MAR 19780004: SAND POINT

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URANERZ EXPLORATION AND MINING LTD. YEARLY REPORT FEBRUARY 1978 QUARTZ MINERAL EXPLORATION PERMITS #193 and #194 ALBERTA THIEL/RICH/HARMESON /9780004 URANERZ EXPLORATION AND MINING LTD.

YEARLY REPORT

QUARTZ MINERAL EXPLORATION PERMITS

NO. 193 and 194 ALBERTA

FEBRUARY 1978

DR. K. LEHNERT-THIEL JOHN RICH BRUCE HARMESON LA RONGE, SASKATCHEWAN

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La Ronge	ASSESS	Alberta	Pe	Permif: 194		
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Date	Description	of Work - Men On Job		Record		
May 22	Lake water and sec	liment sampling				
1977	Samples taken from	n helicopter		lab rpt		
	18 combined sample	25		map #1		
Aug.16	prospecting,		T4-1	map #2		
Aug.16	prospecting,	T4-2		map #2		
Aug.17	prospecting,		T4-3	map #2		
Aug.17	prospecting,	T4-4		map #2		
Aug.18	prospecting,		T4-5	map #2		
Aug.18 .	prospecting,	T4-6		map #2		
Aug.19	prospecting,		т4-7	map #2		
Aug.19	prospecting,	T4-8		map #2		
Aug.20	prospecting,	T4-9		map #2		
Aug.20	prospecting,		T4-10	map #2		
Aug.21	prospecting,		T4-11	map #2		
Aug.21	prospecting,	T4-12		map #2		
Aug.28	prospecting,		T4-13	map #2		
Aug.30	prospecting,	T4-14		map #2		
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LIST OF MAPS

Map #1 LR41-0378-03 Lake Sample Results and Locations Scale 1:50,000

Map #2 LR41-0378-05 Prospecting Traverses - Location Map Sand Point Area, Alberta Permits 193 and 194 Scale 1:32,000 (approximately)

Map #3 LR41-0378-04 General Geológy Sand Point Area, Alberta Permits 193 and 194 Scale 1:32,000 (approximately)

1. INTRODUCTION

1.1 AREA OF INVESTIGATION

Target of investigation was the northwest rim of the Athabasca sandstone basin between Shelter Point and Sand Point, Alberta.

1.2 PURPOSE OF INVESTIGATION

To locate uranium deposits of supergene or hypogene origin associated with the Helikian unconformity.

1.3 TIME OF INVESTIGATION

Permit	193:	May 22 - 23	1977
		August 22-September 1	1977
Permit	194:	May 22	1977
		August 16-September 1	1977

1.4 PERSONNEL

The following Uranerz personnel were employed in the field during 1977:

Β.	Harmeson	project geologist
м.	MacMahon	geologist
J.	Fraser	jr. geologist
Ι.	Charles	prospector
W.	Roberts	prospector
s.	Roberts	prospector
G.	Roberts	prospector
Ρ.	Charles	prospector
W.	McLeod	prospector
s.	McLeod	prospector
D.	McLeod	prospector

1.5 INSTRUMENTS

- 11 scintillometers, SRAT SPP-2
- 1 lake sediment sampler, Ekman standard

1.6 AIRCRAFT

Fixed wing aircraft from Uranium City were used for mobilization and logistic purposes. A G-4A helicopter chartered from Athabasca Airways, Prince Albert, Saskatchewan, was used to provide crew transport within the survey area.

2. GENERAL INFORMATION

2.1 LOCALITY

The area of investigation comprises 80.29 square kilometres, centred approximately at:

Latitude 58⁰ 55' N Longitude 110⁰ 45' W

2.2 COMMUNICATION AND ACCESS

During the summer months, boats and float equipped aircraft provide ready access. During the winter, ski equipped aircraft and snowmobiles can be used. Heavy freight and supplies can be transported to the area via various barge services which connect Lake Athabasca to the rail head at Fort McMurray, Alberta.

