

6044

GEOCHEMICAL REPORT

on the

SLIDE 39-44, 100 CLAIMS  
CAMPVIEW CIRQUE  
FORSTER CREEK AREA  
GOLDEN MINING DIVISION, B.C.

for

CANADIAN JOHNS-MANVILLE CO. LTD.  
Box 1500, Asbestos, Quebec.

by

CANADIAN JOHNS-MANVILLE CO. LTD.  
#9-219 Victoria St., Kamloops, B.C.

82K/9W

Report by:

*L.W. LeRoy*

L.W. LeRoy, B. Sc.

C.J.M. Project: 407

Work Period: August 8-19, 1976.

Endorsed by:

Report Date: October, 1976.

*H.K. Conn*

H.K. Conn, P. Eng.

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

NO.

6044

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## SUMMARY

The discovery of slightly radioactive boulders in Campview Cirque during reconnaissance stream sediment surveys by Company personnel in the fall of 1969 led to the tentative outlining of a N-S radioactive zone following a brief two day scintillometer prospecting and rock grab sampling program in August, 1973.

The follow-up work carried out during August, 1976 and reported herein consisted of soil/talus fines sampling and scintillometer prospecting with some rock chip sampling along four roughly parallel traverses across the strike of the proposed zone. The broad radioactive zone was not verified, but rather there appear to be a number of narrow zones or lenses containing anomalous uranium and/or rare earth concentrations and associated biotite enrichments, possibly related to fractures, within the coarse grained quartz monzonite of the Horsethief Stock.

## INTRODUCTION

This report describes initial follow-up surveys on the Canadian Johns-Manville Slide 39 to 44 and Slide 100(6 units) mineral claims. In the fall of 1969, moderately radioactive boulders were discovered at the head of Campview Cirque during reconnaissance stream sediment surveys by Company personnel. During the 1973 field season, two men spent two days in the area attempting to trace these boulders to a bedrock source utilizing a scintillometer. (See J.R. Kerr report - September, 1973). A broad radioactive zone trending roughly N-S was tentatively identified, and eight rock samples(CV-1 to CV-8) were taken from a few of the more radioactive biotite-rich lenses which, in some cases, seemed to be related to fractures. One of these rock samples was assayed at 0.44 lbs/Ton U(0.52 lbs/Ton Uranium Oxide), and another sample was anomalous in rare earths(6.4 lbs/Ton Cerium, 5.0 lbs/Ton Lanthanum, 1.26 lbs/Ton Thorium). Recommendations made by Kerr included the acquisition of additional ground to the north of Campview Cirque, testing the continuity of the broad radioactive zone using a scintillometer, and additional sampling of the most radioactive rock. The first recommendation was carried out with the staking of the 6 unit Slide 100 claim in early February, 1976. The geochemical follow-up described in this report was carried out during August 8-19, 1976.

The Slide claims are located 18 air miles due west of Radium and south of the head of Forster Creek. The Index Map is a reproduction of the northeast corner of the 1:250,000 Lardeau(82K) map sheet, and shows the location of the Slide claims as well as the outline of the 1:5,000 property map. The Slide 100 legal corner post may be reached by truck via a logging road up Forster Creek from Radium. It is possible, but very difficult, to climb by foot from here to Campview Cirque, so that access to this area is best attained by helicopter.

3

Golden Golden 32m

4

560000m E.

116°00'

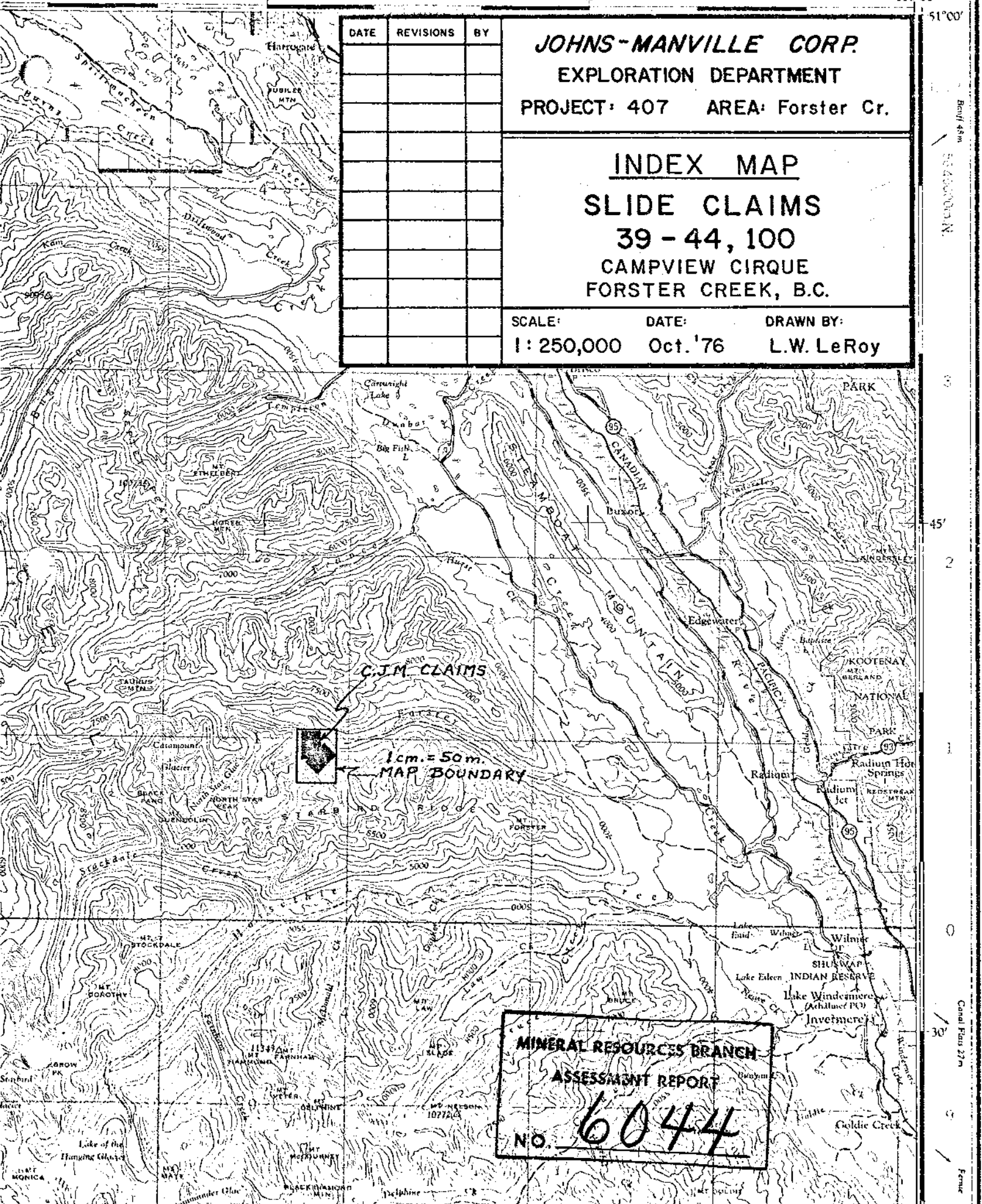
51°00'

