

Greg Tillson has copies available of leave status information available within one month

CYPRUS ANVIL MINING CORPORATION

cc Dick Hogan.

GEOLOGY AND EXPLORATION MEETING, 23 APRIL 1985

006216

LAND

Since the last meeting two packages of assessment work have been filed. One near the Faro deposit was based on diamond drilling done in the spring of this year. Four years were applied to any claims within reach of the drillholes. This plus filing done last year brings expiry dates for claims near the deposit to 1993 and 1997. Between Faro and Grum roadwork (the upgrading of the mine access road) was filed on claims needing assessment in the next few years. This brings all these claims up to the 1989 expiry date of nearby claims.

Several mineral leases in the Vangorda area expired in January and the renewal process has been initiated. Several more leases (21 year term) will expire in June, these will be renewed.

Major areas where assessment will be a problem in the short term are the East Swim Basin, Urr Barite area, Lower Anvil Creek and some joint ventured claims northwest of the Faro deposit. In all these areas the only qualifying work is expensive physical work or cash in lieu of assessment.

The Lower Anvil Creek claims will be dropped. While this area does not lack exploration potential it is one of our of lower priority areas and there is no chance that work could be done in the foreseeable future. The annual holding costs are high compared to other areas such as Torrens.

There is a high probability of ore discovery in the East Swim Basin; drilling has been proposed in the vicinity of Moose Lake to test geophysical and overburden geochemical anomalies. These claims should be retained.

Drill AFG
\$150,000.00
proposed.

Urr Barite claims will be retained as this barite deposit may become of considerable value when oil and gas drilling accelerates in the north.

2000 in lieu
of work

The area northwest of the Faro deposit deserves careful investigation since arguments can be made that it is highly likely that ore will be found in this area if certain geometric constraints are met. These claims should be retained and geologic investigation undertaken at the earliest possible date.

10000 / annum
in lieu of work.

Outside the Anvil District two claim groups are coming due shortly, Kniel and Gin. Both these groups will be dropped.

Cominco has been looking into participation in the Akie District claims in northeastern B.C.. Their interest is primarily in the exploration potential of properties other than Cirque. It is emphasized that the district should be maintained as a package and that any deals should carry a commitment to move the district towards development through accelerated work commitments. As of now no proposals have been put forward by Cominco.

Cominco has also looked into the MM and JJ claims in the Pelly Mountains but again no proposals have been made.

The Torrens Coal property will be retained for at least another year. During that year a decision on its long term fate should be made. This is a major coal deposit and a potentially valuable property that deserves detailed consideration in light of its modest holding costs.

A database has been partially constructed to aid in the maintenance of claims and leases. The general organization of this database will be discussed. Examples of preliminary hard copy reports are attached.

GRUM STRUCTURAL INTERPRETATION

The ongoing detailed re-interpretation of the Grum deposit has continued with good progress made on drafting of cross and long sections. Drafting continues to be the rate limiting step but shifting activities to the G-2 computer model will alleviate this blockage. We require about one month of temporary help to Xerox drill-logs and organize long section binders.

Ted to
arrange
part time help.
8 hrs/day
student/USC

G-2 COMPUTER MODEL OF GRUM

A section based computer model of the Grum deposit started in 1983 will be finished to give preliminary data for evaluation of the Vangorda Plateau properties by Pincock Allen Holt. While this model is only of an interim nature it offers substantial improvements over existing models and with the Mintec system "in house" it warrants completion. This model will provide a model for Grum that is on the same order as the F-3 model at Faro and is thought to be adequate for long range planning.

The major improvements that the G-2 model offers over other models are 1) smaller block size and thus greater resolution of detail and 2) addition of geologic control to grade interpolation which will counteract excessive smoothing of grades thought to have taken place in earlier models. We expect that the effect of 1) will be to increase the tonnage and 2) the grade, both of which other models appear to have understated

Editing of data is underway and at the present time we see no reason this will not be finished in time to coordinate with installation of Mintec software in June.

The G-2 model is not adequate for short term planning purposes and a successor model based on the structural interpretation described above will be needed.

A report has been prepared on the orientation of S_2 at Grum from the point of view of pit slope stability. The conclusion of this work is to reiterate that more information will be needed in the area of the northeast wall of any Grum pit before the economics of Grum can be established. Drilling of oriented core will be required to provide this information.

production of
mining reserve
for PAH
G2 data edited
to work with
software by June
Geological Model by end
June.

