	1.9	<10	<20	1100	<50	<200	<2	3	28	53	3.5	<2	<1	<5	<5	7.1	<2	<1	14.0	1.1	1.70	<1	54	<500	27
TR19B		<5	<100	<5	<200	<2	<20	41	<10	<1	11.0	8.1	<10	<20	520	58	<200	<2	2	86	260	10.0	3	<1	<5	<5	16.0	7	11	5.1	10.0	1.50	<1	37	510	546
TR21		<5	<100	<5	<200	<2	<20	<10	<10	10	75.7	1.0	<10	<20	750	<50	<200	<2	<1	16	21	1.8	<2	<1	<5	<5	2.3	<2	<1	16.0	1.8	0.33	4	27	<500	

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01814.0 (COMPLETE)

DATE RECEIVED: 17-SEP-01

DATE PRINTED: 2-OCT-01

PROJECT: TAN PROJECT
PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM						
T 0+00		<5	<100	<5	<200	3	<20	<10	<10			3	0.2	4.0	<10	<20			540	<50	<200	<2	4	72	170	9.2	3	<1	<5	<.5	9.1	13	3	25.0	5.6	1.20		6	130	<500	
T 0+125		<5	<100	<5	<200	<2	<20	<10	<10			2	0.2	3.1	<10	<20			620	<50	<200	<2	3	65	150	8.2	3	<1	<5	<.5	7.9	10	2	23.0	4.6	1.50		2	100	<500	
T 0+250		<5	<100	<5	<200	<2	<20	<10	<10			3	0.2	3.2	<10	<20			490	<50	<200	<2	5	72	160	9.3	2	<1	<5	<.5	8.4	11	2	24.0	4.5	1.40		5	92	<500	
T 0+500		<5	<100	<5	<200	<2	22	<10	<10	<1	<.2	1.9	<10	<20			600	59	<200	<2	3	92	180	12.0	<2	1	<5	<.5	7.2	10	2	36.0	5.4	1.30		2	70	<500			
T 0+750		<5	<100	<5	<200	<2	<20	<10	<10			2	0.3	2.8	<10	<20			620	53	<200	2	4	75	160	10.0	<2	<1	<5	<.5	8.0	10	2	25.0	4.6	1.10		4	110	570	
T 1+000		<5	<100	<5	<200	<2	<20	<10	<10			2	0.3	2.8	<10	<20			560	<50	<200	<2	5	57	120	7.9	2	<1	<5	<.5	7.0	9	1	19.0	3.8	1.50		4	69	<500	
T 0+125		<5	<100	<5	<200	<2	<20	15	<10			2	<.2	4.6	<10	<20			530	52	<200	<2	5	90	200	12.0	2	<1	<5	<.5	11.0	9	4	24.0	6.6	1.20		7	120	<500	
T 0+250		<5	<100	<5	<200	<2	60	29	<10			2	<.2	7.1	<10	<20			690	130	<200	<2	6	130	340	15.0	3	2	<5	<.5	16.0	9	10	28.0	12.0	0.88		11	190	750	
T 0+500		<5	<100	<5	<200	<2	<20	17	<10			2	<.2	5.2	<10	<20			560	67	<200	<2	4	97	260	11.0	<2	1	<5	<.5	11.0	10	5	23.0	7.8	1.10		8	96	<500	
T 0+750		<5	<100	<5	<200	<2	59	20	<10			1	<.2	5.6	<10	<20			620	94	<200	<2	7	130	330	15.0	4	2	<5	0.7	12.0	9	8	34.0	10.0	1.70		10	150	<500	
T 1+000		<5	<100	<5	<200	<2	50	<10	<10	<1	<.2	2.4	<10	<20			700	79	<200	2	2	99	200	14.0	2	2	<5	<.5	10.0	13	2	29.0	5.8	1.20		3	66	<500			
T21 0+00		<5	<100	<5	<200	<2	<20	<10	<10	<1	<.2	3.2	<10	<20			510	75	<200	<2	4	91	200	11.0	2	1	<5	<.5	10.0	11	2	25.0	7.5	1.00		10	68	570			
