Assessment Report On Diamond Drilling Carried Out On The Faro 66 Quartz Claim Grant Number 92354 And Grouping Of Quartz Claims With Faro 66

N.T.S.:	105K-6
Mining District:	Whitehorse
Longitude:	133° 23' East
Latitude:	62° 22' North
Dates of work:	November 4 - December 22, 1983
Owner:	Cyprus Anvil Mining Corporation
Report by:	R.S. Tolbert
Date:	January 23, 1984

CYPRUS ANVIL

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FIGURES

APPENDICES

LOCATION AND ACCESS

The Faro 66 Quartz Claim, Grant No. 92354 is located near Rose Creek, adjacent to the Faro mine 190 Kilometers northeast of Whitehorse. The mine and claim are accessible via the mine access road 20 kilometers northwest of the town of Faro (Figure 1).

PURPOSE OF THE DRILLING PROGRAM

The diamond drilling of four holes - 83F-04, 83F-12, 83F-15 and 83F-19 totalling 3,177 feet (Figure 2)filed in this report for assessment and carried out between November 4 - December 22, 1983 was part of a program to explore for and determine the potential of a geologically inferred extension of the main Faro orebody to the southwest of the open pit area (Figure 2). All holes were drilled at -90° inclination (180° zenith).

DETAIL OF WORK

The diamond drilling was contracted to E. Caron Diamond Drilling Ltd., 7 Roundel Road, Whitehorse, Yukon. The drilling was carried out utilizing a Longyear Super 38 diesel drill retrieving NQ core. All drilling was carried out using mud circulation. The drill crew of four persons worked on 12 hour shifts from 7 am to 7 pm.

The drill crew was boarded at a trailer camp at the minesite with Cyprus Anvil providing fuel, power and water.

All fuel for the drills and water pumps were provided by and at the expense of Cyprus Anvil.

The moving of the drill and mud shack between holes and pad preparation was completed by a Komatsu 355A bulldozer owned, operated and at the expense of Cyprus Anvil.

The deviation of the drill holes from vertical was measured utilizing a Sperry Sun Single Shot Down Hole camera. These measurements are recorded in the Drill Logs Appendix II. This was completed by Cyprus Anvil.

The drill hole collars were also surveyed by Cyprus Anvil using Mine Grid Coordinates and elevations. The mine elevation is 109.24 feet higher than mean sea level elevation measurements.

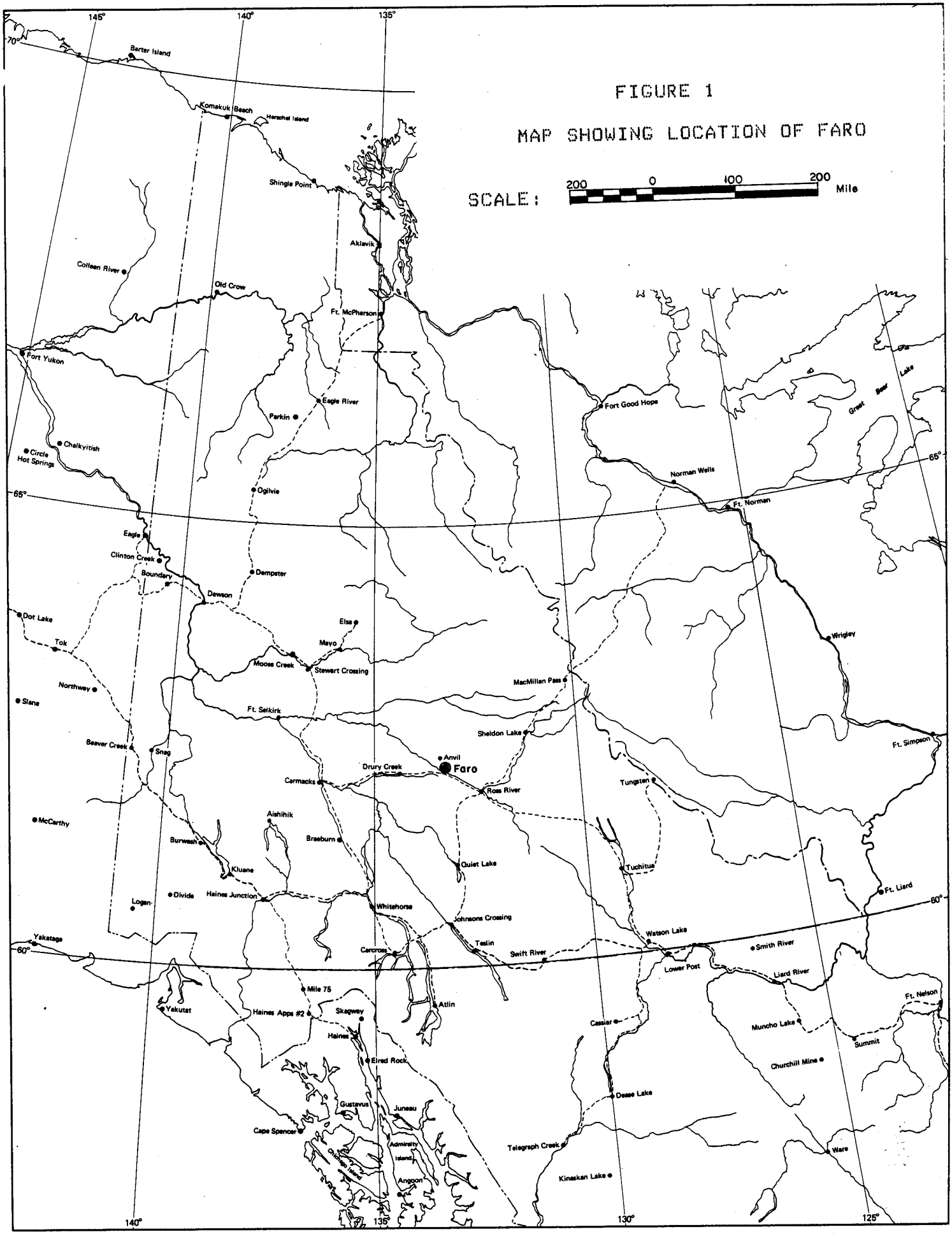


FIGURE 1
MAP SHOWING LOCATION OF FARO
SCALE: 200 0 100 200 Mile
145°
140°
135°
70°
Barter Island
Komakuk Beach
Herschel Island
Shingle Point
Aklavik
Colleen River
Old Crow
Ft. McPherson
Fort Yukon
Eagle River
Parkin
Chalkyitish
Circle Hot Springs
Ogilvie
Fort Good Hope
Great Bear Lake
Norman Wells
Ft. Norman
65°
Eagle
Clinton Creek
Boundary
Dempster
Dawson
Dot Lake
Tok
Elsa
Mayo
Moose Creek
Stewert Crossing
Wrigley
MacMillan Pass
Northway
Slana
Ft. Selkirk
Sheldon Lake
Ft. Simpson
Beaver Creek
Snag
Anvil
Faro
Drury Creek
Carmacks
Ross River
Tungsten
McCarthy
Aishihik
Burwash
Braeburn
Kluane
Quiet Lake
Tuchitua
Ft. Liard
Logan
Divide
Haines Junction
Whitehorse
60°
Yakataga
Johnsons Crossing
Watson Lake
Carcross
Teslin
Swift River
Smith River
Lower Post
Liard River
Mile 75
Yakutat
Haines Apps #2
Skagway
Atlin
Haines
Eired Rock
Cassiar
Muncho Lake
Ft. Nelson
Summit
Churchill Mine
Gustavus
Juneau
Desse Lake
Cape Spencer
Admiralty Island
Telegraph Creek
Ware
Kinaskan Lake
Angoon
140°
135°
130°
125°

The core was logged and sawn at the minesite and is stored in coreshacks at the Faro minesite.

The ore intervals of the core were analyzed for S.G. (specific gravity), Cu, Pb, Zn, Ag, BaO, Mn, Fe(sol), Fe(insol.) at the Cyprus Anvil laboratory at the Faro minesite while gold was analyzed at Chemex Labs. Ltd., 212 Brooksbank Avenue, North Vancouver, B.C.

CORE LOGGING

The core retrieved from the four drill holes was logged by Messrs. J. Keir and A. Chevalier (Mine Geologists) and Mr. R. Tolbert(District Geologist) between November 12 - December 22, 1983.

The core was logged, using an alphanumeric computer compatable format to determine Lithology, Down Hole Structure (fold cleavages), Down Hole Faults (brittle deformation fabrics and discontinuities). This was entered into a drill hole database, verified and printouts were made of all drill hole data. This is reported for the four drill holes 83F-04, 83F-12, 83F-15 and 83F-19 in Appendix II.

Lithologic Logging

The formations and units penetrated by drilling are in order of increasing depth as follows:

Age	Formation	Unit
Cambro/Ordovician	Vangorda	3
Hadrynian/Cambrian)	Mt. Mye	1
)	ore	2
)	Mt. Mye	1

A detailed description of the lithologic units and alphanumeric modifiers is reported in Appendix I and a detailed description of the DOWN-HOLE LITHOLOGY logs of the four drill holes is reported in Appendix II.

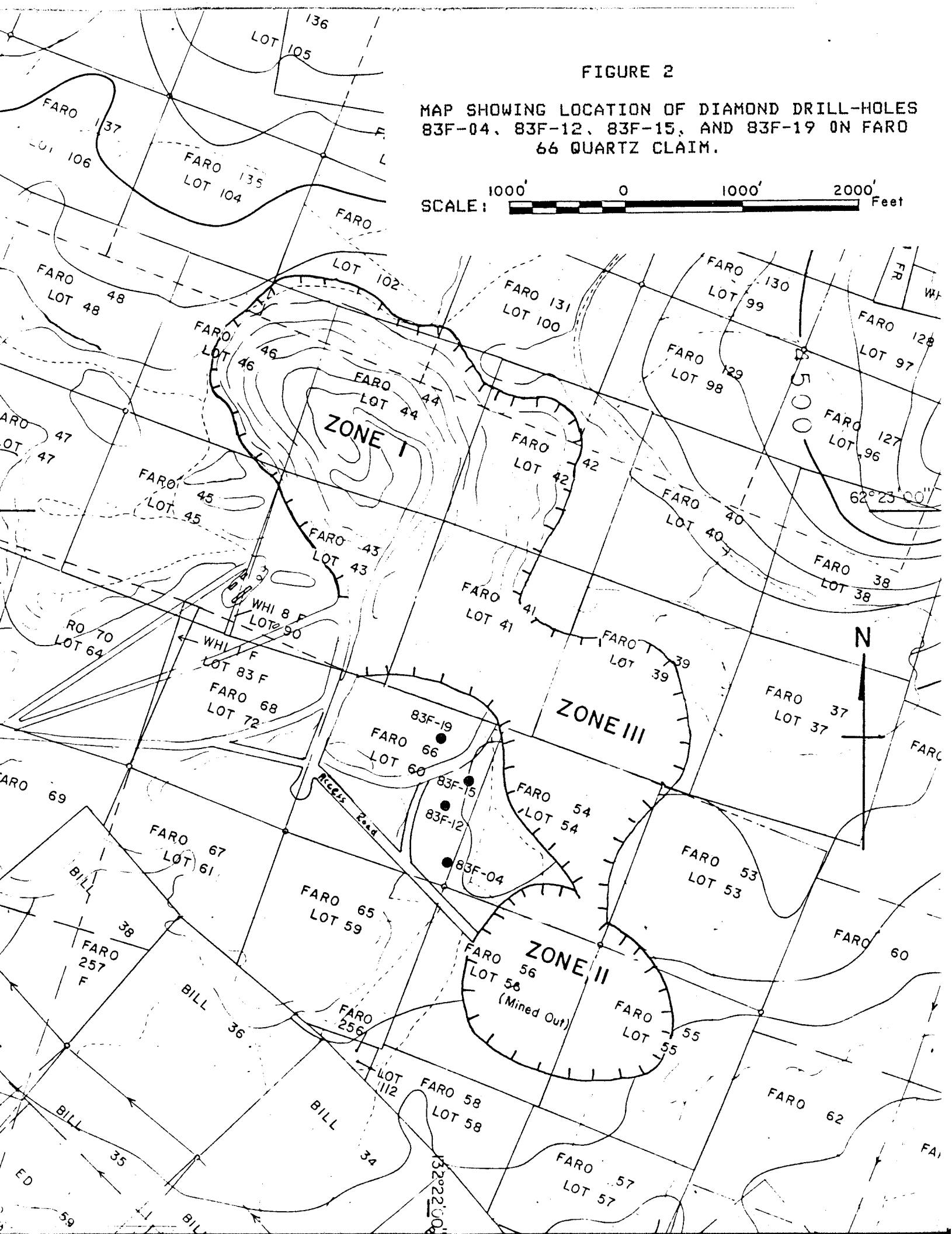
Structural Logging

The Down Hole Structure was also recorded in a computer comparable format. With reference to the drill hole logs in Appendix II it can be seen that either a zone measurement (F DEPTH to T DEPTH) or point measurement (T DEPTH) was recorded.

FIGURE 2

MAP SHOWING LOCATION OF DIAMOND DRILL-HOLES 83F-04, 83F-12, 83F-15, AND 83F-19 ON FARO 66 QUARTZ CLAIM.

SCALE: 1000' 0 1000' 2000' Feet



The features (FEAT) recorded were as follows:

FEAT	DESCRIPTION
PS 2	Pervasive S2 foliation
CS 2	Crenulated S2. S2 foliation transposes, S0 and S1 foliation. Symmetry (SYMTRY) of transposed S1 is recorded.
CS 4	Crenulated S4 foliation which crenulates S0, S1, S2 foliation. Symmetry of S2 foliation with respect to S4 is recorded.

The azimuth direction of S2 and S4 dips in the Faro mine area are an average 210° true and 220° true respectively as taken from surface measurements.

The latest deformation fabric (either S2 or S4 foliation in these drill holes) is termed the reference fabric element (R.F.E.) and its angle with respect to the core axis and its direction (either 210° or 220° as stated above) is recorded in the S2/S4 column of the DOWN HOLE STRUCTURE log of each drill hole (Appendix II).

All other fabrics are measured with respect to this R.F.E. The angle of the earlier fabric is measured with respect to the core axis and the direction is measured with respect to the appropriate R.F.E. by looking down the drilled direction of the core and measuring in a clockwise direction round the core the angle from the lowest point on the R.F.E. to the lowest point on the plane being measured. The ANGLE and DIRECTION (from 0-359) of this earlier fabric is recorded in the S1/S2 column.

In the case of these drill holes 83F-04, 83F-12, 83F-15 and 83F-19 it is S2 that is being measured with the R.F.E. S4 and recorded in the S1/S2 column of the DOWN HOLE STRUCTURE logs.

Brittle Fabric Logging

The DOWN HOLE FAULT logs (Appendix II) records for each drill hole, in a similar manner to the DOWN HOLE STRUCTURE logs, zones or point measurements of discontinuities. The type of discontinuity is recorded in the feature (FEAT) column. The feature code is described in Appendix III.

The upper, lower or any internal plane of discontinuity, e.g. upper and lower fault surfaces, are recorded in a similar manner to the foliation surfaces in the DOWN HOLE STRUCTURE log.

The angle (0°-90°) of the discontinuity surface is measured with respect to the core axis and the direction (0-359°) is measured with respect to the nearest R.F.E.

A measurement of 99999 indicates the measured discontinuity is parallel in angle and direction to the R.F.E.

ASSAYING

Sample Collection

The core within the ore zones was split according to ore type and in such a manner as to minimize samples exceeding five feet in length. The split out intervals of core were then sawn along their lengths into two equal halfs. One half was retained in the core box and the second half was collected in a plastic bag and numbered. Assay markers were also placed in the core boxes.

A total of 45 samples were collected.

Sample Preparation

The samples were individually dried then crushed to 1/2", rolled and riffled into two equal portions. One portion was airsealed and stored as a reject.

The second split portion was pulverized to -100 mesh, rolled and split. Five hundred grams were taken for assaying and the remaining pulp was stored.

Crushed and pulp rejects are stored at Faro minesite.

Assaying Techniques

The analyses for Cu, Pb, Zn, Ag, soluable Fe, insoluble Fe, Mn, BaO, and Specific Gravity (S.G.) was carried out at the Cyprus Anvil laboratory at the Faro minesite.

The Cu, Pb, Zn, Ag, soluble Fe, insoluble, Fe, and Mn were analyzed using Atomic Absorption. The BaO was analyzed using X-ray Flourescence and the S.G. was measured using the Le Chatelier Flask technique.

Gold (Au) analyses was carried out by Chemex Labs. Ltd., 212 Brooksbank Avenue, North Vancouver, B.C. using Fire Assay with Atomic Absorportion finish.

The assay results of the 45 samples analyzed are displayed in the ORE SAMPLES AND ASSAYS Logs in Appendix II. Soluble Fe is reported as Po and insoluble Fe as Py.

It is estimated that the analyses carried out by Cyprus Anvil cost $70.50 per sample.

The invoice from Chemex Labs Ltd. for gold analyses is presented in Appendix IV.

PERSONNEL

Down hole surveying and collar surveying of the diamond drill holes, hauling and sawing of the core was carried out by Mr. Carl Cureatz (Geological Technician) and Mr. Rob Bartsch (Core Splitter).

