2002 TECHNICAL REPORT

On work performed in the
BEAVER RIVER AREA
NTS 095C

As partial fulfillment of D Bennett's
2002 FOCUSED REGIONAL PROGRAM
under the
YUKON MINING INCENTIVES PROGRAM
Number 02-061

November 30, 2002

By
David Bennett

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

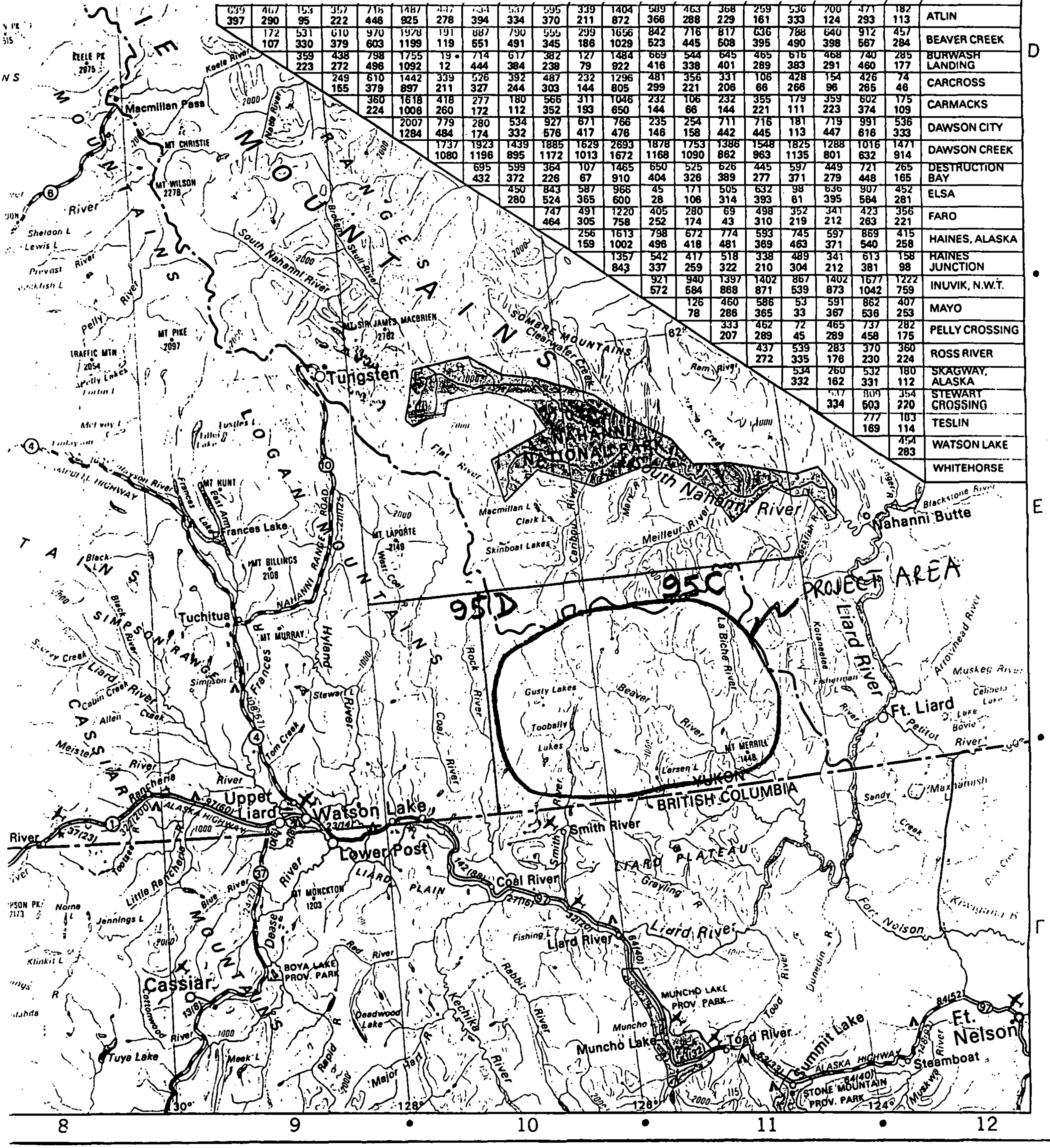


Figure 1. Project Area

The following is a summary of work performed in the Beaver River Area during 2002. Refer to Figure 1 for location of survey area.

Day	Date	Activity
1	July 3	Bought food. Drove to Ft Liard. Met Gov't geologists.
2	4	Flew into camp. Sampled.
3	5	Sampled.
4	6	Sampled.
5	7	Pick-up helicopter. Sampled with helicopter.
6	8	De-mob.

PROCEDURE.

About 20 small aeromagnetic anomalies were identified on GSC Open File 3199 as potential kimberlite targets. Most of these targets were mag highs although the polarity is immaterial as known kimberlites with magnetic signatures display both polarities. These targets were lettered and their positions plotted on a 1:250,000 topo base map of 095C La Biche River, Figure 2. Airphotographs of the area were copied from the library in Whitehorse and glacial directions were transferred to the base map. Also shown on the map are native land settlement land parcels. Sample locations, camp location and helicopter flight path were added as work progressed.

Position of bulk samples for diamond indicator analyses were selected from airphotos where landing sites along creeks could be seen down-ice from one or more airmag targets. The reasoning used was that ice moving across a target would deposit till and other glacial material down-ice from the target and be eroded into the creek to be sampled thereby leaving some concentration of indicator minerals. As volume of indicator minerals in a sample is proportional to the distance from the target, locations were chosen as close as possible to targets to be tested. Indicator minerals can show up great distances from source depending on many factors. A ten-km down-ice location is definitely close enough to produce indicator minerals if the mag anomalies were kimberlites. Much greater distances are commonly effective.

A Geological Survey of Canada Field Party working on the Central Foreland NATMAP Project under the direction of Dr Larry S. Lane was based in Fort Liard during the summer of 2002. They were setting out some of their fly camps in the general area of the survey described in this report and agreed to split helicopter costs into the area. Their help is gratefully acknowledged. On the move in, they picked up one of their field crews for return to Fort Liard. On the move out, they first set out another field crew, and then made the helicopter available for most of the day to collect bulk sediment samples on the way back to Fort Liard.

Work conducted from the field camp tested targets C, D, E and F shown on Figure 2 with three bulk sediment samples, two bulk till samples, three conventional stream sediment samples and three stream sediment samples cut from the bulk sediment samples. Work conducted on the move out involved the collection of six bulk screened sediment samples and two rock chips.

FIELD WORK.

Prospecting from one fly-camp and one day sampling by helicopter were completed in the area as a preliminary evaluation for diamonds. Bulk till and bulk screened stream sediment samples weighing about 20 kg were the sampling method used in the search for diamonds. Bulk samples also had a –80 mesh cut taken which together with some conventional stream sediment and till samples were analyzed with conventional ICP/MS – ES for multi elements in the search for base and precious metal mineralization.

17 samples were collected as follows: 2 bulk till samples, 8 bulk –~~12~~ 20 mesh samples, 3 stream sediment samples, 2 till samples, and 2 rock samples. Locations of all samples are shown on Figures 2. Detailed descriptions of all samples are provided in a copy of field notes at the back of this report.

