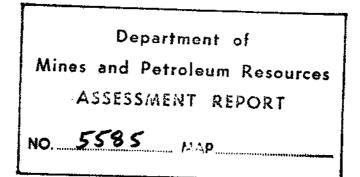
URANERZ EXPLORATION AND MINING LTD.

REPORT ON

CHINOOK CONSTRUCTION, B.C.

71-31

FRITZ HOPFENGAERINER



- 4

1. INTRODUCTION

1.1 AREA OF INVESTIGATION

The properties of Chinook Construction Ltd. , Vancouver are located in the Similkameen District of south central British Columbia, Canada, north of Grand Forks in the Christina Range of the Monashee Mountains.

1.2 PURPOSE OF INVESTIGATION

The properties were investigated to determine the extent of several known radioactive occurences in pegmatites and evaluate their potential as possible economic sources of uranium.

1.3 TIME OF INVESTIGATION

May 21st to June 4th, 1975.

1.4 PERSONNEL

The geological party consisted of:

F.	Hopfengaertner	Field Geologist
R.	Loewer	Field Assistant
J.	Skinner	Field Assistant

1.5 INSTRUMENTS, VEHICLES USED

A four-wheel drive vehicle (GMC Jimmy owned by UEM) was used for transportation from Calgary , Alberta and for use in the field. Two SPP2 SRAT (Series 16, #1720; Series 11, #992) scintillometers were used for the radiometric survey.

2. GENERAL INFORMATION

2.1 LOCALITY

The properties are located about 13 kilometers north of Grand Forks, Longitude 118° 23' west; Latitude 49° 05' north.

2.2 COMMUNICATION AND ACCESS

Grand Forks is located near the Canada - U.S. border on Highway # 3, a hard surface, all weather road and also has rail freight service (C.P.R. & G.N.), daily bus connections to points east and west and an airport with 3 times a week scheduled air service to Kelowna and Castlegar, connecting from there with major domestic routes.

The mineral properties were accessible from Grand Forks by logging roads and trails. A four-wheel drive vehicle was necessary as the trails were quite wet and muddy with some rough sections due to spring run-off. In driver times of the year the trails could be negotiated with a sturdy two-wheel drive vehicle (eg. small truck).

2.3 TOPOGRAPHY

The Christina Range of the Monashee Mountains rises from an elevation of 520 meters in the broad open valley at Grand Forks to about 1450 meters, although the average elevation of smaller peaks in the prospect area is from 1060 meters to 1200 meters. The mineral properties are drained by westward flowing creeks which flow into the Granby River.

2.../

2.4 CLIMATE

A moderate climate prevails throughout southern B.C. and the Grand Forks Region. Prevailing winds from the west bring seasonal snow and rainfall. The best working seasons are late spring to fall, once the snow cover has melted.

2.5 VEGETATION

The mountains and smaller valleys in the prospect areas are covered by dense vegetation consisting of spruce, pine, larch, cedar, poplar and willows with occasional heavy underbrush. On well-drained slopes, bedrock is exposed or thinly covered with grass and mosses. At lower elevations and on south-facing slopes, grass predominates and tree cover is sparse.

2.6 POPULATION AND LAND USE

Grand Forks has a population of about 3,000 with a total valley population of about 7,000. Farming and ranching land use patterns prevail with some lumbering activity.

2.7 WATER RESOURCES

The Granby River flows along the west side of the claim group. A number of creeks cut across the property with Snowball Creek being the most central and nearest of these.

2.8 MAGNETIC DEVIATION

Deviation will be 23[°] E for 1975. Reference: 1966 topographic map 82 E/IW

3. PREVIOUS SURVEYS AND ACTIVITIES

3.1 TOPOGRAPHIC MAPPING

Sheet 82 E/1W, 1:50,000, 1966

Airphotos were not used - They were considered outdated, because they were taken in 1941.

- 3.2 GEOLOGICAL MAPPING
 - 1. Mineral property of Cronus Minerals, 1:31,400, August 1970, - by V.A. PRETO.
 - 2. G.S.C. maps in paper 69-22, scale 1:253,440, by V.A. PRETO.
 - 3. B.C. Department of Mines, 1973. Provides a short description of radioactive occurences in B.C. including the SD claim group.

3.3. GEOPHYSICAL SURVEYS

Nothing to report.

- 4. TENURE POSSIBILITIES
- 4.1 MINERAL CLAIM
- 4.1.1 Mineral Claims/Mineral Claim Blocks Staked and Recorded

See Cronus Mineral Report by E. CHISHOLM (1970) p. 2 and 3 .

4.1.2 Mineral Claims Granted

See Cronus Mineral Report by E. CHISHOLM (1970) p. 2 and 3.

4.1.3 Mineral Claims Disputed, Lost, Lapsed

Chinook Construction (1975) controls claim group SD 1 to 36 and others but there apparently is an ownership dispute over some claims with Boundary Exploration Ltd. (personal communication; G. ADDIE, District Geologist, Nelson District, 1975).

4.2 LARGER CONCESSIONS (PERMITS, ETC.)

Nothing to report.

4.2.1 Concessions Applied For

Nothing to report.

4.2.2 Concessions Granted

Nothing to report.

5. GENERAL GEOLOGY

5.1 PETROLOGY/LITHOLOGY

The central part of the area, in which the property is situated, consists mostly of rocks of Precambrian age. Just north of Grand Forks these rocks consist mostly of metasediments, whereas the rocks north of Sand Creek are mostly intrusive and consist of grano-diorites, quartz monzonites and syenites of uncertain age (PRETO 1970). The Granby River fault, which runs along the east side of the Granby River separates these Precambriam rocks from a series of Paleozoic to Mesozoic sediments with some Cretaceous-Tertiary intrusions.

The radioactivity occurs in pegmatite lenses within a series of biotite schists and gneisses with some intrusive quartz-monzonites.

5.2 STRUCTURE AND TECTONICS

The gneisses and schists are extremely folded. The strike is generally NE - SW, the axial planes of the folds strike about parallel to the foliation. Two major faults border the prospect area: the Granby River fault in the west and Kettle River fault in the east. The prospect area is considered to be an uplifted block between the younger sediments on both sides.

5.3 ECONOMIC GEOLOGY

In the prospect area there are no economic mineral deposits known yet, despite the fact, that there has been and still is considerable mining activity in the surrounding mountain ranges.

According to the report on the property of Cronus Minerals Ltd. by E.O. CHISHOLM (1970) there are 12 mineral showings in the prospect area. The showings, 1 - 6 and 10 are radioactive showings; the others show minor amounts of molybdenite, scheelite, chalcopyrite, pyrrhotite, sphalerite and pyrite.

7.../

PROSPECTIVE TARGETS AND AREAS

6.

*No. 1 Showing: A small pegmatite lens (with readings up to 8000 cps) is exposed in a bulldozed area. The limits of the pegmatite lens are not completely known, but the radioactivity suggests an extent of about 5 x 2.5 m. The surrounding rock is a fine grained granite with an average reading of about 200 cps.

<u>No. 2 Showing</u>: This showing is considered to be the best showing in the prospect area. Radioactivity occurs in biotite rich parts of pegmatite lenses. There are several lenses in an area, measuring roughly 150 m x 80 m. However, the area showing strong radioactivity is much smaller, about 40 m x 40 m.