T21A 0+25s		<5	<100	<5	<200	<2	35	10	<10	<1	<.2	3.1	<10	<20			650	62	<200	<2	3	110	240	13.0	<2	1	<5	<.5	10.0	14	5	36.0	8.1	1.60		7	120	<500			
T21B 0+25s		<5	<100	<5	<200	<2	<20	14	<10			2	<.2	3.6	<10	<20			620	67	<200	<2	3	110	250	14.0	2	2	<5	<.5	11.0	13	3	31.0	10.0	1.20		16	81	<500	
T21 0+50s		<5	<100	<5	<200	<2	<20	15	<10	<1	<.2	3.7	<10	<20			450	52	<200	<2	3	110	290	15.0	<2	2	<5	0.5	11.0	12	2	32.0	11.0	1.00		12	62	640			
TSL01		<5	<100	<5	<200	<2	<48	17	<10			2	<.2	6.3	<10	<20			640	140	<200	<5	3	270	550	30.9	5	4	15	2.2	20.0	140	14	55.8	28.0	1.60		1	130	5400	
TSL02		<5	<100	<5	<200	<2	39	<10	<10			1	<.2	3.8	<10	<20			660	<50	<200	<2	2	73	170	15.0	2	3	16	2.3	15.0	99	5	17.0	11.0	1.80		3	130	3100	
TSL05		<5	<100	<5	<200		3	<20	11	<10			2	0.2	3.6	<10	<20			510	56	<200	<2	3	100	200	18.0	3	3	10	1.5	12.0	46	6	22.0	15.0	1.70		8	110	1600
TSL06		<5	<100	<5	<200	<2	41	<10	<10			2	<.2	3.9	<10	<20			650	82	<200	<2	4	180	380	21.6	4	3	8	1.3	13.0	37	7	29.0	15.0	1.40		6	110	1500	
TSL07		<5	<100	<5	<200	<2	<20	<10	<10			2	<.2	3.7	<10	<20			790	98	<200	<2	1	240	490	30.1	7	3	<5	0.7	17.0	20	16	56.2	18.0	1.00		2	55	900	
TSL08		14	<100	<5	210	<2	<20	11	<10			2	<.2	4.2	<10	<20			630	75	<200	4	3	150	300	20.0	3	3	10	1.5	13.0	45	7	24.0	36.0	1.70		10	110	2000	
TSL09		<5	<100	<5	<200	<2	52	12	<10	<1	<.2	5.9	<10	<20			710	81	<200	<2	3	170	370	29.2	<2	5	18	2.8	19.0	120	7	45.0	20.0	1.80		2	120	4100			
TSL13		<5	<100	<5	<200	<2	42	13	<10	<2	<.2	5.2	<10	<20	1500	180	<200	<5	4	848	1210	33.7	<4	3	<5	0.9	18.0	9	2	61.6	9.1	2.20		11	99	<500					
TSL14		<5	<100	<5	<200	<2	45	12	<10			2	<.2	3.9	<10	<20			700	84	<200	<2	4	84	190	14.0	<2	2	<5	0.5	11.0	12	2	28.0	8.6	0.77		6	71	580	
TSL15		<5	<100	<5	<200	<2	<20	13	<10			1	<.2	3.3	<10	<20			610	54	<200	<2	4	73	170	11.0	<2	1	<5	0.5	10.0	10	2	21.0	5.8	0.76		10	69	<500	
TSL17		<5	<100	<5	<200	<2	<20	11	<10	<1	<.2	3.4	<10	<20	680	74	<200	3	3	180	380	24.4	4	3	<5	0.9	14.0	22	4	47.0	13.0	1.20		5	74	820					
TSL18		<5	<100	<5	<200	<2	<20	21	<10	<1	<.2	3.3	<10	<20	740	90	<200	<2	4	120	250	18.0	2	2	<5	0.6	13.0	20	2	39.0	8.0	0.80		3	120	680					
TSL20		92	<100	<5	<200	<2	24	15	<10	<1	<.2	3.7	<10	<20	680	58	<200	<2	3	120	250	19.0	<2	2	<5	0.6	11.0	11	2	38.0	10.0	0.86		5	69	580					