Single side band tranceivers provide radio communication with the operational base in Uranium City.

2.3 TOPOGRAPHY

Lake Athabasca has an elevation of 700 feet above sea level. The country is rugged except for the region along the shoreline which is covered by sand plains, raised beaches and swamps.

2.4 CLIMATE

The climate is extreme continental with temperatures in winter to -60° C and $+30^\circ$ C in summer.

2.5 VEGETATION

Jackpine and spruce are abundant.

2.6 POPULATION AND LAND USE

No settlements are located within the area of investigation.

2.2

2.7 WATER RESOURCES

Lake Athabasca plus numerous inland lakes are adequate for float plane operations, drinking water and diamond drilling operations.

2.8 MAGNETIC DEVIATION

The magnetic deviation is 26° east.

3. PREVIOUS SURVEYS AND ACTIVITIES

3.1 TOPOGRAPHIC MAPPING

The area is covered by National Topographic System sheet 74 L Fort Chipewyan Scale 1:250,000

Airphotos may be obtained from the Alberta Research Council in Edmonton, Alberta. Photos covering the area of investigation are:

A	20699	4	6	
		-	7	
		-	36	
		-	49	
		-	50	
		-	77	
		4	78	
		-	153	
		-	154	
A	20644	-	5	
		-	4	

3.2 GEOLOGICAL MAPPING

Alberta -

G.S.C. Map 12 - 1960, Fort Fitzgerald

J.D. Godfrey 1959, Aerial Photographic Interpretation of Precambrian Structures of Lake Athabasca. Research Council of Alberta, Geology Division, Bulletin 1.

3.3 GEOPHYSICAL SURVEY

The area is covered by aeromagnetic maps 1:63,360, surveyed by Canadian Aero Service Ltd., in 1961, as part of the Federal Provincial program for aeromagnetic coverage of the Precambrian Shield. The lines were flown at an altitude of 1,000 feet at half mile intervals.

3.4 ASSESSMENT WORK

The area of investigation was subject to repeated exploration work starting in the early fifties. Very little positive information can be gathered from the old files, the only important one being the report on the uranium mineralized float found near Fidler Point, Alberta.

Two assessment submissions covering these permits, dated April 1976 and April 1977, have been submitted to the Alberta government by Uranerz Exploration and Mining Ltd.

TENURE POSSIBILITIES

4.

According to the mineral regulations in Alberta quartz mineral permits and claims can be acquired at the present time.

Permits 193 and 194 were held under joint venture disposition during 1977 with the following participation:

Saskatch	newan	Mining	and	Develop	oment	Corp.	33	1/3%
Inexco							33	1/3%
Uranerz	Explo	oration	and	Mining	Ltd.		33	1/3%

5. GENERAL GEOLOGY

Rocks underlying the area of investigation belong to the Churchill Structural Province which contains a wide variety of Precambrian units. Detailed investigations by the Saskatchewan Geological Survey around the south rim of the Athabasca sandstone have shown the existence of a number of distinct structural domains of Aphebian age. Located on the very west side of Saskatchewan, the Clearwater domain is felt to represent an Hudsonian mobile belt. During the Lower Proterozoic (Aphebian) sediments derived from bordering Archean uplands were deposited and subjected to deformation and metamorphism during the Hudsonian orogenesis. Present evidence indicates that the Clearwater domain may extend north along the Alberta-Saskatchewan boundary covering the area of permits 193 and 194 and north into the Northwest Territories.

Weakly metamorphosed younger sediments overlying the basement rocks maybe related to the Thluicho Lake Group.

Extensive peneplaination of the supracrustal and basement complexes in late Aphebian times preceded the deposition of the Athabasca sandstone. This sequence of sandstones and conglomerates has remained virtually undisturbed for 1350 million years. Both pre-and post-Athabasca faulting have been recognized.

7/

A report on the geology of northeastern Alberta by G. Godfrey is expected shortly. This report should encompass the most recent ideas and information regarding the geology of this area.