Readings up to 10,000 cps were recorded. A basic dyke, which is exposed in a bulldozed trench along the western limit of the showing, shows no radioactivity; the dyke material is strongly magnetic however, due to its magnetite content. Compass readings are not reliable in the vicinity of this dyke. Numerous quartzmonzonite dykes cut the gneisses and sometimes the pegmatites. They show backgroung radioactivity.

<u>No. 3 Showing</u>: This showing is situated about 500 m east of the No. 2 showing. It is about 400 m long, striking E-W and between 80 m and 150 m wide. Its eastern part consists of several pegmatite lenses in biotite gneiss; the pegmatite lenses reading up to 4000 cps. In the western part of the showing the main mass of rocks is a fine grained granite with an average radioactivity of 180 - 200 cps.

* The location of the showings is marked on Map No. 1

<u>No. 4 Showing</u>: It is situated on the northern bank of Snowball Creek, south of the trail leading to the No. 2 showing. Only small pegmatite lenses with readings up to 1500 cps could be found.

No. 5 Showing: Could not be found, but is reported to consist of small outcrops in a heavily overburdened area.

<u>No. 6 Showing:</u> The showing is located on the top of a rounded hill on the west side of the Granby River fault. Radioactivity occurs in about a 7 m long rusty zone in the so called "sharpstone conglomerate", which actually is a volcanic breccia. The recorded readings are up to 2000 cps, while the rest of the "sharpstone conglomerate" shows background readings.

Most of the other showings have been checked during this field work but no significant mineralization has been observed.

7. INVESTIGATIONS

7.1 AIRBORNE SURVEY

Nothing to report.

7.2 CARBORNE_SURVEY

Nothing to report.

7.3 GROUND SURVEY

A detailed ground survey including radiometrics, geological mapping and rock sampling has been done on the No. 2 showing with a radiometric ground survey on the No. 3 showing. The other showings have been checked, but no detailed survey was done on them.

7.3.1 Ground radiometric survey

On showing No. 2 a grid was laid out with north-south baseline 190 m long. The crosslines, at 10 m spacing, normally extend 50 m east and west.

At showing No. 3 a 400 m long baseline, running E-W was laid out, with the crosslines extending 50 m - 90 m north and south.

Readings with SRAT SPP 2 scintillometers were taken along the lines at 5 m intervals on grid No. 2 and at 10 m intervals on grid No. 3. The readings were taken waist high, to cover a larger area. The results of the radiometric ground survey are shown on maps No. 3 and No. 5.

7.3.2 Radon Survey

Nothing to report.

7.3.3 Geological Mapping

Geological mapping was carried out at a scale of 1:500 on showing No. 2. The geology of the No. 2 showing is shown in map No. 2.

7.3.4 Geochemical Survey

Nothing to report.

7.3.5 <u>Sampling</u>

Chip samples were taken from the outcrops of the No. 2

10.../

showing which showed increased radioactivity. The samples were taken along the lines of the grid in 2.5 intervals. An additional sample line was taken 5 m south of the blasted trench. A total of 73 samples were taken from the No. 2 showing. One sample was also taken from the No. 6 showing.

Other surveys

Nothing to report.

TRENCHING

7.3.6

7.4

Some bulldozing and trenching was done in earlier times by the owner of the property. Along the west side of the No. 2 showing, a trench, about 200 m long was bulldozed, but didn't reach the bedrock. A 30 m long trench, running E - W was blasted in the central part of the No. 2 showing and a little bulldozing was done in the No. 1 and No. 6 showing. Nothing to report.

7.6 MICROSCOPY

Nothing to report.

8. RESULTS

8.1 ANOMALIES DISCOVERED

8.1.1 Radiometric anomalies

In the No. 2 showing, 1 large and 3 small radiometric anomalies have been found. A large anomaly measuring about 40 m x 40 m, is located along the blasted trench in the central part of the No. 2 showing. In the central part of the anomaly, measuring 30 m x 25 m, the radioactivity is higher than 300 cps at waist level. The small anomalies are about 10 m - 15 m in diameter. All anomalies are within pegmatite lenses, mostly associated with concentrations of biotite.

In the No. 3 showing, 3 anomalies have been found in the eastern part of the grid, where pegmatites are exposed. The anomalies measure about 30 m x 10 m. The strength of the radioactivity however, does not suggest ore grade.

Besides the large anomaly in the No. 2 showing, all of the

11.../

aforementioned anomalies are too small or too low in radioactivity to be of any economic importance. This is also the case with the anomalies in the No. 1, No. 4, No. 5 and No. 6 showings.

8.1.2 Geochemical Anomalies/Chemical Analyses

The samples taken from the anomalies in the No. 2 showing have been analysed for U_3O_8 by Detectametal Laboratories Ltd., Calgary.

The results are plotted on Map No. 4. There is only a very slight correlation with the radiometric readings. Most of the chemical analyses are much lower than was to be expected from the radiometric survey. This discrepancy could be due to surface leaching, but which should not be very strong in a hard rock like the pegmatites. Another reason could be that most of the uranium has decayed into its radioactive daughter products. Whatever the reason, the results of the chemical analyses have been disappointing. The average uranium content of the 73 samples taken is 97.73 ppm $U_{3}O_{8}$. Considering that these samples have been taken from the radiometric anomalies only, this average content is far too low to be of economic interest at the present time.

8.1.3 Radon Anomalies

Nothing to report.

8.1.4 Other Anomalies

Nothing to report.

8.2 DESCRIPTION OF MINERALIZATION

The uranium mineralization was seldom visible. In showing No. 1 a black seam around quartz grains at a hot spot could be discerned and was considered to be pitchblende. On fracture planes, pale yellow secondary uranium minerals, probably uranopilite were found. These were mostly associated with concentrations of biotite. Molybdenite, which was mentioned in the report by E.O. CHISHOLM (1970) could not be found in the pegmatites. However, some sillimanite garnet gneisses contained graphite.

8.3 CHEMICAL ANALYSES

<u> </u>		Chinoc	k Property	y B.C.		
	Sample	U308	Sample	v308	Sample	^U 308
	3100	0	3125	0	3150	6
	3101	0	3126	0	3151	43
	3102	0	3127	0	3152	5
	3103	41	. 3128	5	3153	23
	3104	1450	3129	Ó	3154	2
	3105	35	3130	ì	3155	145
	3106	2	3131	190	3156	6
	3107	41	3132	5	3157	15
	3108	230	3133	1	3158	4
	3109	220	3134	6	3159	10
	3110	104		110	3160 -	145
	3111	182	3136	0	3161	1
	3112	39	3137.	97	3162	150
	3113	9	3138	330	3163	70
	3114	590	3139 -	170	3164	3
	3115	3	3140	8	3165	220
	3116	0	3141	37	3166	1500
	3117	2	3142	99	3167	26
	3118	0	3143	150	3168	31
	3119	32	3144	0	3169	29
	3120	11	3145	0	3170	3
	3121	75	3146	Г	3171	57
	3122	55	3147	8	3172	9
	3123	60	3148	91	3173	330
	3124	8	3149	5		

Total Analyses of 73 Samples taken from No. 2 Showing Chinook Property B.C.

Average 97.73 ppm U308.