Logging of the core was carried out by Messrs. Jim Keir and Alain Chevalier (Mine Geologists) and Mr. Robin Tolbert (District Geologist) who also supervised the program.

EXPENDITURES

The total cost of drilling the 83F-04, 83F-12, 83F-15 and 83F-19 diamond drill holes on the Faro 66 Quartz Claim, Grant Number 92354 is estimated at $86,559.93 and is detailed in Appendix V.

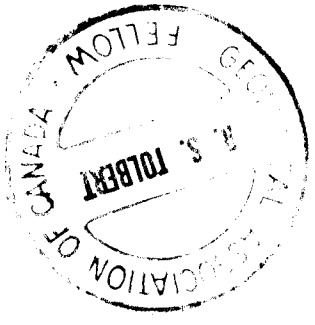
GROUPING

A total of 138 full sized claims and 18 fractional claims in ~~13~~ 14 claim groups are submitted for renewal. The claims in each groups and renewal period requested are detailed in Appendix VI. The locations of each claim group is shown in Figures 3-61.

A total of 735 claim years is requested to be applied to the total number of claims in all groups.

R.S. Tolbert
District Geologist
CYPRUS ANVIL MINING CORPORATION

RST/DBC
encls.



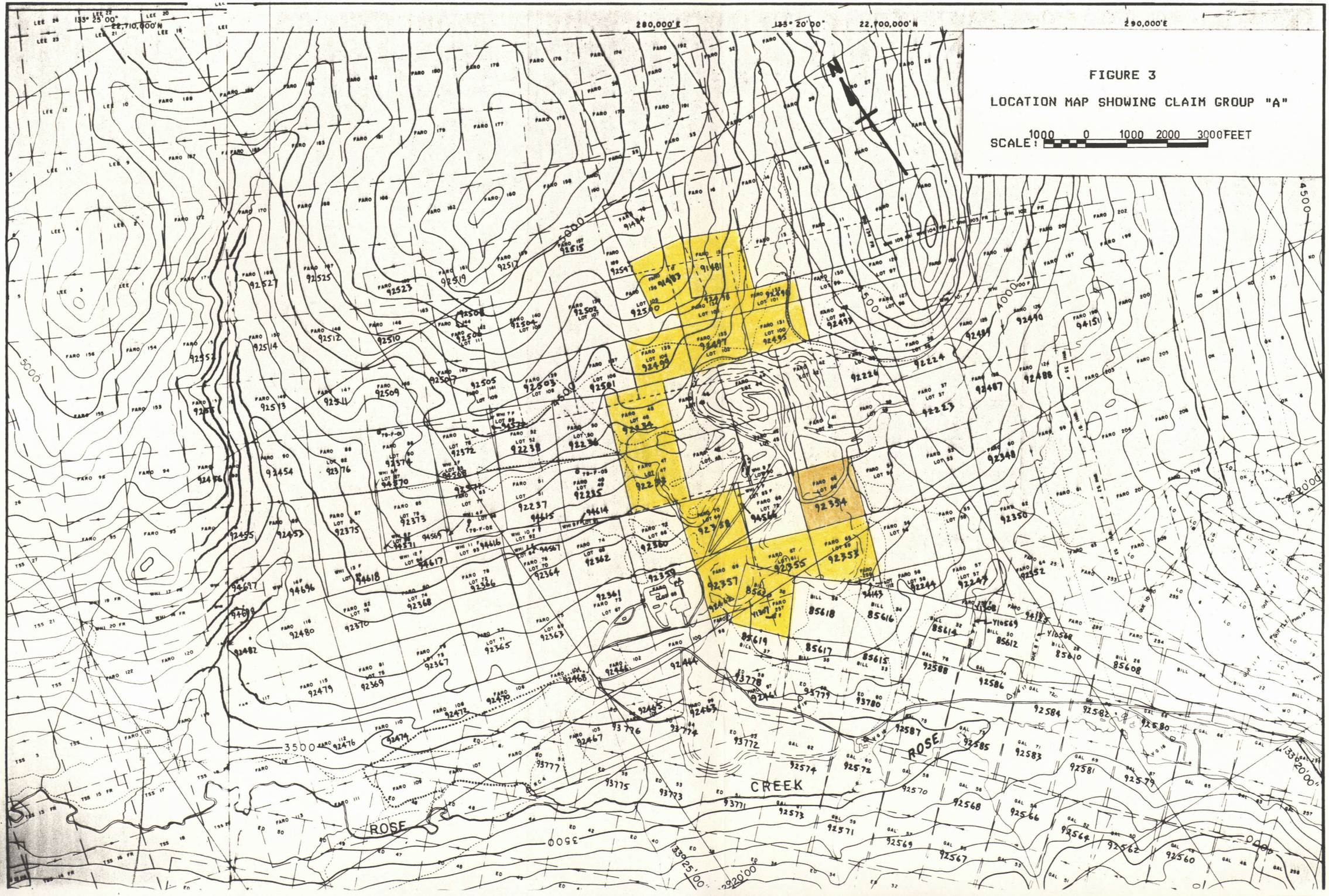


FIGURE 3
LOCATION MAP SHOWING CLAIM GROUP "A"
SCALE: 1000 0 1000 2000 3000 FEET
280,000'E
290,000'E
22,700,000'N
22,710,000'N
133° 25' 00"
133° 20' 00"
ROSE
CREEK
ROSE

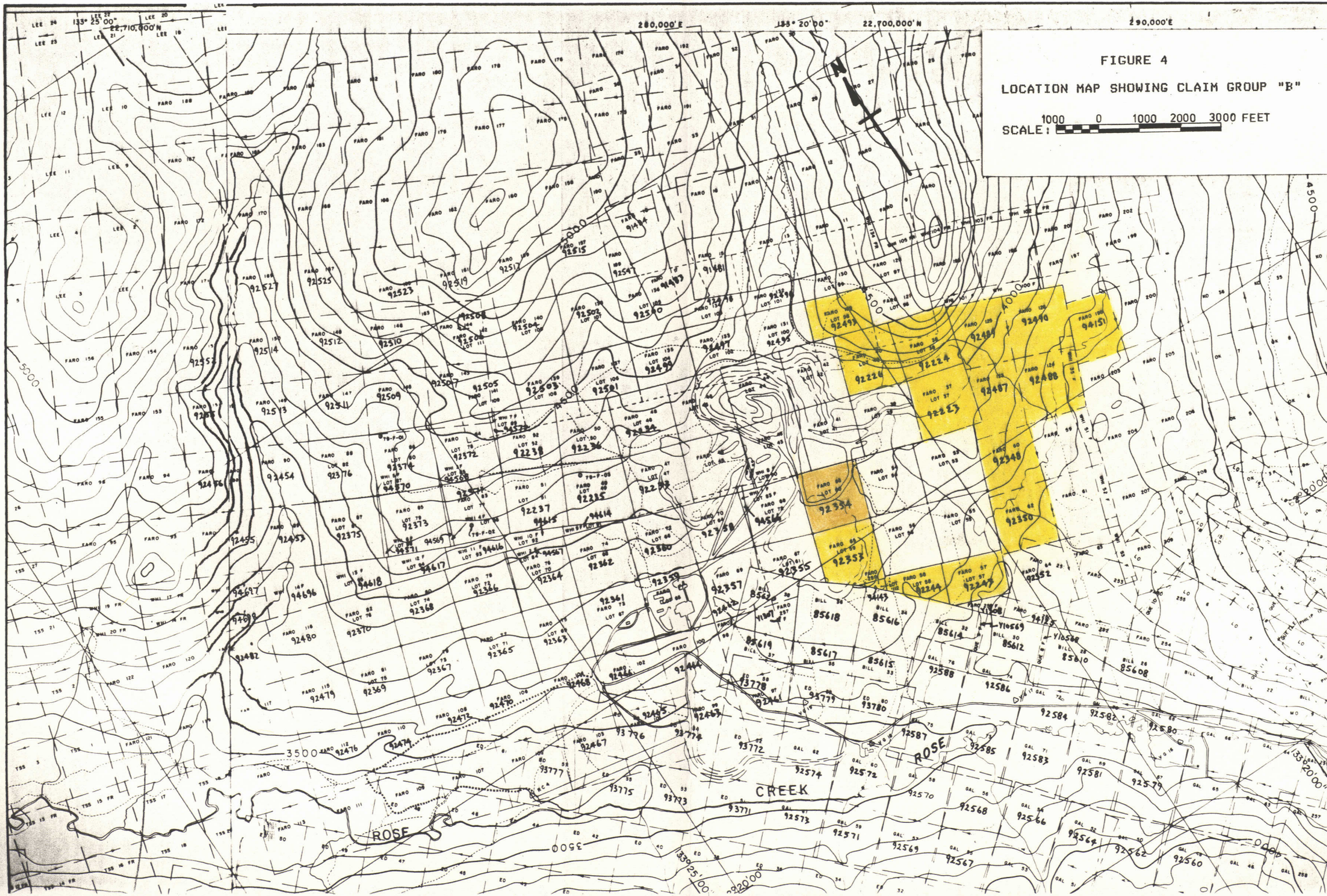


FIGURE 4
LOCATION MAP SHOWING CLAIM GROUP "B"
SCALE: 1000 0 1000 2000 3000 FEET
N
280,000'E
290,000'E
22,710,000'N
22,700,000'N
133° 25' 00"
133° 20' 00"
ROSE CREEK
ROSE

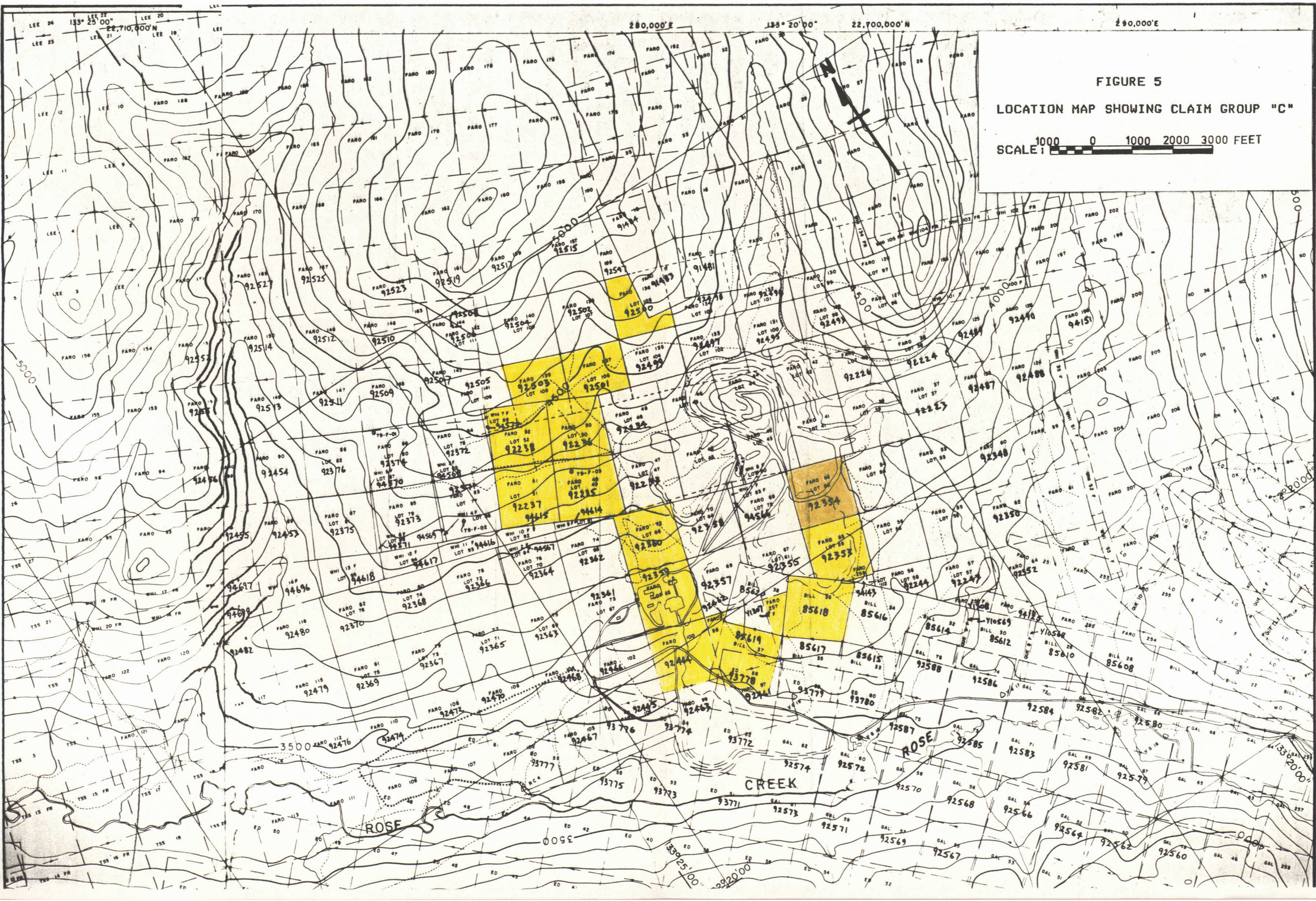


FIGURE 5
LOCATION MAP SHOWING CLAIM GROUP "C"
SCALE: 1000 0 1000 2000 3000 FEET
N
280,000'E
290,000'E
22,710,000'N
22,700,000'N
133° 25' 00"
133° 20' 00"
ROSE CREEK
ROSE

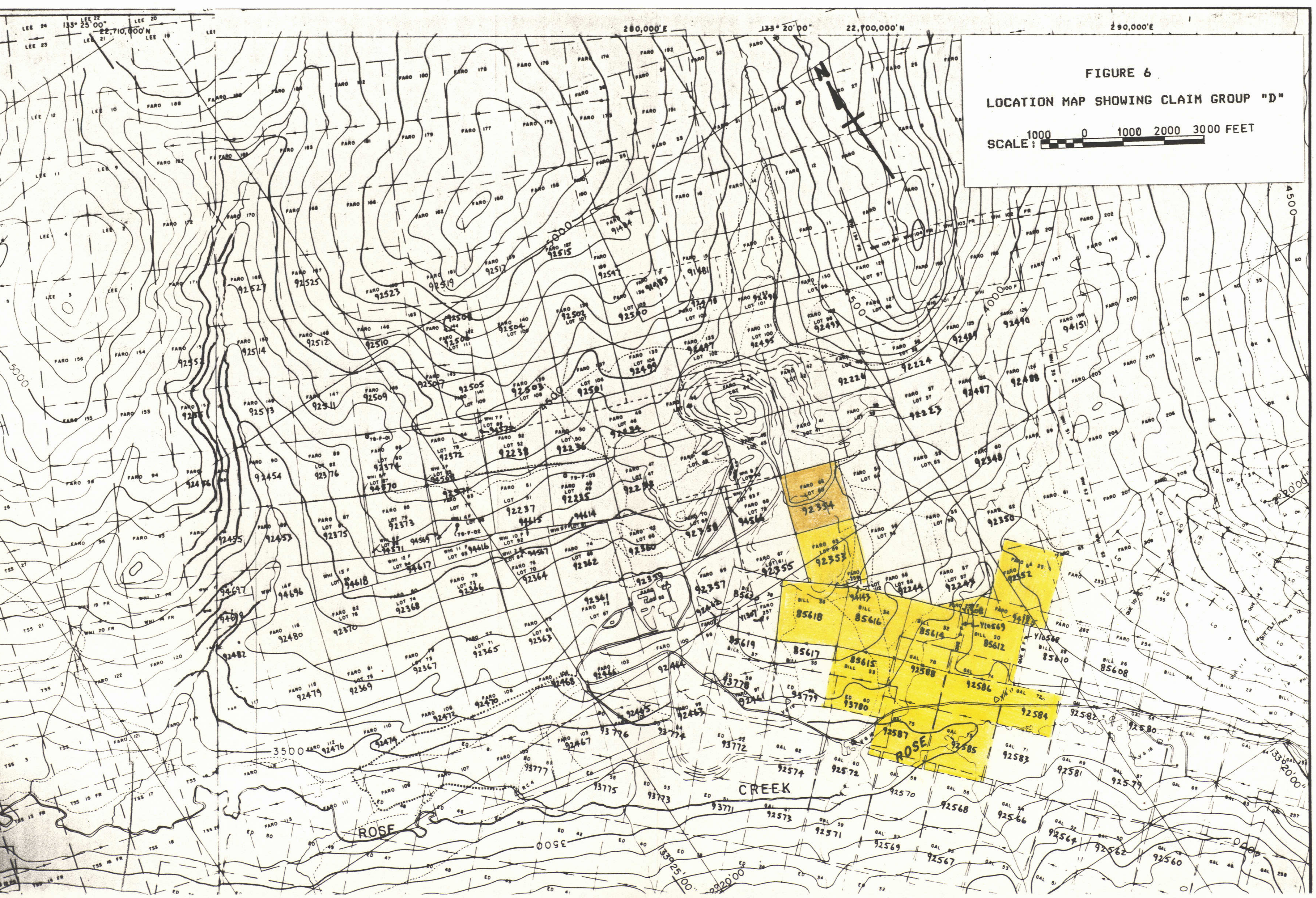


FIGURE 6

LOCATION MAP SHOWING CLAIM GROUP "D"