6. TARGETS

Unconformity, vein type deposits are our prime exploration goal. In the past decade significant deposits of this type have been located around the edge of the Athabasca basin. Maurice Bay, located 75 kilometres to the northeast is the closest deposit of this type.

7. INVESTIGATIONS

Geochemical Survey - Map #1

Permit 193 36 water 36 sediment Permit 194 18 water 18 sediment

Additional samples were collected outside of the two permit areas.

Samples were collected by helicopter using an Ekman dredge. The Ekman retains virtually all organic ooze in the sample.

No anomalous values were obtained within permit 194. 100 ppm uranium in sediment was found 1 kilometre northwest of this disposition. Within permit 193, 148 ppm uranium in sediments occurs four kilometres north of Shelter Point. In both cases, these values appear to be related to northeast trending faults.

8..../

Geochemical laboratory reports are appended.

Ground Prospecting - Map #2

Permit 193 14 ground traverses completed Permit 193 15 ground traverses completed

In permit 193, 3 uraniferous Athabasca sandstone boulders were located. All were found in the sand plain, remnants of ancient raised beaches which border Lake Athabasca, extending up to 3 kilometres inland. Scintillometer readings on these boulders ranged from 1000 to 12000 cps. Four pits were dug along the shore of Lake Athabasca in search of outcrops of Athabasca sandstone. None were located.

In permit 194 an additional three Athabasca sandstone boulders were located along the shore of Lake Athabasca. Scintillometer readings varied from 800 to 3900 cps.

Copies of airphoto overlays showing traverse locations are appended.

Geological Mapping - Map #3

The results of geological mapping by M. MacMahon, are enclosed in a separate report.

8. ASSESSMENT OF POTENTIAL

During 1976 and 1977, a total of 8 uranium mineralized sandstone boulders have been located. Their source lies most likely underneath Lake Athabasca. Whether or not Athabasca sandstone exists in sub-crop beneath permits 193 and 194 is not known. Certainly the mechanisms necessary for the formation of uranium deposits are operative in the area. If sandstone sub-crops are located, they would be excellent exploration targets.

APPENDIX

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Permit #193 and #194

 Prospecting Airphoto Field Overlays Permit 193, Traverse No. 3-1 to 3-14 Permit 194, Traverse No. 4-1 to 4-15

Bondar-Clegg and Company Ltd.
 Geochemical Laboratory Report
 Lake Water and Sediment Samples

E	BON	IDA	R-CLE	GG & COMP	PANY	LTD.
7	64 BEL	FAST R	DAD, OTTAW	A, ONTARIO, K1G OZ5	PHONE	E: 237-3110
		G	ieochemi	cal Lab Report		
tionNi - HNO	3-HC1, 1	U - HNO3	1	Report No 585-	-7	
A.A	. Fl	uorimetr	ric	From Uranerz Explore	tion & Min	ning Limited
on Used	-80 so:	ils.		Date June 28		19_77
SAMPLE NO.		Ni ppm	bbau n	SAMPLE NO.	Ni	U
16201 PSI		20	2.8	16232 P85	7	3.0
02 P32		18	1.3	33 A86	11	6.9
03 P53		19	1.4	34 1987	9	6.0
04 P54		16	3.1	35 P8B	ND	0.4
05 P55		4	0.6	36 P 90	8	4.3
06 P58		2	0.4	37 P91	18	11.6
07 P59		11	1.6	38 P92	12	10.3
08 P60		2	0.3	39 P93	8	7.0
09 P61		13	0.8	40 pgy	8	2.2
10 P62		9	1.6	41 P95	10	2.5
11 P63	+	20	10.2	42 P96	6	3.6
12 P64		2	0.4	43 P97	6	4.4
13 P65		6	0.6	44 1999	16	1.4
14 266	V	16	100.0	45 P102	8	6.0
15 P67	-	ND	0.8	46 P103	12	9.5
16 P68		12	3.1	47 P104 -	12	21.0
17 P69		ND	ND	48 P105	10	3.5
18 <i>P70</i>	-	11	3.8	49 P106	4	0.4
19 172		3	0.6	50 P107	4	1.6
20 P73		ND	0,2	52 P109	4	1.1
21 P74	1	11	3.5	53 P110	12	1.6
22 P75	-	10	4.8	54 P/11	8	8.4
23 P76		7	2.9	55 P112	ND	0.4
241777		6	7.8	56 P 113	ND	0.3
25 P78	-	8	10.5	57 P114	3	0.3
26 P 79	1	12	4.7	58 P115	8	14.2
27 P80		15	5.4	59 P116	4	1.4
28 PB/	1	12	16.0	60 P118	6	3.4
29 P82		12	6.9	61 <i>P</i> /19	3	0.4
30 P83		11	3.6	62 p120	7	1.2
31 884		12	3.9	63 P121	8	4.0