•

9. ASSESSMENT

9.1 ASSESSMENT OF POTENTIAL

Despite the favourable report by E.O. CHISHOLM, not very many positive criteria could be found. The area is accessible by car at the present time, and trails could be easily improved to stand truck traffic. The pegmatite lenses, which are exposed in showing No. 2 are partly big enough to be mineable. The anomaly in the centre of showing No. 2 measures 40 m x 40 m at the surface. If one suggests an extent at depth of 20 m, the anomaly covers about $32,000 \text{ m}^3$, which is equivalent to roughly 90,000 tons of ore. The uranium content in this anomaly is however, too low and too variable to make it an economic ore body. This same criteria is valid for all the other even smaller pegmatite lenses which have been found.

10. RECOMMENDATIONS

Based on the present knowledge of the Chinook property in the Grand Forks area, B.C., no further work is recommended.

11. APPENDIX

Map No. 1 : Location of Showings. Map No. 2 : Showing No. 2, Geology Map No. 3 : Showing No. 2, Radiometric survey. Map No. 4 : Showing No. 2, Sample Location and Analysis. Map No. 5 : Showing No. 3, Radiometric survey. Map No. 5 : Showing No. 3, Radiometric survey.

14.../

URANERZ EXPLORATION & MINING LTD.

102, 140 - 1st AVENUE S.W., CALGARY, ALBERTA T2P 0A5

TEL.: (403) 265-3912 TELEX: 03-824874

Chinook Construction and Engineering Ltd. Suite 301, 1201 West Pender Street Vancouver, B.C. V6E 2V2

Attention: Terry Schorn

Your Ref.

Our Ref.

3303/GK/ih

Your letter of

Date

July 31,75

Dear Terry:

Please find enclosed a detailed break-down on costs occured during Follow-up Survey on your project.

Trusting this is the information you require

ry tựuly yours, Dr. G. Kirchner

Encl.: 1

Alle

A 1975

OFFICES: 40 UNIVERSITY AVENUE, TORONTO, ONTARIO - #209, 515 FRANCOIS PK., NUN'S ISLAND, MONTREAL, QUEBEC

URANERZ EXPLORATION & MINING LTD.

٩

Cost on Ground Follow-up Project Greenwood, B.C.

Salaries:	17 days Project Geologist 17 days Junior Geologist 17 days Field Assistant 7 days Driver	\$ 76. per day - \$ 30. per day - \$ 30. per day - \$ 25. per day -	\$ 1,292. 510. 510. <u>175.</u> \$ 2,487.
Field cost:	58 men/days @	\$ 25. per day -	1,450.
Depreciation:	Scintillometer GMAC Truck		100. 200.
Travelcosts:	To and from the field		350.
		Total:	\$ 4,587.

1. hrs

URANERZ EXPLORATION & MINING, LTD.

102, 140 - 1st AVENUE S.W., CALGARY, ALBERTA T2P 0A5

TEL.: (403) 265-3912 TELEX: 03-824874

Chinook Construction and Engineering Ltd. Suite 301, 1201 West Pender Street Vancouver, B.C. V6E 2V2

Attention: Mr. Schorn

Your Ref.

Our Ref. 7131/GK/ih Your letter of

Date August 5, 1975

Re: F. Hopfengaertner

Dear Mr. Schorn:

Mr.Hopfengaertner is holding a "Diplom Geologist" degree from the University of Munich, West Germany. He submitted his work for Ph.D. to the same University earlier this year.

He has been employed by our parent company Uranerzbergbau GmbH & Co. KG, Koelnstrasse 367, Bonn/West Germany since April 1, 1975 and previously worked for Northern Mining Company, Lersoe Parkallee 112, Copenhagen/Denmark.

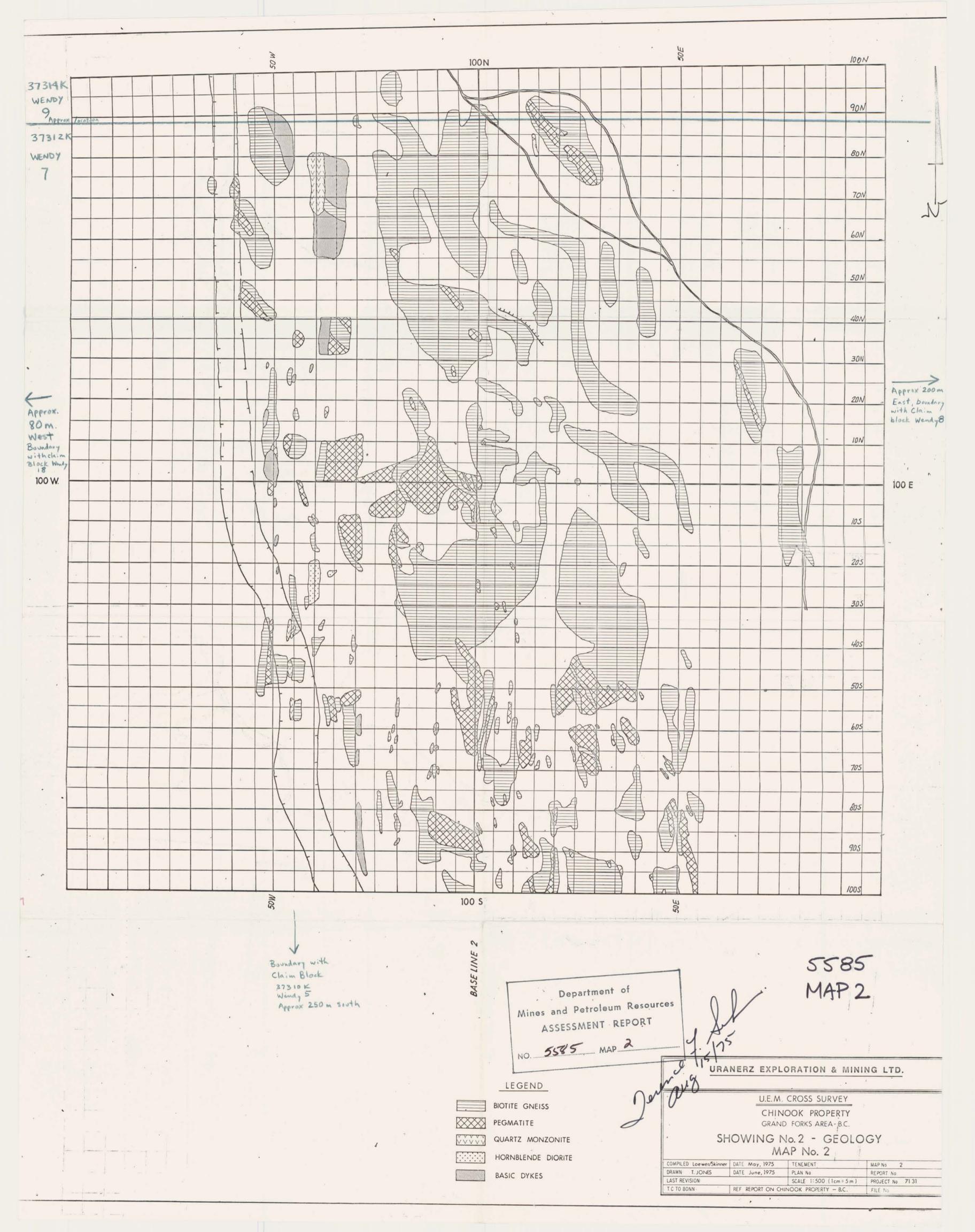
Trusting this information is of help to you