Bulk till samples were collected from unoxidized till beneath a thin veneer of vegetation. Sample size was about 10 kg as itemized in Appendix I. Large pebbles and larger material were removed prior to placing in numbered spun polyester bags. Bulk stream sediment samples were collected from active silt and gravel bars in streams and screened through an ~~8~~ 20-mesh screen (.085 mm) into a bucket prior to being transferred into a numbered spun polyester bag. Sample size was about 20 kg as itemized in Appendix I. All bulk samples were sent to Geoanalytical Laboratories at the Saskatchewan Research Council in Saskatoon, SK where they were reduced by desliming, heavy liquid separation, and magnetic separation as shown in the sample preparation flow chart in Appendix I. Concentrates were hand picked under a binocular microscope for diamond indicator minerals.

Three stream sediment samples, Q9, Q10 and Q18 were collected by scoop from active silt in streams and placed into numbered gusseted kraft sample bags. Samples were sent to Acme Analytical Laboratories in Vancouver for analyses. A 30 gm sample of –80 mesh sediment was analyzed by ICP/ES and MS for 37 elements as described on the report sheets in Appendix II. In addition to these silts, the bulk samples described above had a –80 mesh sample removed for ICP multi-element analyses prior to being treated for diamond indicator minerals. These analyses were done at Geoanalytical Laboratories in Saskatoon by methods described on the report sheets in Appendix II.

Two till samples, Q11 and Q17, weighing about one kg each were collected from unoxidized till in holes dug by shovel and placed into numbered gusseted kraft sample bags. Samples were sent to Acme Analytical Laboratories for analyses. A 30 gm –80 mesh sample was analyzed by ICP/ES and MS for 37 elements as described on the report sheets in Appendix II. Also, the two bulk tills that were analyzed for diamond indicator minerals were also analyzed by ICP at Geoanalytical Laboratories as reported on results in Appendix II.

Two rock samples, Q5 and Q6, were taken from angular pieces of float on Crow River at sample site Y3, placed into kraft sample bags and sent to Acme Analytical Laboratories for multi-element analyses. Thirty gm samples were treated as described on report sheets by ICP/ES and MS.

Control of sample locations was by GPS and locations were plotted onto 1:250,000 and 1:50,000 topographic maps. More detailed descriptive field notes are provided at the back of this report.

RESULTS.

Float at all sample sites included angular argillite and sandstone to quartzite. Pale yellow to buff coloured rhyolite was noted at sample sites Y1 to Y5 and T2. Narrow quartz veinlets, less than 3 mm wide, were present in some specimens. Limonitic surfaces were also present on some specimens. Rhyolite was particularly abundant at Y3 where 30 to 50 percent of the float was rhyolite. GSC personnel have mapped several small bodies of trachyte immediately north of Y5 very crudely coincident with at least two of the airmag anomalies. It is possible that all of the mag anomalies are due to similar small bodies of trachyte or rhyolite that are poorly exposed or do not outcrop but exist beneath thin till cover.

Results of all bulk samples lacked any pyrope garnets. Refer to appendix of results. Two samples contained a few olivines and chromites. Y1 contained one chromite, Y6 two chromites and Y5 three olivines. Microprobe work is required to determine the composition of these grains in order to confirm their identity and compare their compositions with similar grains from the appropriate diamond stability fields. It is doubtful that kimberlites could exist in the immediate area due to the complete lack of pyropes. Lamproites could be present and be indicated by the chromites and olivines. If the chromites prove to be magnesiochromites of the right composition and the olivines prove to be high in magnesium the area could be further evaluated for diamondiferous lamproites. Tertiary basalts have been mapped on 095C/05 immediately north of the survey area and could be present in the study area and be the source of the chromites and olivines. Determination of grain compositions by microprobe would distinguish this source possibility. Association of lamproites with other highly potassic intrusions, rhyolite or trachyte in this case, is not unusual.

In the original proposal, silt sampling was not considered but was carried out to evaluate the area for precious metal mineralization. This was done because of the presence of rhyolite as float at many sample sites, long recognized as an associated rock type with numerous gold mines worldwide. None of the samples were strongly anomalous for gold, silver or pathfinder metals but sample density for this style of mineralization was low and by no means should be considered a fair test for precious metal mineralization. Two samples of rhyolite with 1-2 mm quartz veinlets were analyzed with no anomalous values for gold or pathfinder elements.

CONCLUSIONS AND RECOMMENDATIONS.

The general area of the airmag anomalies described has been fairly tested for diamond indicator minerals with no encouragement for kimberlitic source rocks. Lamproitic intrusions could be present. Microprobe work on the chromite and olivine grains collected could provide encouragement for presence of lamproitic source rocks if the compositions are appropriate. Alternatively basalts known to occur in the general area could be the source of these grains.

Precious metal mineralization related to rhyolite has been evaluated in a preliminary manner with no encouragement. This possibility remains an excellent target for further prospecting as the sample density is low for this style of mineralization.

APPENDIX I

Diamond Indicator Minerals & Flow Chart

Geoanalytical Laboratories

Saskatchewan Research Council
125-15 Innovation Blvd.
Saskatoon, SK.
S7N 2X8
Email: geochemlab@src.sk.ca

Contact: Al Holsten
Bernard Gartner

Phone: 306-933-5426
Fax : 306-933-5656

Geoanalytical Services Laboratory was established in 1972 and provides a wide spectrum of services to the mining industry. We offer standard analytical and mineral processing packages as outlined in our fee schedule. In addition, we also provide cost estimates for customized packages. This customization gives clients flexibility in their exploration programs without any additional costs. We operate 24 hours a day, 7 days a week for your convenience.

All reports are the confidential property of the clients. Publication of statements, conclusions or extracts from these reports is not permitted without the client's written permission.

This copy of results, constitutes the **final official report**. SRC's Geoanalytical Laboratories liability will be limited only to the final official report. It is the client's responsibility to ensure that all interpretation of analysis is done, using data from this report.

The client will not use the name of the Saskatchewan Research Council in connection with the sale, offer, advertisement or promotion of any article, product or company without the prior written consent of SRC.