BONDAR- LEGG & COMPANY LTL

Report No. 585-7

Geochemical Lab Report

Ni NI U U SAMPLE NO. SAMPLE NO. ppm ppm ppmppm 16300P158 0.6 2 16264 / 122 11 2.9 2.8 65 P123 01 P159 7 14 3.6 8 66 P124 13 3.9 02 17/--0.9 67 P125 6 0.9 03 17/11 10 0.4 04/162 8 1.3 68 P126 11 5.1 05 p/33 8 1.0 69 F127 3 0.5 06 1/14 70 P128 4 1.0 1.7 9 07 115 71 P129 2 0.9 8 2.7 08 P166 72 P130 1 1.6 15 1.0 73 P131 09 F167 1.9 1 1.5 10 10 P/10 74 192 7 5.9 11 1.9 11 1/19 0.6 13 75 1933 11 2.9 76 P134 12 P175 1.8 8 0.5 10 77 19/35 13/17/ 8 1.9 1.0 10 78 121-7 14 1/32 4.7 3.0 12 2.8 7 148.0 15/170 11 79 197 80 19132 0.3 16/ 22/ 1.6 1 10 81 / 139 0.4 10 9.1 17 175 ND 0.6 82 P140 18 PIZ 3 ND 0.5 83 19/4/ 16 0.4 19/177 l 0.8 84 P142 20/178 2 1.4 ND 0.4 218/80 0.3 3 85 P143 14 4.0 86 10/44 6 5.6 22/187 1 0.2 23/152 87 P145 3.4 14 9 5.5 88/140 9 24 /124 16 4.1 4.6 89 19147 3 2.8 25 F135 8 0.5 26/182 90 P142 4 0.2 2 0.8 91 P143 4 27 PIR8 7 1.0 2.1 92 FIFB 10 2.6 28 0 189 12 0.5 93 [151 14 1.1 29 /190 12 2.0 30/191 94 P150 9 1.7 6 0.5 29 P190 93 F151 14 1.1 12 2.0 94 F152 30 /191 6 9 1.7 0.5 14 2.6 31 P192 8 0.8 95 P153 96P154 32 P193 1.1 10 1.5 12 9 1.9 97 1 55 P1/16351 38 5.5 981 156 P2/16352 6 15 3.4 5.2 991157 16 12.1 5.1 P3/16353 9

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SAMPLE NO.	Ni	U	SAMPLE NO.	ppm .	ppm
P4/16354	10	20.0	16390 P40	9	1.6
F P1/16355	ND	0.2	91 P41	9	1.5
P6/16356	1	0.2	92 P412	13	3.0
P7/16357	4	0.6	93 P43	15	5.6
P8/16358	ND	ND	94 P44	10	7.2
P0/16359	4	0.4	95 145	8	2.4
P10/16360	9	ND	96 P416	18	1.4
P11/16361	11	2.5	97 P47	4	1.1
P12/16362	15	2.5	98 P43	6	0.5
120/16262	10	2.1	16399	ND	ND
P14/16364	11	2.1	16400/50	3	5.5
P15/16365	12	0.9		_	
P16/16366	.12	0.7		ND No	t detected.
P17/16367	11	1.0			
P18/16368	7	1.9			
P10/16360	0	2.2			
P20/16370	13	2.9			
P21/16371	1	ND			
P22/16372	1	ND			
P23/16373	ND	0.2			
P24/16374	10	1.0		D	
P25/16375	4	2.1			
P06/16376	1	0.4			
P27/16377	2	0.4			
16378 128	4	1.9			
TO P29	ND	0.2			
80 P30	4	5.6			
81 P31	10	4.1			
B2 P32	9	2.5			
87 P33	77	6.2			
34 P 24	12	5.4			
85 P25	8	1.7			
86 P36	11	2.1			
87 P37	12	2.3			
88 P3B	11	4.1			
89 P39	23	4.1			