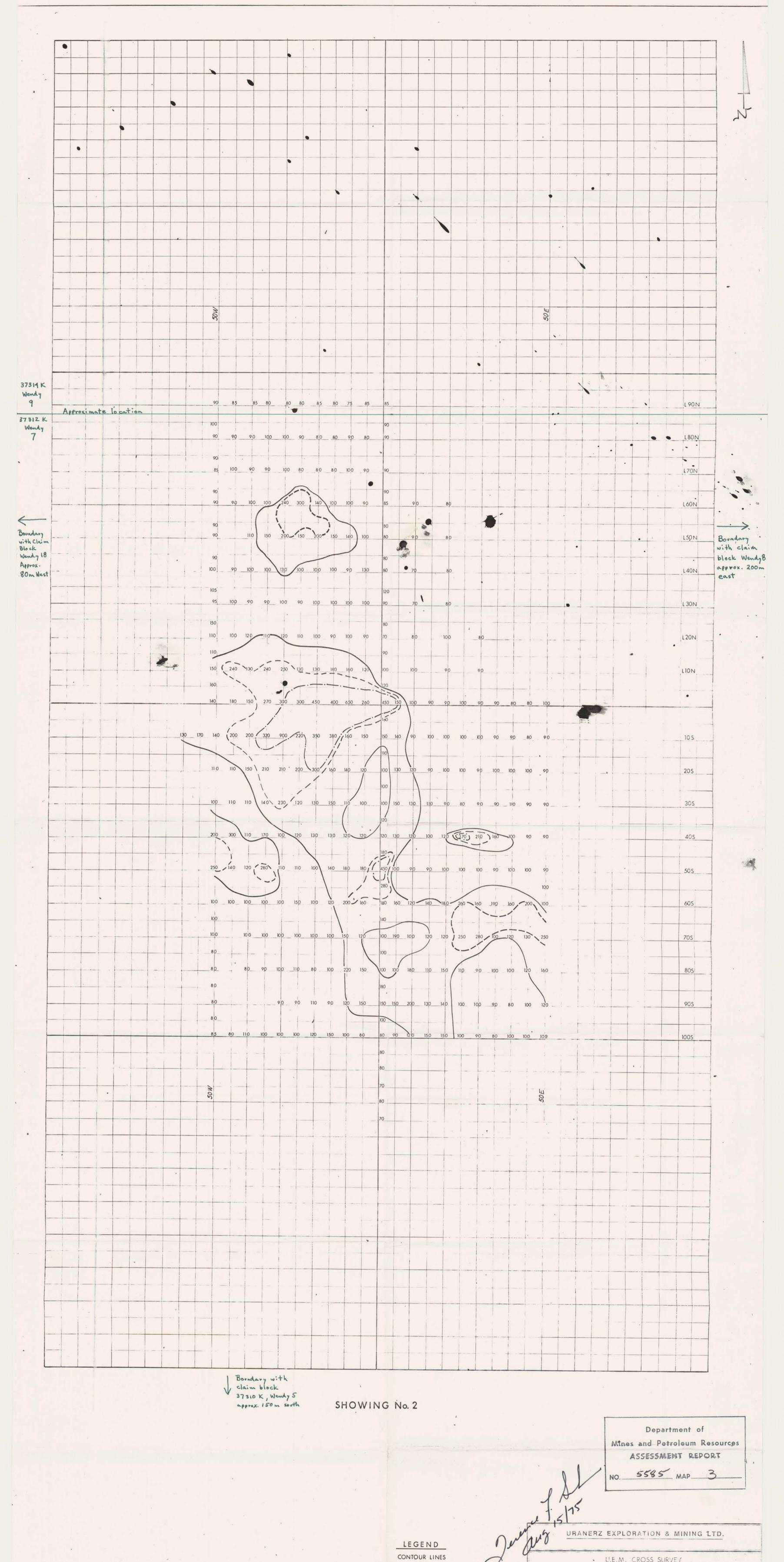
very truly yours,

? Um ling Dr. G. Kirchner

aug 7 1975

Y	5	4	-2	03.	01		1	10				×	1 1	A	1-8-	1
		37/50E	33211	33209	33207	# 10	33203	33201	55199	35.47	35440	33442	33428	53430	33+32	13.1507
	PAT #	PIIT	BAZO	BH	BH 24	BH	BHU	81 (ans	8.4.4	24	24	38	50	12	A°C
+	14-	6	332%	33208	33206	35204	H .	HU	Sir	1	35+39	5 1441	~	35424	55431	Les Si
ľ	PAT PAT	37152E	BHET	BAN	USN	BHU	33202 BNC		BN15	25/46	8%	3.4	33421	5000	50	4
	9	0	to	332/5	(23)	21	19	BH 17	1	11	1	1 1 1 1	13319	T A	33521	P
	37155E	37154E	33217	°0"		33185	33/27	33/89	35/ 91		33195		1:0	16	THN	33322
1	PAT	PAT	8×34	X	BH 33	BH	BH	BH	Pa-	33/93	BH12		15 0	10	150	tic
	<u> </u>		H 33216	33214		33184	33186	33188	10	33192		5	53317	33313	35519	33520
			BN	BA	BH 29	~~	BH3	BHS	53100	BAg	33194 BH 11	1.	13.	JA.J	THAN	THE
K.	0	100	IP	P	33345	33343	330974	130904	36035H	30036H	33/09/	33/10H	39315	it was	33517	335/6
3764	14363 ae	34361	34358	34359	50	. 50	1.505	500	GAMMA	GAMMA	500	50	2.	1.	TAN	Fra
Fr	100	98	C.	GR 40	77	50 78	23	24		112	35	36	A.c.	180	110	k-2
4P 36	835	5 98	34356	34357	33.243	33344	37324K WENDY	3732.5K	37314K WENDY	37315K WENDY	HTOLE	SHORA	33813	a 84/4	33515	Jassa
H	110	100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3436C PCFR.	GAU 38	50 75	50	19	20	9	10	SO	34	-4	100	THN	THN
IP	P	K	34354	P	33341	33348	37322K	37323K	37312K	37313K	33105H	3=1064	33311	3.4:2	13513	333.4
NHV	jieg	33958 PBE		34355 GR.	50	50.	WENDY	WENDY 18	WENDY	WENDY	50-	500		4	THN	TUN
×	13	96	GR 350	P	33339	33340	37320K	373216	37310K	375116	31	er.		81	70	Be
3349	33955	33256	34352	34353	33339	33340	WENDY	WENDY		WENDY	33103H	HLONEE	33 300	35310	2 SHI	33512 THN
PBE	PBE 93	98E.	33-1	GA 34	- 7/	5077	15	16	5	1 6	29	30	1º c	5-6	30	6.
X 3361	X 33753	K	34350	34351	33337	33338	\$ 37			765 5	33/0/H	3310EH	925/07	33308	33309	335.0
Br	PBE	33954 PBE 92	GR	GR JE	50	500		DAR ALS	-	DAR	SOC	50° "	cpy.	4	THN	THN
K	91 K	92 K	P	P	33335	33336	the second second		-	37307	27	and the second	P	soete:	X	4 C
3353	33951	33952	34348	34349		33336 50	m lon	CARLS AND A DESIGN	DAR YOOLLE	WENDY	3099H 50 25	-33100	33/303	00	35507 THN	33508 THN
PBE	PBE	PBE	GRC 29	GAC 30	507	i and i a	100		The second s	#2	25			===2	10	20
K 3355	33949	33950	34346	34347	P. 34321	1 P	33322	A	37532K	16===		h L	35/82	35183	338EE	33823
te				28	GRC	+34320	ANC	3332	WENDY 27	37333K	33765	33/64	50,65		HARA	HARA POC
RE	PBEBT	4S1 33948	0	14364	120	34322	5	35325	37330K	37331	53/67_	2	33180	3.181	33820	K
R 3357	33947	10	OW	~ ~ ~	, P	G.R	33324	Cr	WENDY	WENDY	1	\$3166	50	50	33820 KAKA	33821 HAKA
PBE	PBE	PBE	34365	68 45 C	134323	30	ANC	ANC	25	26	5040			64	7.0	80
3359	3394	\$ 3946	34367	34366	34325	Contract and the Test of the		33325	WENDY	37329K WENDY	Contraction of the second		33178	1379	33818	33819
PBE	PBE	PBE 04	58 -	97 c	ORC	G.R	AN	AN	23 .	24	SO	50	50	50	HAHA 5	MAKA GC
A 3361		and the second	D	34368	94327	34326	33328	33327	31326K	37327K	33/71	3 3.770	33176	33177	35816	33817
3361 081	1 0	10	34369 GR	And the second second second	ALCONDON DE LA COMPANY	GR	AN	AN	WENDY	WENDY	500	50	59	50	and the state of the	KARA