DATE	REVISIONS	BY

**JOHNS-MANVILLE CORP.**  
**EXPLORATION DEPARTMENT**  
**PROJECT: 407 AREA: Forster Cr.**

**INDEX MAP**  
**SLIDE CLAIMS**  
**39 - 44, 100**  
**CAMPVIEW CIRQUE**  
**FORSTER CREEK, B.C.**

SCALE: DATE: DRAWN BY:  
**1 : 250,000 Oct. '76 L.W. LeRoy**



**MINERAL RESOURCES BRANCH**  
**ASSESSMENT REPORT**  
**NO. 6044**

Brief 48m  
 560000m N.  
 45'  
 2  
 1  
 0  
 30'  
 5  
 Fence

## PHYSIOGRAPHY AND GENERAL GEOLOGY

The physiography and geology of the area are well documented in previous Company reports by H.K. Conn and C.P. Lin (1971), K. Schrijver (1971), and J.R. Kerr (1973), and also in the G.S.C. Memoir 369 by J.E. Reesor (1973). The Slide claims are situated in the rugged Purcell Mountains at elevations between 5000 and 8200 feet ASL. The sides of Campview Cirque are very steep, with many near vertical cliffs which are separated by steep chutes of loose talus. The floor of the cirque is entirely covered by thick accumulations of blocky quartz monzonite talus. Scattered fir and spruce trees cling to the cliff areas, while the talus slopes are free of vegetation. Several snow patches near the head of the cirque persist throughout the summer months.

The claims are totally underlain by a portion of the Horsethief Stock of Cretaceous age. Bedrock is mainly porphyritic (pink to purple K-feldspar phenocrysts) coarse grained biotite quartz monzonite, with numerous aplite dikes and quartz veins, and a rock resembling fine grained granite is present on the east rim of the cirque. Fractures often contain quartz, biotite, muscovite, and sometimes pyrite, calcite, K-feldspar, sericite, and iron oxides. The prominent joint orientations are  $20^{\circ}$ - $40^{\circ}$  and  $110^{\circ}$ - $130^{\circ}$ , with dips between  $0^{\circ}$ - $90^{\circ}$  east and west.

## FIELD METHODS

The surveys described in this report were carried out by the writer and one geological assistant. An orientation to the property was provided by J.R. Kerr, and most of the traverses were conducted from a fly camp located within Campview Cirque. Helicopter support was used for installing and removing the fly camp, the orientation visit, and also for work on the west ridge of the cirque. As the 1:5,000 map accompanying this report was not available at the time of the field work, all traverses had to be located by chain and compass/altimeter methods and later plotted on the new map which was produced in September. The old Slide 39-44 claims were tied in to the topography and the current sample sites. The 1973 sample sites could not be found and hence their positions relative to the present sites are uncertain and are not replotted on the new map.

After a day of unsuccessfully trying to locate the 1973 sample sites and the broad radioactive zone, the following survey methods were decided upon. As continuous traverses across the cirque walls would be too dangerous, if not impossible, traverse lines were selected at the base of and top of the cliffs on both sides of the cirque. These are also the best places to find the finer fraction talus fines and B-horizon soils, and good rock exposure is available here as well. The B-horizon soils and talus fines samples were collected at 30 meter intervals, and the scintillometer readings were recorded at  $7\frac{1}{2}$  meter intervals. (See data sheets in Appendix 4). In general, rock chip samples were taken where radioactivity exceeded twice background, that is, over 500 counts per second on our Scintrex BGS-1S Scintillation Counter. The soil and rock sample locations are shown on Map 1. A brief description of each of the 14 rock samples is given in Appendix 3.

## SURVEY RESULTS

The scintillometer survey results as shown on Map 4 are actually averages in pairs of the original readings to avoid crowding. The actual readings are entered in their entirety on the field data sheets included in Appendix 4. The soils and rock samples were shipped to the North Vancouver laboratories of Bondar-Clegg & Company Ltd. where the sample preparation and the Mo, U and V analyses were performed. Splits of the rock pulps were forwarded to their Ottawa laboratories for the Th, Ce, La, and Nb determinations. Weighed portions of the -80 mesh fractions of the soils were leached in hot aqua regia to extract the Mo, which was then determined by atomic absorption methods, and uranium was analysed by reflectance fluorimetric procedures following a hot concentrated nitric acid leach and fusion with sodium lithium fluoride to produce a pellet. The rock samples were crushed and splits were pulverized to -100 mesh. The Mo and U were determined as described above, while vanadium was determined by atomic absorption spectrophotometry following a nitric/perchloric/hydrochloric acid extraction. The -100 mesh material shipped to Ottawa was compressed to form a pellet for the determinations of Th, Ce, La, and Nb by X-ray fluorescence.

The Mo and U contents in soils are entered on the data sheets in Appendix 4 and are plotted on Maps 2 and 3, respectively. Arithmetic means and standard deviations were calculated to serve as a rough guide to anomalous values, as tabled on the maps. A fairly close correlation exists between the anomalous Mo and U distribution, as was evident from the results of previous surveys carried out over the Horseshief Stock. The rock chip sampling was guided by the scintillometer readings, so that the distribution of these samples, shown on each map, coincides with the anomalous radioactivity. This distribution and the associated uranium contents are sufficient to account for the anomalous U values in soils. The rock geochemistry is presented in the table on Map 1. Although none of the U values approach ore grade, samples CVR-76-4, 5, 7, 8, 9, 11, and 12 average 53 ppm (0.13 lb/Ton uranium oxide), which is



over 4x the background value of approximately 10 ppm as estimated from the 1973 sampling. Two zones are tentatively proposed and are shown, larger than scale, on Map 1. The western zone comprises samples CVR-76-7,8,9,11, and 12, and has anomalous uranium but low rare earth values, while the more speculative eastern zone, including samples CVR-76-4,5,13, and float sample CVR-76-14, has good rare earth values associated with moderately high uranium values. The rare earth values average 0.68 lb/Ton Th, 3.13 lbs/Ton Ce, and 2.10 lbs/Ton La. Vanadium and niobium are also higher in this eastern zone.