VANGORDA PLATEAU PROJECT

Little office followup has been made on field work done on the Vangorda Plateau in 1984 but a preliminary interpretation has been made. Maps and sections showing this interpretation will be displayed and the exploration implications discussed. A short report on this work is available.

G. A. Jilson

L. C. Pigage

ANVIL DISTRICT
-----FARO

CLAIM-NAME	CLAIMS	HECTRES	OWNERS	PERCENT	ACCOUNT-CODE
MC	11	229.9	C.A.	100.00 %	1411
OK	8	167.2	C.A.	100.00 %	1411
RCC	6	125.4	C.A.	100.00 %	1411
AREA TOTALS	25	522.5			
PROJECT TOTALS	25	522.5			
FINAL TOTALS	25	522.5			

ANVIL DISTRICT

FARO

CYPRUS ANVIL MINING CORPORATION				MO	WHITECRSE	105-K-6	
CLAIM NUMBERS	GRANT NUMBERS		STAKED BY	DATE RECORDED	NAME (TRANSFER DATA)	DATE	DUE DATE
C TO	6	Y6072E	Y6C72E	1	J. GONDI	07-JUN-71	01-MAR-89
1 TO	1	Y6072Z	Y6C72Z	1	J. GONDI	07-JUN-71	01-MAR-85
2 TO	5	Y60724	Y6C73D	6	J. GONDI	07-JUN-71	01-MAR-89
11 TO	11	Y62226C	Y62226C	1	M. MACINNIS	12-OCT-77	03-MAY-85
1C TO	1C	Y622259	Y622259	1	M. MACINNIS	12-OCT-77	01-MAR-89
5 TO	6	Y60731	Y6C731	1	F.M. PETTIGREW	07-JUN-71	01-MAR-89

CYPRUS ANVIL MINING CORPORATION				CK	WHITECRSE	105-K-6	
CLAIM NUMBERS	GRANT NUMBERS		STAKED BY	DATE RECORDED	NAME (TRANSFER DATA)	DATE	DUE DATE
E TO	E	Y7950F	Y7950F	1	C.R. WCLFE	05-JUL-74	03-JUN-85
1 TO	7	Y795C2	Y7950F	7	C.R. WCLFE	05-JUL-74	01-MAR-89

CYPRUS ANVIL MINING CORPORATION				RCC	WHITECRSE	105-K-6	
CLAIM NUMBERS	GRANT NUMBERS		STAKED BY	DATE RECORDED	NAME (TRANSFER DATA)	DATE	DUE DATE
4 TO	4	Y78031	Y78C31	1	A. ALLAN	19-NOV-73	03-OCT-85
5 TO	5	Y78032	Y78C32	1	A. ALLAN	19-NOV-73	03-NOV-85
6 TO	6	Y78033	Y78C33	1	A. ALLAN	19-NOV-73	14-APR-86

TOTAL CLAIMS IN AREA 22

VANGORDA

CYPRUS ANVIL MINING CORPORATION				ROC	WHITECRSE	105-K-6	
CLAIM NUMBERS	GRANT NUMBERS		STAKED BY	DATE RECORDED	NAME (TRANSFER DATA)	DATE	DUE DATE
1 TO	1	Y7202E	Y78C30	1	A. ALLAN	19-NOV-73	01-MAR-89

TOTAL CLAIMS IN AREA 1

TOTAL CLAIMS IN PROJECT 25

CLAIMS DUE WITH-IN OVER 1 YEAR FROM TODAY 22-APR-85
 =====

ANVIL DISTRICT

FARO
 =====

CLAIM NAME	GRANT-NUMBER	DUE-DATE	DAYS TILL DUE	RECOMMENDATION
MC 2	Y6C724	01-MAR-89	1409	-----
MC 3	Y6C725	01-MAR-89	1409	-----
MC 4	Y6C726	01-MAR-89	1409	-----
MC 5	Y6C727	01-MAR-89	1409	-----
MC 6	Y6C728	01-MAR-89	1409	-----
MC 7	Y6C729	01-MAR-89	1409	-----
MC 8	Y6C730	01-MAR-89	1409	-----
MC 9	Y6C731	01-MAR-89	1409	-----
MC 10	YA2225C	01-MAR-89	1409	-----
OK 1	Y795C2	01-MAR-89	1409	-----
OK 2	Y795C3	01-MAR-89	1409	-----
OK 3	Y795C4	01-MAR-89	1409	-----
OK 4	Y795C5	01-MAR-89	1409	-----
OK 5	Y795C6	01-MAR-89	1409	-----
OK 6	Y795C7	01-MAR-89	1409	-----
OK 7	Y795C8	01-MAR-89	1409	-----