obd 15	PBE	and the second sec	50	980	gre		+ · · ·	T	21	22					KARA 3 C	140
K 3363	33941	3394E	34371	34370	34329	34328	33330		F	- 1133/62	33/73	33172	33174	33175	33814	33815
PBE	PBE 79	PBE	SE V	390	GR		AN	AN	50	T.	50	- 50	50	-58	KAKA	RAHA
R 3365		33940	р 34373	34372	34331	34330	33332		-35231 - H	33230 1	13248	33-49	33251	33250		
PBE	PBE	PBE	340	GR	9E C	GRC	AN	333 31	FATE	FAT	ATER	FAT	FATZE	FATZI	<u> </u>	· · · ·
19 C		78	54C	GR 53 34374	and the second s			33393	33233	3323/2	35246		33253		34209N	342074
	33761	33760	34375	P S	34933		33334	No. States	1	1	EAT	33247	33253 FAY	FAT	BL.ACK JACK	BLACK
	PBE	PBE 59	GR 56C	55-00	P	13 c	ANE	Be	FAT	FAT-	1Ter	FAT 18	24	23	100	80
12		==="	34377	34376	34335 GR	1	3434/	34340	- 3-	33234	33244	332145	33255	33254	BLACK	34206. 2'ACK
1130	- Cose:	33758 PAF	58	380	76 #	93 2	SE C	GR	33235	FAT	FAT	FATER	FAT	ES.	JACK 9	JACH
1	V.	PBE	P	34376	IP.	34336	34340	34342		35236	A second s	second and have all a	\$33257	33256		L/Ý
ACE	14	3338;	34379	CH?	34337	.GB	GR	34342 GR 23C	ITAT.	FAT	FAT	FAY	EANT	FAT	ť.	
4	- 1	PBE	28	199	1.98.0	P	·24c	the state of the s		7	13		128	R	1	γ
Υ		3.7383	33727	33726	34339	 A set of the set of		34344	1-0	1. 0	33240	1		332 59	3315	1. 1 × 1
6088)	33384	PBEST		THO .	GR	GRAC	28c	2Bc	FAT	FAT.	THI.	FAT	FAT 30	29 33	· · ·	GE
ERRA	K	33385	HOZE	110	0	<u> </u>		AP F	is o	c			•	P	IDGE	331374
	33386 PBE	33385	11	33728	1	n min	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	15 1 4 1 4 2 4 2 4 1	h			DC.	1		33:39h	V CP
v	40	39	401	30			1.	FAN	0/15		200	20			PUDGI	5
3377	33388	53387	K	33730	and the second second	et a b	34	int	AT).	M	AD I	0		1	-	
PBE	PSE 42	PBE	3375 A		and the second se	- Q	K E	TWC	シー					1.	0	
HC- 3379		S. MAR	60		1 M	and a start	and an	i spraw	1. 1	V.	Ē	- All		1.	-	323
		Sarat Sec	3373							- 17		EDA 3642			29065	5
PBE			AC	170	cr.	6-16-5 A		9x 37266	κ	1	- / 7	15 10		17-11	Mox	2906-
1	1.0	1468	3373	3373	and a start of the		FRY	4 FRTI	DA	36-115	A 36418	AL			E	E
8/TEX		- 121000			1 . rain	J.	31268	K 37267	TK F	14	TON IS	A Participation	I. TON	1 20	29067 Mok	2906 Mor
2036	TEX	0 31805 W.H.	33774		1	1.5	FXY	FRYZ		SAIT	A	180			C 24.	C23
5170	2856	and the second second	10	1 3373		Carlos and a second	Maria -	1	1 <u>}</u>	1 mm	36416A	36425	A 36424 A	il as	Ly00;	E
563B	TEXIN	1 H 431 33731	P C.	AND IEC	, MC	P. P. S.	No Conter	and the	Per an e	Gen 15 A	36414 A	TOM	TOM		C 26	MOR
X	8565.9	r	3 1357	12 3374	1 3:54		etter 14	for to log.			EN EILE		190	1.5	29071	2907
	-01	19:314	HA	10	A State of the second		t de st	Correct -	-	37 20		6 36421A	39426 A TOM	的学	Mox 28	MOR
A.	~	12-1	1.1.	<u>en rac</u>	100	MA TY		The states	1-1	36413 A	0		El		6	27
11/2			sit.		×.			E		Tofe de	200418		6240 A	ing inme	29073 Mon	29071 Mor
2972	A	States-	1		1.4.	A. so. 1		5910 11	- 5	sting	e af	TOM	Town.	(Alight		
-JIL	JON	the factor of the second	//	State State	1 1 1 K 1 1 1 1	1.6.604.81	1 46	MORIN		and 12	went P	an adult 1 A.A.	A REAL PROPERTY	A AND A AND A AND A	States and and and	March 18 Provid