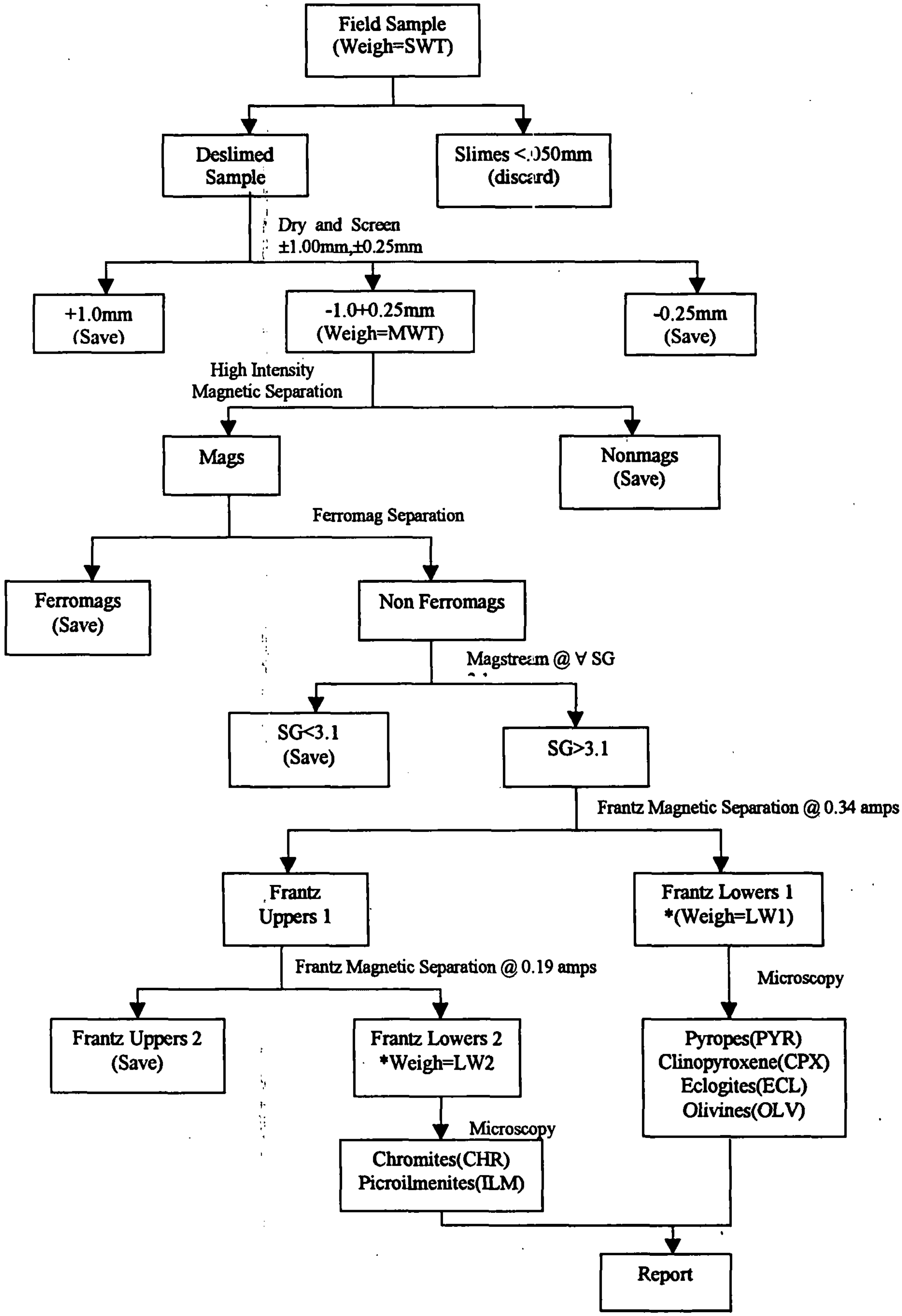
SRC's Geoanalytical Laboratories liability, if any, will be limited to the cost of performing the analysis.

Reviewed by: Penny Makin-Scott

c:\...\wpwin\wpdocs\sheets\cvrpg.wpd

SRC
technology is our business

Diamond Indicators



* These fractions are screened at ±0.50mm prior to Microscopy

technology is our business

Saskatchewan Research Council
125 - 15 Innovation Blvd
Saskatoon, SK Canada S7N 2X8
Ph 306 933 5400 Fax 306 933-7446
Internet http //www src sk ca

TO SRC CLIENTS

FROM AL HOLSTEN
MANAGER, GEOANALYTICAL
PH (306) 933-5426
FAX (306) 933-5656

RE Picking of kimberlite indicator mineral grains

Identifying and classifying kimberlite indicator minerals (KIM) can be very subjective at times Color and morphology are the main determining factors used to identify KIM Subtle differences in elemental composition can make identification much less certain We choose mineral grains that have a high probability of being KIM We also choose lower probability mineral grains that may be of significance We respectively label these minerals as "definite" (def) or "possible" (pos) To ensure that you get a completely accurate picture of the mineralogy we recommend that you analyze as many grains as possible from both the high and low probability groups The accuracy of your interpretation will be directly proportional to the number of analyses performed SRC does not accept any responsibility concerning interpretation This is the sole responsibility of the client

Please note the % picked column on the Indicator Mineral Grain Description Sheets The concentrates from each sample are observed under a binocular microscope for 2 5 hours and the percentage of the concentrate observed is recorded The overall cost of processing a sample includes 2 5 hours of observing The remainder of the concentrate may be observed but at extra cost

Saskatchewan Research Council Geoanalytical Services
125-15 Innovation Blvd , Saskatoon, SK , S7N 2X8
Phone 306-933-5426 Fax 306-933-5656

M436 RICHARDS AUGUST 9 2002 (13) [INDICATOR PROCESSING]
1 SAMPLE WEIGHT IN KG (SWT) OT02 115
2 MID FRACTION -1 00+0 25MM DRY WEIGHT IN GRAMS (MWT)
3 FRANTZ LOWERS @ 0 34 AMPS IN GRAMS (LW1)
4 FRANTZ LOWERS @ 0 19 AMPS IN GRAMS (LW2)
5 DEFINITE PYROPE GARNET GRAIN COUNT (PYR)
6 DEFINITE CLINOPYROXENE GRAIN COUNT (CPX)
7 DEFINITE PICROILMENITE GRAIN COUNT (ILM)
8 DEFINITE CHROMITE GRAIN COUNT (CHR)
9 % MAGS PROCESSED (%)

	SWT	MWT	LW1	LW2	PYR	CPX	ILM	CHR	%
C57	14 467	2187	21 495	44 075	0	0	0	0	100
C58	12 822	2085	23 416	8 865	0	0	0	0	100
C59	14 968	2307	20 714	46 530	2	0	0	0	100
T2	8 274	729	14 380	9 793	0	0	0	0	100
Y1	8 530	3844	261 32	32 850	0	0	0	0	100
Y2	9 013	1576	62 966	38 858	0	0	0	0	100
Y3	20 071	3188	177 78	140 49	0	0	0	0	100
Y4	21 432	1643	145 18	46 993	0	0	0	0	100
Y5	19 912	2390	111 32	86 780	0	0	0	0	100
Y6	18 468	2181	56 055	44 161	0	0	0	0	100
Y7	20 243	1037	121 23	15 260	0	0	0	0	100
Y8	19 632	2242	68 255	28 602	0	0	0	0	100
C57 R					0	0	0	0	

Indicator Mineral Grain Description **Group: OT02:115**

Lower 1 Fraction ☐ Preliminary Results ☑ Finalized Data P.Nowicki - Scott

REP- Repicked Sample B-Blank def-Definite pos-Possible

No.	Sample Name	pyr def	pyr pos	cpx def	cpx pos	ecl pos	olv pos	Picked %	Others picked by
1	C57	0	0	0	0	0	0	100	0
	Comments:								DR
2	C58	0	0	0	0	0	0	100	0
	Comments:								NP
3	C59	2	0	0	0	0	0	100	0
	Comments:								DR
4	T1								
	Comments:not picked for indicators								
5	T2	0	0	0	0	0	0	100	0
	Comments:								NP
6	Y1	0	0	0	0	0	0	45	0
	Comments:								LDM
7	Y2	0	0	0	0	0	0	100	0
	Comments:								NP
8	Y3	0	0	0	0	0	0	50	0
	Comments:								MM
9	Y4	0	0	0	0	0	3	90	0
	Comments:								PMS
10	Y5	0	0	0	0	0	0	100	0
	Comments:								BR
11	Y6	0	0	0	0	0	0	100	0
	Comments:								DR/MMG
12	Y7	0	0	0	0	0	0	60	0
	Comments:								CUB
	Comments:								