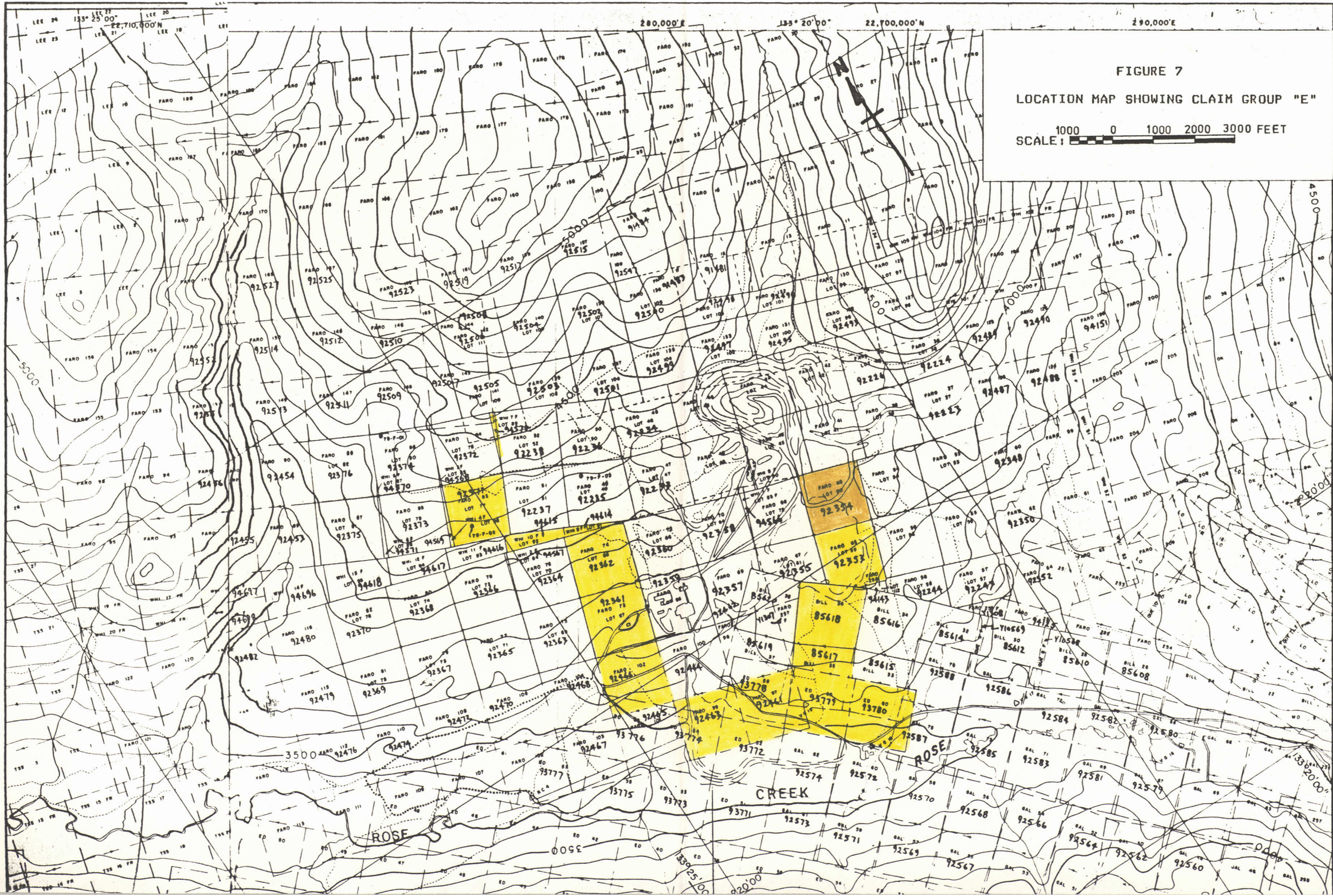


FIGURE 7
LOCATION MAP SHOWING CLAIM GROUP "E"
SCALE: 1000 0 1000 2000 3000 FEET
N
ROSE CREEK
ROSE
280,000'E
290,000'E
22,700,000'N
22,710,000'N
133° 20' 00"
133° 25' 00"

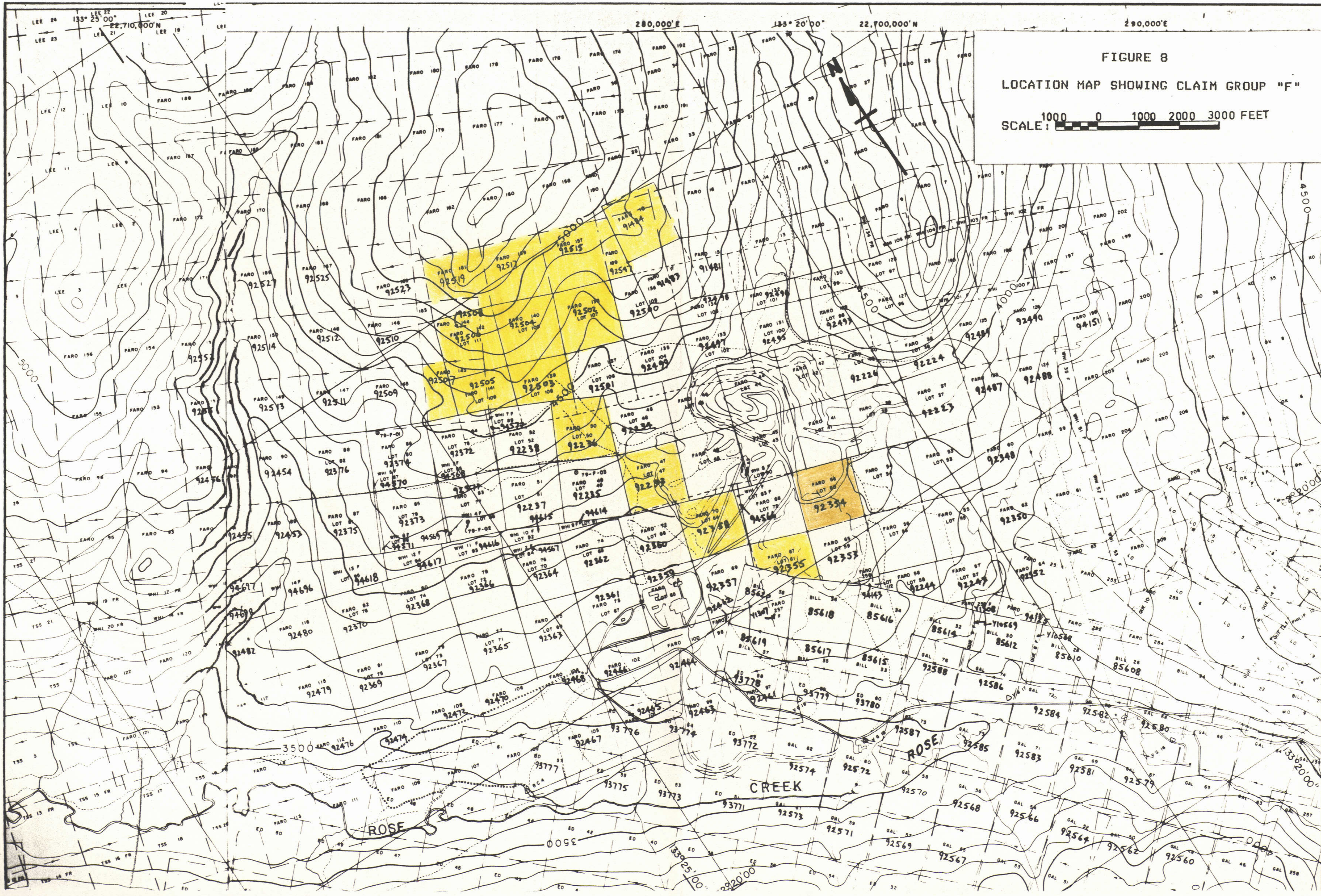


FIGURE 8

LOCATION MAP SHOWING CLAIM GROUP "F"

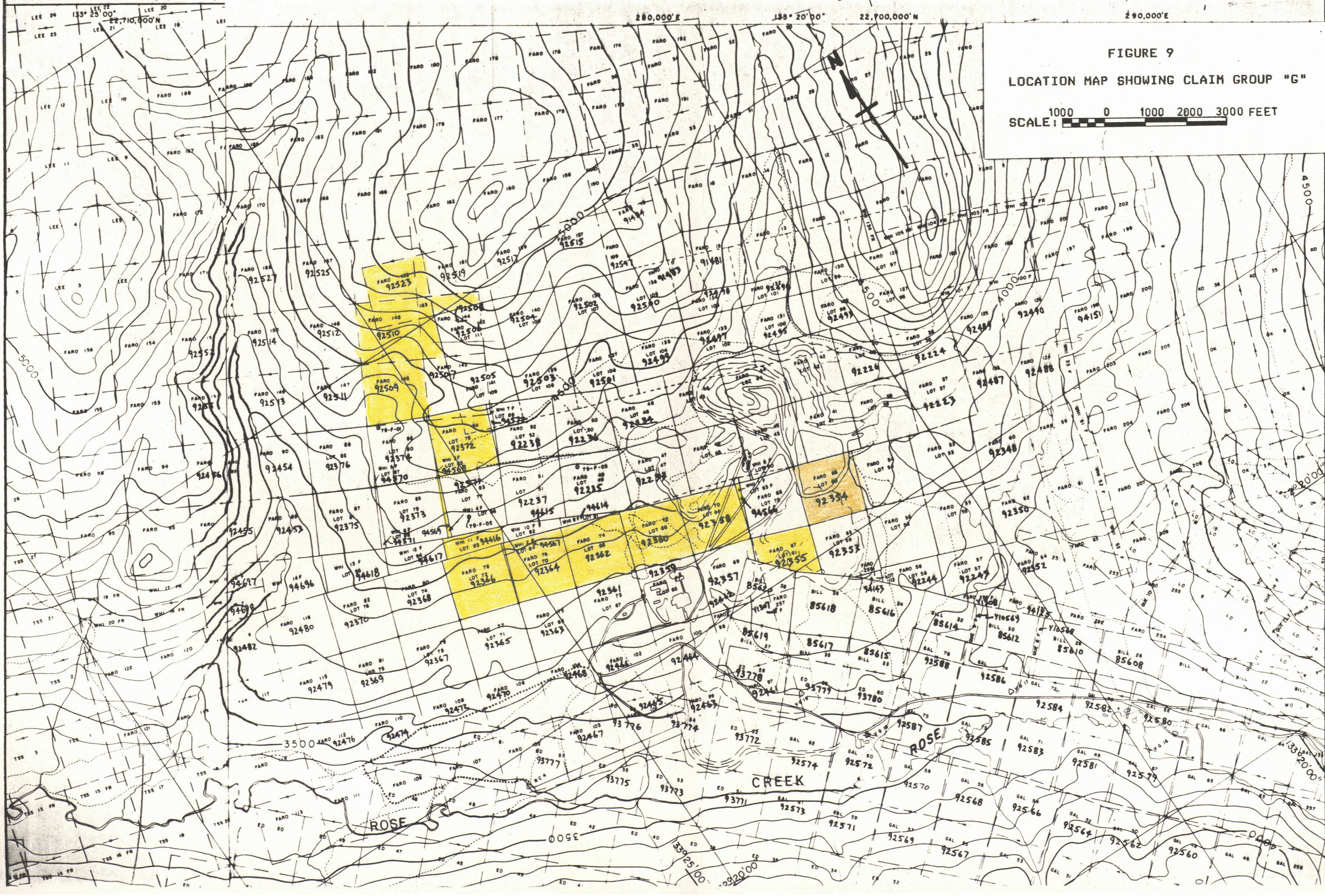


FIGURE 9

LOCATION MAP SHOWING CLAIM GROUP "G"

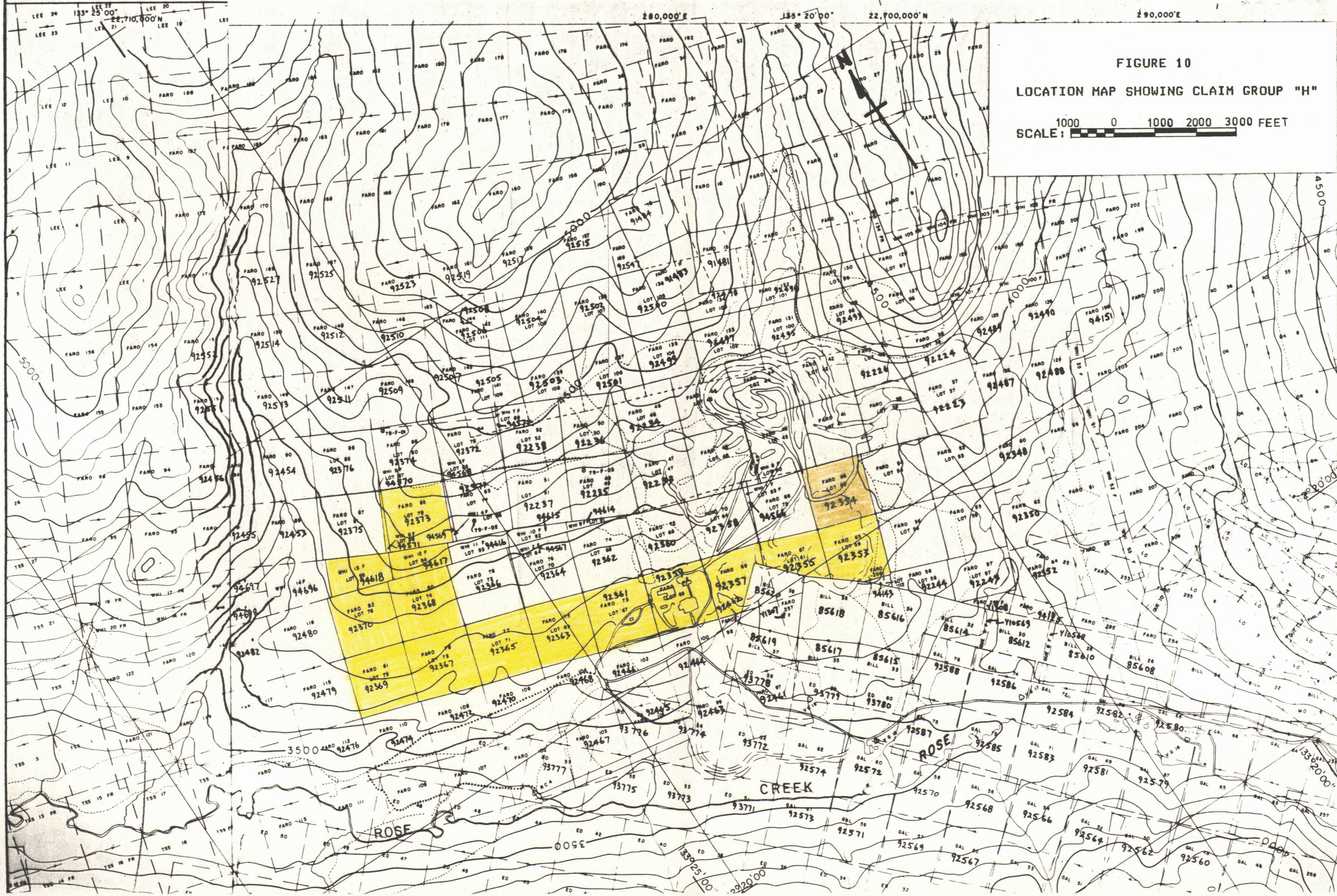


FIGURE 10

LOCATION MAP SHOWING CLAIM GROUP "H"