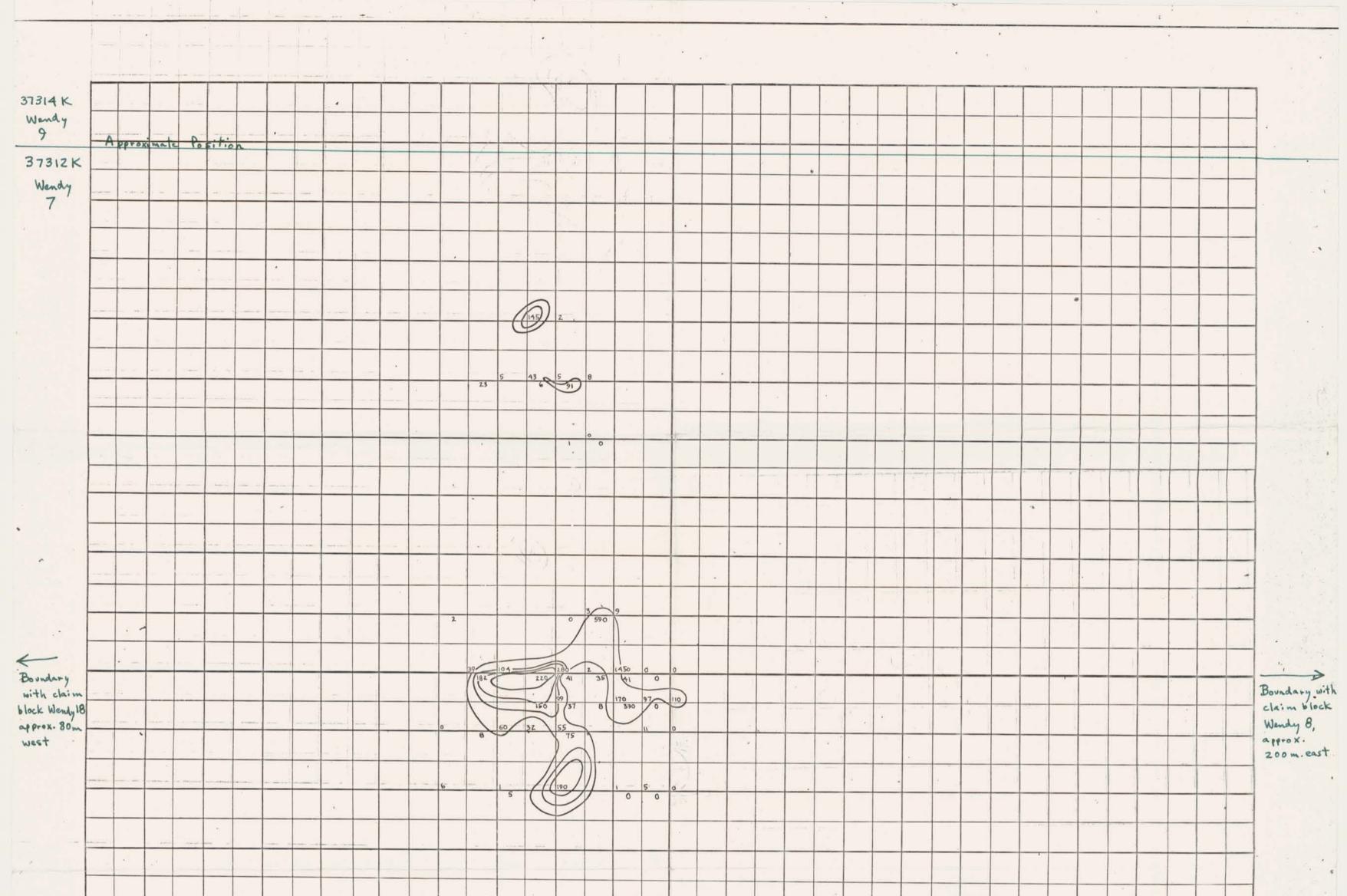
URANERZ EXPLORATION & MINING LTD.

LEGEND . . CONTOUR LINES U.E.M. CROSS SURVEY ----- 120 cps CHINOOK PROPERTY GRAND FORKS AREA-B.C. - - - 200 cps ----- 300 cps . RADIOMETRIC SURVEY 141 MAP No 3 1.0 5
 COMPILED
 F.Hopfengärtner
 DATE
 May, 1975
 MEM.N.*
 MARING
 3

 DRAWN
 E.del Val
 alle
 June, 1975
 N.N.
 REPORT No

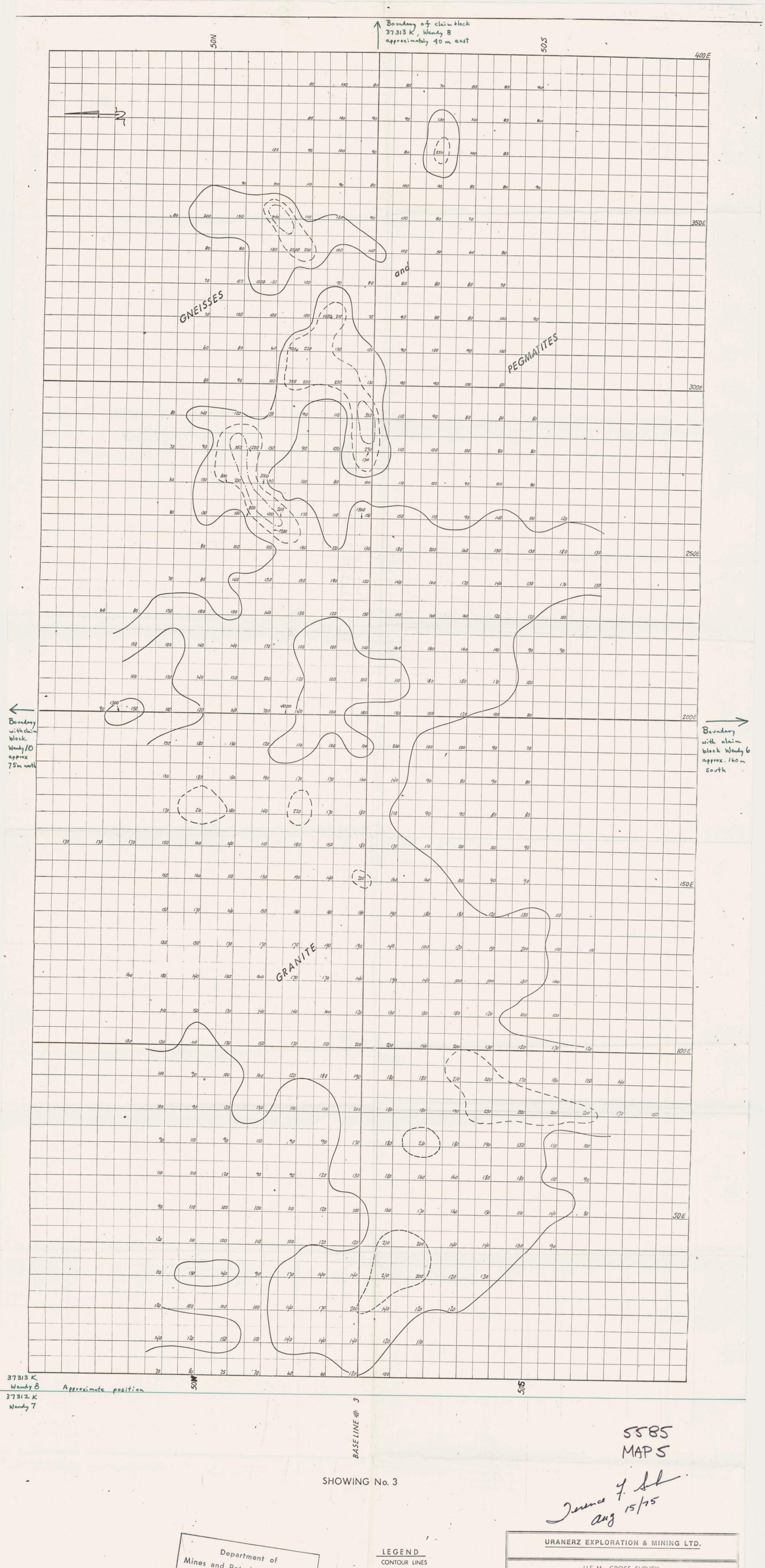
 LAST REVISION
 ALL
 1:500
 (Icm.=5m.)
 FROJECT No
 71.31

