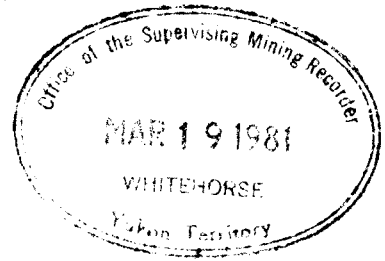


120079



TRENCHING PROGRAM
ON THE
SWEDE - SECRET CREEK
PLACER LEASES: 5156, 5327

TRENCHING PROGRAM
ON THE
SWEDE - SECRET CREEK
PLACER LEASES: 5156, 5327

Mayo Mining Division

N.T.S.: 115 P/16, 105 M/13
63°58' Latitude, 136°00' Longitude

Located 32 kilometres northeast of Mayo, Yukon Territory
on Swede and Secret Creeks

Owned by:

CANADA TUNGSTEN MINING CORPORATION LIMITED
Executive Office
Box 12525, Oceanic Plaza
Ste. 1600-1066 W. Hastings St.
Vancouver, B.C. V6E 3X1

Work by:

BEMA INDUSTRIES LTD.
19945-56th Avenue
Langley, B.C. V3A 3Y2

G.D. Nordin, B.Sc.

February, 1981

TABLE OF CONTENTS

	<u>PAGE</u>
1.0 INTRODUCTION	1
1.1 LOCATION AND ACCESS	1
1.2 PHYSIOGRAPHY	1
1.3 PROPERTY	2
2.0 BACKHOE TRENCHING	3
COSTS	5

LIST OF FIGURES

Figure 1 - Key Map	Approximately Scale 1:5,000,000
Figure 2 - Regional Plan	Scale 1:250,000
Figure 3 - Trenches T-1 to T-17	Scale 1:5,000
Figure 4 - Trenches T-18 to T-24	Scale 1:5,000

LIST OF TABLES

Table 1 - Placer Lease Description
Table 2 - Excavator Trench Data

TRENCH SAMPLING PROGRAM

ON THE

SWEDE - SECRET CREEK PLACER LEASES: 5156, 5327

1.0 INTRODUCTION

The Placer Leases 5156 and 5327 are owned by Canada Tungsten Mining Corporation Limited. Bema Industries Ltd. was contracted to carry on a backhoe trenching program on the placer leases during the 1980 field season.

Work done consisted of the excavation of twenty-four (24) backhoe trenches on the leases, fourteen (14) on Placer Lease 5327 and ten (10) on Placer Lease 5156.