## DISCUSSION

The radioactive zones as located by scintillometer and as represented by the rock geochemistry presented in the table on Map 1, are visually identifiable in the field as narrow zones, two feet or less in width, of higher biotite content within the quartz monzonite. The biotite flakes usually increase in abundance toward the central part of each zone, where there may or may not be a fracture line visible. Occasionally the zone is exposed along a major joint face. The biotite found in these zones is black, with a submetallic lustre, and is quite magnetic. Magnetite was not positively identified, but it is likely that the biotite either contains inclusions of magnetite or has been partly replaced by magnetite. The western zone of anomalous uranium without good rare earth values, does not exhibit these biotite concentrations.

The low molybdenum values in rocks taken from the radioactive biotite-rich zones leave the origin of the soil Mo anomalies in doubt. Although good soil values are located in the same general area as the uranium-rich zones, it is more likely that the molybdenum is to be found within quartz veins, aplite dikes, or along fractures.

It is evident from the results obtained from the 1973 and 1976 rock sampling that the surface exposures of the radioactive zones are well below ore grade in all the elements tested. It is the writer's opinion that even if the uranium content is better at depth due to less leaching, the zones would still be uneconomic because each is too narrow (and possibly also too discontinuous) for selective higher grade mining, and they are too widely separated for lower grade mass mining methods. It is possible that the geometry seen at the surface may become more favourable with depth, but in the lack of evidence to support this speculation, the diamond drilling required to verify it is not advisable. One area that may be of further interest is north from the CVR-76-13 site, which appeared to be the widest zone discovered and where leaching may have been greater due to the ridge top location of the rocks sampled.

COST STATEMENT

(1) WAGES & FEES:

a) Lynn LeRoy - senior geologist 12 days @ \$60.00/day . . . . .	\$ 720.00
b) David Field - junior geologist 12 days @ \$50.00/day . . . . .	600.00
c) John Kerr - Professional Engineer Consulting services, Aug.8-10, including travel time, truck mileage, food, and accomodation. . . . .	<u>600.00</u>
	\$ 1,920.00

(2) FOOD & ACCOMODATION:

a) In Radium - 2 men x 6 days x \$25.00/man day. . . . .	300.00
b) In Camp - 2 men x 6 days x \$10.00/man day . . . . .	<u>120.00</u>
	420.00

(3) TRANSPORTATION:

a) Company truck (CMC 4x4) - Total of 760 miles @ \$0.20/mile . . . . .	152.00
b) Bell Jet Ranger - Okanagan Helicopters 5.5 hours @ \$315.00/hour . . . . .	1,732.50
Fuel and oil charges . . . . .	<u>105.76</u>
	1,990.26

(4) ANALYTICAL WORK:

a) 115 soil samples for Mo,U @ \$3.35/sample . . . . .	385.25
b) 14 rocks for Mo,U,Th,Ce,La,Nb,V @ \$15.25/sample . . . . .	<u>213.50</u>
	479.00

(5) REPORT:

a) Interpretation and writing . . . . .	350.00
b) Drafting and compilation . . . . .	150.00
c) Secretarial and reproduction . . . . .	<u>100.00</u>
	600.00


TOTAL COSTS . . . . . \$ 5,409.26

STATEMENT OF QUALIFICATIONS

I, Lynn William LeRoy, of Kamloops, B.C., do hereby certify that;

1. I am an exploration geologist employed by Canadian Johns-Manville Company, Limited, # 9 - 219 Victoria Street, Kamloops, B.C.
2. I graduated from Carleton University at Ottawa, Ontario with a Bachelor of Science in Geology, 1968.
3. I am a member of the following professional associations:
  - a) Geological Association of Canada
  - b) Association of Exploration Geochemists
  - c) Canadian Institute of Mining and Metallurgy
4. I have practiced continuously in exploration geology/geochemistry since graduation in May, 1968.
5. This report is based on published and unpublished material, and on my own observations. The costs reported herein are, to the best of my knowledge, correct.

October, 1976.  
Kamloops, B.C.

  
\_\_\_\_\_  
L.W. LeRoy, Geologist,  
Canadian Johns-Manville Co., Ltd.

STATEMENT OF QUALIFICATIONS

I, Herbert Murray Keith Conn, of the city of Denver, Colorado, do hereby declare that:

1. I am a Mining Geological Engineer employed as Director of Exploration for Johns-Manville Sales Corporation, Ken-Caryl Ranch, Denver, Colorado 80217.

2. I have practised in the geological profession for twenty-five years and specialized in economic geology and exploration procedures for the past twenty-four years.

3. I am a graduate of the University of Toronto, Toronto, Ontario, with a degree of B.A.Sc. (Mining Geology) 1948.

4. I am a member of the following professional associations:

- (a) Corporation of Engineers of Quebec
- (b) Non-resident member of the Association of Professional Engineers of the Province of British Columbia
- (c) Fellow of the Geological Association of Canada
- (d) Fellow of the Society of Economic Geologists
- (e) Member of the C.I.M.M.
- (f) Member of the A.I.M.E.

5. I supervised the exploration program conducted on this property.

6. This report is based on published and unpublished information.

*H.K. Conn*

*H.K. Conn*

H.K. Conn, P.Eng., Director of Exploration  
Johns-Manville Sales Corporation





**Johns-Manville  
Sales Corporation**

Ken-Caryl Ranch  
Denver, Colorado 80217

H. Keith Conn  
Vice President  
Director of Exploration  
Mining Group

October 25, 1976

TO WHOM IT MAY CONCERN

**THE ENGINEERING PROFESSION IN BRITISH COLUMBIA  
NON-RESIDENT LICENCE**

My stamp shows an expiry date of January 28, 1975.

My Non-Resident licence is, however, up to date, and actual expiry date is January 28, 1977. Expiry date on the stamp was not altered to conform with the date on the enclosed licence.