lake water revinits 193, 194. - J Faser



764 BELFAST ROAD, OTTAWA, ONTARIO, KIG 025

PHONE: 237-3110

Geochemical Lab Report

tractionU, M1					_ Report No 517-7				
ethod	A.A.	Fission	n Tracl	K	From Uranerz Expl	oration an	d Mini	ng Lto	
raction Used .	as rec	eived	_		Date June	roject: 71	-41	19 77	
SAMPLE	NO.	N1 ppb	U ppb		SAMPLE NO.	Ni ppb	U ppb	-	
P	1	N.D.	0.18	1	P 32	2	0.04		
P	2	1	0.18	1	P 33	2	0.17	~	
P	3	Ll	0.12		P 34	N.D.	0.15	1.800	
P	4	2	0.10		P 35	Ll	0.04		
P	5	2	0.04		P 36	1	0.10		
P	6	2	0.10		P 37	1	0.04		
P	7	3	0.08		P 38	1	0.03		
P	8	2	0.04		P 39	1	0.06		
P	9	1	0.05		P 40	Ll	0.05		
P	10	2	0.04		P 41	1	0.12		
P	11	2	0.12		P 42	1	0.11		
P	12	1	0.10	a'	P 43	N.D.	0.15		
P	13	2	0.16		P 44	Ll	0,12	-	
P	14	2	0.04		P 45	Ll	0.09	1	
P	15	1	0.13		P 46	2	0.10		
P	16	2	0.10		P 47	N.D.	0.06	-	
P	17	2	0.06		P 48	N.D.	0.01	-	
P	18	2	0.09		P 49	2	0.12	1	
P	19	1	0.03		P 50	1	0.06		
P	20	2	0.06		P 51	2	0.19	V	
P	21	Ll	0.05		P 52	1	0.04		
P	22	2	0.03		P 53	2	0.07		
P	23	2	0.04		P 54	1	0.11	_	
P2	24	1	0.02		P 56	2	0.12	-	
P	25	LI	0.05	-	P 58	2	0.02		
P2	24	1	0.02		P 56	2	0.12		
P	25	Ll	0.05		P 58	2	0.02		
P	26	2	0.03		P 59	N.D.	0.04		
P	27	1	0.05		P 60	N.D.	0.05		
P	28	2	N.D.		P 61	2	0.06		
P	29	1	0.02		P 62	2	0.12		
P	30	Ll	0.13		P 63	2	0.26	A	
P	31	2	0.12		P 64	Ll	0.18	V	