Y5 a final summ

Indicator Mineral Grain Description **Group: OT02:115**

Lower 1 Fraction ☐ Preliminary Results ☑ Finalized Data

REP- Repicked Sample B-Blank def-Definite pos-Possible

No.	Sample Name	pyr		cpx		ecl	olv	Picked	Others
		def	pos	def	pos	pos	pos	%	picked by
1	Y8	0	0	0	0	0	0	100	0
	Comments:								BR
2									
	Comments:								
3									
	Comments:								
4									
	Comments:								
5									
	Comments:								
6									
	Comments:								
7									
	Comments:								
8									
	Comments:								
9									
	Comments:								
10									
	Comments:								
11									
	Comments:								
12									
	Comments:								
	Repick: C57	0	0	0	0	0	0	100	0
	Comments:								MMG

Indicator Mineral Grain Description **Group: OT02:115**

Lower 2 Fraction ☐ Preliminary Results ☑ Finalized Data

REP- Repicked Sample def-Definite pos-Possible

No.	Sample Name	ilm		chr		% Picked	Others
		def	pos	def	pos		picked by
1	C57	0	0	0	0	20	0
	Comments:						DR
2	C58	0	0	0	0	100	0
	Comments:						NP
3	C59	0	0	0	0	20	0
	Comments:						DR
4	T1						
	Comments: not picked for indicators						
5	T2	0	0	0	0	100	0
	Comments:						NP
6	Y1	0	0	0	1	45	0
	Comments:						LDM
7	Y2	0	0	0	0	100	0
	Comments:						NP
8	Y3	0	0	0	0	15	0
	Comments:						MM
9	Y4	0	0	0	0	20	0
	Comments:						PMS
10	Y5	0	0	0	0	20	0
	Comments:						BR
11	Y6	0	0	0	2	20	0
	Comments:						DR/MMG
12	Y7	0	0	0	0	50	0
	Comments:						CUB
	Comments:						

Indicator Mineral Grain Description **Group: OT02:115**

Lower 2 Fraction ☐ Preliminary Results ☑ Finalized Data 8 Mar-'03 M

REP- Repicked Sample def-Definite pos-Possible

No.	Sample Name	ilm		chr		% Picked	Others
		def	pos	def	pos		picked by
1	Y8	0	0	0	0	20	0
	Comments:						BR
2							
	Comments:						
3							
	Comments:						
4							
	Comments:						
5							
	Comments:						
6							
	Comments:						
7							
	Comments:						
8							
	Comments:						
9							
	Comments:						
10							
	Comments:						
11							
	Comments:						
12							
	Comments:						
	Repick: C57	0	0	0	0	20	0
	Comments:						MMG

technology is our business

Saskatchewan Research Council
125 - 15 Innovation Blvd.
Saskatoon, SK Canada S7N 2X8
Ph: 306-933-5400 Fax: 306-933-7446
Internet: http://www.src.sk.ca

Indicator Mineral Grain Description Sheet

GROUP NUMBER	Given by lab.
SAMPLE	Sample number.
FRACTION	size of sample picked (-0.50/+0.25mm, -1.00/+0.50mm)
GRAIN TYPE	**pyr** (pyropes), **cpx** (chrome diopsides), **ecl** (eclogitic garnets), **olv** (olivines), **ilm** (picro-ilmenites), **chr**(chromites).
COLOR	pyr: **burgundy**, **red** or **purple**; cpx: **apple green** or **green**; ecl: **orange**; olv: **beige** or **yellow**; ilm and chr: **black**.
FORM	**euh** (euhedral), **sbhed** (subhedral), **anh** (anhedral).
SHAPE	**rnd** (rounded), **sbrnd** (subrounded), **sbang** (subangular) **ang** (angular).
CLARITY	**transparent, translucent, included, opaque.**
LUSTRE	**glassy, vitreous, metal** (metallic).
SURFACE FEATURE	**none, orpeel** (orange peel texture), **frosted, rough, , smooth, kelyphite.**
COMMENT	If grain is lost at any point of process or other comment.
OBSDATE	Day-month-year.
OBSERVER	Initial.

GROUP	OT02:115										
SAMPLE	FRACTION	GRAIN TYPE *	COLOR	FORM	SHAPE	CLARITY	LUSTRE	SURFACE FEATURE	COMMENT	OBSDATE	OBSERVER
Y1	-0.50/+0.25mm	chr	black	anh	sbang	opaque	metal	smooth		1/8/02	LDM
C59	-0.50/+0.25mm	def pyr	burgundy	anh	sbang	translucent	vitreous	smooth		1/8/02	DR
C59	-0.50/+0.25mm	def pyr	burgundy	anh	ang	translucent	vitreous	rough		1/8/02	BR
Y6	-1.00/+0.50mm	chr	black	anh	ang	opaque	metal	rough		6/8/02	MMG
Y6	-0.50/+0.25mm	chr	black	sbhed	sbrnd	opaque	metal	smooth		6/8/02	MMG
Y5	-0.50/+0.25mm	olv	yellow	sbhed	sbang	transparent	glassy	none		6/8/02	PMS
Y5	-1.00/+0.50mm	olv	yellow	sbhed	sbang	transparent	glassy	none		6/8/02	PMS
Y5	-1.00/+0.50mm	olv	yellow	sbhed	sbang	transparent	glassy	none		6/8/02	PMS

? Y4 on originals

Data sheet prepared by
Geoanalytical Laboratories
Saskatchewan Research Council

8/6/02
1:30 PM

APPENDIX II

ICP/MS-ES Results on silts, tills & rocks

ACME AN ICAL LABORATORIES LTD. 852 E. HASTINGS ST. V OUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604 -1716
(ISC 002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Bennett, Dave PROJECT Beaver River File # A203420
6410 Holly Park Drive, Delta BC V4K 4W6 Submitted by: Gordon Richards

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
Q9	4.02	16.26	27.56	112.0	439	33.0	13.3	399	3.05	23.3	1.9	6.0	2.2	19.8	1.01	.86	.20	43	1.82	.096	4.3	15.2	.88	370.1	.001	2	.64	.005	.06	<.1	3.5	.09	.05	70	3.7	.07	2.2	30
Q10	2.76	11.69	14.74	87.5	196	19.7	9.9	586	2.10	11.7	1.4	.5	1.9	16.1	.70	.68	.14	37	.99	.075	5.0	13.7	.45	261.2	.001	1	.62	.003	.05	<.1	2.6	.09	.05	59	2.0	.03	2.1	30
Q18	3.73	8.19	9.39	66.5	94	13.3	5.1	261	1.38	8.1	.8	.4	1.0	27.3	.70	.87	.07	31	3.44	.044	3.1	8.9	1.91	549.1	.001	2	.25	.003	.03	<.1	1.5	.07	.07	27	1.6	.05	1.0	30
STANDARD DS4	6.74	125.62	33.71	147.4	281	34.3	11.8	796	3.10	23.5	5.7	26.3	3.6	28.4	4.91	5.14	5.10	76	.53	.090	16.6	161.0	.58	139.9	.091	2	1.72	.030	.17	4.2	3.7	1.08	.06	292	1.4	.71	6.3	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT SS80 60C

DATE RECEIVED: AUG 29 2002 **DATE REPORT MAILED:** Sept 4/02 **SIGNED BY** C. L D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data___ FA ___

ACME AN ICAL LABORATORIES LTD. 852 E. HASTINGS ST. OUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604 -1716
(ISC 002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Bennett, Dave PROJECT Beaver River File # A203419