SCALE: 1000 0 1000 2000 3000 FEET

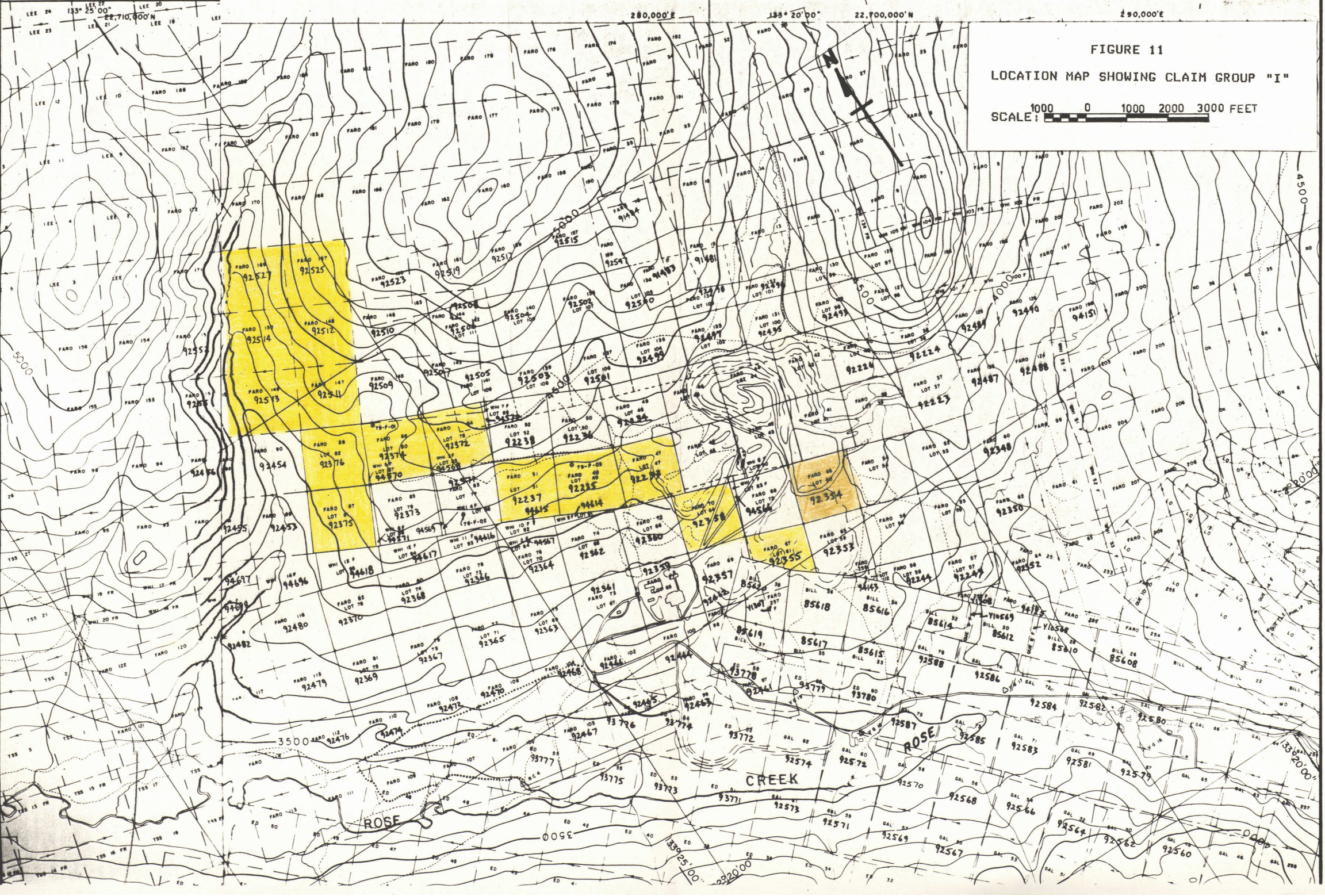


FIGURE 11
LOCATION MAP SHOWING CLAIM GROUP "I"
SCALE: 1000 0 1000 2000 3000 FEET
N
133° 25' 00"
22,710,000'N
280,000'E
133° 20' 00"
22,700,000'N
290,000'E
ROSE
CREEK
ROSE

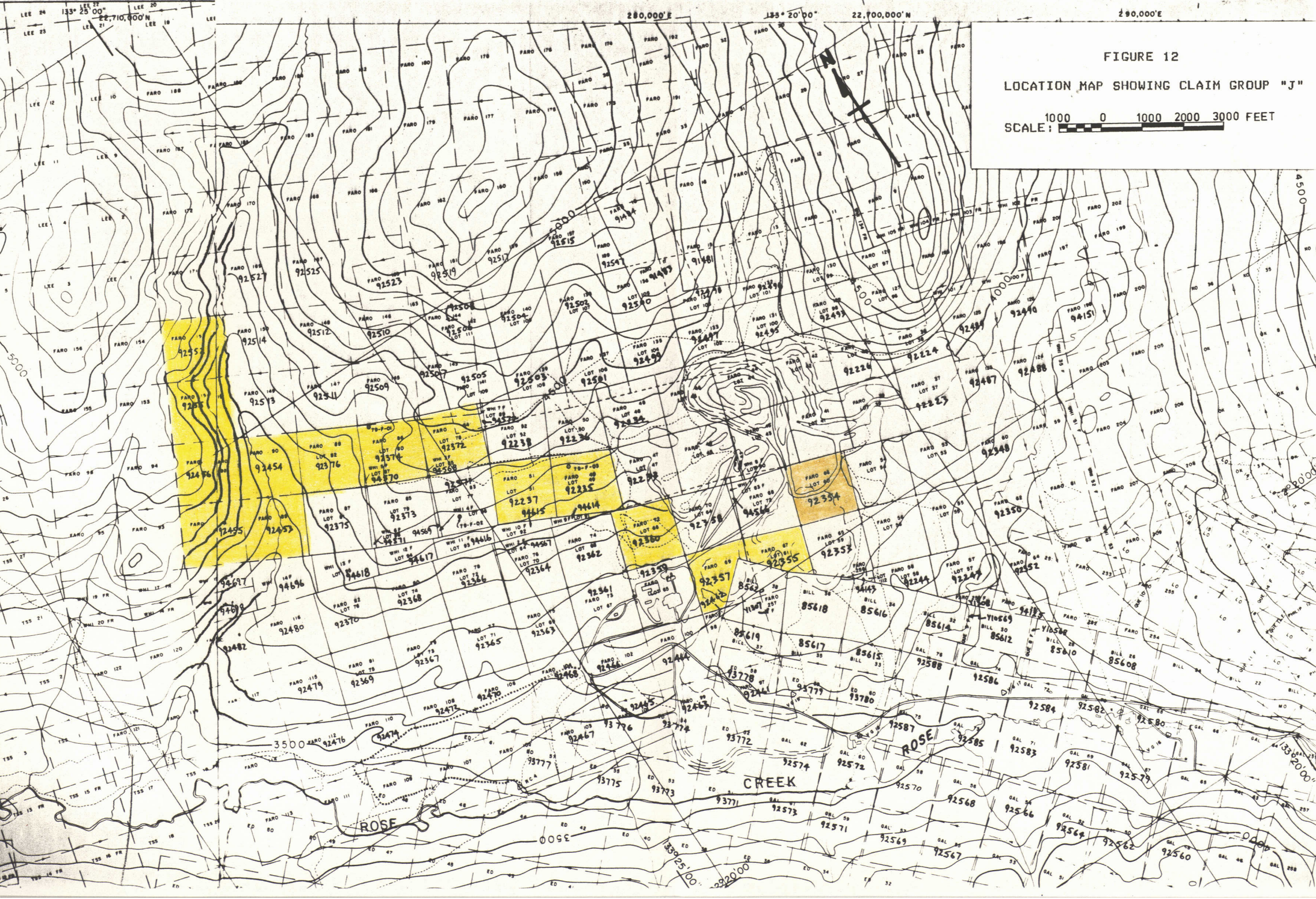


FIGURE 12

LOCATION MAP SHOWING CLAIM GROUP "J"

SCALE: 1000 0 1000 2000 3000 FEET

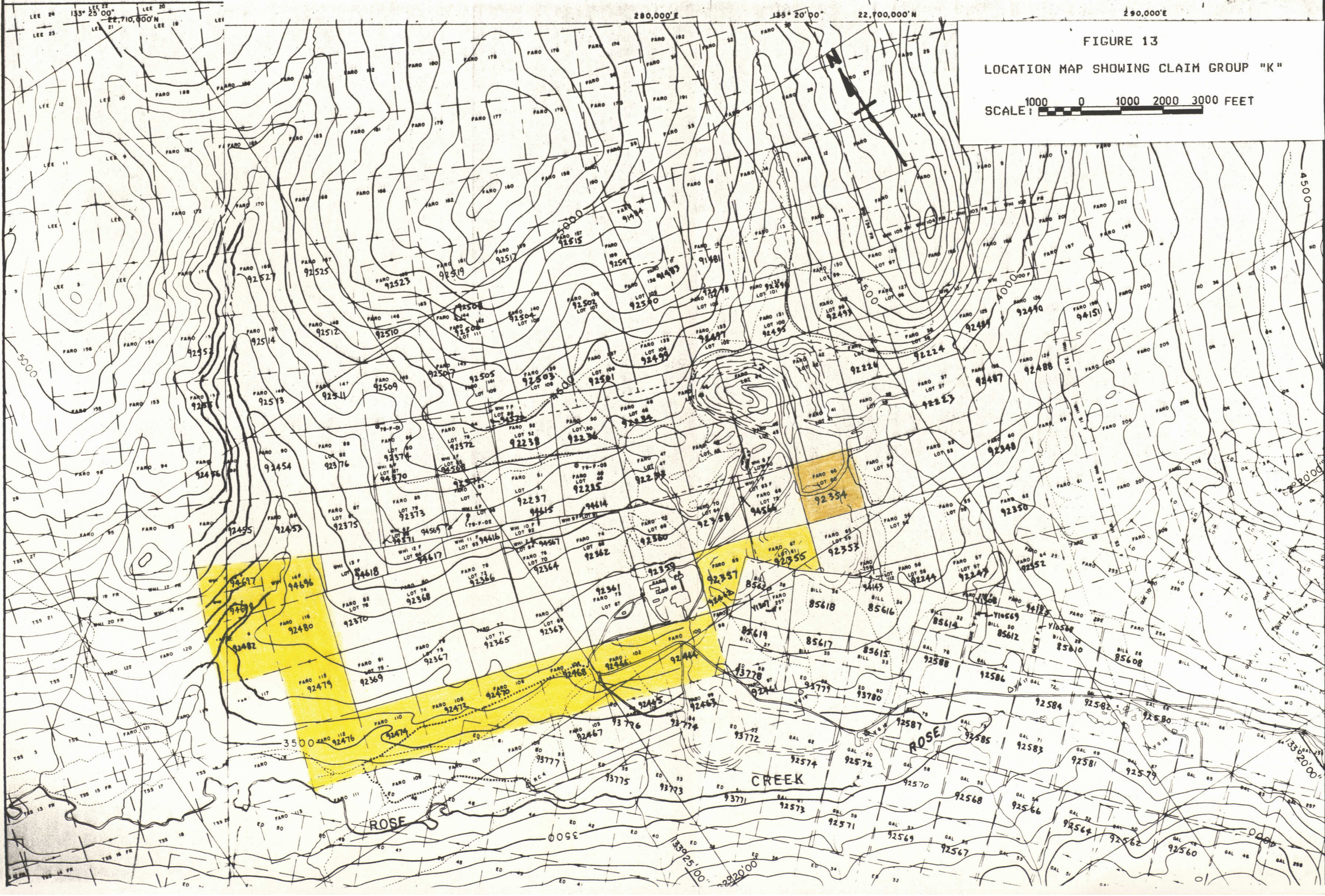


FIGURE 13
LOCATION MAP SHOWING CLAIM GROUP "K"
SCALE: 1000 0 1000 2000 3000 FEET
N
ROSE
CREEK
ROSE
280,000'E
290,000'E
22,700,000'N
22,710,000'N
135° 20' 00"
135° 25' 00"

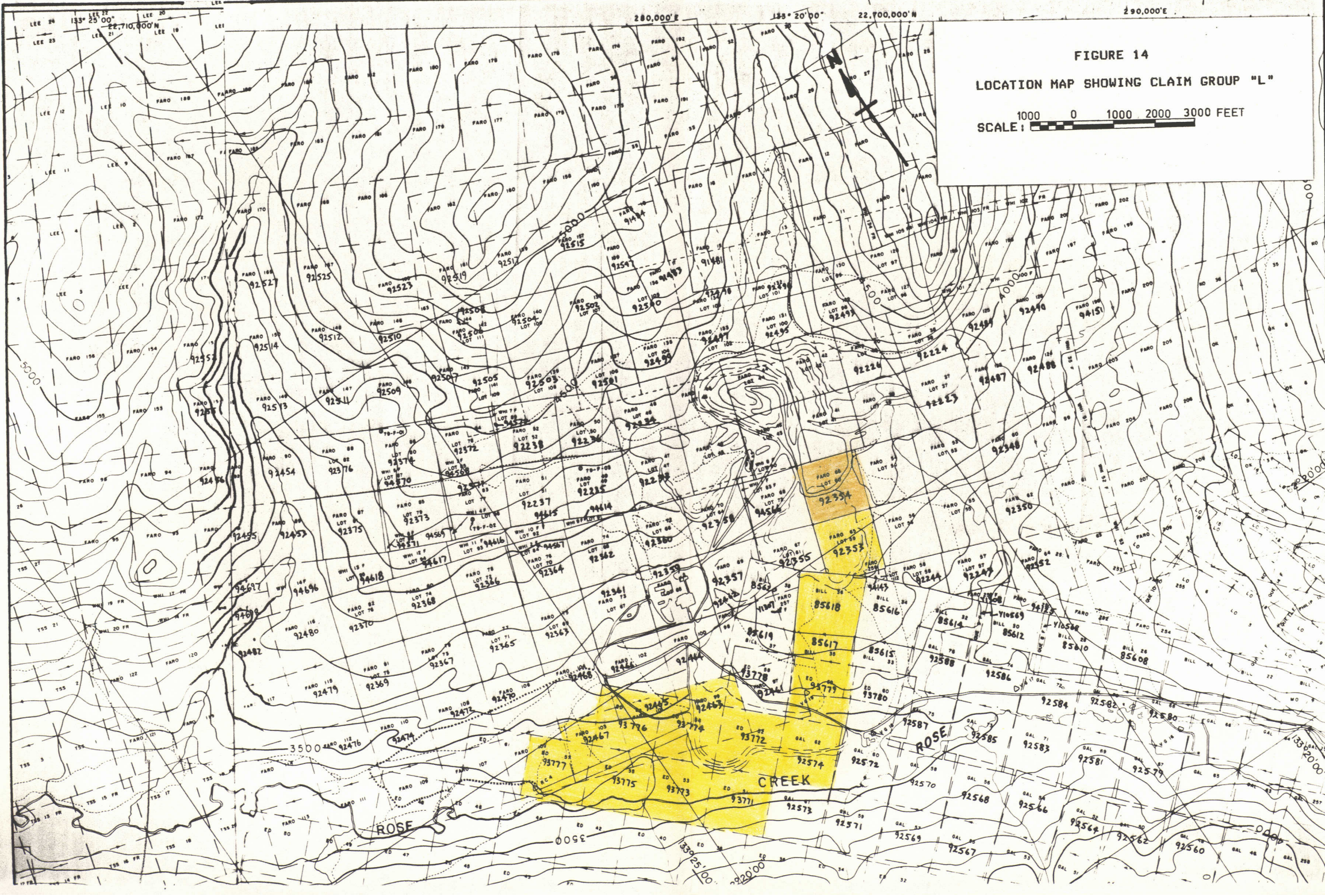


FIGURE 14
LOCATION MAP SHOWING CLAIM GROUP "L"
SCALE: 1000 0 1000 2000 3000 FEET
N
ROSE CREEK
ROSE
280,000'E
290,000'E
22,710,000'N
133° 25' 00"
133° 20' 00"