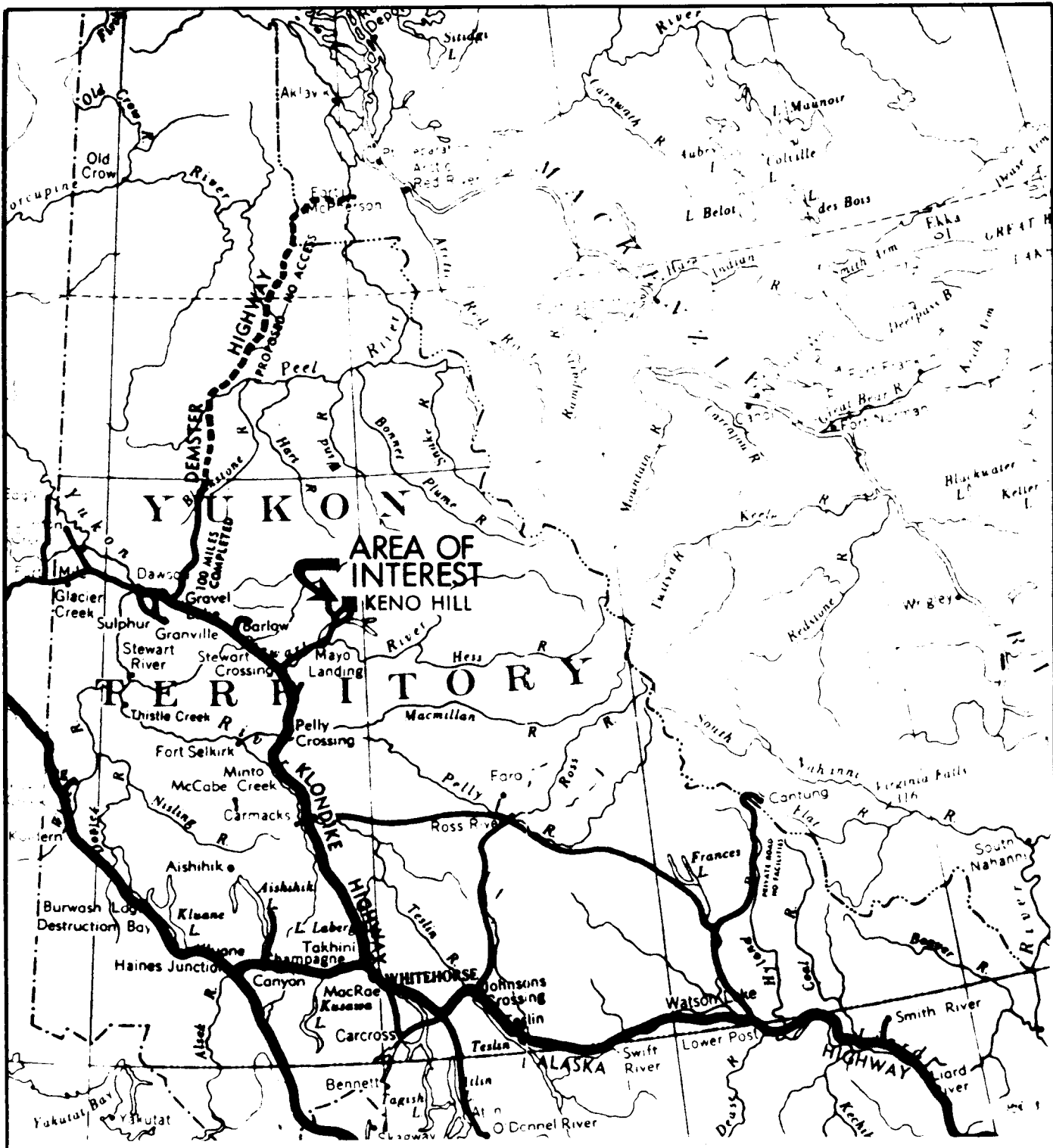
This report describes the work done during the 1980 trenching program.

1.1 LOCATION AND ACCESS

Placer Leases 5156 and 5327 are located 32 kilometres northeast of Mayo, Yukon Territory on Swede and Secret Creeks respectively at 63°58' latitude and 136°00' longitude. Access to the claims is by the Dublin Gulch-Mayo road, 64 kilometres northwest of Mayo to the mouth of Swede Creek. A rough 4-wheel drive road skirts and follows the creek bed of Swede Creek for 2.5 kilometres from its juncture with Haggart Creek, then turns northeast parallel to Secret Creek towards the Peso Silver property. Swede Creek is the name given to the main creek on the claim map and Secret Creek is a northeast branch of Swede Creek.

1.2 PHYSIOGRAPHY

Swede Creek has a broad 200 to 300 metre wide valley with a flood plane 3 to 4 metres above the 5 to 10 metre wide active creek bed. Permafrost is present over the whole valley floor except within 10 metres of the active stream. The Secret