H.K. Conn  
Director of Exploration

## ROCK SAMPLE DESCRIPTIONS

- CVR-76-1: (400-600 cps) Two inch wide magnetic biotite-rich zone along a joint surface (strike @  $40^{\circ}$ -dip vertical). Chip sample, 1 foot along surface of the joint.
- CVR-76-2: (400-650 cps) Two inch wide zone similar to above, (strike @  $0^{\circ}$ -dip  $80^{\circ}$ E), is traceable for 50 feet. Grab sample from surface.
- CVR-76-3: (400-600 cps) Chip sample across a two foot wide patch or zone of magnetic biotite-rich quartz monzonite. No fracture evident. Nearby fractures have K-alteration with muscovite.
- CVR-76-4: (350-600 cps) Chip sample across 18 inch wide mag. biotite-rich zone with many K-feldspar phenocrysts.
- CVR-76-5: (350-650 cps) Chip sample across 18 inch wide zone very similar to that at CVR-76-4.
- CVR-76-6: (350-750 cps) Small exposure of silicified rock composed of K-feldspar, quartz and minor biotite.
- CVR-76-7: (600-1500 cps) Chip sample over  $3\frac{1}{2}$  feet along joint face (strike @  $160^{\circ}$ - dip  $76^{\circ}$ E). Biotite-rich zone within 3 feet of here but no obvious biotite enrichment where sampled.
- CVR-76-8: (300-600 cps) Chip sample across 10 inch wide zone which is likely a continuation of CVR-76-7 zone across narrow chute, as it is very similar to it.
- CVR-76-9: (600-800 cps) Chip sample,  $3\frac{1}{2}$  feet along joint face @  $120^{\circ}$ - dip  $80^{\circ}$ W. Some biotite enrichment.
- CVR-76-10: (500-600 cps) Chip sample, 2 feet along joint face @  $20^{\circ}$ - dip  $70^{\circ}$ - vertical. Crowded K-feldspar crystals and more biotite.
- CVR-76-11: (300-600 cps) Chip sample, 2 feet diagonally across 10 inch wide zone of slight biotite enrichment.
- CVR-76-12: (300-600 cps) Chip sample, 18 inches diagonally across an extension of CVR-76-11 zone. Biotite with pyrite and sericite.
- CVR-76-13: (300-800 cps) Chip-grab sample taken from several large quartz monzonite blocks on a ridge top believed to be roughly in place. Magnetic biotite-rich zone may be up to 10 feet wide @  $140^{\circ}$ .
- CVR-76-14: (300-500 cps) Grab sample taken from magnetic biotite-rich zone within a quartz monzonite boulder near Welch Creek.

# The Engineering Profession in British Columbia


THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF BRITISH COLUMBIA

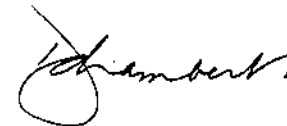
## NON-RESIDENT LICENCE

THIS IS TO CERTIFY that Mr. HERBERT MURRAY KEITH CONN is hereby authorized to engage temporarily in the practice of Professional Engineering within the Province of British Columbia, from the date of January 28, 1976 to the date of January 28, 1977 inclusive, in accordance with the terms of the Engineering Profession Act of the Province and the By-Laws of the Association.

Given under our hand and seal

this 4th day of February 19 76

 President.

 Registrar.







## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: L.W.L. & DEFAREA: Slide Claims, Camp View CirqueDATE: Aug. 12, 1976PROJECT: 407LOCATION REF: Forester Creek, Radium, B.C.

SAMPLE NO.	LOCATION	DIP/GRACE SLOPE CPS	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS (ppm)				
									Mo	U			
	112 1/2 m @ 250°	170						fine gr'd aplite to fine gr'd granite					
CVS- 76-5	120 m @ 250°	200			B/3"	orange brn.	sandy silt	PQM of ridge top	14	2			
	127 1/2 m @ 230°	210											
	135 m "	210											
	142 1/2 m "	230											
CVS- 76-6	150 m @ 230°	220			4/4"	"	"	PQM just west off ridge top	12	2			
								→ 50' offset to South					
	157 1/2 m @ 250°	240											
	165 m "	230											
	172 1/2 m "	230											
CVS- 76-7	180 m @ 250°	210			9/2"	"	"	PQM ridge top	2	2			
	187 1/2 m @ 210°	200											
	195 m "	200											
	202 1/2 m "	190											
CVS- 76-8	210 m @ 210°	240			4/3"	med. brn.	"	PQM ridge Top	4	2			









## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: LWH & DEFAREA: Slide Claims, Camp View CirqueDATE: Aug. 12, 1976PROJECT: 407LOCATION REF: Forester Creek, Radium, B.C.

6

SAMPLE NO.	LOCATION	DRAINAGE -SLOPE CPS	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS ppm			
									M <sub>0</sub>	U		
CVS 76-19	30m @ 0°	280			1/4"	med. brn.	sand to clay		9	7		
	37 1/2 m @ 20°	280										
	45m "	270										
	52 1/2 m "	260										
CVS- 76-20	60m @ 20°	280			1/7"	"	"	PQM base of cliffs	31	36		
	67 1/2 m "	260										
	75m @ 20°	280										
	82 1/2 m @ 60°	260										
CVS 76-21	90m @ 60°	250			1/7"	dk. brn.	"	PQM base of cliffs (spot of 400 cps)	20	20		
	97 1/2 m @ 50°	260										
	105m "	270	small chute edge chute					450 cps on talus piece w/ extra biotite o/c base PQM cliffs				
	112 1/2 m @ 50°	260										
CVS 76-22	120m @ 10°	240			1/6"	med. brn.	"	" " " " " " " " some pyrite on fractures	13	16		
	127 1/2 m @ 10°	400										
	135m @ 20°	400 to 600	CVR-76-1					biotite rich o/c over 650 cps ≈ 15 feet				



# CANADIAN JOHNS-MONVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: LWL + DEF

AREA: Slide Claims, Camp View Cirque

DATE: Aug 12, 1976

PROJECT: 407

LOCATION REF: Forester Creek, Radium, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE CPS	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Mo	U		ppm	
	142½m @ 40°	270											
CVS 76-23	150m @ 40°	270°			¼"	med. brn.	sandy coarse	¼ PQM base of cliffs	15	24			
	157½m @ 70°	310											
	165m "	310											
	172m "	250											
CVS 76-24	180m @ 70°	280			½"	grey brn.	"	West side small talus gully. East side gully	9	110			
	187½m @ 40°	240											
	195m "	270											
	202½m "	280											
CVS 76-25	210m @ 40°	260			¼"	some dk + orange brn.	"	¼ PQM	17	57			















## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: LWL + DEFAREA: Slide Claims, Camp View CirqueDATE: Aug 14, 1976PROJECT: 407LOCATION REF: Forester Creek, Radium, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE CPS	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									M <sub>o</sub>	U		ppm	
	105m @ 55°	280											
	112½m "	360											
VS- 76-42	120m @ 55°	300			1/8"	dk. brn.	Coarse some org.	max 350 cps PQM	23	92			
	127½m "	270											
	135m "	280											
	142½m "	270											
VS- 76-43	150m @ 55°	270			1/4"	med. brn.	Sandy silt	PQM - narrow 1" zone of 500-600 cps Fe oxide stains	13	34			
	157½m @ 30°	250											
	165m "	270											
	172½m "	270											
VS- 76-44	180m @ 30°	280			1/4"	"	"	PQM g/c	11	12			
	187½m @ 40°	270											
	195m "	290											
	202½m "	340											
CVS- 76-45	20m @ 40°	350	CVR-96-4		1/4"	"	"	600 cps max.	10	19			



## CANADIAN JOHNS-MONVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: LWL & DEFAREA: Slide Claims, Camp View CirqueDATE: Aug. 14, 1976PROJECT: 407LOCATION REF: Forester Creek, Radwin, B.C.