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Ni Ni U υ ppm SAMPLE NO. SAMPLE NO. ppm ppb ppb ppb ppb P 101 2 N.D. P 65 2 0.16 AV 4.00 P 66 V 0.66 2 P 102 -0.42 2 0.04 P 67 2 P 103 2 0.10 2 68 1 N.D. P 104 0.14 2 P 69 0.11 2 2 0.14 P 105 1 0.08 P 70 P 106 1 0.07 P 71 0.05 1 P 107 2 0.01 P 72 0.10 P 108 1 2 0.01 P 109 3 0.01 P 73 1 H.D. P 74 2 0.18 P 110 LI 0.13 11 P 75 N.D. P 111 0.19 1 2 P 76 1 0.01 P 112 2 0.18 V 0.09 P 77 1 P 113 1 0.07 0.09 P 78 Ll P 114 1 0.15 P 79 N.D. 0.03 0.06 P 115 2 P 80 0.18 1 2 P 116 0.12 2 P 81 0.15 P 117 N.D. 1 2 P 82 3 0.08 P 118 0.06 N.D. P 83 2 0.03 2 P 119 0.15 P 84 LL 1.9. P 120 2 H.D. P 85 1 X.9. P 121 0.04 1 P 122 1 0.19 1 P 86 0.12 3 1 P 87 2 0.17 P 123 1 0.10 P 88 1 N.D. P 124 2 0.09 P 89 0.11 Ll P 125 2 0.09 P 126 2 0.04 ~ 0.18 P 90 2 1 0.04 P 127 2 0.07 P 91 P 92 2 0.15 0.06 P 128 LI 0.15 P 129 1 P 93 2 0.12 P 94 N.D. 1 P 130 2 0.15 P 95 2 0.13 P 131 2 0.03 2 0.17 P 132 1 P 96 0.10 1 0.02 P 133 1 0.12 P 97 3 P 98 3 0.02 P 134 2 0.10 P 135 2 0.20 6 0.01 P 99 3 N.D. P 100 2 P 136 Ll 0.03

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SAMPLE NO.	N1 ppb	U gađ	4	SAMPLE NO.	N1 ppb	U ppb	
P 137	1	0.04	148ppm	P 173	Ll	0.04	
P 138	1	0.01		P 174	N.D.	N.D.	
P 139	LI	N.D.		P 175	N.D.	0.06	
2 140	1	0.06	-	P 176	Ll	0.22	~
		0.06	-	P 177	1	0.05	
F 141		0.00		2 111		0.07	1
P 142	2	0.04		P 170	3	0.01	-
P 143	61	0.11		2 119	-	1.0.	-
P 144	N.D.	0.11		P 180	LI	0.10	
P 145	Ll	0.14		P 181	1	W.D.	-
P 146	1	0.15		P 182	2	0.12	-
P 147	Ll	N.D.		P 183	1	0.16	-
P 148	1	0.04		P 184	2	0.02	
P 149	2	0.18	/	P 185	1	0.12	
B 150	N.D.	0.04		P 186	2	0.02	
P 151	Ll	0.08		P 187	1	0.07	
P 152	1	0.11		P 188	2	0.11	
P 153	1	0.09	1	P 189	2	0.08	
P 154	1	0.05		P 190	2	0.02	
P 155	2	0.07		P 191	2	0.04	
P 156	1	0.07		P 192	1	0.11	
P 157	1	0.02	-	P 193	1	0.09	
19 15A		0.13			-		
P 159	2	0.23	/			1.000	+ 1
P 160	7.1	N.D.	-		N.D. n	ot det	ected
P 161		0.05					
P 162	1	H.D.					
P 162	11	W D					
F 103		A.D.					
P 104	1	0.02					
P 165	2	0.04					-
P 100	R.D.	0.03					
P 167	2	0.16		1			
P 168	1	0.01					
P 169	N.D.	0.02	-				
P 170	2	0.08					
P 171	N.D.	0.10					
P 172	1	N.D.					







Airphoto *: A 20699- 77 Traverse: 3-4 Date; 23/AUG 77 O one by ; Sam Gord Roberts Phillip Charles CENTRE DE REPRODUCTION PNA - ÉNERGIE, MINES ET RESSOURCES - GOUV. DU CRNADA - DROITS RÉSERVES

THOIRYGOD TVOD HALHAND - 23DAUNZAR & 2ANIM YARAN - ARTNAN UNITHIUNRGAR IGAN D SYV S 64 Airphoto*; A20699-77 Traverse; 3-5 Date; Aug. 26/77 Done by: WALLY MALLEOD STANLEY M

THURADU TUDA MALIAN ANNUES 0 0 001100 1011010 001101000010 1040 40-00 9076 Airphoto ** A20699-77 Traverse: 3-6 Date; Aus. 26/99 Done by: Dor, Phil, Bord.