CANADA TUNGSTEN MINING CORPORATION
 SWEDE /SECRET CREEKS Y.T.
 1980 TRENCHING PROGRAMME

**SECRET CREEK
 KEY MAP**

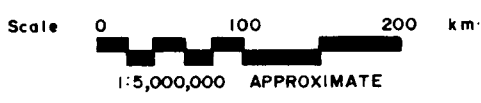
DATE: FEBRUARY 1981

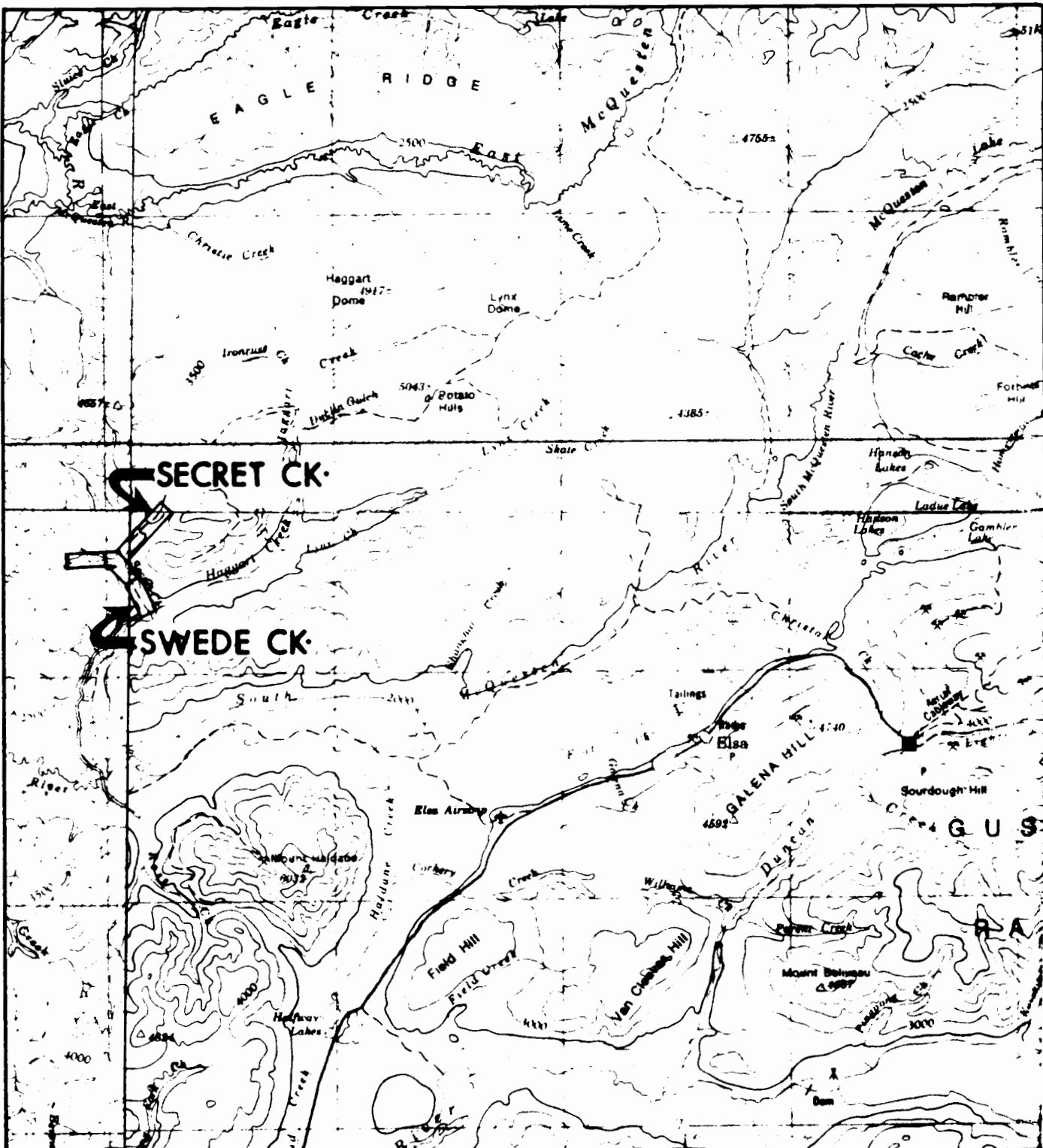
JOB NO.: 80-32-G

REVISED BY:

FIG. NO.: |

▲▲ BEMA INDUSTRIES LTD.