TOTAL CLAIMS DUE AREA 16

VANGCRDA
 =====

CLAIM NAME	GRANT-NUMBER	DUE-DATE	DAYS TILL DUE	RECOMMENDATION
RCC 1	Y78C28	01-MAR-89	1409	-----
RCC 2	Y78C29	01-MAR-89	1409	-----
RCC 3	Y78C30	01-MAR-89	1409	-----

TOTAL CLAIMS DUE AREA 3

TOTAL CLAIMS DUE PROJECT 19

TOTAL CLAIMS DUE THIS DATE 19

TOTAL CLAIMS DUE ALL DATES 24

CLAIMS LAPSED IN LAST YEAR FROM TODAY 22-APR-85
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ANVIL DISTRICT

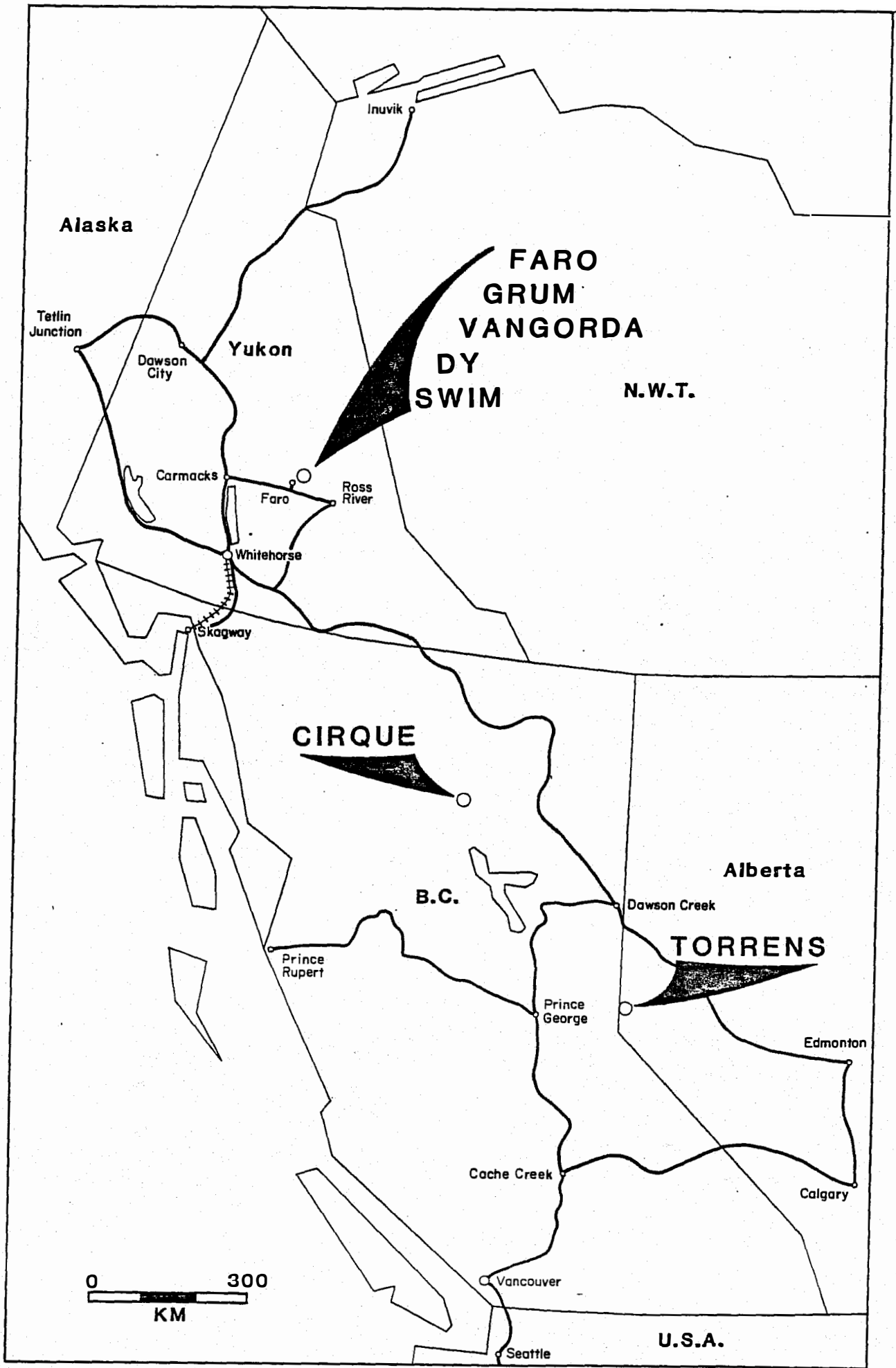
FARO

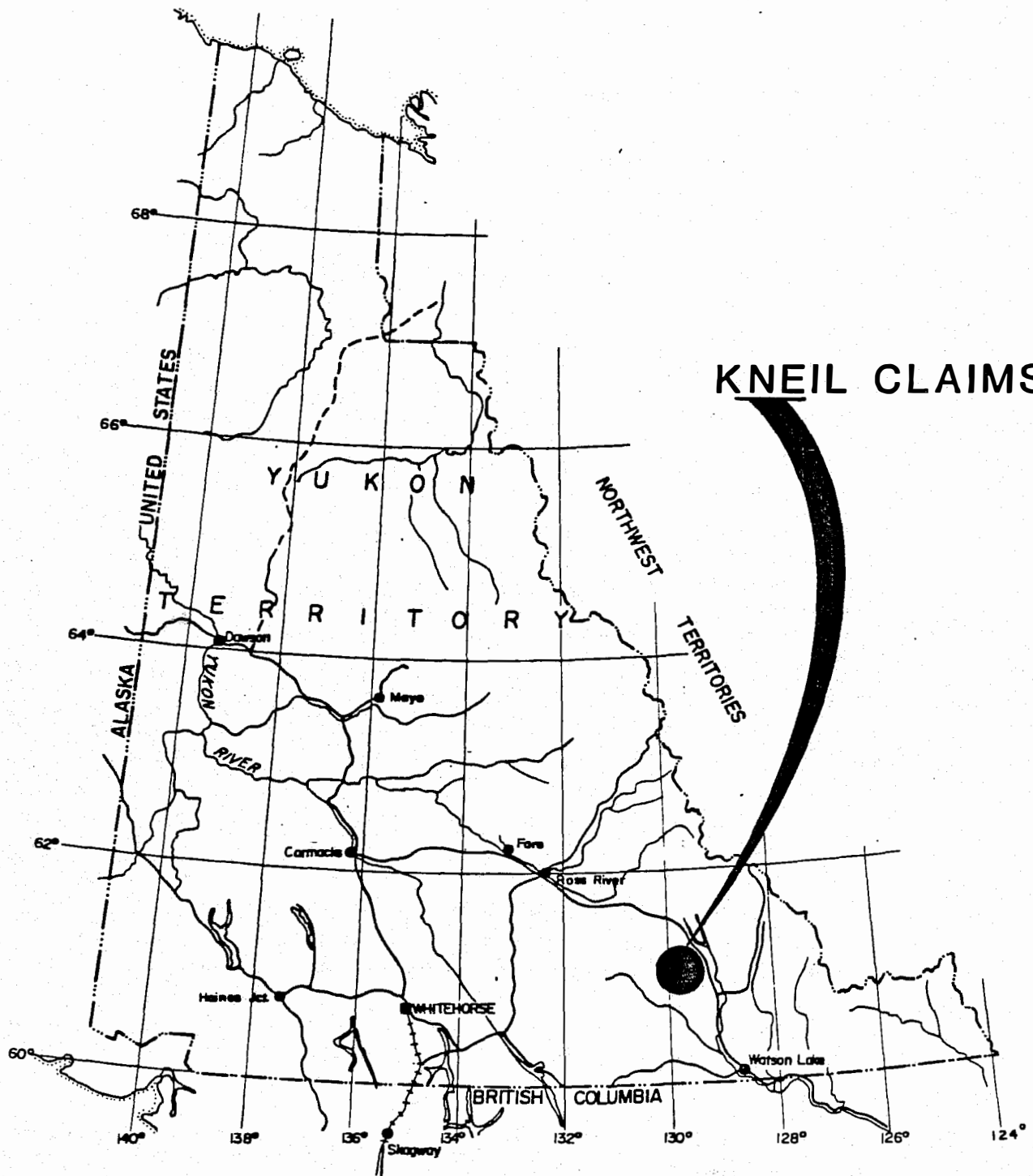
CLAIM NAME	GRANT-NUMBER	DLE-DATE	ELASPEC DAYS	RECCMMENDATION
RCC 5	V72C22	03-NOV-85	-195	-----
RCC 6	V72C33	14-APR-86	-357	-----