6410 Holly Park Drive, Delta BC V4K 4W6 Submitted by: Gordon Richards

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm
G-1	1.86	3.73	3.86	40.5	25	5.8	4.0	513	1.72	3.0	1.9	.4	4.2	75.9	.06	.07	.14	35
Q11	4.87	25.31	19.62	88.9	378	39.2	9.8	266	2.21	15.7	1.3	2.7	2.1	30.3	1.02	.86	.20	47
Q17	4.55	22.60	20.94	98.2	292	40.5	10.9	211	2.84	18.2	1.6	1.0	3.2	12.2	.30	.78	.27	54
STANDARD DS4	6.75	119.26	30.81	151.9	295	33.8	11.4	763	3.15	23.5	6.0	25.8	3.6	25.8	5.20	4.77	4.99	76

SAMPLE#	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	.65	.094	7.3	17.7	.53	189.6	.119	1	1.22	.069	.48	2.0	2.3	.28	<.01	<5	<.1	<.02	4.6	30
Q11	5.47	.053	5.6	17.5	3.28	210.3	.006	3	.68	.007	.07	<.1	4.6	.20	.05	103	1.8	.07	2.0	30
Q17	.31	.048	9.5	25.4	.22	368.1	.003	2	1.20	.004	.07	<.1	4.9	.16	.03	82	2.5	.06	3.3	30
STANDARD DS4	.56	.088	16.0	169.0	.59	136.6	.089	2	1.80	.031	.17	4.2	3.9	1.11	.07	289	1.4	.76	6.2	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: TILL S150 60C

DATE RECEIVED: AUG 29 2002 **DATE REPORT MAILED:** Sept 4/02 **SIGNED BY** C.L ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Bennett, Dave PROJECT Beaver River File # A203418

6410 Holly Park Drive, Delta BC V4K 4W6 Submitted by: Gordon Richards

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
SI	.20	.22	.14	.2	<2	.2	<.1	<1	.02	<.1	<.1	<.2	<.1	1.5	<.01	<.02	<.02	<2	.07	<.001	<.5	1.1	<.01	3.5	<.001	<1	.01	.248	<.01	.2	<.1	<.02	.01	<5	<.1	<.02	<.1	30
Q5	14.70	1.48	.20	436.3	20	69.0	11.5	785	5.42	.7	3.0	<.2	.6	386.6	.32	.09	.04	56	10.24	.059	1.4	28.3	3.77	571.3	<.001	1	.10	.016	.02	1.3	3.0	.04	.03	7	5.2	.03	.3	30
Q6	7.47	15.65	7.07	20.4	341	15.1	1.2	96	1.19	3.9	.4	.2	.8	186.5	.08	.49	.08	17	.29	.040	1.3	57.2	.11	282.7	<.001	7	.37	.055	.14	22.6	1.0	.04	.20	51	2.1	.07	1.3	30
STANDARD	6.64	128.57	31.70	141.5	288	34.4	11.3	757	3.25	25.1	5.9	25.2	3.5	27.4	5.02	4.89	5.10	82	.56	.091	15.8	163.8	.58	135.2	.092	2	1.81	.031	.16	4.0	4.0	1.12	.07	281	1.4	.68	6.3	30

Standard is STANDARD DS4.
GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150

DATE RECEIVED: AUG 29 2002 **DATE REPORT MAILED:** Sept 4/02 **SIGNED BY** C.L. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

Saskatchewan Research Council Geoanalytical Services
125-15 Innovation Blvd., Saskatoon, SK., S7N 2X8
Phone:306-933-5426   Fax:306-933-5656

M382 RICHARDS JULY 29 2002 (15) PG 742 [.125 G HF DIG]

1	Ag	ppm	HF/HNO3/HCLO4	ICP	OT02.115
2	Al2O3	wt %	HF/HNO3/HCLO4	ICP	
3	Ba	ppm	HF/HNO3/HCLO4	ICP	
4	Be	ppm	HF/HNO3/HCLO4	ICP	
5	CaO	wt %	HF/HNO3/HCLO4	ICP	
6	Cd	ppm	HF/HNO3/HCLO4	ICP	
7	Ce	ppm	HF/HNO3/HCLO4	ICP	
8	Co	ppm	HF/HNO3/HCLO4	ICP	
9	Cr	ppm	HF/HNO3/HCLO4	ICP	

	Ag	Al2O3	Ba	Be	CaO	Cd	Ce	Co	Cr
CG509	0.3	11.7	953	1.6	2.85	<0.2	76	8	213
C57 -250	0.2	6.16	810	0.8	2.16	0.3	63	8	61
C58 -250	0.2	10.1	597	1.5	1.44	<0.2	52	11	62
C59 -250	<0.2	9.83	700	1.5	2.12	0.5	48	13	62
T1 -250	<0.2	7.20	680	0.9	0.17	<0.2	40	4	53
T2 -250	0.5	10.3	716	1.6	6.04	0.8	44	12	89
Y1 -250	<0.2	6.36	537	1.1	2.12	0.5	37	7	61
Y2 -250	<0.2	4.11	2100	0.8	4.10	2.7	23	6	41
Y3 -250	0.5	6.08	2170	1.1	8.31	1.9	25	8	62
Y4 -250	0.3	7.33	928	1.3	1.93	0.6	43	12	61
Y5 -250	0.3	3.41	1160	0.7	3.48	2.1	20	8	48
Y6 -250	<0.2	9.13	1280	1.4	2.73	0.7	50	9	70
Y7 -250	<0.2	6.33	936	1.1	0.50	0.8	41	7	59
Y8 -250	<0.2	9.28	850	1.5	0.96	0.6	49	12	69
T1 -250 R	<0.2	7.04	650	0.9	0.17	<0.2	40	1	53

Saskatchewan Research Council Geoanalytical Services
125-15 Innovation Blvd., Saskatoon, SK., S7N 2X8
Phone:306-933-5426 Fax:306-933-5656

M382 RICHARDS JULY 29 2002 (15) PG 742 [.125 G HF DIG]

1	Cu	ppm	HF/HNO3/HCLO4	ICP	OT02.115
2	Dy	ppm	HF/HNO3/HCLO4	ICP	
3	Er	ppm	HF/HNO3/HCLO4	ICP	
4	Eu	ppm	HF/HNO3/HCLO4	ICP	
5	Fe2O3	wt %	HF/HNO3/HCLO4	ICP	
6	Ga	ppm	HF/HNO3/HCLO4	ICP	
7	Gd	ppm	HF/HNO3/HCLO4	ICP	
8	Hf	ppm	HF/HNO3/HCLO4	ICP	
9	Ho	ppm	HF/HNO3/HCLO4	ICP	

	Cu	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho
CG509	4	2.3	1.8	1.2	3.50	17	3.9	5.1	0.9
C57 -250	10	2.6	2.7	0.9	4.72	10	5.5	4.8	1.2
C58 -250	16	2.0	2.0	1.0	4.27	15	4.9	3.4	1.5
C59 -250	17	2.8	2.5	1.1	5.27	17	5.2	4.0	1.6
T1 -250	13	<0.2	1.5	0.7	3.07	12	3.2	2.4	0.6
T2 -250	30	2.5	2.1	1.1	3.98	16	5.5	2.7	1.6
Y1 -250	11	1.8	1.5	0.7	2.68	11	3.5	2.4	1.1
Y2 -250	11	1.4	1.4	0.5	2.47	10	2.8	1.5	0.9
Y3 -250	23	1.5	0.8	0.8	3.98	12	3.5	2.0	1.2
Y4 -250	16	2.6	1.8	1.0	4.35	14	4.6	3.4	1.3
Y5 -250	11	1.3	1.1	0.5	3.21	8	2.7	1.4	0.8
Y6 -250	17	2.6	2.2	1.1	3.89	16	4.6	3.0	1.6
Y7 -250	10	1.7	1.8	0.8	4.00	9	4.1	4.2	1.4
Y8 -250	18	2.5	2.0	1.1	4.67	16	5.1	3.4	1.5
T1 -250 R	13	0.3	1.8	0.6	2.99	13	3.1	2.0	0.8