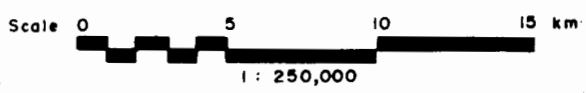


CANADA TUNGSTEN MINING CORPORATION
SWEDE/SECRET CREEKS Y-T
 1980 TRENCHING PROGRAMME

**SECRET CREEK
 REGIONAL PLAN**

DATE: FEBRUARY 1981	JOB NO.: 80-32-G
REVISED BY:	FIG. NO.: 2

▲▲ BEMA INDUSTRIES LTD.



.... /2

Creek valley is steep-sided on the east and on the west it has a level 50 metre wide lower bench on the river and a 50 to 100 metre wide upper bench.

Bedrock was encountered during trenching on the lower end of Swede Creek at 3 to 4 metres in trenches T-1 to T-9 and along the entire length of Secret Creek at 3 to 5 metres. The upper section of Swede Creek is covered by greater than 6 metres of fine iron-manganese stained gravels with sand-silt laminations.

1.3 PROPERTY

The Swede and Secret Creek property consists of two placer leases, Placer Lease 5156 located on Secret Creek and Placer Lease 5327 located on Swede Creek. A detailed description of the leases appears below in Table 1.

TABLE 1

PLACER LEASE DESCRIPTION

<u>PLACER LEASE NUMBER</u>	<u>DESCRIPTION</u>	<u>EXPIRY DATE</u>
5156	2 Mile Placer Lease 2 miles upstream from the confluence of Swede and Secret Creeks.	March 31, 1981
5327	3 Mile Placer Lease 3 miles upstream from the confluence of Swede and Haggart Creeks.	July 2, 1981

.... /3

2.0 BACKHOE TRENCHING

During the period of August 20 to 30, 1980 twenty-four (24) backhoe trenches were excavated on the Swede and Secret Creek placer leases. A caterpillar Backhoe 235 with a 2.3 cubic yard bucket and 25 foot reach (7 metre) was used in the trenching operation.

On Swede Creek Placer Lease 5327, trenches T-1 to T-14 removed 3169 cubic yards of gravel and on the Secret Creek Placer lease 5156, trenches T-15 to T-24 removed 2161 cubic yards of gravel.

SEE OVER →

A detailed description of the excavator work done in Placer Lease 5327 and Placer Lease 5156 appears below in Table 2 and Table 3.

TABLE 2

EXCAVATOR TRENCH DATA

SWEDE CREEK 3 MILE PLACER LEASE 5327

TRENCH NUMBER	TRENCH DIMENSIONS (yards)			VOLUME Cubic Yards
	Width	Length	Depth	
T-1	4	6	4	96
T-2	5	10	4	200
T-3	6	6	4.5	162
T-4	3	10	5.5	165
T-5	3	19	5	285
T-6	4	9	4	144
T-7	4	7	4	112
T-8	4	14	5	280
T-9	3	14	4	168
T-10	3	14	5.5	231
T-11	4	24	7.5	720
T-12	3.5	20	6	420

.... /4

TABLE 2 Cont.

TRENCH NUMBER	TRENCH Width	DIMENSIONS (yards)		VOLUME Cubic Yards
		Length	Depths	
T-13	3	10	6	180
T-14	4	10	6	240
TOTAL VOLUME				3403

SECRET CREEK 2 MILE PLACER LEASE 5156

TRENCH NUMBER	TRENCH Width	DIMENSIONS (yards)		VOLUME Cubic Yards
		Length	Depths	
T-15	2.5	9	7.5	168.75
T-16	2.5	16	6	240.00
T-17	3	10	6	180.00
T-18	2.5	6	5	75.00
T-19	3	32	5	480.00
T-20	3.5	1.4	7	34.30
T-21	3	10	7	210.00
T-22	3.5	14	6	294.00
T-23	3	14	5	210.00
T-24	4	14	5	280.00
TOTAL VOLUME				2172.05

...../5

COSTS

A total of 3403 cubic yards of material was removed from Swede Creek 3 Mile Placer Lease 5327 and 2172 cubic yards of material was removed from Secret Creek Placer Lease 5156.