BONDAR CLEGG

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: 601-01814.1 (COMPLETE)

DATE RECEIVED: 12-OCT-01

PROJECT: TAN PROJECT

DATE PRINTED: 24-OCT-01

PAGE 1 OF 1

SAMPLE NUMBER	ELEMENT UNITS	Nb PPM
S1 T 0+00		51
S1 T 0+123		33
S1 T 0+258		33
S1 T 0+508		24
S1 T 0+758		29
S1 T 1+003		21
S1 T 0+12N		134
S1 T 0+25N		305
S1 T 0+50N		169
S1 T 0+75N		173
S1 T 1+00N		41
S1 T21 0+00		50
S1 T21A 0+258		61
S1 T21B 0+258		52
S1 T21 0+508		62
T1 TSL01		18
T1 TSL02		37
T1 TSL05		126
T1 TSL06		241
T1 TSL07		440
T1 TSL08		139
T1 TSL09		55
T1 TSL13		95
T1 TSL14		22
T1 TSL15		24
T1 TSL17		35
T1 TSL18		21
T1 TSL20		18



BONDAR CLEGG

CLIENT: JOHN R. FERR & ASSOCIATES LTD.
REPORT: V01-01809.2 (COMPLETE)

DATE RECEIVED: 12-OCT-01

PROJECT: TAN PROJECT

DATE PRINTED: 23-OCT-01

PAGE 1 OF 1

SAMPLE NUMBER	ELEMENT UNITS	NO PPM	NO PPM
R2 T 0+03 NR		442	
R2 T 0+25 NR		46	
R2 T 0+56 NR		771	
R2 T 0+69 NR		>1000	1035
R2 T 0+10 SR		>1000	1052
R2 TR04		90	



BONDAR CLEGG



Geochemical Lab Report

REPORT: V01-01809.1 (COMPLETE)

REFERENCE:

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

SUBMITTED BY: J.R. KERR

PROJECT: TAN PROJECT

DATE RECEIVED: 09-OCT-01

DATE PRINTED: 12-OCT-01

DATE	APPROVED	ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
011011	1	Nb205	IC51 - Nb205	3	0.01 PCT		INDUC. COUP. PLASMA
011011	2	Ta205	IC51 - Ta205	3	0.01 PCT		INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	3	2 -150	3	CRUSH/SPLIT & PULV.	1
				RIVER ROCK CLEANING	1
				SILICA CLEANING	1

REMARKS: Please note that the Nb & Ta results were reported in %Nb205 and %Ta205.
The standard reported has an expected value of 1.36% Nb205 and 2.49% Ta205.

REPORT COPIES TO: MR. JOHN KERR

INVOICE TO: MR. JOHN KERR

This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.

REPORT: V01-01809.1 (COMPLETE)

DATE RECEIVED: 09-OCT-01

PROJECT: TAN PROJECT

DATE PRINTED: 12-OCT-01

PAGE 1 OF 2

SAMPLE NUMBER	ELEMENT UNITS	Nb205 PCT	Ta205 PCT
R2 T00BR		0.43	<0.01
R2 T00AR		0.37	<0.01
R2 TWP53		0.53	<0.01

Bondar Clegg Canada Limited

130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada

Tel: (604) 985-0681, Fax: (604) 985-1071



BONDAR CLEGG



Geochemical Lab Report

CLIENT: JOHN R. KERR & ASSOCIATES LTD.
REPORT: V01-02076.0 (COMPLETE)