SAMPLE NO.	LOCATION	DEPTH CPS	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS ppm				
									M <sub>o</sub>	U			
	217 $\frac{1}{2}$ m @ 15°	280											
	23.5m "	350											
	232 $\frac{1}{2}$ m "	400	up to 650 cps at 230m CVR-76-5										
CVS 76-46	240m @ 15°	300	up to 400		1/4"	dk. brn.	sandy silt		19	62			
	247 $\frac{1}{2}$ m @ 85°	250											
	255m "	250											
	262 $\frac{1}{2}$ m "	270											
CVS- 76-47	270m @ 85°	270			1/4"	med. brn.	"	PQM o/c	8	12			
	277 $\frac{1}{2}$ m @ 75°	260											
	285m "	280											
	292 $\frac{1}{2}$ m "	290											
CVS- 76-48	300m @ 75°	280			1/5"	dk. brn.	sandy	PQM o/c max. 400 cps	3	14			
	307 $\frac{1}{2}$ m	270											
	315m	280											
	322 $\frac{1}{2}$ m @ 75°	280											













## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: LWL + DEFAREA: Slide Claims, Camp View CirqueDATE: Aug 15, 1976PROJECT: 407LOCATION REF.: Forester Creek, Radium, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE CPS	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS					
									M <sub>6</sub>	TJ		ppm		
	135m @ 50°	240												
	142½m "	250	-east edge talus chute											
CVS- 76-63	150m @ 50°	240			B/4"	orange brn.	Sandy silt	PQM % (in trees)	3	8				
	157½m "	250												
	165m "	250												
	172½m "	240												
CVS- 76-64	180m @ 50°	250			ε/5"	lt. brn.	"	PQM % (in trees)	2	1				
	187½m @ 50°	260												
	195m @ 55°	250												
	202½m "	250												
CVS- 76-65	210m @ 55°	240			ε/4"	orange brn.	"	PQM % (in trees)	5	5				
	217½m @ 30°	250												
	225m "	230												
	232½m "	230												
CVS- 76-66	240m @ 30°	270			ε/4	lt. brn.	course to silt	PQM % (in trees) sheer strike 90° dip 26°N	3	3				















## CANADIAN JOHNS-MONVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

25

COLLECTOR: LWL + DEFAREA: Slide Claims, Camp View CirqueDATE: Aug. 17, 1976PROJECT: 407LOCATION REF.: Forester Creek, Radium, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE CPS	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Mo	U			
	105m @ 305°	300											
	112 1/2 m	300											
CVS 76-84	120m @ 305°	340			t/3"	med. brn.	sandy silt	PQM chute not as deep	5	6			
	127 1/2 m @ 300°	280											
	135m "	230											
	142 1/2 m "	250											
CVS 76-85	150m @ 300°	220			t/6"	dk. brn.	"	PQM ok + boulders	3	3			
	157 1/2 m @ 310°	230											
	165m "	250	chute widens										
	172 1/2 m "	230											
CVS- 76-86	180m @ 310°	220			t/7"	red brn.	"	PQM o/c	2	7			
	187 1/2 m @ 295°	240						blocky talus					
	195m "	300- 600cps	CVR-76-11										
	202 1/2 m "	300											
CVS- 76-87	210m @ 295°	300	500 to 600 cps over 6" band CVR-76-12		bc/5"	grey brn.	"	PQM % + talus	8	3			







## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: LWL + DEFAREA: Slide Claims, Camp View CirqueDATE: Aug 18, 1976PROJECT: 407LOCATION REF.: Forester Creek, Radium, B.C.

SAMPLE NO.	LOCATION	DENSITY SCORE cps	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Mo	U		ppm	
	165m @ 230°	200											
	172½ m "	210											
CVS-76-95	180m @ 230	210			9/4"	orange brn.	sandy silt	POM %	1	6			
	Start of CVS-76-89												
CVS-76-89	0m								4	5			
	7½m @ 45°	220											
	15m "	230											
	22½m "	230											
CVS-76-96	30m @ 45°	210			9/3"	med brn.	coarse to silt	POM %	3	5			
	37½m @ 40°	220											
	45m "	200											
	52½m "	200											
CVS-76-97	60m @ 40°	230	SE side ridge		8/4"	red brn	silt	POM %	4	7			
	67½m "	240											
	75m @ 40°	280	(peak of 460 cps)										





## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: LWL + DEFAREA: Slide Claims, Camp View CirqueDATE: Aug 18, 1976PROJECT: 407LOCATION REF.: Forester Creek, Radium, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS ppm				
									Mo	U			
	195m @ 60°	230											
	212½m "	220											
CVS-76-102	210m @ 60°	220			c/4"	med. brn.	coarse to silt	PQM %	1	2			
	217½m @ 70°	220											
	225m "	230											
	232½m "	230											
CVS-76-103	240m @ 70°	280			B/6"	orange brn.	sandy silt	PQM %	1	4			
	247½m @ 45°	300	420 cps peak										
	255m "	280											
	262½m "	280											
CVS-76-104	270m @ 45°	250			c/5"	"	coarse to silt	PQM %	ND	2			
	277½m @ 50°												
	285m "												
	292½m "												
CVS-76-105	300m @ 50°				c/4"	"	sandy silt	PQM %	ND	7			

} 230 to 300 in blocky talus









## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: LWL & DEFAREA: Slide Claims, Camp View CirqueDATE: Aug 18, 1976PROJECT: 407LOCATION REF.: Forester Creek, Radium, B.C.

SAMPLE NO.	LOCATION	DISTANCE DIP GPS	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS					
									Mo	U		ppm		
	532 1/2 m @ 80°	240												
CVS-76-113	540 m @ 80°	240			C/5"	orange brn.	sandy silt	PQM % on ridgeline	2	4				
	547 1/2 m @ 50°	340												
	555 m "	300												
	562 m "	250												
CVS-76-114	570 m @ 50°	280			C/4"	dk. brn.	coarse to fine	PQM cliffs	1	6				
	577 1/2 m "	230												
	585 m "	230												
	592 1/2 m "	230												
CVS-76-115	600 m @ 50°	250			C/5"	med. brn.	sand to clay	PQM cliffs	4	2				
	607 1/2 m @ 60°	250												
	615 m "	240												
	622 1/2 m "	240												
	630 m "	250												
	637 m @ 60°							The End.	ND	1				