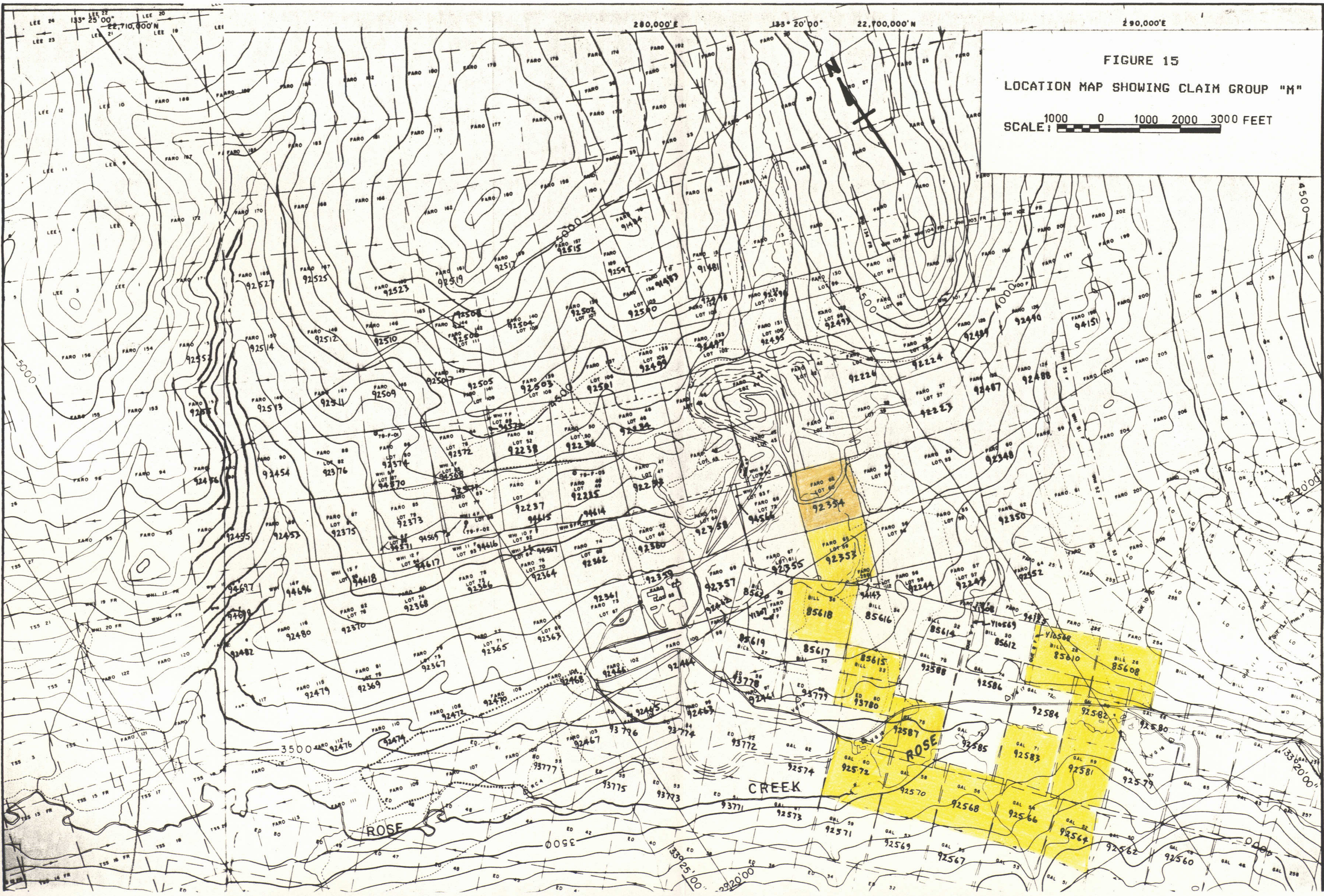


FIGURE 15
LOCATION MAP SHOWING CLAIM GROUP "M"
SCALE: 1000 0 1000 2000 3000 FEET
ROSE CREEK
ROSE

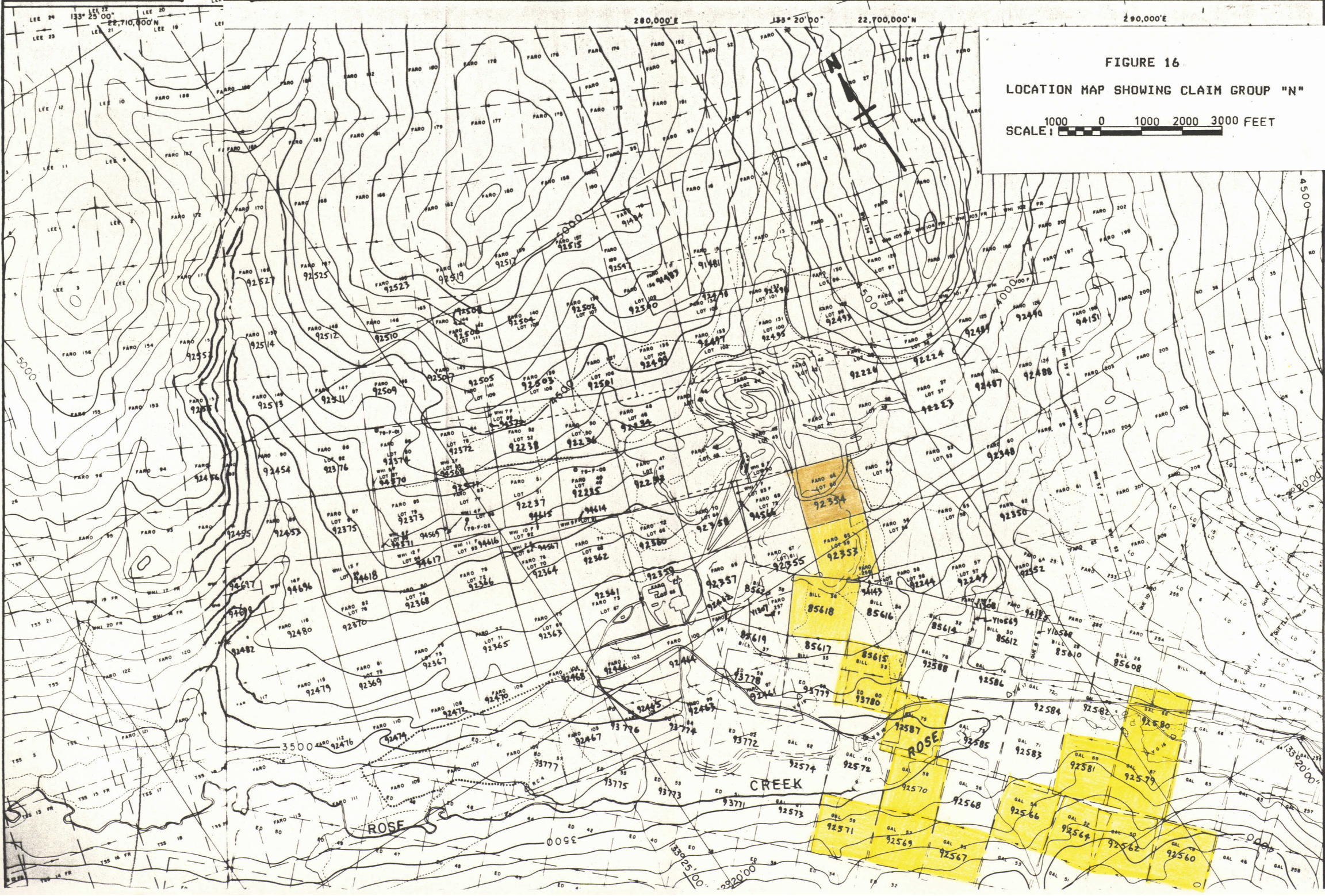


FIGURE 16

LOCATION MAP SHOWING CLAIM GROUP "N"

SCALE: 1000 0 1000 2000 3000 FEET

APPENDIX I
LITHOLOGIC DESCRIPTION

FORMATION	UNIT	DESCRIPTION
MT. MYE	1H	CHLORITIC SCHIST
	1F	METABASITE
	1E	GRAPHITIC SCHIST
	1D	VARIABLY CARBONACEOUS-BIOTITE-MUSCOVITE-ANDALUSITE SCHIST
	1CD	TRANSITIONAL BETWEEN 1D AND 1C
	1C	QUARTZO-FELDSPATHIC, BIOTITE-MUSCOVITE SCHIST/GNEISS

MODIFIERS

1	SILICEOUS
2	CARBONACEOUS
3	CALCAREOUS
4	ALTERED
5	BANDED
6	CLOTTED
7	STAUROLITIC
8	CHLORITIC
9	SULPHIDE-BEARING
0	NORMAL
&	MINOR/VARIABLE COMPONENT
>	TRANSITIONAL TO
( )	DEFINES MINOR INTERBANDS
[ ]	INTERPRETIVE ALTERNATIVE

EXAMPLES:

1D2 > 1E0	CARBONACEOUS 1D, TRANSITIONAL TO GRAPHITIC SCHIST
1D63 (1D2)	CALCAREOUS, CLOTTED 1D WITH INTERBANDS OF CARBONACEOUS 1D

APPENDIX I (CONTD)
LITHOLOGIC DESCRIPTION

FORMATION	UNIT	DESCRIPTION
**********	****	**********
ORE UNITS	2H	PYRROTITIC FACIES, MASSIVE SULFIDES
	2G	BARITIC FACIES, MASSIVE SULFIDES/ SULPHATES (>10% BASO4)
	2F	BUCKSHOT FACIES, MASSIVE SULFIDES
	2E	MASSIVE PYRITIC SULFIDES
	2D	BASE-METAL BEARING, PYRITIC QUARTZ-ITE
	2C	BASE-METAL POOR, PYRITIC QUARTZITE
	2B	PYRITE-FREE QUARTZITE (MAY CONTAIN BASE METALS)
	2A	SULFIDE-BEARING, RIBBON-BANDED, GRAPHITIC QUARTZITE

MODIFIERS
****

1	SILICEOUS
2	COURSE, PORPHYROBLASTIC, PYRITE-BEARING
3	FINE, PYRITE/MARCASITE-BEARING
4	FOR 2A,2B,2C,2E MEANS >4% PB+ZN; FOR 2D, 2F, 2G MEANS >10% PB+ZN
5	CARBONACEOUS
6	BARITE-BEARING (<10% BASO4)
7	PYRRHOTITE-BEARING
8	MAGNETITE-BEARING
9	CHALCOPYRITE-BEARING
0	NORMAL
*	CARBONATE-BEARING
@	ANKERITE-BEARING
&	MINOR/VARIABLE COMPONENT
>	TRANSITIONAL TO
( )	DEFINES MINOR INTERBANDS
[ ]	INTERPRETIVE ALTERNATIVE

EXAMPLES:

2D64 (2A49)	BASEMETAL-BEARING, BARITE-BEARING(<10% BASO4) PYRITIC QUARTZITE WITH >10% PB+ZN AND INTERBAND(S) OF RIBBON-BANDED, GRAPHITIC QUARTZITE WITH >4% PB+ZN WHICH IS CHACOPYRITE BEARING.

APPENDIX I (CONTD)
LITHOLOGIC DESCRIPTION

FORMATION	UNIT	DESCRIPTION
**********	****	**********
ALTERATION HALO	2L	BLEACHED SERICITE) CHLORITE-QUARTZ-BIOTITE-TALC SCHIST

MODIFIERS
****

1	SILICEOUS
2	PYRITE-BEARING
3	TALC/KAOLINITE-BEARING
4	SPHALERITE AND/OR GALENA BEARING ()2% PB+ZN)
5	CARBONATE-BEARING
6	CHLORITE) SERICITE-BIOTITE
7	PYRRHOTITE-BEARING
8	MAGNETITE-BEARING
9	CHALCOPYRITE-BEARING ()0.2% CU)
0	NORMAL
*	DOLOMITE-BEARING
@	ANKERITE-BEARING
&	MINOR/VARIABLE COMPONENT
)	TRANSITIONAL TO
( )	DEFINES MINOR INTERBANDS
[ ]	INTERPRETIVE ALTERNATIVE

EXAMPLES:

2L14 [2B0]	SILICEOUS 2L WITH)2% PB+ZN, WHICH MIGHT BE INTERPRETED AS NORMAL 2B0 ORE.

APPENDIX I (CONTD)
LITHOLOGIC DESCRIPTION

FORMATION	UNIT	DESCRIPTION
VANGORDA	3F	MARBLE AND SILICATED MARBLE
	3E	GRAPHITIC PHYLLITE/SCHIST
	3D	CALC-SILICATE PHYLLITE/SCHIST
	3C	METABASITE
	3B	CHLORITIC PHYLLITE/SCHIST
	3A	TRANSITION ZONE WITH UNIT 1 (INTERBANDED CHLORITIC PHYLLITE, GRAPHITIC PHYLLITE AND PELITES OF VANGORDA AND MT. MYE FORMATIONS)

MODIFIERS

FOR 3D THE FOLLOWING FIRST MODIFIERS APPLY:-

3D0	NORMAL
3D2, 3D5, 3D7	TENDING TOWARDS MARBLE
3D4, 3D6, 3D7	TENDING TOWARDS PHYLLITE
3D1, 3D3	ALMOST TOTALLY CALCSILICTE MINERALS

ADDITIONAL MODIFIERS FOR 3D FOLLOWING THOSE ABOVE AND ALSO USED FOR ALL OTHER UNIT 3 ROCK-TYPES ARE AS DESCRIBED BELOW :-

1	SILICEOUS
2	NON-CALCAREOUS
3	CALCAREOUS
4	ALTERED
5	BANDED/LAMINATED
6	SULPHIDE-BEARING
7	CHLORITE LAMINATIONS
8	CHLORITIC
9	CARBONACEOUS
0	NORMAL
&	MINOR/VARIABLE COMPONENT
>	TRANSITIONAL TO
( )	DEFINES MINOR INTERBANDS
[ ]	INTERPRETIVE ALTERNATIVE

EXAMPLES:

3D69	CALCSILICATE TENDING TOEARDS PHYLLITE AND IS CARBONACEOUS
3B46	SULPHIDE-BEARING, ALTERED, CHLORITIC PHYLLITE
3D03&7 (0Q0)	NORMAL CALCSILICATE WITH CALCITE AND MINOR CHLORITE LAMINATIONS AND MINOR QUARTZ VEINS.

APPENDIX II

DIAMOND DRILL LOGS

DRILL HOLE	: 83F-04
NORTHING	: 6,357.4
EASTING	: 14,356.4
ELEVATION	: 4,016.9
TOTAL DEPTH	: 800.7
SECTION	: 132+00E
R.F.E.	: S2
RFE DIRECTION:	210
PLUNGE ANGLE :	0
PLUNGE DIRECT:	0
DHD CALC:	1
SS CALC:	1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	12
NOS DOWN-H-SURVEYS:	6
NOS DOWN-H-LITHOLOGY:	49
NOS DOWN-H-STRUCTURE:	76
NOS DOWN-H-FAULTS:	65
NOS DOWN-H-SPLINES:	6
NOS COMPOSITES:	3

DDH: 83F-04 UTM-N: 6,357.4 UTM-E: 14,356.4 UTM-ELEV: 4,016.9 TOTAL DEPTH: 800.7 SECTION: 132+00E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	Cu %	Pb %	Zn %	Ag(AA) g/mT	Ag(FA) g/mT	Au(FA) g/mT	Po %	Py %	TOT Fe	BaO %	Hg %	Mn %	As %	Ba %	S.G. W.R.
696.6	699.2	82376	2.6	2.6	1D4	2.81	.02	.33	.60	3.11		.05	2	2	4	.33		.07			
699.2	703.2	82377	4.0	4.0	2A4	2.94	.05	1.34	3.05	23.95		.20	1	5	6	.22		.03			
703.2	707.6	82378	4.4	4.4	2E41	3.61	.09	1.86	4.80	45.10		.21	2	19	22	.19		.04			
707.6	710.5	82379	2.9	2.9	2E4	3.90	.14	5.47	8.83	95.49		.09	7	16	24	.19		.15			
710.5	712.3	82380	1.8	1.6	2D0	2.88	.07	2.09	2.98	46.66		.12	3	3	6	.36		.03			
712.3	716.4	82381	4.1	4.0	2D5	2.87	.06	1.04	2.64	35.77		.15	3	4	7	.27		.04			
716.4	720.1	82382	3.7	3.7	2A14	2.82	.06	2.45	2.47	66.87		.26	5	2	7	.32		.06			
720.1	723.8	82383	3.7	3.7	2A14	2.79	.06	1.39	2.89	40.12		.24	2	2	5	.27		.03			
775.0	777.0	82384	2.0	2.0	2D0	2.89	.07	1.29	3.57	44.79		.01	7	1	9	.34		.09			
789.6	790.8	82385	1.2	1.2	0Q9	2.86	.05	.09	.17	5.29		.03	4	4	9	.38		.07			
792.8	793.5	82386	.7	.7	0Q9	2.92	.04	.12	.16	6.22		.01	7	3	10	.43		.09			
794.5	795.6	82387	1.1	1.1	0Q9	2.96	.05	.03	.07	4.98		.01	5	4	10	.29		.08			
WEIGHTED AVERAGE																					
696.6	723.8		27.2	26.9		3.08	.07	1.93	3.54	44.32		.17	3	7	10	.25		.05			
775.0	777.0		2.0	2.0		2.89	.07	1.29	3.57	44.79		.01	7	1	9	.34		.09			
789.6	790.8		1.2	1.2		2.86	.05	.09	.17	5.29		.03	4	4	9	.38		.07			
792.8	793.5		.7	.7		2.92	.04	.12	.16	6.22		.01	7	3	10	.43		.09			
794.5	795.6		1.1	1.1		2.96	.05	.03	.07	4.98		.01	5	4	10	.29		.08			

DDH: 83F-04 UTM-N: 6,357.4 UTM-E: 14,356.4 UTM-ELEV: 4,016.9 TOTAL DEPTH: 800.7 SECTION: 132+00E
RFE: 52 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
82.000	179.300	7.000
282.000	178.000	357.000
482.000	178.300	28.000
682.000	178.100	37.000
782.000	177.400	38.000

DDH: 83F-04 UTM-N: 6,357.4 UTM-E: 14,356.4 UTM-ELEV: 4,016.9 TOTAL DEPTH: 800.7 SECTION: 132+00E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
33.4	0001	*		0.0	1
38.1	0002	3D53		0.0	1
99.3	0003	3D63		0.0	1
115.4	0004	3D68	3	0.0	1
124.5	0005	3D83	&8	0.0	1
185.1	0006	3D83	8 (3F1,3C3)	0.0	1
188.7	0007	3D53		0.0	1
213.0	0008	3D08		0.0	1
216.3	0009	0Q0		0.0	1
263.6	0010	3D0	(0Q0)	0.0	1
269.1	0011	3D08		0.0	1
272.0	0012	3B3		0.0	1
274.4	0013	3D03		0.0	1
299.3	0014	3D0&	8	0.0	1
303.0	0015	3C3		0.0	1
355.1	0016	3D08	(0Q0)	0.0	1
396.0	0017	3D0	&9	0.0	1
405.4	0018	3C3	(3D8)	0.0	1
425.6	0019	3B41	(0Q0)	0.0	1
428.8	0020	3D0&	968	0.0	1
437.4	0021	3B41	(3D081)	0.0	1
479.6	0022	3A	(1D2,3C3)	0.0	1
613.0	0023	1D63	(1D2)	0.0	1
641.4	0024	1D63	2	0.0	1
648.0	0025	1E3	#	0.0	1
655.0	0026	1D0&	3	0.0	1
659.2	0027	3B4	(1D3)	0.0	1
666.5	0028	1D&3		0.0	1
676.2	0029	1D0		0.0	1
681.5	0030	1D0	(0Q0)	0.0	1
693.5	0031	1D0&	4	0.0	1
696.6	0032	1D4	>2L0	0.0	1
699.2	0033	1D4	(2A0,2B0)	0.0	1
703.2	0034	2A4	(2A3,2C0)	0.0	1
707.6	0035	2E41	(2C3,1D4)	0.0	1
710.5	0036	2E4	(2B0)	0.0	1
712.3	0037	2D0		0.0	1
716.4	0038	2D5	[2A14]	0.0	1
723.8	0039	2A14	[2D5]	0.0	1
725.1	0040	1E9	(1D4)	0.0	1
727.3	0041	1D4	-	0.0	1
763.0	0042	1D0	&4 (0Q0)	0.0	1
767.0	0043	2L0	&6 (0Q0)	0.0	1
770.5	0044	0Q0&	9	0.0	1
775.0	0045	1D4	(0Q0)	0.0	1
777.0	0046	2D0	(0Q9)	0.0	1
784.0	0047	0Q0&	9 (2L0)	0.0	1
797.2	0048	2L0	[1CD4](0Q9)	0.0	1
799.0	0049	1CD		0.0	1