 TO FD BONN
 REF REPORT ON CHINOOK CONSTR.
 B.C.
 FLT No
 1



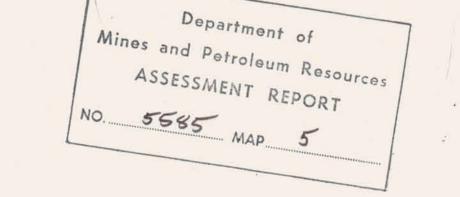
1 15007 1 M 4 . Boundary with claim block V 37310 K, Wendy 5 approx 250m south . SHOWING No.2 2 and 1 5585 MAP 4 1.0 Department of Mines and Petroleum Resources URANERZ EXPLORATION & MINING LTD. ASSESSMENT REPORT U.E.M. CROSS SURVEY NO. 5585 MAP 4 GRAND FORKS AREA - B.C. CHINOOK PROP. SAMPLE LOCATION & ANALYSIS (ppm U308) MAP No. 4 COMPILED F.Hopfengärtner DATE June, 1975 - TENEMENT MAP NO -4-REPORT No. DRAWN F. del Val DATE June, 1975 PLAN No. SCALE: 1:500 (1cm = 5 m) PROJECT No. 7131 LAST REVISION REF REPORT ON CHINOOK CONST. B.C. T.C. TO BONN FILE No. 1

.4



.

.



22

1

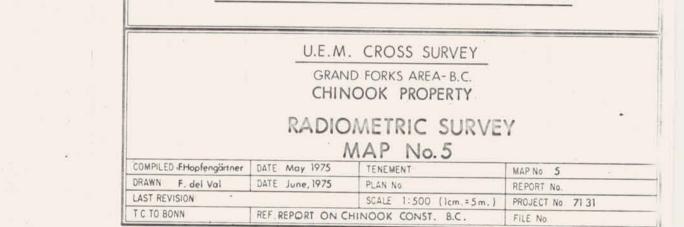
LEGEND

.