Station  
CVS-76-80

Appendix 4

SURVEY DATA SHEETS

Appendix 3

ROCK SAMPLE DESCRIPTIONS

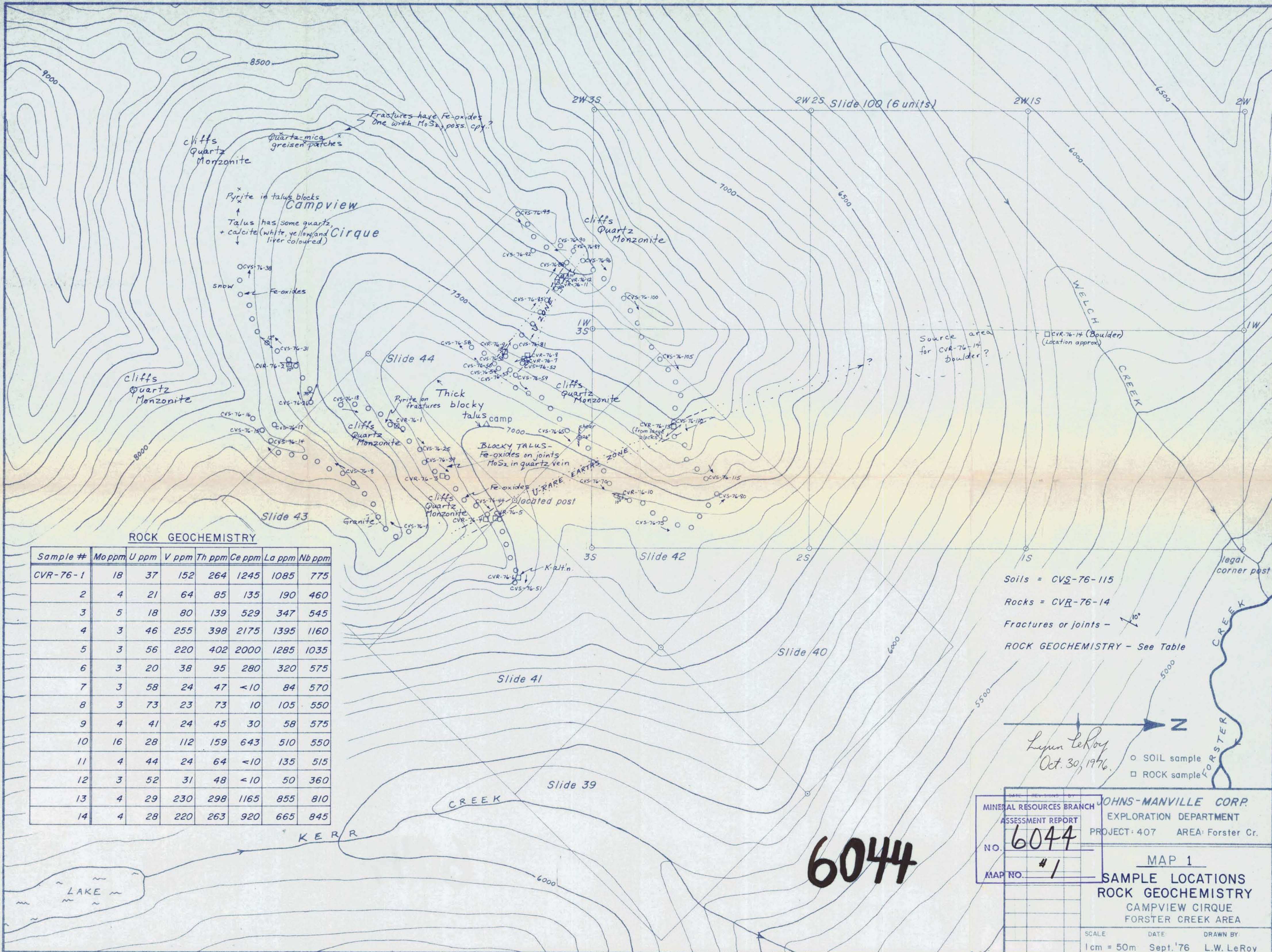
Appendix 2

STATEMENTS OF QUALIFICATIONS

Appendix 1

COST STATEMENT





ROCK GEOCHEMISTRY

Sample #	Moppm	U ppm	V ppm	Th ppm	Ce ppm	La ppm	Nb ppm
CVR-76-1	18	37	152	264	1245	1085	775
2	4	21	64	85	135	190	460
3	5	18	80	139	529	347	545
4	3	46	255	398	2175	1395	1160
5	3	56	220	402	2000	1285	1035
6	3	20	38	95	280	320	575
7	3	58	24	47	<10	84	570
8	3	73	23	73	10	105	550
9	4	41	24	45	30	58	575
10	16	28	112	159	643	510	550
11	4	44	24	64	<10	135	515
12	3	52	31	48	<10	50	360
13	4	29	230	298	1165	855	810
14	4	28	220	263	920	665	845

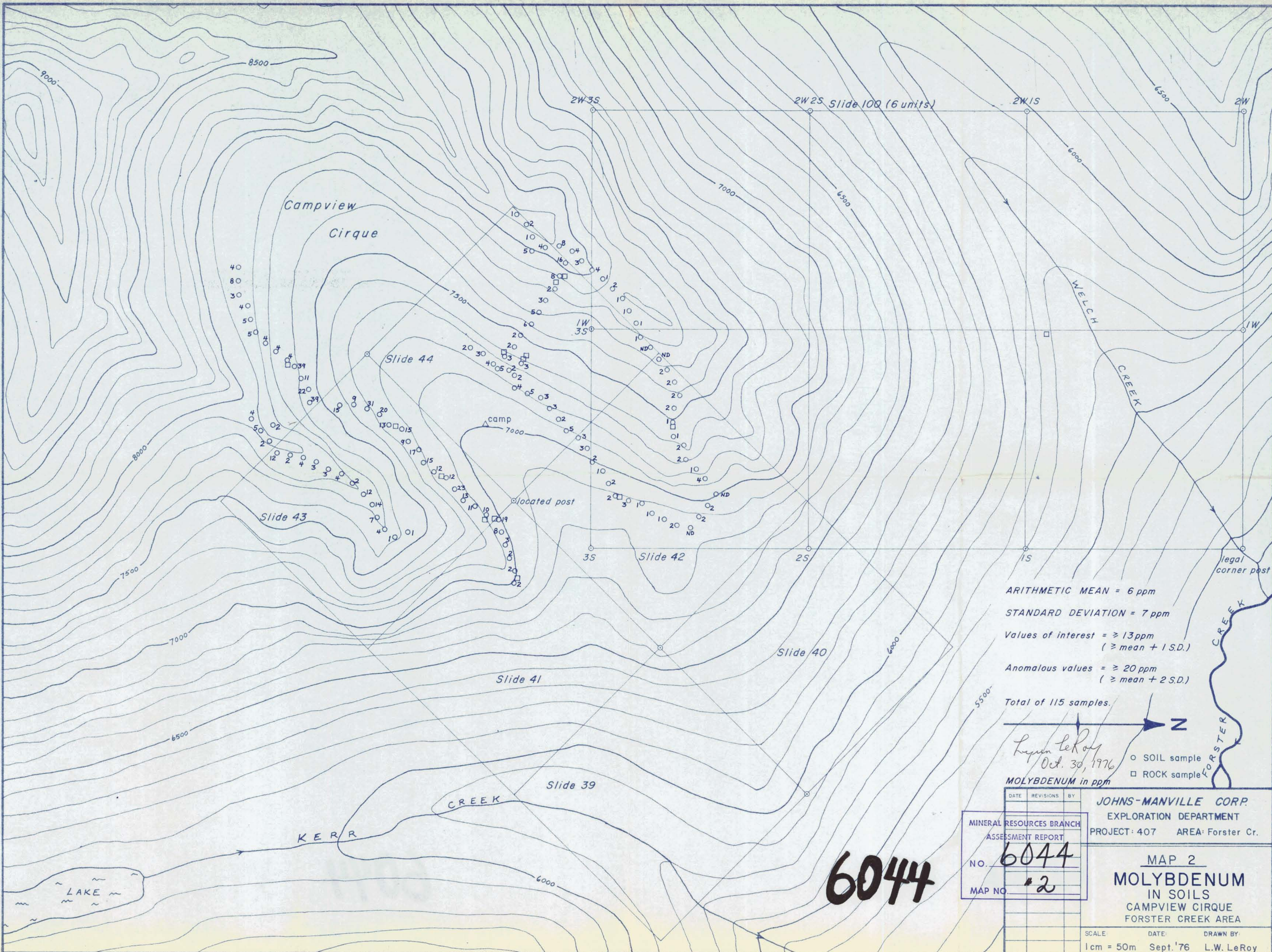
Soils = CVR-76-115  
 Rocks = CVR-76-14  
 Fractures or joints -   
 ROCK GEOCHEMISTRY - See Table