Saskatchewan Research Council Geoanalytical Services
125-15 Innovation Blvd., Saskatoon, SK., S7N 2X8
Phone:306-933-5426 Fax:306-933-5656

M382 RICHARDS JULY 29 2002 (15) PG 742 [.125 G HF DIG]
OT02.115

1 K2O wt % HF/HNO3/HCLO4 ICP
2 La ppm HF/HNO3/HCLO4 ICP
3 Li ppm HF/HNO3/HCLO4 ICP
4 Lu ppm HF/HNO3/HCLO4 ICP
5 MgO wt % HF/HNO3/HCLO4 ICP
6 MnO wt % HF/HNO3/HCLO4 ICP
7 Mo ppm HF/HNO3/HCLO4 ICP
8 Na2O wt % HF/HNO3/HCLO4 ICP
9 Nb ppm HF/HNO3/HCLO4 ICP

	K2O	La	Li	Lu	MgO	MnO	Mo	Na2O	Nb
CG509	2.70	37	19	0.4	1.30	0.054	3	3.11	5
C57 -250	1.30	33	48	0.1	1.22	0.083	1	0.83	6
C58 -250	1.82	26	69	0.6	1.19	0.037	1	0.87	7
C59 -250	1.80	23	64	0.1	1.59	0.060	1	0.84	8
T1 -250	1.17	21	49	0.5	0.405	0.012	8	0.34	8
T2 -250	1.21	25	83	0.7	4.53	0.030	5	0.24	5
Y1 -250	0.921	19	55	0.5	1.46	0.023	2	0.24	4
Y2 -250	0.594	12	37	0.4	2.84	0.032	5	0.14	2
Y3 -250	0.978	15	50	0.7	6.20	0.031	7	0.21	2
Y4 -250	1.35	22	51	0.7	1.47	0.061	1	0.34	4
Y5 -250	0.522	11	33	0.4	2.43	0.036	7	0.12	1
Y6 -250	1.54	27	59	0.7	2.35	0.044	1	0.31	10
Y7 -250	0.640	22	55	0.6	0.405	0.020	3	0.09	5
Y8 -250	1.57	25	58	0.1	1.06	0.051	1	0.34	6
T1 -250 R	1.16	22	43	0.4	0.401	0.013	8	0.32	7

Saskatchewan Research Council Geoanalytical Services
125-15 Innovation Blvd., Saskatoon, SK., S7N 2X8
Phone:306-933-5426 Fax:306-933-5656

M382 RICHARDS JULY 29 2002 (15) PG 742 [.125 G HF DIG]

1	Nd	ppm	HF/HNO3/HCLO4	ICP OT02.115
2	Ni	ppm	HF/HNO3/HCLO4	ICP
3	P2O5	wt %	HF/HNO3/HCLO4	ICP
4	Pb	ppm	HF/HNO3/HCLO4	ICP
5	Pr	ppm	HF/HNO3/HCLO4	ICP
6	Sc	ppm	HF/HNO3/HCLO4	ICP
7	Sm	ppm	HF/HNO3/HCLO4	ICP
8	Sn	ppm	HF/HNO3/HCLO4	ICP
9	Sr	ppm	HF/HNO3/HCLO4	ICP

	Nd	Ni	P2O5	Pb	Pr	Sc	Sm	Sn	Sr
CG509	31	19	0.249	9	8	5	4.3	5	371
C57 -250	27	17	0.144	11	6	5	4.3	1	107
C58 -250	23	25	0.162	15	5	7	4.0	2	124
C59 -250	21	28	0.178	14	4	8	3.7	3	122
T1 -250	17	14	0.100	15	3	5	3.0	3	57
T2 -250	24	53	0.167	23	4	9	2.9	1	71
Y1 -250	17	25	0.127	11	3	5	2.6	<1	68
Y2 -250	11	16	0.117	10	1	3	<0.5	<1	48
Y3 -250	14	36	0.148	13	1	5	<0.5	<1	68
Y4 -250	20	34	0.233	13	3	6	2.7	1	69
Y5 -250	11	23	0.228	9	1	2	<0.5	<1	53
Y6 -250	23	27	0.217	13	4	7	2.8	1	87
Y7 -250	18	30	0.182	11	3	5	3.0	2	71
Y8 -250	23	30	0.241	14	4	8	3.4	2	89
T1 -250 R	18	16	0.099	15	4	5	2.7	2	57

Saskatchewan Research Council Geoanalytical Services
125-15 Innovation Blvd., Saskatoon, SK., S7N 2X8
Phone:306-933-5426 Fax:306-933-5656

M382 RICHARDS JULY 29 2002 (15) PG 742 [.125 G HF DIG]

1	Ta	ppm	HF/HNO3/HCLO4	ICP	OT02.115
2	Tb	ppm	HF/HNO3/HCLO4	ICP	
3	Th	ppm	HF/HNO3/HCLO4	ICP	
4	TiO2	wt %	HF/HNO3/HCLO4	ICP	
5	U	ppm	HF/HNO3/HCLO4	ICP	
6	V	ppm	HF/HNO3/HCLO4	ICP	
7	W	ppm	HF/HNO3/HCLO4	ICP	
8	Y	ppm	HF/HNO3/HCLO4	ICP	
9	Yb	ppm	HF/HNO3/HCLO4	ICP	

	Ta	Tb	Th	TiO2	U	V	W	Y	Yb
CG509	2	<0.3	8	0.467	6	60	12	14	1.9
C57 -250	<1	0.8	8	0.673	2	106	<1	17	2.6
C58 -250	1	0.5	8	0.452	4	113	<1	16	2.3
C59 -250	1	0.4	6	0.612	3	133	<1	19	2.9
T1 -250	1	1.2	6	0.458	5	190	<1	9	1.3
T2 -250	<1	1.1	8	0.370	5	197	<1	24	2.3
Y1 -250	<1	1.2	6	0.339	5	96	<1	12	1.8
Y2 -250	<1	1.3	3	0.224	<2	118	<1	9	1.4
Y3 -250	<1	0.7	4	0.300	7	164	<1	13	1.4
Y4 -250	1	<0.3	6	0.366	<2	90	<1	16	2.2
Y5 -250	<1	<0.3	3	0.171	<2	94	<1	9	1.4
Y6 -250	1	0.8	6	0.464	8	147	<1	17	2.5
Y7 -250	<1	0.5	4	0.342	8	123	<1	15	2.2
Y8 -250	1	0.6	6	0.478	4	138	<1	18	2.7
T1 -250 R	<1	0.7	5	0.484	4	190	<1	9	1.3

Saskatchewan Research Council Geoanalytical Services
125-15 Innovation Blvd., Saskatoon, SK., S7N 2X8
Phone:306-933-5426   Fax:306-933-5656