DDH: 83F-04 UTM-N: 6,357.4 UTM-E: 14,356.4 UTM-ELEV: 4,016.9 TOTAL DEPTH: 800.7 SECTION: 132+00E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1/S2 ANGLE	S1/S2 DIRECT	S2/S4 ANGLE	S2/S4 DIRECT	RFE CDE	DHDC	SDC	PROCESS
83F-04	0.0	37.0	PS2		0	0	0	0	69	210	0	1	1	1
83F-04	0.0	51.0	PS2		0	0	0	0	15	210	0	1	0	0
83F-04	0.0	58.7	PS2		0	0	0	0	57	210	0	1	1	1
83F-04	0.0	76.0	PS2		0	0	0	0	57	210	0	1	1	1
83F-04	0.0	79.0	PS2		0	0	0	0	68	210	0	1	1	1
83F-04	0.0	93.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	103.0	PS2		0	0	0	0	69	210	0	1	1	1
83F-04	0.0	113.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	118.2	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	121.0	PS2		0	0	0	0	73	210	0	1	1	1
83F-04	0.0	136.9	PS2		0	0	0	0	80	210	0	1	1	1
83F-04	0.0	145.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-04	0.0	158.7	PS2		0	0	0	0	66	210	0	1	1	1
83F-04	0.0	167.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	176.0	PS2		0	0	0	0	67	210	0	1	1	1
83F-04	0.0	187.0	PS2		0	0	0	0	63	210	0	1	1	1
83F-04	0.0	195.2	PS2		0	0	0	0	66	210	0	1	1	1
83F-04	0.0	207.0	PS2		0	0	0	0	68	210	0	1	1	1
83F-04	0.0	216.0	PS2		0	0	0	0	63	210	0	1	1	1
83F-04	0.0	225.0	PS2		0	0	0	0	53	210	0	1	1	1
83F-04	0.0	234.7	PS2		0	0	0	0	60	210	0	1	1	1
83F-04	0.0	243.8	PS2		0	0	0	0	56	210	0	1	1	1
83F-04	0.0	255.3	PS2		0	0	0	0	60	210	0	1	1	1
83F-04	0.0	265.6	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	279.4	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	290.0	PS2		0	0	0	0	67	210	0	1	1	1
83F-04	0.0	307.3	PS2		0	0	0	0	60	210	0	1	1	1
83F-04	0.0	331.0	PS2		0	0	0	0	47	210	0	1	1	1
83F-04	0.0	336.2	PS2		0	0	0	0	45	210	0	1	1	1
83F-04	0.0	342.0	PS2		0	0	0	0	42	210	0	1	1	1
83F-04	0.0	353.8	PS2		0	0	0	0	28	210	0	1	1	1
83F-04	0.0	369.8	PS2		0	0	0	0	32	210	0	1	1	1
83F-04	0.0	377.0	PS2		0	0	0	0	55	210	0	1	1	1
83F-04	0.0	391.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	405.0	PS2		0	0	0	0	53	210	0	1	1	1
83F-04	0.0	410.2	PS2		0	0	0	0	61	210	0	1	1	1
83F-04	0.0	418.4	PS2		0	0	0	0	60	210	0	1	1	1
83F-04	0.0	428.5	PS2		0	0	0	0	47	210	0	1	1	1
83F-04	0.0	434.0	PS2		0	0	0	0	77	210	0	1	1	1
83F-04	0.0	444.0	PS2		0	0	0	0	82	210	0	1	1	1
83F-04	0.0	454.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-04	0.0	464.0	PS2		0	0	0	0	68	210	0	1	1	1
83F-04	0.0	474.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	484.0	PS2		0	0	0	0	80	210	0	1	1	1
83F-04	0.0	494.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-04	0.0	502.5	PS2		0	0	0	0	68	210	0	1	1	1
83F-04	0.0	508.4	PS2		0	0	0	0	74	210	0	1	1	1
83F-04	0.0	514.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	524.0	PS2		0	0	0	0	55	210	0	1	1	1
83F-04	0.0	540.2	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	548.3	PS2		0	0	0	0	75	210	0	1	1	1

DDH: 83F-04 UTM-N: 6,357.4 UTM-E: 14,356.4 UTM-ELEV: 4,016.9 TOTAL DEPTH: 800.7 SECTION: 132+00E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1/S2 ANGLE	S1/S2 DIRECT	S2/S4 ANGLE	S2/S4 DIRECT	RFE CDE	DHDC	SDC	PROCESS
83F-04	0.0	557.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-04	0.0	567.0	PS2		0	0	0	0	80	210	0	1	1	1
83F-04	0.0	575.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-04	0.0	585.0	PS2		0	0	0	0	85	210	0	1	1	1
83F-04	0.0	593.0	PS2		0	0	0	0	80	210	0	1	1	1
83F-04	0.0	605.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	615.9	PS2		0	0	0	0	83	210	0	1	1	1
83F-04	0.0	619.0	PS2		0	0	0	0	72	210	0	1	1	1
83F-04	0.0	633.6	PS2		0	0	0	0	80	210	0	1	1	1
83F-04	0.0	649.1	PS2		0	0	0	0	63	210	0	1	1	1
83F-04	0.0	654.0	PS2		0	0	0	0	44	210	0	1	1	1
83F-04	0.0	667.0	PS2		0	0	0	0	66	210	0	1	1	1
83F-04	0.0	676.0	PS2		0	0	0	0	71	210	0	1	1	1
83F-04	0.0	685.0	PS2		0	0	0	0	62	210	0	1	1	1
83F-04	0.0	694.4	PS2		0	0	0	0	63	210	0	1	1	1
83F-04	0.0	699.8	PS2		0	0	0	0	65	210	0	1	1	1
83F-04	0.0	716.4	PS2		0	0	0	0	37	210	0	1	1	1
83F-04	0.0	724.7	PS2		0	0	0	0	70	210	0	1	1	1
83F-04	0.0	727.0	PS2		0	0	0	0	69	210	0	1	1	1
83F-04	0.0	737.0	PS2		0	0	0	0	67	210	0	1	1	1
83F-04	0.0	747.0	PS2		0	0	0	0	55	210	0	1	1	1
83F-04	0.0	752.6	CS4		0	0	60	205	60	220	0	1	1	1
83F-04	0.0	781.0	CS4		0	0	45	180	50	220	0	1	1	1
83F-04	0.0	787.4	PS2		0	0	0	0	30	210	0	1	1	1
83F-04	0.0	795.8	PS2		0	0	0	0	45	210	0	1	1	1

DDH: 83F-04 UTM-N: 6,357.4 UTM-E: 14,356.4 UTM-ELEV: 4,016.9 TOTAL DEPTH: 800.7 SECTION: 132+00E
RFE: 52 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
83F-04	33.4	37.0	1J		0	0	0	0	9	270	1
83F-04	40.3	46.0	BSG		0	0	0	0	0	0	1
83F-04	46.0	58.0	3BV		0	0	0	0	0	0	1
83F-04	58.0	78.0	1B		0	0	0	0	15	90	1
83F-04	85.0	93.0	1SX		0	0	22	80	0	0	1
83F-04	115.4	117.8	1J0		0	0	0	0	15	270	1
83F-04	120.3	128.0	J1B		8	270	0	0	0	0	1
83F-04	129.6	132.4	J1S		0	0	0	0	2	270	1
83F-04	0.0	140.7	1S		0	0	0	0	25	160	1
83F-04	0.0	156.4	1G		0	0	0	0	45	45	1
83F-04	156.4	162.0	1J		63	120	0	0	0	0	1
83F-04	167.0	202.5	1J		0	0	0	0	25	120	1
83F-04	0.0	204.0	1J0		0	0	0	0	25	270	1
83F-04	207.3	210.0	1J0		0	0	0	0	20	160	1
83F-04	212.5	215.2	V		52	270	0	0	0	0	1
83F-04	217.5	221.3	JBV		0	0	0	0	30	90	1
83F-04	0.0	226.8	1V		0	0	0	0	30	110	1
83F-04	237.0	240.4	1J		0	0	5	270	0	0	1
83F-04	246.0	249.0	1J0		0	0	0	0	25	160	1
83F-04	249.0	262.8	1J		0	0	0	0	0	0	1
83F-04	263.4	265.0	2JB		0	0	0	0	10	90	1
83F-04	266.5	277.2	XSG		15	330	0	0	15	330	1
83F-04	277.2	299.5	1J		0	0	0	0	0	0	1
83F-04	299.5	331.0	JXS		0	0	0	0	0	0	1
83F-04	331.0	339.0	1J		60	190	0	0	0	0	1
83F-04	0.0	339.0	2SX		60	190	0	0	0	0	1
83F-04	345.3	372.5	2SJ		0	0	0	0	10	60	1
83F-04	372.5	406.3	1J		0	0	0	0	45	180	1
83F-04	406.3	447.3	1J		0	0	0	0	0	0	1
83F-04	0.0	460.3	S		0	0	0	0	10	350	1
83F-04	516.4	547.8	1GB		45	20	0	0	30	0	1
83F-04	0.0	552.7	1G		0	0	0	0	40	260	1
83F-04	0.0	562.0	1S		0	0	0	0	35	80	1
83F-04	0.0	572.6	1G		0	0	0	0	57	170	1
83F-04	587.7	589.7	2S		50	90	0	0	55	120	1
83F-04	590.0	606.6	1SJ		0	0	0	0	0	0	1
83F-04	611.2	612.4	1SB		0	0	0	0	0	0	1
83F-04	0.0	618.2	1SX		0	0	0	0	0	0	1
83F-04	0.0	624.3	1SX		0	0	0	0	40	180	1
83F-04	629.6	632.9	2SX		0	0	0	0	15	180	1
83F-04	634.6	648.5	SXG		99	999	0	0	0	0	1
83F-04	650.5	653.4	2XS		45	340	0	0	20	0	1
83F-04	653.4	660.6	XSG		0	0	10	350	0	0	1
83F-04	0.0	672.5	1SG		0	0	0	0	45	0	1
83F-04	0.0	674.3	1BX		0	0	0	0	60	90	1
83F-04	688.0	693.0	1SX		45	340	0	0	0	0	1
83F-04	0.0	698.0	S		0	0	0	0	27	10	1
83F-04	0.0	701.0	1J		0	0	0	0	20	180	1
83F-04	703.0	704.5	2G		0	0	0	0	0	0	1
83F-04	705.0	707.0	1J		0	0	0	0	0	0	1
83F-04	707.0	710.5	2D		0	0	0	0	15	0	1

DDH: 83F-04 UTM-N: 6,357.4 UTM-E: 14,356.4 UTM-ELEV: 4,016.9 TOTAL DEPTH: 800.7 SECTION: 132+00E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
83F-04	713.6	719.0	GJX		0	0	0	0	0	0	1
83F-04	719.0	720.0	1D		0	0	0	0	0	0	1
83F-04	720.0	720.6	1X		0	0	0	0	0	0	1
83F-04	720.6	723.3	1J		0	0	0	0	5	340	1
83F-04	723.3	723.5	1D		0	0	0	0	0	0	1
83F-04	723.8	724.3	2G		0	0	0	0	65	0	1
83F-04	0.0	746.4	1GS		0	0	0	0	55	290	1
83F-04	0.0	747.2	1GS		0	0	0	0	60	270	1
83F-04	0.0	749.0	1G		0	0	0	0	0	0	1
83F-04	764.8	767.0	2SG		40	20	0	0	0	0	1
83F-04	767.0	770.5	VBS		0	0	0	0	20	180	1
83F-04	774.0	785.6	VSG		0	0	0	0	60	0	1
83F-04	0.0	795.6	V		0	0	0	0	60	0	1
83F-04	788.5	800.7	2D		0	0	0	0	0	0	1

DRILL HOLE	: 83F-12
NORTHING	: 6,860.6
EASTING	: 14,280.4
ELEVATION	: 4,004.7
TOTAL DEPTH	: 832.0
SECTION	: 127+300E
R.F.E.	: S2
RFE DIRECTION:	210
PLUNGE ANGLE :	0
PLUNGE DIRECT:	0
DHD CALC:	1
SS CALC:	1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	8
NOS DOWN-H-SURVEYS:	9
NOS DOWN-H-LITHOLOGY:	51
NOS DOWN-H-STRUCTURE:	88
NOS DOWN-H-FAULTS:	51
NOS DOWN-H-SPLINES:	9
NOS COMPOSITES:	2

DDH: 83F-12 UTM-N: 6,860.6 UTM-E: 14,280.4 UTM-ELEV: 4,004.7 TOTAL DEPTH: 832.0 SECTION: 127+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS Cu %	Pb %	Zn %	Ag(AA) g/mT	Ag(FA) g/mT	Au(FA) g/mT	Po %	Py %	TOT Fe	BaO %	Hg %	Mn %	As %	Ba %	S.G. W.R.
736.6	738.6	82431	2.0	2.0	2H41	3.89	.19	5.12	8.79	82.11		.14	13	14	28	.40		.13			
738.6	742.2	82432	3.6	3.4	2E41	4.22	.11	5.50	9.53	81.49		.13	7	22	29	.18		.11			
742.2	744.2	82433	2.0	2.0	2E4&	3.96	.11	4.66	8.69	74.65		.13	4	21	26	.43		.09			
744.2	748.0	82434	3.8	3.5	2E4	4.25	.17	4.37	8.05	65.01		.12	7	23	30	.59		.27			
748.0	752.2	82435	4.2	4.2	2E4	3.87	.14	3.94	7.63	62.52		.25	6	19	25	.27		.13			
752.2	755.5	82436	3.3	3.3	2A34	3.19	.05	2.20	5.96	32.66		.41	3	10	14	.32		.04			
755.5	760.0	82437	4.5	3.1	2A34	2.94	.11	2.03	3.41	52.25		.65	4	4	9	.32		.04			
760.0	764.7	82438	4.7	4.2	2A34	2.79	.13	1.26	3.15	37.64		1.60	3	12	15	.26		.03			

DDH: 83F-12 UTM-N: 6,860.6 UTM-E: 14,280.4 UTM-ELEV: 4,004.7 TOTAL DEPTH: 832.0 SECTION: 127+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
30.000	179.700	213.000
110.000	179.700	128.000
210.000	178.200	39.000
310.000	177.900	68.000
410.000	176.700	68.000
510.000	175.400	45.000
610.000	173.000	41.000
810.000	171.900	45.000

DDH: 83F-12 UTM-N: 6,860.6 UTM-E: 14,280.4 UTM-ELEV: 4,004.7 TOTAL DEPTH: 832.0 SECTION: 127+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
17.7	0001	*		0.0	1
57.8	0002	3D03		0.0	1
69.5	0003	3D38	3	0.0	1
88.0	0004	3D33		0.0	1
117.1	0005	3D0		0.0	1
141.8	0006	3D53		0.0	1
144.4	0007	3B31		0.0	1
174.3	0008	3D53		0.0	1
179.7	0009	3D08	3	0.0	1
183.8	0010	3B3		0.0	1
208.6	0011	3D08	3	0.0	1
266.0	0012	3D73		0.0	1
274.3	0013	3D08	3 (3B3)	0.0	1
359.7	0014	3D03		0.0	1
365.4	0015	3D69	3	0.0	1
367.3	0016	3E3		0.0	1
370.8	0017	3B43		0.0	1
388.6	0018	3D03		0.0	1
395.2	0019	3D0		0.0	1
410.1	0020	3D0&	9	0.0	1
415.1	0021	3B3&	6	0.0	1
418.0	0022	3D0&	96	0.0	1
425.0	0023	3D0		0.0	1
426.9	0024	3C3		0.0	1
435.5	0025	1D23	(1E3,3B3)	0.0	1
451.8	0026	3D03	(0Q0)	0.0	1
455.0	0027	0Q0	(1D03)	0.0	1
473.5	0028	1D6		0.0	1
485.3	0029	1D0	(0Q*)	0.0	1
498.0	0030	1D6		0.0	1
503.0	0031	1D03	(0Q0)	0.0	1
509.6	0032	1D&2		0.0	1
528.4	0033	3D03	(3C0)	0.0	1
545.0	0034	1D6		0.0	1
557.6	0035	1D2	(1D0,0Q0)	0.0	1
638.8	0036	1D6		0.0	1
650.1	0037	1D0	(1D2)	0.0	1
709.2	0038	1D0	>1CD (0Q0)	0.0	1
726.8	0039	1CD&	4 (1D&4,0Q&9)	0.0	1
736.6	0040	1D4	>2L0	0.0	1
738.6	0041	2H41		0.0	1
742.2	0042	2E41		0.0	1
744.2	0043	2E4&	6*	0.0	1
752.2	0044	2E4	(2D5)	0.0	1
764.7	0045	2A341	(2D5)	0.0	1
772.9	0046	0Q0&	9	0.0	1
785.2	0047	1D4	(0Q9)	0.0	1
792.8	0048	1CD		0.0	1
798.3	0049	0Q0	(1CD)	0.0	1
812.9	0050	1CD	(0Q0)	0.0	1
832.0	0051	1C0	(0Q0)	0.0	1