TOTAL CLAIMS ALLOWED TO LAPSE APEA 2

TOTAL CLAIMS ALLOWED TO LAPSE PROJECT 2

TOTAL CLAIMS ALLOWED TO LAPSE THIS DATE 2



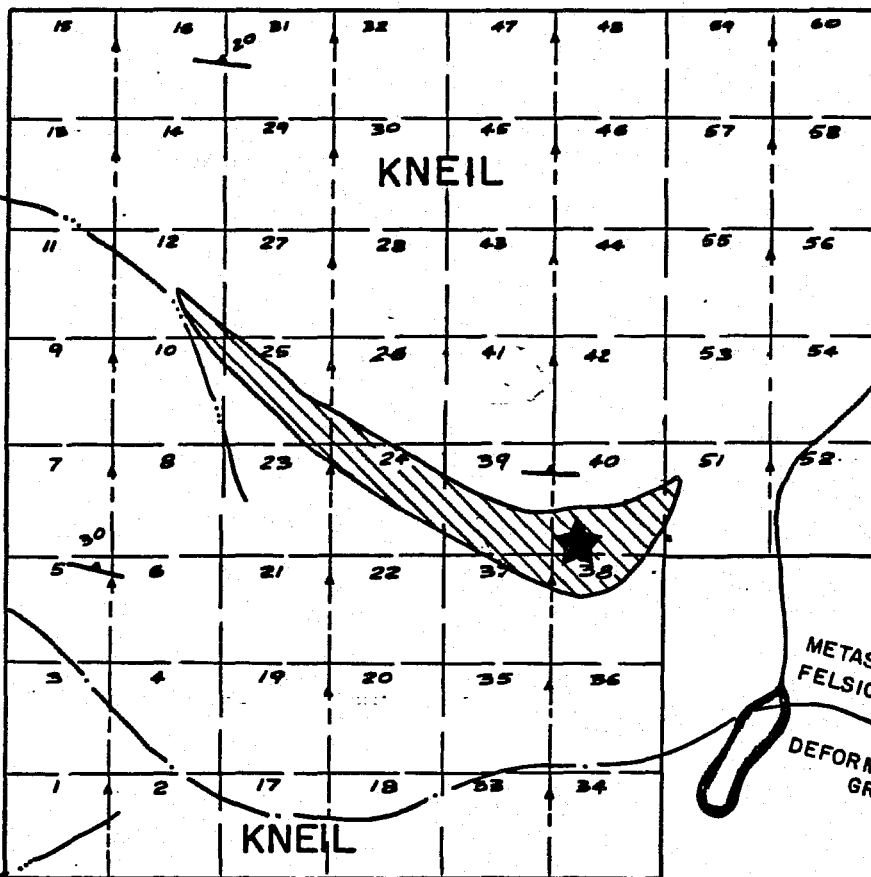


KNEIL CLAIMS

**CYPRUS ANVIL MINING CORPORATION
LOCATION MAP**

**YUKON
SCALE · 1" = 100 MILES**

FIGURE 1



METASEDIMENTS &
FELSIC METAVOLCANICS
DEFORMED DEVONIAN
GRANITE

LEGEND:



GEOCHEMICAL ANOMALY



COPPER-LEAD-ZINC SHOWING

CYPRUS ANVIL MINING CORPORATION

KNEIL CLAIMS

YUKON TERRITORY

SIMPLIFIED GEOLOGY MAP

NTS: 105-M-4
SURVEY BY: G.J.
DRAWN BY: r.m.c.