M382 RICHARDS JULY 29 2002 (15) PG 742 [.125 G HF DIG] OT02.115

1 Zn ppm HF/HNO3/HCLO4 ICP
2 Zr ppm HF/HNO3/HCLO4 ICP
3 Au ppb FIRE ASSAY ICP
4
5
6
7
8
9

	Zn	Zr	Au
CG509	29	203	
C57 -250	137	160	235
C58 -250	101	107	40
C59 -250	110	131	232
T1 -250	61	61	18
T2 -250	117	67	16
Y1 -250	79	75	49
Y2 -250	89	40	15
Y3 -250	146	49	97
Y4 -250	99	90	12
Y5 -250	185	35	14
Y6 -250	105	95	15
Y7 -250	107	122	1
Y8 -250	88	106	8
T1 -250 R	62	58	14

Saskatchewan Research Council Geoanalytical Services
125-15 Innovation Blvd., Saskatoon, SK., S7N 2X8
Phone:306-933-5426 Fax:306-933-5656

M383 RICHARDS JULY 24 2002 (15) [.500 G AR DIG]
OT02.115

1 Ag ppm HCL/HNO3 ICP
2 As ppm HCL/HNO3 ICP
3 Bi ppm HCL/HNO3 ICP
4 Co ppm HCL/HNO3 ICP
5 Cu ppm HCL/HNO3 ICP
6 Ge ppm HCL/HNO3 ICP
7 Hg ppm HCL/HNO3 ICP
8 Mo ppm HCL/HNO3 ICP
9 Ni ppm HCL/HNO3 ICP

	Ag	As	Bi	Co	Cu	Ge	Hg	Mo	Ni
LS3	<0.2	11	<1	38	49	<1	<1	17	52
C57 -250	0.2	7	<1	6	17	<1	<1	1	17
C58 -250	0.2	9	1	7	11	<1	<1	1	23
C59 -250	0.3	10	1	10	13	<1	<1	1	20
T1 -250	<0.2	12	<1	2	9	<1	<1	7	11
T2 -250	0.9	18	1	9	26	<1	<1	5	42
Y1 -250	0.2	8	<1	6	9	<1	<1	2	23
Y2 -250	0.5	10	<1	4	8	<1	<1	3	15
Y3 -250	0.9	13	1	6	31	<1	<1	6	32
Y4 -250	0.2	10	1	8	14	<1	<1	1	28
Y5 -250	0.6	10	<1	7	8	<1	<1	3	20
Y6 -250	0.2	9	1	7	14	<1	<1	1	23
Y7 -250	<0.2	15	<1	6	9	<1	<1	3	25
Y8 -250	<0.2	11	<1	10	18	<1	<1	1	26
T1 -250 R	<0.2	11	<1	1	9	<1	<1	7	11

Saskatchewan Research Council Geoanalytical Services
125-15 Innovation Blvd., Saskatoon, SK., S7N 2X8
Phone:306-933-5426   Fax:306-933-5656

M383 RICHARDS JULY 24 2002 (15) [.500 G AR DIG]
OT02.115

1 Pb ppm HCL/HNO3 ICP
2 Sb ppm HCL/HNO3 ICP
3 Se ppm HCL/HNO3 ICP
4 Te ppm HCL/HNO3 ICP
5 U ppm HCL/HNO3 ICP
6 V ppm HCL/HNO3 ICP
7 Zn ppm HCL/HNO3 ICP
8
9

	Pb	Sb	Se	Te	U	V	Zn
LS3	18	<1	1	<1	33	94	207
C57 -250	12	<1	<1	<1	<2	38	68
C58 -250	8	<1	<1	<1	<2	23	68
C59 -250	10	<1	<1	<1	<2	31	83
T1 -250	12	2	2	<1	<2	57	46
T2 -250	18	<1	1	<1	3	48	94
Y1 -250	9	<1	1	<1	<2	18	88
Y2 -250	7	<1	<1	<1	<2	30	74
Y3 -250	10	<1	1	<1	5	36	118
Y4 -250	11	<1	1	<1	<2	19	74
Y5 -250	7	<1	<1	<1	<2	24	101
Y6 -250	9	<1	<1	<1	<2	22	75
Y7 -250	8	<1	1	<1	<2	24	87
Y8 -250	10	<1	<1	<1	<2	29	88
T1 -250 R	12	2	1	<1	<2	56	46

APPENDIX III

Field Notes

TARGET F 93C/ Lisan Ck Area

Drop Camp off

Drop off in swamp @ 0361,507 / 6,667,748

NW SS ok 50m gentle E dip

T T – ½ bag till @ 0361300 / 6,668,312
mostly clay w/ clean angs cps
+ mod variety of pbbles
½ bag diam 361,151 / 6,668,327
much clean qtzite-SS clan flt
slightly grittier sort till

Walk top of hill area looking for oc
or clan flt. No luck. To Park.
Along strike "dyke"
0 361,837 / 6,668,144
next △ large clean SS bldrs on drumlin

Q9 Silt 0363,317 / 6,667,288
SS – ang flt all clan [10'] cut
Small ck

Found 2 creeks no silt before Q9
+ 2 more smaller ones after Q9
No oc anywhere except @ drop off.
No flt at to explain many highs

NORPAC 1-800-480-3542 · 47 Level

Target D   Declination 32°

leaving camp @ 1110

SS blders on ridge "along" ck

@ ck 0368,081 / 6,665,512

S side of E flwg major ck is OC of shale w 1-2 cm SS beds spaced 10 cm apart Gentle 10°± E'ly dip lots of joints

Float in ck includes SS — arg sed minor felsic int'?

400? 200 m downstream to sample site

Y1 15 screens full of -20 mesh

CK 5 m x 10 cm - rippling water

Mxd fines to Blders as above

North to ridge Clear rubble SS on slope

Small SS subcrop on W end small hills

Camp 0365,058 / 6,666,749   1061 m ALT

NORPAC 1-800-480-3542 – 47 Level

Target E

around swamp to N side + follow moose trail W for ~1 km to 364,546 E 916 N

328 0 m

870 creek - (passed near small sphagnum little lichen) near bend in creek

(222) 0364083 / 6,667,622

Q10 Silt / somewhat organic (+ includes till? difficult to collect. Locally derived)

T12 Good till sample low from ck w round to Clar (sed) pebbles, + cobbles. Grittier than T1. Sampled by shovel from mixd grey beneath 15 cm brown oxd±. Sub Clar cobbles include rhyolite? ⓢ one w trace hnfls ± calcite ⓢ one other w trace limonite + ⓢ 3rd w pervasive trace limonite alt± sed.

Q12 - ~~6"~~ BS Bark definite carry 5 m from T1 + Q11 pit Sampled all around

Q11 - Till sample for geochem from bottom T1 pit 56 cm deep

Retrace string line for BS bark sampling

230 Q13, BS bark definite carry mostly Engelmann + white S. 5" diam tree

NORPAC 1-800-480-3542 – 47 Level

440 Q14 4 3/4" BS bank definite cave
swampy area w no till

645 Q15 4" BS bank sphagnum area
mostly WS + ES + Tam

6
860 Q16 6 1/2" BS bank by moose trail
definite cave

Q17 till 10m away under old tip up
clay rich br-grey till

Target C from camp
$\boxed{175°}$

365,366 / 6,665,513 △ 224
Y2 bulk sample 16 shovelful of -20 mesh
5m ck x 1m - 10cm rippling
Sed flt High bank N side. No oc.
Some rhyolite bldrs. sub rnd to sub ang
Q18 stream sed

328
180
48

NORPAC 1-800-480-3542 - 47 Level

Y3 Crane River
30-50% flt is rhyolite white
w. Some fracture misty qtz
River 10m x 1m fast flowing
Very coarse sandy sample 19 shovels
full. Q5 rhyo w 1mm qtz
2 bags - 8 mesh. Q6 weakly limonitic