DATE RECEIVED: 16-OCT-01

PROJECT: NONE GIVEN

DATE PRINTED: 22-OCT-01

PAGE 1 OF 2

SAMPLE NUMBER	ELEMENT UNITS	Nb PPM
S1 TSL-21		41

Bondar Clegg Canada Limited

130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada

Tel: (604) 985-0681, Fax: (604) 985-1071

Activation Laboratories Ltd. Work Order: 23121 Report: 22920

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	Hg ppm	Ir ppb	Mo ppm	Na %	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr %	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm
TCP-01	250	-5	-2	1400	-5	-3	15	126	-2	18.9	450	-5	-50	-20	1	-200	201	-0.2	34.7	-20	-0.2	42	172	79.9	43	325	917	1240	359
TCP-02	20	-5	-2	1000	-5	-2	10	56	-2	6.39	168	-5	-50	-20	2	-200	-50	-0.2	24.2	-20	-0.2	7	102	18.2	-4	-200	460	722	191
TCP-05	5	-5	-2	1200	-5	-2	20	115	-2	8.5	250	-5	-50	-20	2	-200	-50	-0.2	27.5	-20	-0.2	33	152	50.6	-4	-200	441	729	254
TCP-07	15	-5	-2	-200	-5	-3	22	144	-2	20.5	174	-5	-50	-20	1	703	-50	-0.2	43.1	-20	-0.2	85	275	99.9	30	-200	912	1410	445
TCP-09	20	-5	-2	-200	-5	-5	15	91	-2	24	600	-5	-50	-20	1	-285	-52	-0.4	42.7	-20	-0.2	20	298	82.6	41	-200	1260	1740	521
TCP-13	-70	-49	-11	-1200	-10	-21	-17	-67	-11	10.9	54	-20	-50	-20	1	-1380	-241	-1.8	54.6	-41	-0.3	-18	295	61.7	-18	-464	8880	8380	2970
TCP-14	-5	-5	-2	740	-5	-1	18	139	-2	15.6	25	-5	-50	-20	1	-200	71	-0.2	34.5	-20	-0.2	6	86.8	17.6	11	-200	290	494	168
TCP-17	-5	-5	-2	-200	-5	-2	11	104	-2	10.1	39	-5	-50	-20	1	-200	-50	-0.2	40.6	-20	-0.2	14	157	38	37	-200	561	850	288
TCP-20	24	-5	-2	1100	-5	-2	18	104	-2	14.1	44	-5	-50	-20	1	-200	-50	-0.2	51.5	-20	-0.2	18	120	54.6	11	-200	275	442	154
DMMAS-18-2085	865	-5	-2070	440	-5	8	62	150	-2	8.41	3	-5	-50	-20	1	-200	-50	0.9	23.2	-20	-0.2	-1	2	-0.5	20	330	14	27	23
Accepted Value-DMMAS-18B	544+-72		2020+-224	435+-150	2.5+-1.5	7+-2	58+-15	151+-20		8.05+-0.85	2+-1				0.74+-0.48		38+-10	12+-3	20.5+-3.4				1.5+-0.5		19+-2	250+-50	12.2+-1.3	23+-3	11+-3

Activation Laboratories Ltd. Work Order: 23121 Report: 22920

Sample ID	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm	Mass g
TCP-01	58.6	11.2	6	39	6.4	20.31
TCP-02	36.7	3.8	6	35.4	5.8	15.04
TCP-05	49.1	9.4	7	42.1	6.5	17.74
TCP-07	83.3	20.4	9	18.7	3.1	20.44
TCP-09	87.8	9.5	18	80.6	12.4	20.23
TCP-13	264	24.4	10	27.2	4	9.49
TCP-14	36.9	5.4	5	21.6	3.2	15.01
TCP-17	61.7	8.5	8	22.9	3.8	19.45
TCP-20	30.9	4.8	4	25.6	3.8	18.29
DMMAS-18-2085	4.3	1.3	-2	3.9	0.6	25.09