DDH: 83F-12 UTM-N: 6,860.6 UTM-E: 14,280.4 UTM-ELEV: 4,004.7 TOTAL DEPTH: 832.0 SECTION: 127+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1/S2 ANGLE	S1/S2 DIRECT	S2/S4 ANGLE	S2/S4 DIRECT	RFE CDE	DHDC	SDC	PROCESS
83F-12	0.0	19.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	29.0	PS2		0	0	0	0	62	210	0	1	1	1
83F-12	0.0	37.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-12	0.0	46.1	PS2		0	0	0	0	55	210	0	1	1	1
83F-12	0.0	55.5	PS2		0	0	0	0	68	210	0	1	1	1
83F-12	0.0	64.3	PS2		0	0	0	0	60	210	0	1	1	1
83F-12	0.0	71.2	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	80.0	PS2		0	0	0	0	55	210	0	1	1	1
83F-12	0.0	89.3	PS2		0	0	0	0	68	210	0	1	1	1
83F-12	0.0	97.9	PS2		0	0	0	0	68	210	0	1	1	1
83F-12	107.6	110.0	CS2	S	0	0	0	0	70	210	0	1	1	1
83F-12	0.0	117.6	PS2		0	0	0	0	65	210	0	1	1	1
83F-12	122.5	130.3	CS2	Z	0	0	0	0	60	210	0	1	1	1
83F-12	130.3	137.7	CS2	M	0	0	0	0	68	210	0	1	1	1
83F-12	137.7	147.2	CS2	S	0	0	0	0	70	210	0	1	1	1
83F-12	147.2	149.9	CS2	3	0	0	0	0	70	210	0	1	1	1
83F-12	149.9	159.4	CS2	S	0	0	0	0	65	210	0	1	1	1
83F-12	159.4	161.3	CS2	E	0	0	0	0	65	210	0	1	1	1
83F-12	161.3	168.0	CS2	Z	0	0	0	0	65	210	0	1	1	1
83F-12	168.0	169.9	CS2	M	0	0	0	0	65	210	0	1	1	1
83F-12	169.9	174.0	CS2	Z	0	0	0	0	63	210	0	1	1	1
83F-12	0.0	195.6	CS2	E	0	0	0	0	70	210	0	1	1	1
83F-12	0.0	204.0	CS2	Z	0	0	0	0	75	210	0	1	1	1
83F-12	0.0	214.2	PS2		0	0	0	0	64	210	0	1	1	1
83F-12	0.0	223.3	CS2	S	0	0	0	0	60	210	0	1	1	1
83F-12	0.0	233.4	PS2		0	0	0	0	60	210	0	1	1	1
83F-12	0.0	243.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	251.7	CS2	3	0	0	0	0	60	210	0	1	1	1
83F-12	0.0	256.0	CS2	Z	0	0	0	0	60	210	0	1	1	1
83F-12	0.0	266.0	PS2		0	0	0	0	73	210	0	1	1	1
83F-12	0.0	271.4	PS2		0	0	0	0	30	210	0	1	1	1
83F-12	0.0	278.8	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	288.3	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	299.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-12	0.0	308.7	PS2		0	0	0	0	75	210	0	1	1	1
83F-12	0.0	318.5	PS2		0	0	0	0	80	210	0	1	1	1
83F-12	0.0	324.2	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	333.6	PS2		0	0	0	0	68	210	0	1	1	1
83F-12	0.0	343.6	PS2		0	0	0	0	65	210	0	1	1	1
83F-12	0.0	353.4	CS2	S	0	0	0	0	70	210	0	1	1	1
83F-12	0.0	364.7	PS2		0	0	0	0	65	210	0	1	1	1
83F-12	0.0	374.5	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	384.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	393.5	PS2		0	0	0	0	57	210	0	1	1	1
83F-12	0.0	403.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-12	0.0	410.0	PS2		0	0	0	0	50	210	0	1	1	1
83F-12	0.0	420.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-12	0.0	429.0	CS4	Z	0	0	64	0	28	220	0	1	1	1
83F-12	0.0	437.0	PS2		0	0	0	0	68	210	0	1	1	1
83F-12	0.0	455.0	PS2		0	0	0	0	73	210	0	1	1	1
83F-12	0.0	465.0	PS2		0	0	0	0	78	210	0	1	1	1

DDH: 83F-12 UTM-N: 6,860.6 UTM-E: 14,280.4 UTM-ELEV: 4,004.7 TOTAL DEPTH: 832.0 SECTION: 127+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1/S2 ANGLE	S1/S2 DIRECT	S2/S4 ANGLE	S2/S4 DIRECT	RFE CDE	DHDC	SDC	PROCESS
83F-12	0.0	475.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	485.0	PS2		0	0	0	0	76	210	0	1	1	1
83F-12	0.0	495.0	PS2		0	0	0	0	63	210	0	1	1	1
83F-12	0.0	503.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-12	0.0	517.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-12	0.0	527.5	PS2		0	0	0	0	55	210	0	1	1	1
83F-12	0.0	537.0	PS2		0	0	0	0	68	210	0	1	1	1
83F-12	0.0	546.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-12	0.0	557.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-12	0.0	567.0	PS2		0	0	0	0	80	210	0	1	1	1
83F-12	0.0	576.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-12	0.0	587.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-12	0.0	597.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-12	0.0	607.0	PS2		0	0	0	0	78	210	0	1	1	1
83F-12	0.0	618.3	PS2		0	0	0	0	76	210	0	1	1	1
83F-12	0.0	627.0	PS2		0	0	0	0	76	210	0	1	1	1
83F-12	0.0	637.0	PS2		0	0	0	0	80	210	0	1	1	1
83F-12	0.0	646.0	PS2		0	0	0	0	76	210	0	1	1	1
83F-12	0.0	656.0	PS2		0	0	0	0	85	210	0	1	1	1
83F-12	0.0	667.5	PS2		0	0	0	0	85	210	0	1	1	1
83F-12	0.0	677.0	PS2		0	0	0	0	85	210	0	1	1	1
83F-12	0.0	687.0	PS2		0	0	0	0	83	210	0	1	1	1
83F-12	0.0	697.0	PS2		0	0	0	0	73	210	0	1	1	1
83F-12	0.0	707.0	PS2		0	0	0	0	78	210	0	1	1	1
83F-12	0.0	717.0	PS2		0	0	0	0	63	210	0	1	1	1
83F-12	0.0	727.0	PS2		0	0	0	0	72	210	0	1	1	1
83F-12	0.0	755.5	CS4	Z	0	0	75	180	50	220	0	1	1	1
83F-12	0.0	763.0	PS2		0	0	0	0	5	210	0	1	1	1
83F-12	0.0	774.8	CS4	M	0	0	0	0	10	220	0	1	1	1
83F-12	0.0	775.2	CS4	Z	0	0	44	90	22	220	0	1	1	1
83F-12	0.0	778.0	CS4	Z	0	0	32	200	45	220	0	1	1	1
83F-12	0.0	789.0	CS4	Z	0	0	53	180	43	210	0	1	1	1
83F-12	0.0	807.0	CS4	Z	0	0	70	0	32	210	0	1	1	1
83F-12	0.0	809.7	CS4	Z	0	0	70	0	18	220	0	1	1	1
83F-12	0.0	820.0	CS4	Z	0	0	73	180	32	220	0	1	1	1
83F-12	0.0	830.1	CS4	Z	0	0	65	170	62	220	0	1	1	1
83F-12	0.0	831.7	CS2	S	0	0	0	0	65	210	0	1	1	1

DDH: 83F-12 UTM-N: 6,860.6 UTM-E: 14,280.4 UTM-ELEV: 4,004.7 TOTAL DEPTH: 832.0 SECTION: 127+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
83F-12	17.0	38.0	1JB		0	0	5	20	0	0	1
83F-12	52.0	54.4	S1G		0	0	0	0	20	0	1
83F-12	58.0	67.0	1BJ		0	0	5	10	5	340	1
83F-12	0.0	71.3	V		0	0	0	0	12	270	1
83F-12	0.0	78.0	1SX		0	0	0	0	99	999	1
83F-12	0.0	81.0	1J		0	0	0	0	7	60	1
83F-12	0.0	94.0	1J		0	0	0	0	5	20	1
83F-12	180.4	183.9	2S		0	0	0	0	0	0	1
83F-12	203.0	218.4	1J		12	180	5	270	22	270	1
83F-12	240.5	256.5	1V		0	0	0	0	99	999	1
83F-12	265.3	270.8	SXB		22	90	0	0	0	0	1
83F-12	277.0	330.0	1J		5	340	12	90	5	20	1
83F-12	0.0	347.7	1SV		0	0	0	0	35	270	1
83F-12	0.0	350.0	1S		0	0	0	0	50	0	1
83F-12	367.0	370.4	SXV		0	0	0	0	0	0	1
83F-12	371.0	382.0	1V		0	0	0	0	0	0	1
83F-12	382.0	382.4	3X		0	0	0	0	0	0	1
83F-12	391.0	392.0	SV		0	0	0	0	99	999	1
83F-12	400.5	400.3	1JX		0	0	0	0	20	270	1
83F-12	414.0	417.2	2JX		0	0	0	0	0	0	1
83F-12	0.0	435.5	1X		0	0	0	0	0	0	1
83F-12	451.7	453.0	V		0	0	0	0	0	0	1
83F-12	453.0	455.0	BSG		0	0	0	0	99	999	1
83F-12	0.0	476.0	V		0	0	0	0	0	0	1
83F-12	0.0	485.0	VS		0	0	0	0	45	0	1
83F-12	498.1	503.0	S2G		8	0	0	0	0	0	1
83F-12	0.0	528.4	S1X		0	0	0	0	25	20	1
83F-12	0.0	540.0	F		0	0	0	0	0	0	1
83F-12	542.8	551.0	1V		65	0	0	0	0	0	1
83F-12	0.0	556.4	V		0	0	0	0	0	0	1
83F-12	0.0	602.0	1GS		0	0	0	0	35	0	1
83F-12	0.0	603.1	V		55	320	0	0	0	0	1
83F-12	0.0	638.8	1GS		0	0	0	0	48	270	1
83F-12	0.0	650.1	1GS		0	0	0	0	45	270	1
83F-12	0.0	652.7	1GS		0	0	0	0	45	340	1
83F-12	656.0	667.5	BSG		0	0	50	270	0	0	1
83F-12	669.7	671.5	ZV		0	0	0	0	0	0	1
83F-12	0.0	674.4	S		0	0	0	0	0	0	1
83F-12	687.8	689.0	2V		0	0	0	0	0	0	1
83F-12	0.0	712.0	1GS		0	0	0	0	50	270	1
83F-12	713.5	717.0	3V		0	0	0	0	0	0	1
83F-12	0.0	727.3	V		0	0	0	0	0	0	1
83F-12	731.5	736.6	1SG		0	0	0	0	0	0	1
83F-12	736.6	742.0	BJD		0	0	0	0	0	0	1
83F-12	742.0	764.7	BRJ		0	0	0	0	0	0	1
83F-12	764.7	774.0	V		0	0	0	0	0	0	1
83F-12	774.0	783.0	1VS		0	0	35	180	0	0	1
83F-12	0.0	787.0	1VS		0	0	0	0	0	0	1
83F-12	792.5	798.4	V1X		0	0	0	0	0	0	1
83F-12	799.4	801.3	BVS		25	0	0	0	0	0	1
83F-12	801.3	832.0	1V		0	0	0	0	0	0	1

DRILL HOLE	: 83F-15
NORTHING	: 7,078.3
EASTING	: 14,504.0
ELEVATION	: 4,013.0
TOTAL DEPTH	: 759.0
SECTION	: 127+300E
R.F.E.	: S2
RFE DIRECTION:	210
PLUNGE ANGLE :	0
PLUNGE DIRECT:	0
DHD CALC:	1
SS CALC:	1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	18
NOS DOWN-H-SURVEYS:	7
NOS DOWN-H-LITHOLOGY:	48
NOS DOWN-H-STRUCTURE:	75
NOS DOWN-H-FAULTS:	51
NOS DOWN-H-SPLINES:	7
NOS COMPOSITES:	4

DDH: 83F-15 UTM-N: 7,078.3 UTM-E: 14,504.0 UTM-ELEV: 4,013.0 TOTAL DEPTH: 759.0 SECTION: 12?+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

----DEPTHS---		SAMPLE	INT.	REC.	ROCK	ASSAYS													
FROM	TO	NO.			UNIT	S.G. PULP	Cu %	Pb %	Zn %	Ag(AA) g/mT	Ag(FA) g/mT	Au(FA) g/mT	Po %	Py %	TOT Fe	BaO %	Hg %	Mn %	As %	Ba %	S.G. W.R.
641.4	647.0	82451	5.6	5.6	2A4	2.94	.11	2.36	3.95	29.24		.27	3	3	7	.20		.02			
647.0	652.7	82452	5.7	5.5	2D0	2.90	.10	3.88	2.08	50.08		.55	3	2	5	.32		.02			
652.7	654.8	82453	2.1	2.0	2E46	4.33	.03	4.34	12.32	59.41		.14	2	24	27	4.60		.05			
654.8	660.6	82454	5.8	5.6	2G41	4.28	.12	4.55	7.50	74.65		.09	5	16	22	14.17		.20			
660.6	662.3	82455	1.7	1.7	2D4	3.72	.17	4.78	5.08	67.50		.19	9	9	18	10.53		.15			
662.3	666.5	82456	4.2	4.1	2F46	3.84	.19	4.49	6.85	87.10		.23	9	16	25	4.03		.16			
666.5	669.8	82457	3.3	3.3	2E4&	4.51	.10	2.48	5.96	48.21		.10	7	28	36	.19		.05			
669.8	675.2	82458	5.4	5.3	2A41	3.03	.05	1.74	4.41	24.37		.12	4	3	7	.36		.02			
675.2	680.5	82459	5.3	5.1	2A41	2.81	.06	1.07	2.88	21.15		.14	3	2	6	.27		.01			
680.5	684.0	82460	3.5	3.4	2A3&	2.90	.10	1.06	2.51	29.55		.27	2	5	7	.25		.01			
684.0	687.4	82461	3.4	3.4	2A0	2.82	.05	.53	1.75	9.95		.05	3	2	5	.24		.01			
687.4	689.4	82462	2.0	2.0	2A1	2.75	.06	.52	1.55	15.55		.08	3		3	.22		.02			
689.4	692.6	82463	3.2	3.1	2D5	2.87	.05	.97	2.73	24.26		.04	5	2	8	.28		.04			
692.6	695.7	82464	3.1	3.1	2D5	3.09	.14	1.60	3.50	34.34		.05	8	6	14	.35		.03			
695.7	700.0	82465	4.3	4.0	2A1	2.79	.05	.80	2.02	17.42		.04	2	2	4	.21		.01			
700.0	704.3	82466	4.3	4.1	2A1	2.82	.06	.91	2.04	29.55		.05	3	2	6	.20		.04			
704.3	708.6	82467	4.3	4.3	2A1	2.78	.03	.66	2.08	15.55		.04	2	1	3	.34		.02			
708.6	709.7	82468	1.1	1.1	2C0	2.85	.05	.62	.77	18.35		.05	3	3	7	.26		.13			

DDH: 83F-15 UTM-N: 7,078.3 UTM-E: 14,504.0 UTM-ELEV: 4,013.0 TOTAL DEPTH: 759.0 SECTION: 127+300E
RFE: 52 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
23.000	178.800	236.000
142.000	179.500	33.000
242.000	177.500	75.000
442.000	176.100	54.000
642.000	174.000	51.000
742.000	171.500	48.000