Costs to be applied for assessment credit to each lease are as follows:

Swede Creek 3 Mile Placer Lease 5327

3403 cubic yards @ \$1.12 cubic yard = \$3,811.36


Secret Creek 2 Mile Placer Lease 5156

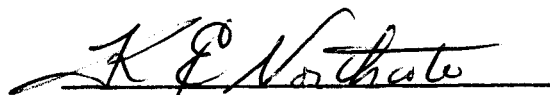
2172 cubic yards @ \$1.12 cubic yard = \$2,432.64

US. 3,169 ?

US. 2,161 ?

.... /6

Report by: 
Gary D. Nordin, B.Sc.
Senior Geologist


Ken. E. Northcote, Ph.D., P.Eng.
Geological Supervisor

STATEMENT OF QUALIFICATIONS

I, KENNETH E. NORTHCOTE OF BEMA INDUSTRIES LTD. DO HEREBY CERTIFY THAT:

1. I am a graduate of the University of British Columbia and hold the following degrees:

B.A. Honours Geology, 1953
M.Sc. Geology, 1961
Ph.D. Geology, 1968
2. I am a member of the Association of Professional Engineers of the Province of British Columbia.
3. I have practised as a professional Geologist since 1953, gaining a wide variety of geological experience with petroleum companies, mining companies and Federal and Provincial governments.
4. I have no interest, direct or indirect, in the property or shares of Canada Tungsten Mining Corporation Limited, nor do I expect to receive any such interest.
5. I have supervised the 1980 summer field program on the SWEDE - SECRET CREEK claims and approved the accompanying report for submittal for assessment purposes.

Signed: _____

K.E. Northcote
K.E. Northcote, Ph.D., P.Eng.
Geological Supervisor

Date: _____

March 6, 1981

STATEMENT OF QUALIFICATIONS

I, GARY D. NORDIN OF BEMA INDUSTRIES LTD. DO HEREBY
CERTIFY THAT:

1. I am a graduate of the University of Alberta
and hold the following degrees:

B.Sc. Honours Geology, 1970
2. I am a member of the Association of Professional
Engineers, Geologists and Geophysicists of Alberta,
and a fellow of the Geological Association of
Canada.
3. I have practised as a professional Geologist since 1970,
gaining a wide variety of geological experience with
mining companies, petroleum companies and the British
Columbia government.
4. I have no interest, direct or indirect in the property
or shares of Canada Tungsten Mining Corporation Limited,
nor do I expect to receive any such interest.
5. I have conducted the 1980 summer field program on the
SWEDE -SECRET CREEK claims and written the accompanying
report for the submittal for assessment purposes.