DATE: APR. 1982 FIGURE 2
SCALE 1" = 1/2 MILE

CYPRUS ANVIL MINING CORPORATION

PROGRESS REPORT -

COMPUTER PLOTTING OF DDH TRACES

Proportion Completed:	November 1984	April 1985
Cross-sections	70%	100%
Long-sections	32%	58%

Creation of tapes for plotting at Dome, Calgary is progressing smoothly. The tapes are well ahead of drafting requirements.

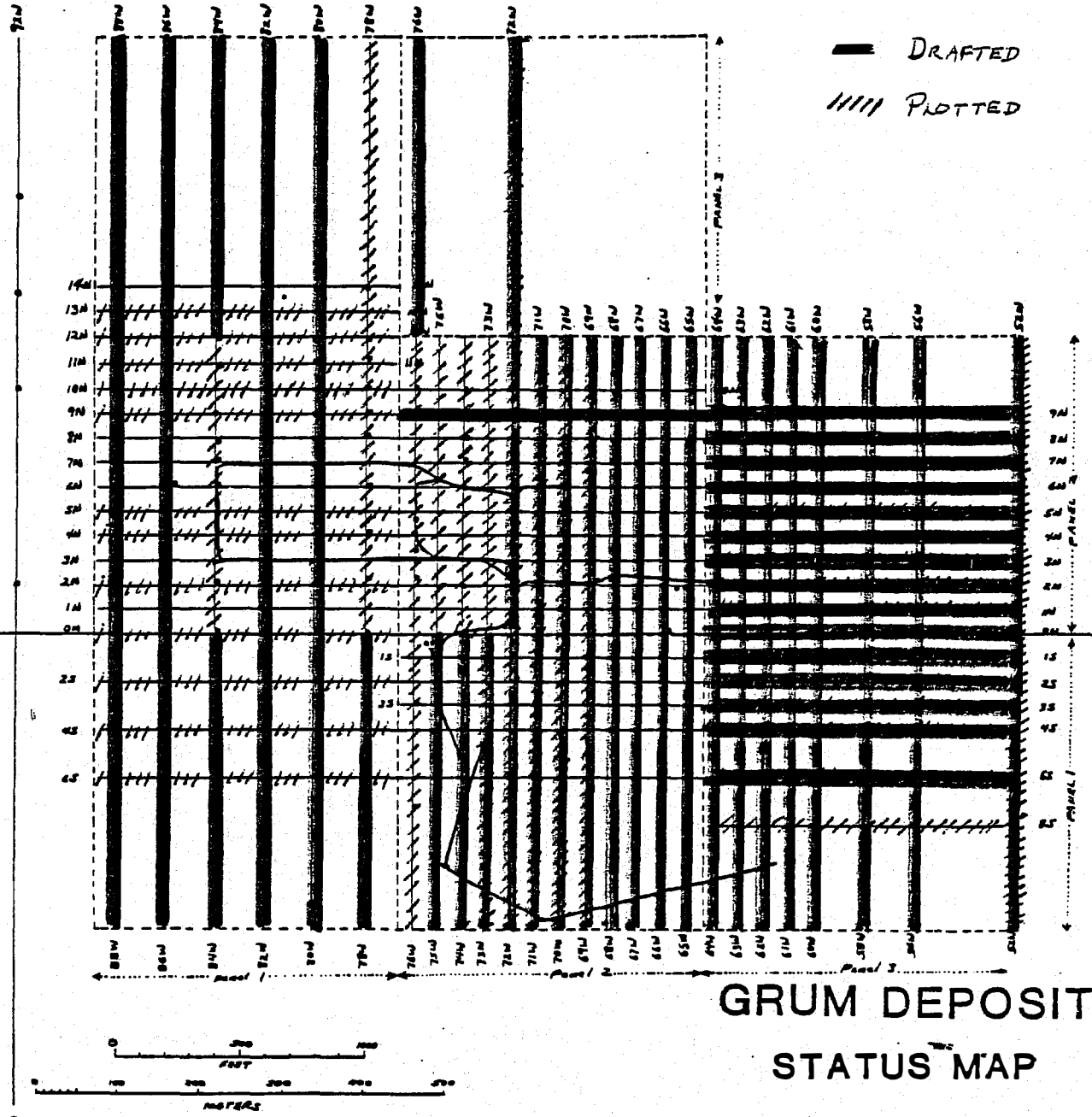
PROGRESS REPORT -

DRAFTING OF SECTIONS

Proportion Completed:	November 1984	April 1985
Cross-sections	37%	88%
Long-sections	10%	32%

Drafting of the Grum cross and long sections is also progressing satisfactorily. It is anticipated that all cross sections will be completed by mid-May (our earlier prediction was June 1).