Y4 15 shovel - 8 mesh old
channel Mooney Ck
Much SS / bldrs
Some arg rubbly
Rare pink granite + schist
Rare rhyl

NORPAC 1-800-480-3542 - 47 Level

Y5 Langen Ck 16 large shovelsful
pebbly Sandy gravel
Coarse medium
arg - SS - 5% flt is rhyo
Some chalcedony in arg
370,988 / 6,670,202

Y6 on mouth small ck on delta
into Beaver River
Coarse gravel
17 heaping shovels full

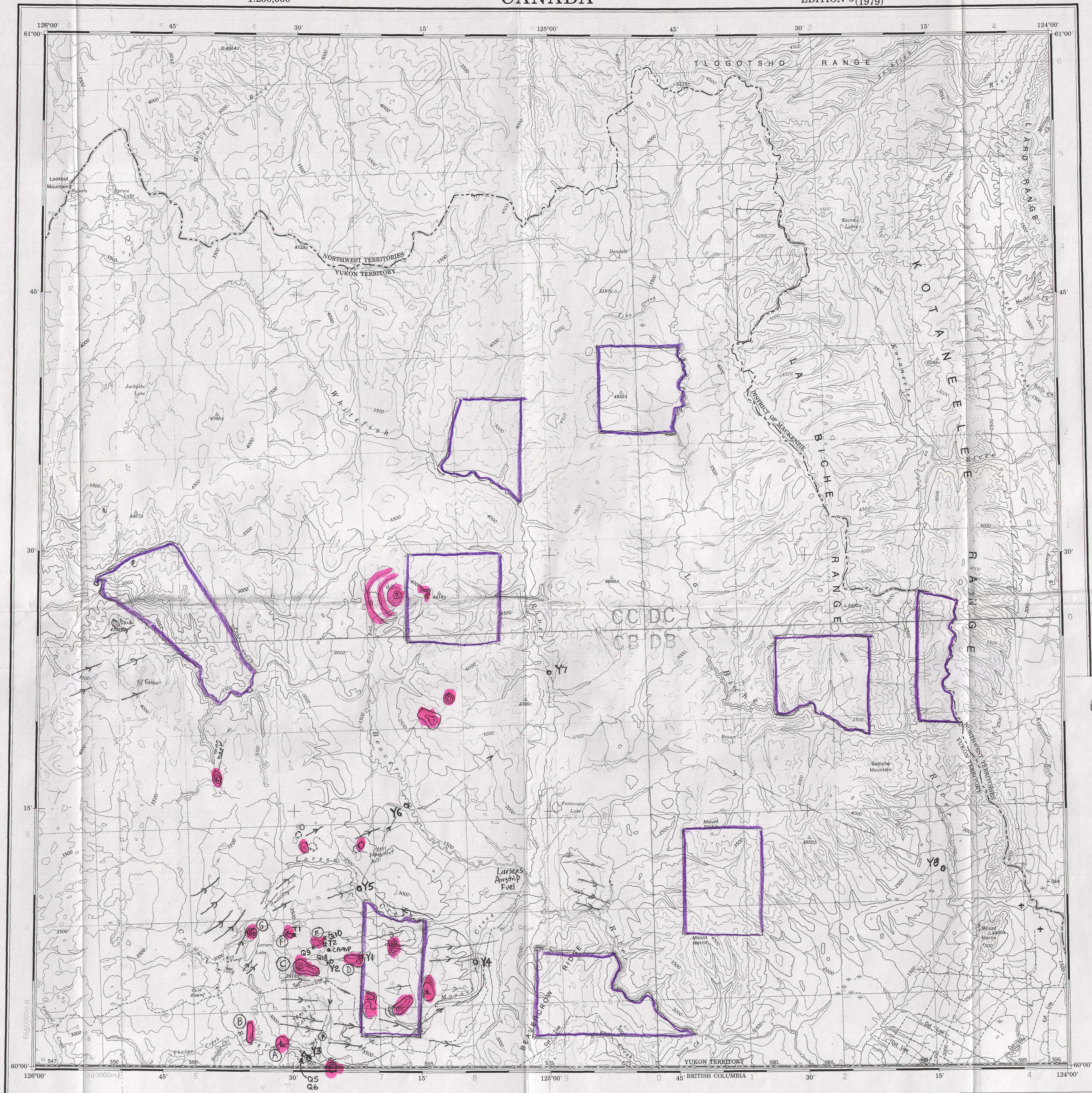
47 Whitefish River 50 m below
trib from W
in BOULDERS difficult
to sample
many fines
Brg shale OC 300 m upstream

48 more fines 15 full shovels ful.
sed rx.

NORPAC 1-800-480-3542 – 47 Level

95 C 1:250,000 **CANADA** EDITION 3 (1979) 95 C

Refer to this map as: 95 C EDITION 3 MCE SERIES A 502



CONVERSION SCALE FOR ELEVATIONS

TEN THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 10

GRID ZONE DESIGNATION	100,000 M. SQUARE IDENTIFICATION
10V	CC DC / CB DB

YMIP 02-061

Project: Beaver River Area NTS 095C (south half)

ice direction from airphotos

Ⓒ mag anomaly from GSC OF 3199
individual targets are labelled by letters

□ T1, T2 bulk till samples

○ Y1-Y8 bulk - 12 mesh creek sediment samples

x Q9, 10, 18 stream sediment sample

△ Q5, Q6 rock sample float

not shown Q11 till sample (1 kg) collected from T1 till pit
" " Q17 " " " 860m @148° from T1

helicopter flight path

outline native land settlement land parcel.

Whitefish River

RELIABILITY DIAGRAM - CROQUIS D'EXACTITUDE

A - Large scale mapping, photogrammetric, 1963, 1964 and 1969.

A - Cartographie à grande échelle, photogrammétrie, 1963, 1964, et 1969.

Produced, 1969, by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. Printed 1971.

Magnetic declination 1971 varies from 32°28′ easterly at centre of west edge to 32°27′ easterly at centre of east edge. Mean annual change 4.8′ westerly.

For complete reference see reverse side.

Interim corrections 1979.

Copies may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, or your nearest map dealer.

LA BICHE RIVER

YUKON TERRITORY - NORTHWEST TERRITORIES

Scale 1:250,000 Échelle

Miles 5 0 5 10 15 20 Milles

Kilometres 5 0 5 10 15 20 25 30 Kilomètres

CONTOUR INTERVAL 500 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

~~Copies may be obtained from the Map Distribution Office Department of Energy, Mines and Resources, Ottawa~~

ÉQUIDISTANCE DES COURBES 500 PIEDS
Élévations en pieds au-dessus du niveau moyen de la mer
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

~~Ces cartes sont en vente au Bureau de distribution des cartes ministère de l'Énergie, des Mines et des Ressources, Ottawa~~

Établie en 1969, par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Imprimée en 1971.

La déclinaison magnétique pour 1971 varie de 32°28′ Est au centre de la limite Ouest à 32°27′ Est au centre de la limite Est. Variation moyenne annuelle 4.8′ Ouest.

Pour une liste complète des signes, voir au verso.

Corrections Provisoires 1979.

Ces cartes sont en vente au Bureau des Cartes du Canada, ministère de l'Énergie, des Mines et des Ressources, Ottawa, ou chez le vendeur le plus près.

Index to adjoining Maps of National Topographic System
Tableau d'assemblage du Système national de référence cartographique

(1979) LA BICHE RIVER 95 C EDITION 3