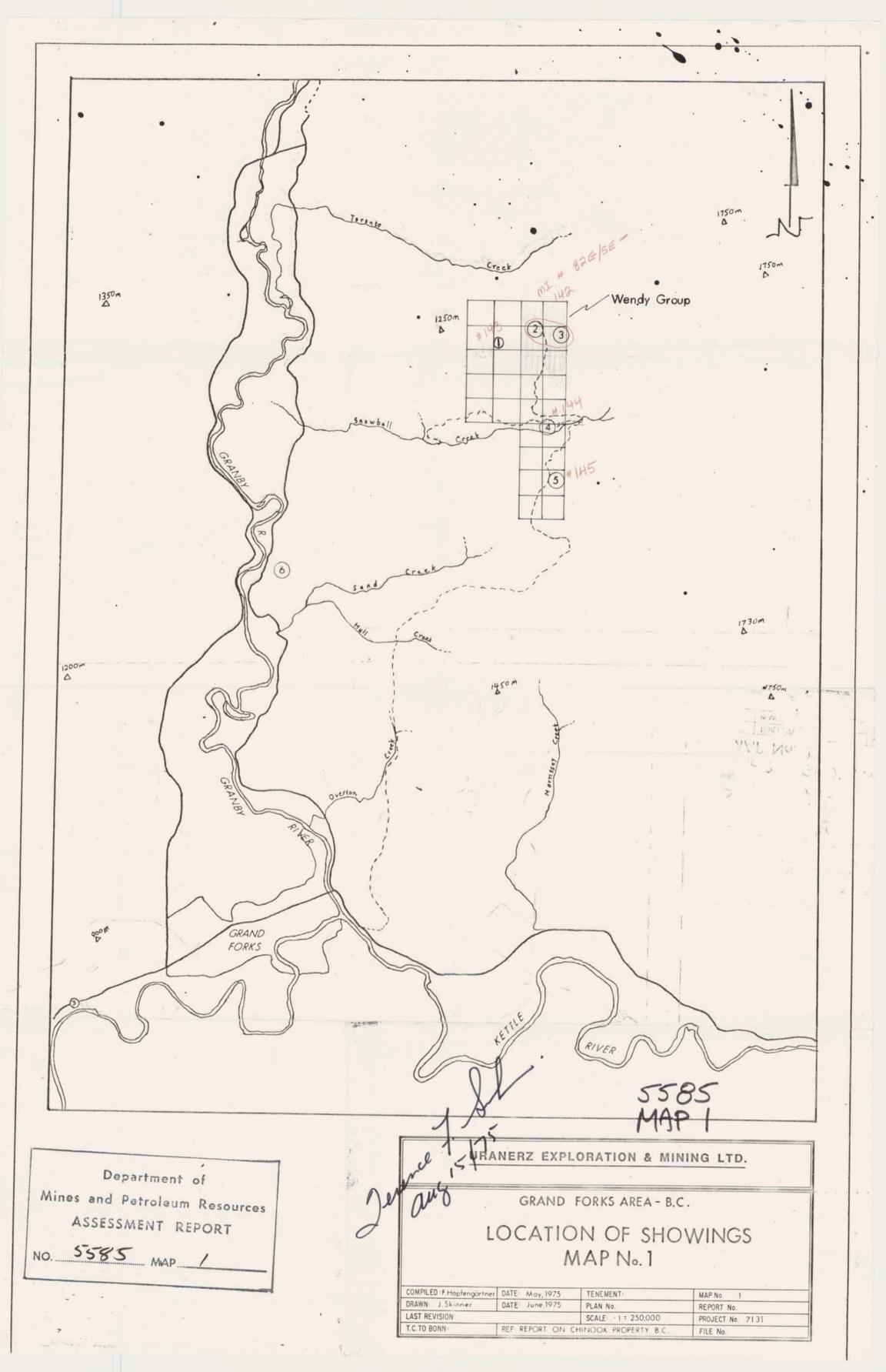
4

CONTOUR LINES

---- Readings on the ground



4



			1 -2 1	672 1	int 1	79	-71	175	7.5	- 47	44 1	÷	· c	-3-1		1
201	PAT 5	IPAT 4	82	83	8	33205	Maria	111	3.5. 98	"ve"	35440	33442	334.28		33432	15.1501
939	37151 2	37/50E	33211	33209 BH	BH	# /U	33203 BHU 20	33201 8N 16	3. Sal	33/47	31	24	58	500-	The last	ACU
2=	PAT II	P.97 6	BN20 33210	26	24	22	H .	1 40/	Sile	NO	35+34	5 441	R	35424	33431	Se Si
	31153E		33210 BN 27	33208	33206	35204	33202 BNC	33200 BH	33193	33146	84	3.4	33421	50	50	4
	9	eer	To	20	23	BH	19	17	11	01	1		13319	33300	33521	3.5.21
	37155E	37154E	33217	Co"	33213		0	33/89	1.1	14	33195		1:00	16	THN	TUN
	PAT	PAT 10	8H34 H	X	BH 0 33		4	6	13	33/93	3.412	1 1 2	15 C	X	15	+ 0
			33216	33214	332/2 BH	33184	33186	and the second se	1%	3.9192	33194	1.0		33313	35519 THN	33520 THN
	1		BRI	BA	29	BHI	·BH3	+	33190	349	BAI	· /:	-13c.	140	THAN	THE
13764	ae	34361	34358	1 11	33345	10	33097	500	OAMMA	GAMMA	33/034	33/10H	33315	1.11	335/7 THA	335/6
FI	1	GR 42	100	40	77	· 50 78	23	24	111	12	35	36	111-	1	TAN	1
FP3	6835	Freda	3435%	34357	33.43	33344	WENDY	WENDY	WENDY	37315K WENDY	SD SD	53/05.4	38819	a 14/4	33515	THN
11 P	IV IIC'	400 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	+ 3436C P CFA.	GRU 38	75	176	19. 37322K	20 37323K	9	10	39	34	-4°	100	9/2	2ch
16 3	6097	33955		34355	39341	33348	WENDY	The second second	37312K WENDY	37313K WENDY	33105H	321664	35311	3.832	13513 THN	533.14 T.N.N
101.	V 13	PBE 96	35U	- GAU	50 73	74	17 37320K	18	7	8	50-	50	- c	"Ac/	70	80
1334	-1 0	5 33256		94353	33339	33340 50 72	WENDY		37310K WENDY	37511K	HEOLEE SOUCE	33104 H	33300	13,53/2	24511 THN	33512 THN
PBE	PBE 93		Sar/	340	71		15	16	5	6	500	30	12 4	G-61	50	6:
1330		0	34350	34351	33337	33938		350K 373	10	765 AGOELE	33/0/H	SOCH	23:67	33308	33509	335.0
PBI	91	92	GA	GR C	10.	50 70	121	3	-	1 1	5DC	28	3	4	THN	TAN 4C
3335	3 3395	33952			33335	33336	139 139		DAR 200	ST307K WENDY	38099H	-33/00	33 305	35906	35507	33508
PBE			GRC 29	GAC 30	507	568	3. ==	5	+ 6	#2	50 C/1			===2	THN	THN
335	3394	9 33980	34346	34347 0A	P. 34321	1 P +34320	3.3.322	3332	31532K	16 == " 37333K	33/65	33/64	35182	33/83	338EE	33823
PBE	~ ~			28	GRC		ANC	35325	27	N	2	33/67	5065		4AAA 90	HARA IOC
1335	K	IR.	90w	34365	A	34322	33324	Cr.	37330K	37331X		13/66	33/80	10	33820	33821
PBE	PBL	die .	2	0 a 1	134323	5.R 3 C	ANC	ANC	25	24	50,40	1. 1.	63	50	NAKA 7	KAKA BC
3335	3394	5 3940	34367	34366	94325	A SALE PLATER A		33325	37328K	BT329K WENDY			C	1379	33818	33819
PBE 13	PBE	PBE 04	58 c-	GA C	BRC	G.R 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AN	23 .	24	SEC	50	50	50	KAKA 5	KAKi
33361	3394	3 33941	34369	34368	34327	34326	35328	33327	31326K	37327K	33171	-	39176	33177	35816	33817
PBE	PBA	PBE	38	98 v	gre	GAC	B	131	21	V 22	340	53	59	50	14AA	HARA AC
K 1336.	3 3394	1 3394E	34371	34370	A CONTRACTOR OF T	34328				- 1133/62	33/73	33172	33174		33814	33815
PBE 17 C	PB1 79		GR -	390	GR		AN	AN	50	1	50	- <u>50</u> 35 .	50	50	KAKA	RAKA
3336	5 3393	9 33940	34373	3437E	34331	34350		1 C.	33231	33230	13248	332.49	33251	93250		
PBE	PBE	PBE TO	340	GRU	愛し			10	FATE	FAT	AZY	FAT	FATZE			
	3376		34375	P 5	and		33334	55393	33233	33232	33246	33247	33253	33252	34209N BLACK	34EUTA BLACK
	PBE	PBE 59	# SGC	55	34333	13 c	PAR	Be	FAT	FAT.	FAT	FAT 18		EAT 23	JACK	JACK
13	AT =	33758	34377	34376	34735 GR 4	34334 . 	3434/ 942 C	34300	- 3-	33234	39244	332145	33255	33254	34208i	34206. E'ACK
103	Cosco.	PBE	58	380	16 #			GR 21.C	33235	FAT	15	FATE	FAT	ES.	JACK 9:-	JACH
Pace 358	X	3338;	P 34379	34376	34337	34336		34342	35237			33243	33257	33254		
ACE	1	PBE	28	198 ·	1.98.0	·94 c	.ZAC	CAR 23C	Far	FAT .	FAT 13	FAT	FAT28	FAT	1 1	1
¥	1	2.7393	and the second se	33726	34339	34338	34345	34344	33239	332.38	332.40	3324)	33239	332,59	3313	SH
J6088	STRAA.	PBE 3T	33727	100	GRAC	GRAC	88c	GA	FAT	FAT.	FAT	FAT	FAT	29 331		GE
TERRA	1 K 3338	6 33385	HORE	· K	Cr.		M	AP A	IS O	F	1			P	2/01	BBIST H PUDGI
	PBE		33:20	33728	1. 2 Car 1.		S 1. 1 (1997)	TAN		<	558	35	-	Y	PUDGE	124
33377			4 CH		LAND LORD	The second	1000	1.1.1	1. 6. 5. 1.	M	AD /	10		1	4	~
PBE 31	P5#	PBE	33751 40	33730	A 12 1 1 1 1 1 1 1 1 1	- 8	2 E/	100	N	T	TP .C	0		1.	CI	
3337		S. A. MAN	a free free free free free free free fre	and the second se		april .	and the	Copena -	12 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 .	1	1	and a	1 4 4 B	1.		323
PBE		North Cas	373 AC	3 33732 HO		A ROLL	3726	9x 372661	7	- A	3842				29065	A designed and the second seco
7			HC	-	Cr.	1	FRY		ten	36-110	A 36416	15 16		1. 3	C 22	-306s
IB TE	XB	14 No. 2 12		3373			31268	K 37267		Tan 14	1 TOM	36423.		1	29067	
285	62B TEX	10 3180		1 400	20 10 A 15 A 20	7.72	FRY	FRYZ	1.3%	39417	130	100	Tom	1	~ 24.	-23 -23
85630	285	THE	A AN	9 3379		COL 1200		1	1 120	12 k	36416A	36425A		12	£ y = = ;	E
FVQ	28563.9	Y 43'	OFRI	3 IEC	1 1 m 1 1 1 2 3	Sec. 2.	Nga	Contraction of		Sem 15 A	36414 A	TOM	TOM	1	- 26	Mox 25
X	1	T	2 333	12 3374	1 3:7-1	a	Strates	to the second	2 1 12	EILEI 37 20	N EILEE	1.0	39426A		29071 Mox	2907
P.	0	V 9 31A	11/19	100	1 15 0	1.	an Cari	- Series	····	19	5 37200	364	TOM	1 m 1	28	Mor 27
1011	T	S.S.	. 1		5	2.1		E	-	56413 A	9 3 200418		6240 A	21.14	29073 Mon	29071 Mar
1/297	25 6	P. Haller	1		/	- Asser	(30	MORIN	30	. C. AY		Tom	Tour.	(Arrest	Carles Carl	
							3. 1	aren la	and the		And the second		and the party of	a more loop and	10 - 10 - 20 - FOI	and the second second