Airphoto # AZ0699-77 Traverse; 3-9 Date Aug. 28/77 Done by WALLY STANLEY INE CENTRE DE REPRODUCHON PNA - ENERGIE, MINES ET RESSOURCES -DU CANADA - DROITS RESERVE ANG9



and a A 20699-77 TRAV# 3-11) AUG ,29/3077 By Don Gord Phil Lider design Ava29 Chapmand J Ava29 L'Properting (5+D) #10 Pita Douth + B 2 day 13 disting Pits due to Pits deck for Syndeters (1) all hit walk a de pa



Sony no decent ain photo hetween 20699 - 78 5 7. Date Aug 31, 1977 A TRAV #- 3-13 I Don yord Phil MINES ET RESSOURCES - MOUV. DI PNA SENERCIE CENTRE DE REPRODUCTIO

GENINE OF ALLANDOPPING LAND LAND here Checked by MM Sept 1 location ofe bldr mell 18 cm dia 5000-5000 ops highest could now on remaining piece angular Sp. also present Choppentand pt cle 50010/For and well hadd -offor prior primerley. AIRPHOTO 20699-154 TRAV # 3-14 Sept 1 1977 HAME 20 % Gordon Roberts By. Donaldo Madeod.

Airphoto; A20699-36 Traverse; 4-1 Date ; Aug 16/77 Done by: Gordon Roberts, Sam Roberts Philip Charles Gordo Scale I mile.

Airphoto; * A20699-36 Traverse 4-3 Date August 17/77 Done by Sam, Gordon + Philip Scale Imile

CENTRE DE REPRODUCTION PNA - ENEBRIE, MINES ET RESSOURCES - GOUV. DU CANADA - DROITS RESERVES A.rphoto * A20699-36 Traverse 4-4 Date August 17 / 27 Dane by ISAAC Jone by ISAAC Scale Imile.

Airphotos A20699 - 36 Traverse: 4-2 Date: Aug. 16 197 Done by; Isaac + Walter Scale 1 mile.

Airphotot; A20699-36 Traverse: 4-5 Date: Aug 18/77 Done by; Sam, Philip, Gordon 951400

Stund Airphoto#; 120699-36 Traverse 4-6 Date August 18 /27 Done by Isnac Walter

CENTRE DE REPRODUCTION PNA - ENERGIE. MINES ET RESSOURCES - GOUV. DU CANADA - DROITS RÉSERVES

1000

Airphotos A 20 699-36 Traverse 4-7 Date - Aug. 19/97 Done by - SAM. Phil, Gord.

Airphoto * AZO 699-36 Traverse 4-8 Date Aug 19 199 Done by Isnac Walter

Airphoto*; A20699 -6 Traverse 54-9 Date aug 20 723 Done by ISAAC Walter bldr marked meanreitly by 2Kmt 20m from old calin M Boulder Found B horizo hanonite Soil remains of bldr 300cps Mod vecended Hole 210cps SS for bldins . acture Some long Klan SS bldms blder location MRM So what happened to traverse?? Septi

Ainphoto \$ A20699-6 Traverse 4-10 Date Aug 20177 Done by Sam, Philip, Gordon

Airphoto # A20699-6_ Traverse 4-14-15 Date August 21/77 Done by Gordon, Sam, Philips

69020 Airphoto * A20699-6 Traverse 4-12 Date August 21. /77 Done by ISAAC Walter

SOURCES - GOUV. DU CANADA - DROITS RÉSERVES CENTRE DE REPRODUCTION PNA - ÉNERGIE Airphoto; A20699-36 Traverse 4 - 13 Date - Any 28/77 Done by - Dow, Phil, Gord



o Casubas AIR PHOTO 20699-6 SEPT. 1. 1976 TRAV#4-15 wally Stanley ...