Accepted Value-DMMAS-18B 4.1+-0.5 1.2+-0.2 0.8+-0.35 3.6+-0.6 0.54+-0.05

**Appendix C - Petrographic Report, Carbonatite
Tan Claims**



Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V3A 4P9
PHONE (604) 888-1323 • FAX (604) 888-3642

webpage: www.members.home.net/vanpetro

Report 010576 for

**John R. Kerr,
John R. Kerr & Associates,
1702 - 438 Seymour Street,
Vancouver, B.C., V6B 6H4**

September, 2001

Sample: TWP-53 Carbonatite from Shushwap Complex

Summary:

Sample TWP-53 is a medium to coarse grained carbonatite dominated by calcite with disseminated apatite, tremolite, phlogopite, columbite, and pyrrhotite, and minor pyrite, garnet, and scheelite. A moderate foliation is defined by elongation of mafic grains.

**John G. Payne, Ph.D.,
Tel: (604)-597-1080
Fax: (604)-597-1080 (call first)
email: jgpayne@telus.net**

Sample TWP-53 Carbonatite: Calcite-(Apatite-Tremolite-Phlogopite-Columbite)

The sample is a medium to coarse grained carbonatite dominated by calcite with disseminated apatite, tremolite, phlogopite, columbite, and pyrrhotite, and minor pyrite, garnet, and scheelite. A moderate foliation is defined by elongation of mafic grains.

mineral	percentage	main grain size range (mm)
calcite	82-85%	0.5-2
apatite	5- 7	0.5-1.7 (a few up to 2 mm long)
tremolite	3- 4	0.5-2
phlogopite	2- 3	0.3-1.5 (one grain 3.5 mm long)
columbite	1- 2	0.3-1.2
pyrrhotite	1	0.1-0.3
pyrite	0.3	0.2-0.7
Na-amphibole	0.1	0.05-0.1
garnet	minor	0.35
scheelite	trace	0.35
chalcopyrite	trace	0.01-0.02

Calcite forms anhedral, slightly to locally moderately interlocking grains.

Apatite forms equant to prismatic grains, many of which have well rounded outlines.

Phlogopite forms anhedral flakes intergrown coarsely with calcite. The mineral is pale to light brown in colour with weak pleochroism.

Tremolite forms anhedral to subhedral, colourless, equant to prismatic grains. A few contain irregular patches up to 0.1 mm in size of a Na-amphibole with pleochroism from light to medium greenish to grayish blue. Many of these patches are along the margins of grains. They give the amphibole grains containing them a nearly black colour in the hand sample.

Columbite forms anhedral, commonly poikilitic grains intergrown with calcite, either alone, in clusters of a few grains. It is pleochroic from medium blood red to dark blood-red and nearly opaque. Anisotropism in reflected light is weak to moderate. Hardness is 5. Some grains are associated with tremolite and phlogopite. It also contains 1-3% disseminated inclusions of garnet. Although reference books list columbite as being opaque, the deep red colour has been described for tantalite, the other end member of the columbite-tantalite solid solution series, and it is probable that this colour extends to some varieties of columbite (itself containing a solid solution series between Fe and Mn).

Pyrrhotite forms disseminated, equant, interstitial grains and a few patches up to 1 mm long of a few grains. Some are altered slightly on their margins to secondary pyrite and/or hematite.

Pyrite forms disseminated anhedral grains. Some subhedral to euhedral grains from 0.03-0.1 mm in size are intergrown with pyrrhotite.

Scheelite forms one rounded grain.

Garnet forms one rounded, pale orange grain intergrown with calcite. It also occurs in two columbite porphyroblasts as disseminated, minor to moderately abundant grains (0.03-0.1 mm).

Chalcopyrite forms minor grains associated with pyrite and pyrrhotite.