GRUM PROGRESS - DRAFTING



GRUM DEPOSIT - INTERPRETATION

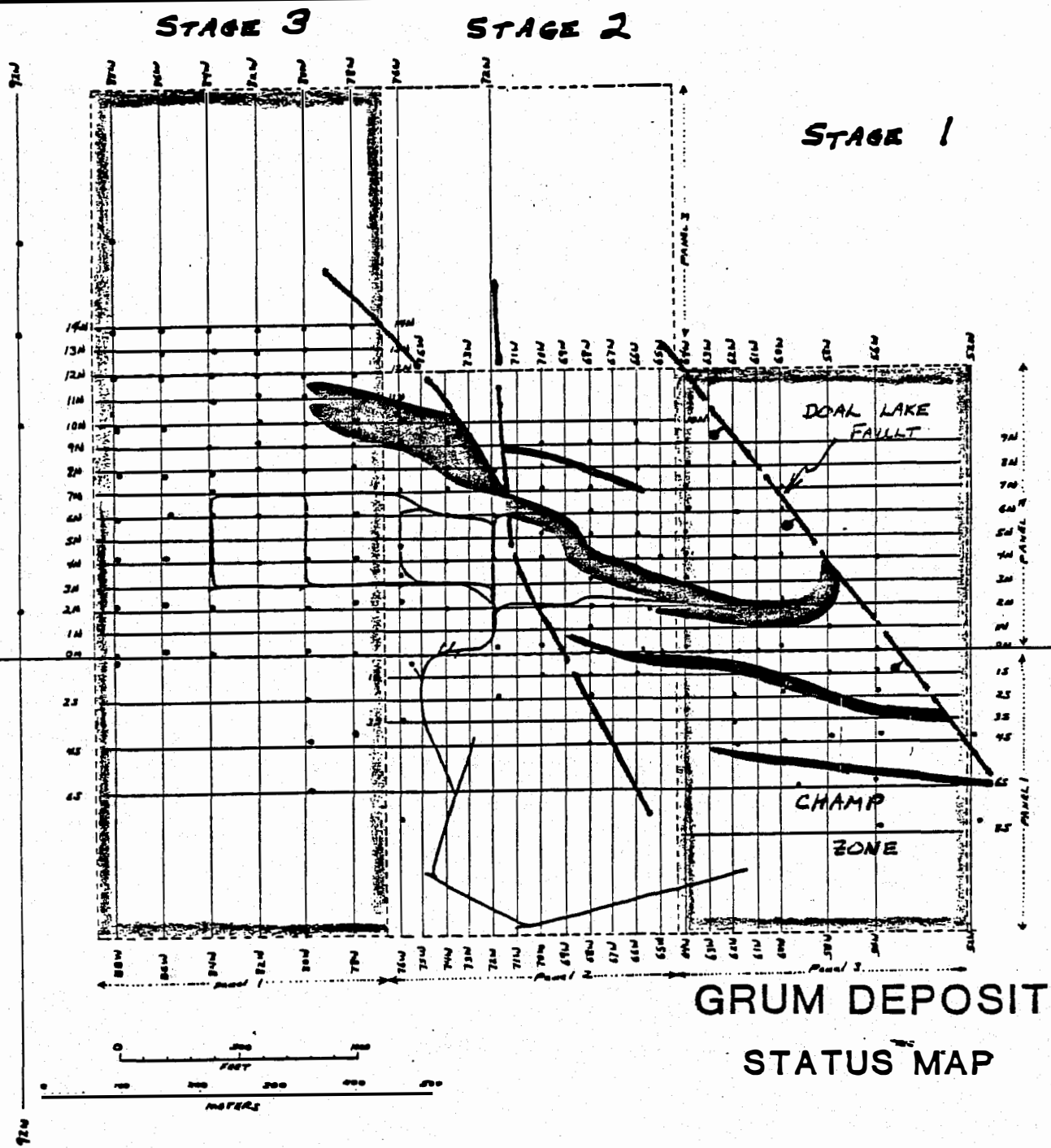


Figure 1. Plan view of Grum deposit with cross and long sections indicated. Interpretation of sections will start with Stage 1.