Lynn LeRoy  
 Oct. 30, 1976.

○ SOIL sample  
 □ ROCK sample

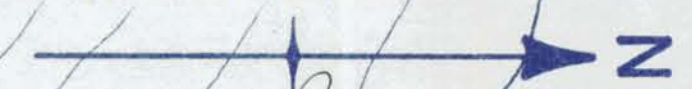
MINERAL RESOURCES BRANCH	JOHNS-MANVILLE CORP.
ASSESSMENT REPORT	EXPLORATION DEPARTMENT
NO. 6044	PROJECT: 407 AREA: Forster Cr.
MAP NO. #1	MAP 1
	SAMPLE LOCATIONS
	ROCK GEOCHEMISTRY
	CAMPVIEW CIRQUE
	FORSTER CREEK AREA
SCALE: 1cm = 50m	DATE: Sept. '76
	DRAWN BY: L.W. LeRoy





ARITHMETIC MEAN = 6 ppm  
 STANDARD DEVIATION = 7 ppm  
 Values of interest =  $\geq 13$  ppm  
 ( $\geq$  mean + 1 S.D.)  
 Anomalous values =  $\geq 20$  ppm  
 ( $\geq$  mean + 2 S.D.)

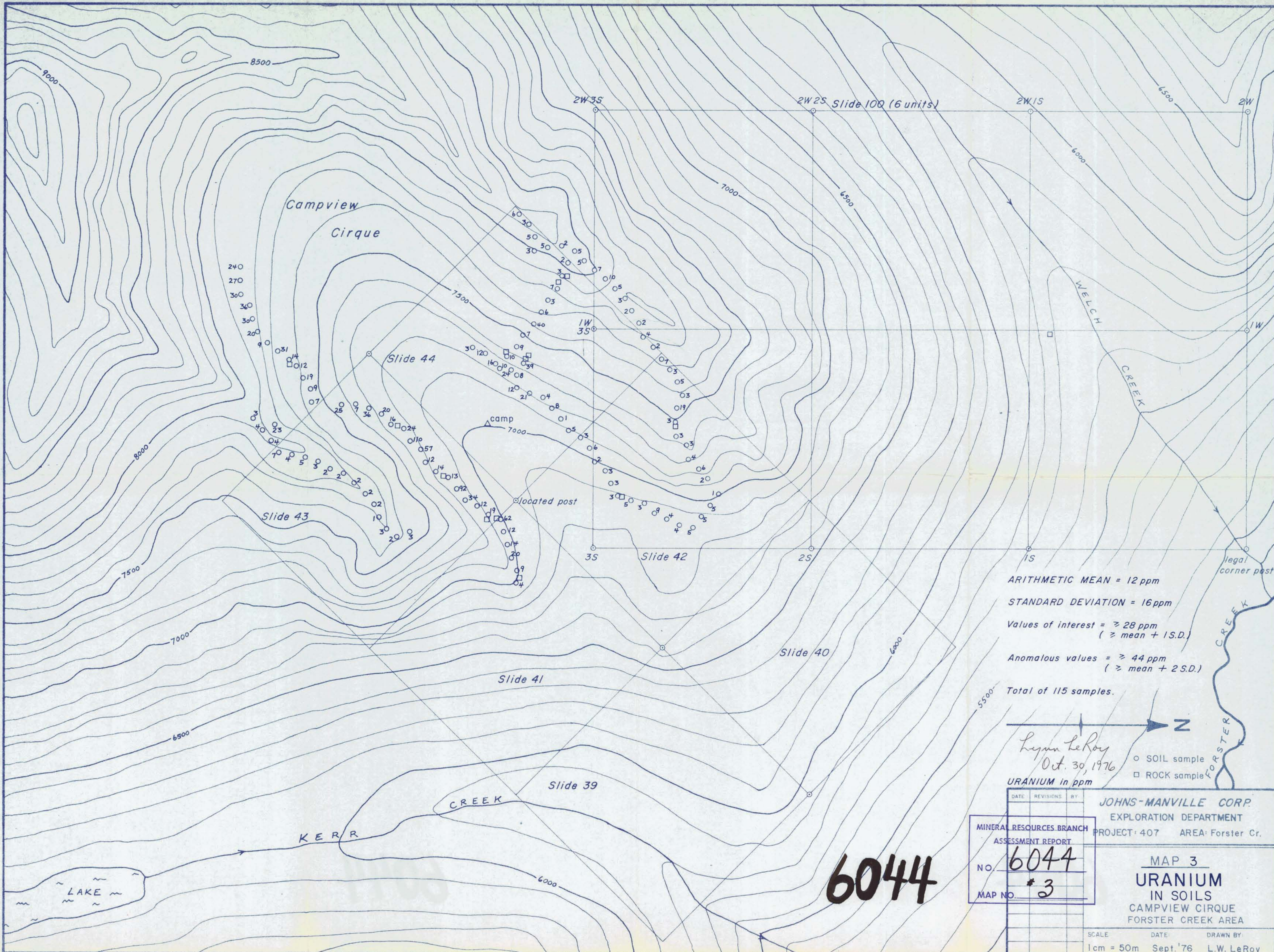
Total of 115 samples.