Signed: _____

Gary D. Nordin
Gary D. Nordin, B.Sc.
Senior Geologist

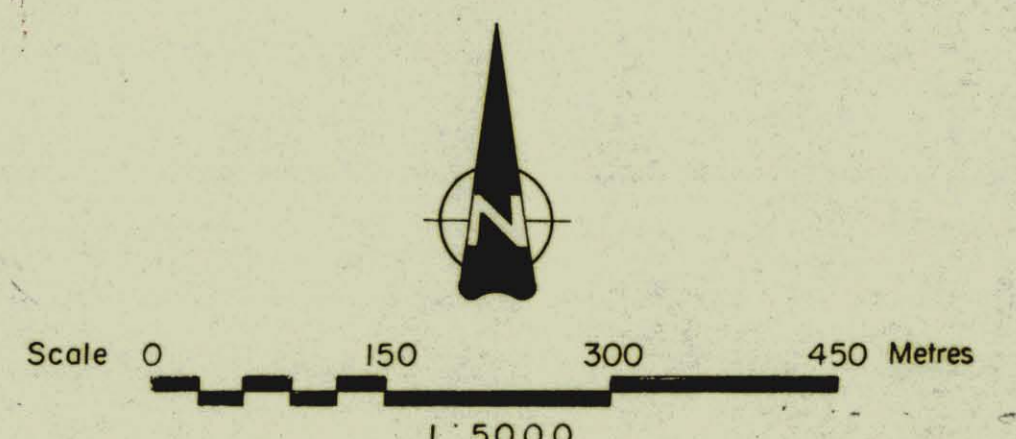
Date: _____

March 6/1981



502111
 086 55

LEGEND -
 SYMBOLS -
 TRENCH & NO. T-0
 OLD CAT STRIPPED AREA
 CREEK
 ROAD



CANADA TUNGSTEN MINING CORPORATION
 SWEDE/SECRET CREEKS Y.T.
 1980 TRENCHING PROGRAMME

SWEDE/SECRET CREEKS
 TRENCHES T-1 TO T-17

DATE FEBRUARY 1981 JOB NO. 80-32-G FIG. NO. 3
 DRAWN BY Thomson Isaak SCALE 1:5000 METRES
 REVISED BY

BEMA INDUSTRIES LTD.

120079-26



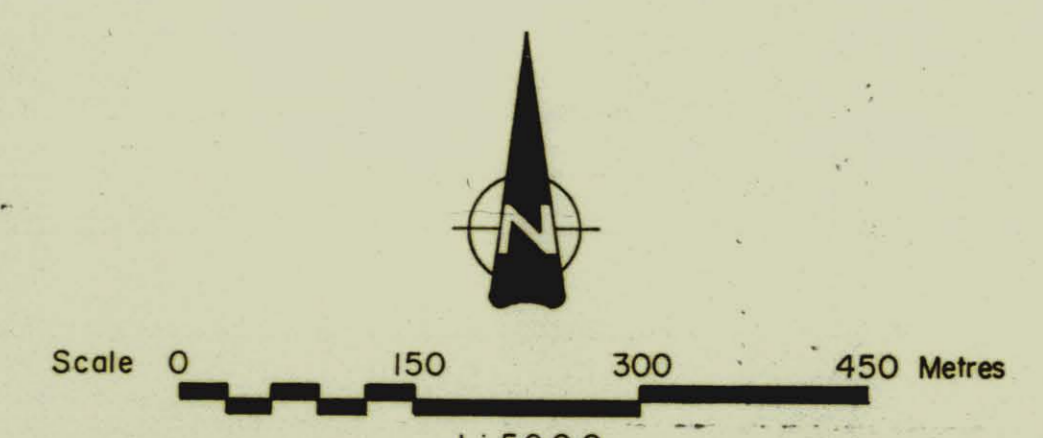
7,099,000 N
7,098,000 N
7,097,000 N
7,096,000 N
7,095,000 N

302,179
402,174
940.53

1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400
3450
3500
3550
3600
3650
3700
3750
3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
4950
5000
5050
5100
5150
5200
5250
5300
5350
5400
5450
5500
5550
5600
5650
5700
5750
5800
5850
5900
5950
6000
6050
6100
6150
6200
6250
6300
6350
6400
6450
6500
6550
6600
6650
6700
6750
6800
6850
6900
6950
7000
7050
7100
7150
7200
7250
7300
7350
7400
7450
7500
7550
7600
7650
7700
7750
7800
7850
7900
7950
8000
8050
8100
8150
8200
8250
8300
8350
8400
8450
8500
8550
8600
8650
8700
8750
8800
8850
8900
8950
9000
9050
9100
9150
9200
9250
9300
9350
9400
9450
9500
9550
9600
9650
9700
9750
9800
9850
9900
9950
10000

PL 5327
PL 5156
SWEDE CREEK
OLD PLACER AREA
T-18
T-19
T-20
T-21
T-22
T-23
T-24

LEGEND -
SYMBOLS -
TRENCH & NO. CREEK
T-O
OLD CAT STRIPPED AREA ROAD



CANADA TUNGSTEN MINING CORPORATION
SWEDE/SECRET CREEKS Y.T.
1980 TRENCHING PROGRAMME

SECRET CREEK
TRENCHES T-18 TO T-24

DATE	FEBRUARY 1981	JOB NO.	80-32-G	FIG NO.	4
DRAWN BY	Thomson Isak	SCALE	1:5000	REVISIONS	

REVISOR

BEMA INDUSTRIES LTD.