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	CANADA	
	NORTHWEST TERRITORIES	
	Uranium City	
	Athabasca Sandstone	
	Basin 2000	
	Le la	
	they want the second	
	La Ronge Shield	
	NORTHERN SASKATCHEWAN	
	LOCATION MAP	
<u></u>	OR LOCATION OF THIS AREA SEE MAP <u>LRGN-0676-01</u>	
/		
	·	
LEGEN	<u>0</u> :	
5	— GRANITE – coarse grained, grey, feldspars locally chloritized; massive to gneissic, frequent dykes fine grained granite and pegmatite.	
50	— GNEISSIC GRANITE – medium to coarse grained, grey, gneissic with	
L	occasional remnants of metasediments, gradational to UNIT 5 and similar to UNIT 3.	
4	 GRANITE GNEISS (UNDIFFERENTIATED) - pink, medium grained, locally porphyroblastic, mylonitic, massive, variable banding of mafic and felsic layers, minor magnetite. 	
4a	— GRANITE GNEISS (AMPHIBOLE RICH) – feldspar amphibole quartz biotite gneiss, pink weathering, medium grained, grey green fresh surface; massive to weakly foliated.	
4b	 GRANITE GNEISS (PORPHYROBLASTIC) - pink to grey to white, medium grained to coarse grained, porphyroblasts to 5 cm., commonly has cataclastic to mylonitic texture. 	
40	— GRANITE GNEISS (MASSIVE) – grey to pink, medium to coarse grained; weakly foliated, tends porphyroblastic.	
3	 BIOTITE GNEISS - grey to white, medium grained, partially "granitized" metasediments, occasional amphibolite, quartzite, rarely garnetiferous, gradational to UNIT 4. 	
2	— AMPHIBOLITE – dark green, medium to coarse grained, minor pyrite and magnetite locally, massive to gneissic.	
/	— SLATE (ARGILLITE) – dark green grey, fine grained, slatey cleavage; gradational to more siliceous rock type with occasional bands medium	
/a	 ARKOSE - pink, to grey white when weathered; medium grained, massive 	
SYMROI	with weak layering of tonation, occasional polymictic conglomerate layers.	
<u></u> ,	- GEOLOGICAL CONTACT - defined.assumed	
70 	- FOLIATION - vertical, inclined, dip unknown	
-+-, 70	- SCHISTOSITY - vertical, inclined	
ہے۔۔۔۔,،۔۔۔۔،,۔۔۔۔ 70 ج	— JOINTING — vertical, inclined, dip unknown — AXIAL PLANE INCLINED WITH PLUNGE SHOWN BY ARROW.	
- 8- , Z-	- AXIS OF DRAG FOLD - S - LEFT Z - RIGHT	
	- MINOR SHEAR ZONE WITH RELATIVE MOVEMENT SHOWN BY ARROWS	
~~~ →	- ASSUMED FAULT - GLACIAL STRIAE	
	- OUTCROP	
+	- LOCATION OF URANIFEROUS BUULDERS FOUND BY PROSPECTING - 1976 & 1977.	
40,4	<ul> <li>UNIT 4b WITH SIGNIFICANT AMOUNTS OF UNIT 4 PRESENT</li> <li>TRAVERSE</li> </ul>	
ŀ	ASCESCMENT FILE	
1	0 500m /km. 2km. 3km.	
	0 1/2 mi. 1 mi. 2 mi.	
<b>[</b>		
	URANERZ EXPLORATION & MINING LTD.	
	GENERAL GEOLOGY	
-	SAND POINT AREA - ALBERTA	
COMPILED	PERMITS 193 & 194 M.McML&J.F. DATE 08/09 1977 NTS REF: 74L-15.M-2 MAP NO. 1	
DRAWN T. LAST REVISIO T C TO BONN	CHARLES         DATE         FEB. 1978         BASE MAP : NONE         REPORT NO.           NN:         SCALE I: 32000 (app.)         PROJECT NO. 7141           LR. FILE NO.         LR41-0378-04         CALG. FILE NO.	
	UUNTIDENTIAL	(l)