*L. W. LeRoy*  
 Oct. 30, 1976  
 MOLYBDENUM in ppm  
 ○ SOIL sample  
 □ ROCK sample

MINERAL RESOURCES BRANCH			JOHNS-MANVILLE CORP.		
ASSESSMENT REPORT			EXPLORATION DEPARTMENT		
PROJECT: 407			AREA: Forster Cr.		
NO. 6044			MAP 2		
MAP NO. #2			MOLYBDENUM		
			IN SOILS		
			CAMPVIEW CIRQUE		
			FORSTER CREEK AREA		
SCALE:	DATE:	DRAWN BY:			
1cm = 50m	Sept. '76	L.W. LeRoy			





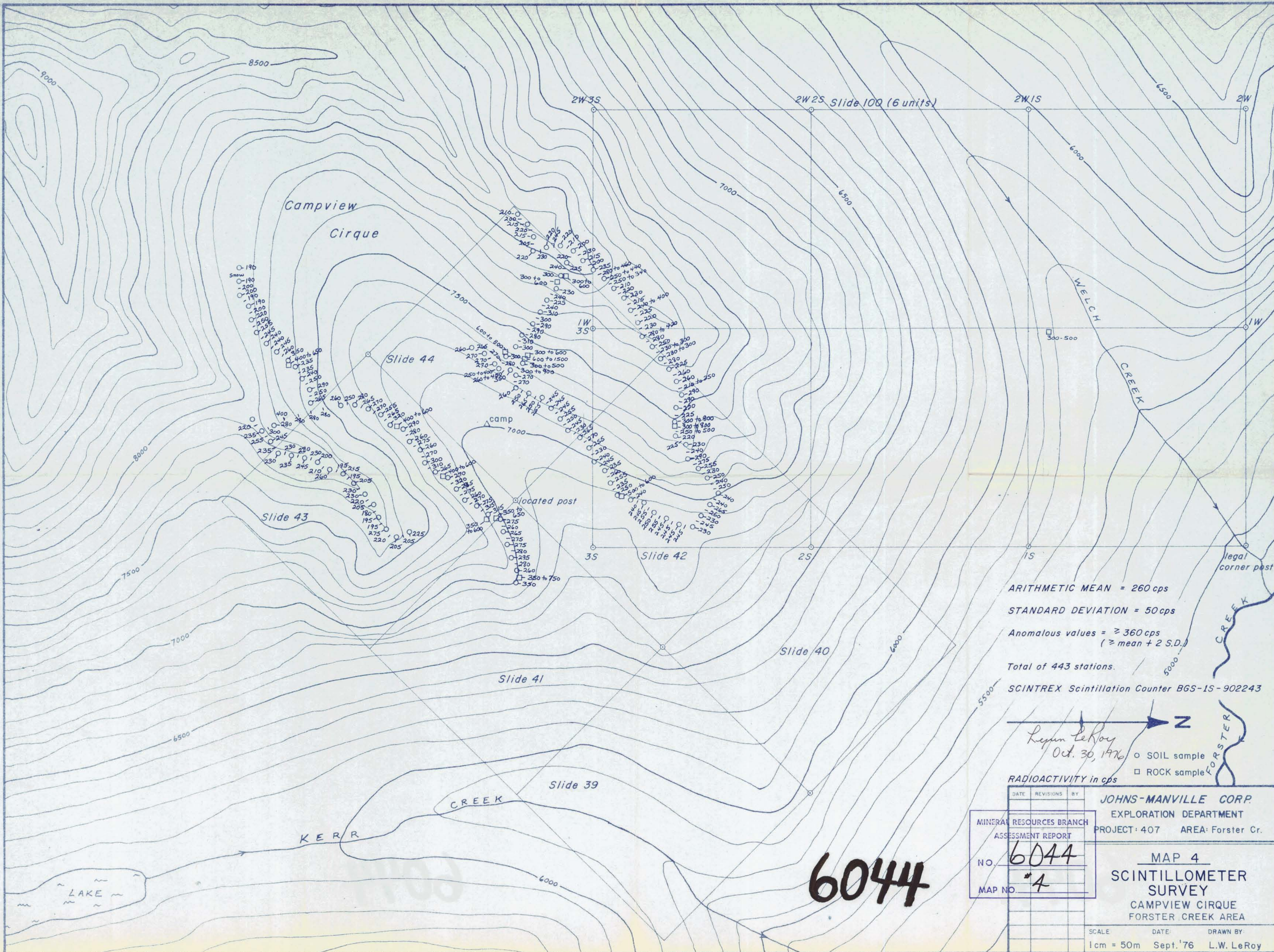
ARITHMETIC MEAN = 12 ppm  
 STANDARD DEVIATION = 16 ppm  
 Values of interest =  $\geq 28$  ppm  
 ( $\geq$  mean + 1 S.D.)  
 Anomalous values =  $\geq 44$  ppm  
 ( $\geq$  mean + 2 S.D.)  
 Total of 115 samples.

L. W. LeRoy  
 Oct. 30, 1976  
 URANIUM in ppm

DATE	REVISIONS	BY	JOHNS-MANVILLE CORP.
			EXPLORATION DEPARTMENT
MINERAL RESOURCES BRANCH			PROJECT: 407 AREA: Forster Cr.
ASSESSMENT REPORT			
NO.	6044		
MAP NO.	#3		
SCALE	DATE	DRAWN BY:	
1cm = 50m	Sept. '76	L.W. LeRoy	

**6044**





ARITHMETIC MEAN = 260 cps  
 STANDARD DEVIATION = 50 cps  
 Anomalous values =  $\geq 360$  cps  
 ( $\geq$  mean + 2 S.D.)  
 Total of 443 stations.  
 SCINTREX Scintillation Counter BGS-1S-902243

Legun LeRoy  
 Oct. 30, 1976  
 RADIOACTIVITY in cps  
 ○ SOIL sample  
 □ ROCK sample

DATE	REVISIONS	BY	JOHNS-MANVILLE CORP. EXPLORATION DEPARTMENT PROJECT: 407 AREA: Forster Cr.
MINERAL RESOURCES BRANCH ASSESSMENT REPORT			<b>MAP 4</b> <b>SCINTILLOMETER SURVEY</b> CAMPVIEW CIRQUE FORSTER CREEK AREA
NO.	6044		
MAP NO.	#4		
SCALE	DATE	DRAWN BY	
1cm = 50m	Sept. '76	L.W. LeRoy	

**6044**