DDH: 83F-15 UTM-N: 7,078.3 UTM-E: 14,504.0 UTM-ELEV: 4,013.0 TOTAL DEPTH: 759.0 SECTION: 127+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
12.9	0001	*		0.0	1
36.5	0002	3D3	(3D53)	0.0	1
54.2	0003	3C3	(3D18)	0.0	1
74.6	0004	3D53	(3D0)	0.0	1
141.5	0005	3D03	(3D53)	0.0	1
177.2	0006	3D53		0.0	1
195.0	0007	3D73		0.0	1
213.3	0008	3D0&	8	0.0	1
217.5	0009	3D53	&8	0.0	1
279.6	0010	3D0	&8	0.0	1
309.3	0011	3D7	(0Q*)	0.0	1
313.0	0012	3D7&	9	0.0	1
313.9	0013	3E3	(0Q0)	0.0	1
319.2	0014	3B4		0.0	1
328.9	0015	3D7&	8>3D0&8	0.0	1
353.8	0016	3D08	3>3B3	0.0	1
367.8	0017	3D0&	8<3C3)	0.0	1
373.0	0018	1D&2	(3C3)	0.0	1
382.8	0019	1D2	(3E3,1D29)	0.0	1
418.7	0020	3D0&	3<0Q*9)	0.0	1
424.2	0021	1D0&	3	0.0	1
427.0	0022	0Q0&	9	0.0	1
444.4	0023	1D0	>1CD (0Q0)	0.0	1
492.8	0024	1D0	>1CD	0.0	1
498.9	0025	3C3		0.0	1
538.6	0026	1D0	(3B43)	0.0	1
583.1	0027	1D0&	6	0.0	1
589.8	0028	1D0	&3	0.0	1
593.4	0029	1D2	(1E0&9)	0.0	1
601.6	0030	1D0	(1D0&4)	0.0	1
612.1	0031	1D4	(0Q0&9)	0.0	1
636.4	0032	1D0		0.0	1
641.4	0033	1D4	(0Q0)	0.0	1
647.0	0034	2A4	(2D0)	0.0	1
652.7	0035	2D0	(2A0,0Q9)	0.0	1
654.8	0036	2E46	&@	0.0	1
660.6	0037	2G41	&8	0.0	1
662.3	0038	2D4	(2G4)	0.0	1
666.5	0039	2F46	1(2D5)	0.0	1
669.8	0040	2E4&	7	0.0	1
680.5	0041	2A41	(2D5)	0.0	1
687.4	0042	2A3&	4	0.0	1
689.4	0043	2A1&	4	0.0	1
695.7	0044	2D5	[2A14] (2H0)	0.0	1
708.6	0045	2A1	(2B5,1E19)	0.0	1
709.7	0046	2C0		0.0	1
715.3	0047	1C4	(1D4)	0.0	1
759.0	0048	1CD	>1C0 (0Q0)	0.0	1

DDH: 83F-15 UTM-N: 7,078.3 UTM-E: 14,504.0 UTM-ELEV: 4,013.0 TOTAL DEPTH: 759.0 SECTION: 127+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1/S2 ANGLE	S1/S2 DIRECT	S2/S4 ANGLE	S2/S4 DIRECT	RFE CDE	DHDC	SDC	PROCESS
83F-15	0.0	17.0	CS2	Z	0	0	0	0	70	210	0	1	1	1
83F-15	0.0	26.7	CS2	Z	0	0	0	0	75	210	0	1	1	1
83F-15	0.0	36.5	PS2		0	0	0	0	75	210	0	1	1	1
83F-15	0.0	47.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-15	0.0	57.0	CS2	Z	0	0	0	0	70	210	0	1	1	1
83F-15	0.0	67.5	CS2	Z	0	0	0	0	60	210	0	1	1	1
83F-15	0.0	74.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	86.2	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	93.5	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	103.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-15	0.0	112.5	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	123.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	132.5	PS2		0	0	0	0	75	210	0	1	1	1
83F-15	0.0	147.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	157.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	157.0	170.5	CS2	Z	0	0	0	0	70	210	0	1	1	1
83F-15	170.5	177.3	CS2	M	0	0	0	0	68	210	0	1	1	1
83F-15	177.3	191.0	CS2	Z	0	0	0	0	70	210	0	1	1	1
83F-15	0.0	192.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-15	0.0	202.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	212.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	225.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-15	0.0	237.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	242.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	252.0	CS2	Z	0	0	0	0	70	210	0	1	1	1
83F-15	0.0	261.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	272.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-15	0.0	278.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	287.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	293.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	302.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	312.0	CS2	Z	0	0	0	0	70	210	0	1	1	1
83F-15	0.0	323.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	328.0	CS2	S	0	0	0	0	70	210	0	1	1	1
83F-15	0.0	335.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	344.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-15	0.0	362.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	372.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	380.0	CS4	Z	0	0	80	0	55	220	0	1	1	1
83F-15	0.0	395.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	404.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	409.0	CS4	Z	0	0	80	0	55	220	0	1	1	1
83F-15	0.0	418.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-15	0.0	428.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	437.0	CS4	Z	0	0	80	0	50	220	0	1	1	1
83F-15	0.0	448.0	PS2		0	0	0	0	55	210	0	1	1	1
83F-15	0.0	459.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	477.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	487.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-15	0.0	497.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	501.0	PS2		0	0	0	0	70	210	0	1	1	1

DDH: 83F-15 UTM-N: 7,078.3 UTM-E: 14,504.0 UTM-ELEV: 4,013.0 TOTAL DEPTH: 759.0 SECTION: 127+300E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1/S2 ANGLE	S1/S2 DIRECT	S2/S4 ANGLE	S2/S4 DIRECT	RFE CDE	DHDC	SDC	PROCESS
83F-15	0.0	516.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	527.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	537.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	548.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	557.0	PS2		0	0	0	0	80	210	0	1	1	1
83F-15	0.0	567.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	577.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	592.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	597.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	604.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-15	0.0	612.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-15	0.0	625.0	CS4	Z	0	0	85	10	25	220	0	1	1	1
83F-15	0.0	639.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-15	0.0	641.4	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	672.0	CS2	Z	0	0	0	0	70	210	0	1	1	1
83F-15	0.0	682.0	CS2	Z	0	0	0	0	70	210	0	1	1	1
83F-15	0.0	692.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-15	0.0	704.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-15	0.0	715.0	CS4	Z	0	0	75	0	30	220	0	1	1	1
83F-15	0.0	720.0	CS4	Z	0	0	65	170	50	220	0	1	1	1
83F-15	0.0	727.0	CS4	Z	0	0	35	180	50	220	0	1	1	1
83F-15	0.0	735.0	CS4	Z	0	0	70	10	45	220	0	1	1	1
83F-15	0.0	746.0	CS4	Z	0	0	65	10	50	220	0	1	1	1
83F-15	0.0	753.0	CS4	Z	0	0	50	0	45	220	0	1	1	1

DDH: 83F-15 UTM-N: 7,078.3 UTM-E: 14,504.0 UTM-ELEV: 4,013.0 TOTAL DEPTH: 759.0 SECTION: 127+300E
RFE: 92 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
83F-15	0.0	29.0	J		0	0	0	0	0	0	1
83F-15	0.0	40.2	1JV		0	0	0	0	0	0	1
83F-15	43.0	45.0	J1B		0	0	0	0	0	0	1
83F-15	0.0	51.7	1J		0	0	0	0	0	0	1
83F-15	0.0	90.3	S		0	0	0	0	0	0	1
83F-15	0.0	91.8	V		0	0	0	0	0	0	1
83F-15	0.0	131.7	1S		0	0	30	0	0	0	1
83F-15	0.0	141.2	V		0	0	0	0	0	0	1
83F-15	0.0	144.0	V		0	0	0	0	0	0	1
83F-15	0.0	183.0	J		0	0	40	20	0	0	1
83F-15	214.9	215.1	BSX		60	0	0	0	0	0	1
83F-15	0.0	260.9	BJS		0	0	99	999	0	0	1
83F-15	0.0	270.0	V		0	0	0	0	0	0	1
83F-15	275.6	277.0	B1G		0	0	0	0	0	0	1
83F-15	0.0	287.0	G		0	0	99	999	0	0	1
83F-15	0.0	302.0	V1G		0	0	0	0	0	0	1
83F-15	302.7	312.1	FB		25	270	0	0	0	0	1
83F-15	312.5	314.2	BSG		0	0	0	0	0	0	1
83F-15	314.2	321.0	1F		0	0	0	0	0	0	1
83F-15	0.0	348.2	S1G		0	0	99	999	0	0	1
83F-15	359.7	360.3	BRG		0	0	0	0	0	0	1
83F-15	0.0	370.0	1BJ		0	0	0	0	0	0	1
83F-15	393.2	394.5	B1S		99	999	0	0	0	0	1
83F-15	0.0	418.5	S		0	0	85	180	0	0	1
83F-15	424.2	426.2	V		0	0	0	0	99	999	1
83F-15	0.0	440.5	S1G		0	0	50	200	0	0	1
83F-15	461.5	462.0	V		99	999	0	0	0	0	1
83F-15	467.0	469.0	J		0	0	99	999	0	0	1
83F-15	482.3	484.0	BJS		0	0	0	0	0	0	1
83F-15	497.0	498.4	S1G		0	0	99	999	0	0	1
83F-15	0.0	523.5	VS		0	0	0	0	60	20	1
83F-15	0.0	554.9	VBS		0	0	35	340	0	0	1
83F-15	582.9	588.8	SGB		99	999	0	0	99	999	1
83F-15	592.9	594.2	BSG		45	90	0	0	99	999	1
83F-15	0.0	600.0	SVG		0	0	0	0	0	0	1
83F-15	604.4	612.2	XSG		60	0	0	0	99	999	1
83F-15	0.0	618.2	F1G		0	0	0	0	55	180	1
83F-15	0.0	635.6	G		0	0	0	0	35	270	1
83F-15	0.0	636.5	V		0	0	45	90	0	0	1
83F-15	637.0	637.8	V		0	0	0	0	0	0	1
83F-15	640.8	641.4	SBG		0	0	99	999	0	0	1
83F-15	647.5	648.3	V		0	0	0	0	0	0	1
83F-15	654.9	666.4	D		0	0	0	0	0	0	1
83F-15	686.4	707.4	1BJ		0	0	0	0	0	0	1
83F-15	0.0	707.5	S1G		0	0	99	999	0	0	1
83F-15	710.8	712.0	SBR		0	0	0	0	0	0	1
83F-15	0.0	714.5	S1B		0	0	0	0	0	0	1
83F-15	0.0	721.5	SBJ		0	0	0	0	0	0	1
83F-15	0.0	724.9	F		0	0	0	0	0	0	1
83F-15	727.4	732.5	1B		0	0	0	0	0	0	1
83F-15	0.0	757.5	V		0	0	0	0	0	0	1

DRILL HOLE	: 83F-19
NORTHING	: 7,346.4
EASTING	: 14,193.2
ELEVATION	: 3,988.6
TOTAL DEPTH	: 787.0
SECTION	: 122+600E
R.F.E.	: S2
RFE DIRECTION:	210
PLUNGE ANGLE :	0
PLUNGE DIRECT:	0
DHD CALC:	1
SS CALC:	1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	11
NOS DOWN-H-SURVEYS:	10
NOS DOWN-H-LITHOLOGY:	61
NOS DOWN-H-STRUCTURE:	74
NOS DOWN-H-FAULTS:	59
NOS DOWN-H-SPLINES:	10
NOS COMPOSITES:	3

DDH: 83F-19 UTM-N: 7,346.4 UTM-E: 14,193.2 UTM-ELEV: 3,988.6 TOTAL DEPTH: 787.0 SECTION: 122+600E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	Cu %	Pb %	Zn %	Ag(AA) g/mT	Ag(FA) g/mT	Au(FA) g/mT	Po %	Py %	TOT Fe	BaO %	Hg %	Mn %	As %	Ba %	S.G. W.R.
694.5	697.9	82513	3.4	3.4	2A41	2.74	.04	.85	2.51	20.84		.05	5	3	8	.25		.05			
697.9	699.5	82514	1.6	1.6	2D4	3.23	.11	4.84	7.16	68.12		.05	9	6	16	.20		.08			
699.5	704.1	82515	4.6	4.6	2E41	3.66	.18	6.47	10.64	96.11		.09	14	9	24	.18		.14			
704.1	708.7	82516	4.6	4.6	2E41	3.38	.09	8.57	16.20	114.15		.09	10	3	14	.14		.15			
708.7	713.2	82517	4.5	4.0	2E46	3.51	.12	7.51	13.90	101.71		.07	12	5	18	1.35		.16			
713.2	717.5	82518	4.3	4.3	2H41	3.87	.22	5.96	11.00	90.82		.07	21	7	28	1.65		.15			
717.5	721.8	82519	4.3	4.3	2H41	3.72	.26	4.00	8.97	66.56		.08	24	7	31	.61		.11			
721.8	726.0	82520	4.2	4.2	2H41	3.63	.20	5.13	10.16	78.38		.12	20	6	26	.81		.08			
726.0	728.0	82521	2.0	1.4	2E41	3.83	.06	4.08	7.81	45.10		.12	5	21	26	.20		.05			
728.0	732.7	82522	4.7	4.3	2A43	2.82	.07	1.06	2.70	21.46		.22	3	5	9	.21		.02			
732.7	735.9	82523	3.2	3.2	2A0	2.76	.07	.64	1.46	16.80		.11	4	2	6	.22		.02			

DDH: 83F-19 UTM-N: 7,346.4 UTM-E: 14,193.2 UTM-ELEV: 3,988.6 TOTAL DEPTH: 787.0 SECTION: 122+600E
RFE: 52 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
47.000	179.500	113.000
70.000	179.500	218.000
170.000	179.000	93.000
270.000	178.500	56.000
370.000	177.200	53.000
470.000	175.400	38.000
570.000	174.000	35.000
670.000	172.000	51.000
770.000	171.000	49.000

DDH: 83F-19 UTM-N: 7,346.4 UTM-E: 14,193.2 UTM-ELEV: 3,988.6 TOTAL DEPTH: 787.0 SECTION: 122+600E
RFE: 32 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
23.7	0001	*	TRICONED	0.0	1
27.7	0002	3D0&	7	0.0	1
57.3	0003	3D03	&7(0Q0)	0.0	1
65.7	0004	3D5&	8	0.0	1
78.0	0005	3D0		0.0	1
85.5	0006	3D0	(3D5)	0.0	1
90.6	0007	3B0&	4	0.0	1
104.6	0008	3D09	(3E3)	0.0	1
109.5	0009	3D73	&9	0.0	1
118.7	0010	3B3&	4	0.0	1
123.3	0011	3D03		0.0	1
151.7	0012	3D73		0.0	1
153.8	0013	3D08	(3D5)	0.0	1
200.9	0014	3D53		0.0	1
203.0	0015	3C0		0.0	1
219.5	0016	3D0		0.0	1
229.0	0017	3D03		0.0	1
230.8	0018	3D03	8	0.0	1
303.2	0019	3D0		0.0	1
306.9	0020	3D09	(3E3)	0.0	1
309.3	0021	3C3		0.0	1
335.0	0022	3D03	&8	0.0	1
339.0	0023	3C3	(3D7)	0.0	1
348.6	0024	3D0	(3D08)	0.0	1
357.4	0025	3D09	(3D08)	0.0	1
360.8	0026	1E31	&9	0.0	1
368.6	0027	1D0&	2	0.0	1
376.5	0028	3B43	&6	0.0	1
378.9	0029	1D0		0.0	1
386.5	0030	3D08		0.0	1
398.0	0031	3D0		0.0	1
408.0	0032	1D0		0.0	1
419.5	0033	1D0	>1CD	0.0	1
467.2	0034	1D0		0.0	1
473.6	0035	1D0	(1H0)	0.0	1
477.2	0036	1D0&	4	0.0	1
487.0	0037	1F0&	3	0.0	1
490.6	0038	1D0	(0Q0)	0.0	1
505.5	0039	1F0	(1F3)	0.0	1
540.5	0040	1D0		0.0	1
546.4	0041	1D0	(1D2,0Q0)	0.0	1
560.3	0042	1D0	(0Q0)	0.0	1
568.7	0043	1D2	(0Q9)	0.0	1
630.4	0044	1D0	(0Q0)	0.0	1
647.1	0045	1D2	(1D0)	0.0	1
666.0	0046	1D0&	2	0.0	1
687.9	0047	1D0&	4	0.0	1
694.5	0048	1D4	>2L0(1H4)	0.0	1
697.9	0049	2A41	(1E&9)	0.0	1
699.5	0050	2D4		0.0	1
713.2	0051	2E41	67(200)	0.0	1

DDH: 83F-19 UTM-N: 7,346.4 UTM-E: 14,193.2 UTM-ELEV: 3,988.6 TOTAL DEPTH: 787.0 SECTION: 122+600E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
726.0	0052	2H41		0.0	1
728.0	0053	2E41	&@	0.0	1
732.7	0054	2A43	(2A0)	0.0	1
735.9	0055	2A0		0.0	1
738.0	0056	2L0	(1E1&9)	0.0	1
739.9	0057	0Q0		0.0	1
755.1	0058	1D0&	4)1CD	0.0	1
775.7	0059	1CD	(0Q0)	0.0	1
781.6	0060	1CD		0.0	1
787.0	0061	1C0	(0Q0)	0.0	1

DDH: 83F-19 UTM-N: 7,346.4 UTM-E: 14,193.2 UTM-ELEV: 3,988.6 TOTAL DEPTH: 787.0 SECTION: 122+600E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1/S2 ANGLE	S1/S2 DIRECT	S2/S4 ANGLE	S2/S4 DIRECT	RFE CDE	DHDC	SDC	PROCESS
83F-19	0.0	25.0	PS2		0	0	0	0	73	210	0	1	1	1
83F-19	0.0	36.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	44.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	56.0	PS2		0	0	0	0	80	210	0	1	1	1
83F-19	0.0	67.0	PS2		0	0	0	0	73	210	0	1	1	1
83F-19	0.0	77.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	83.5	PS2		0	0	0	0	55	210	0	1	1	1
83F-19	0.0	96.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-19	0.0	105.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-19	0.0	109.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	119.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-19	0.0	127.0	PS2		0	0	0	0	53	210	0	1	1	1
83F-19	0.0	137.5	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	147.5	PS2		0	0	0	0	68	210	0	1	1	1
83F-19	0.0	157.0	PS2		0	0	0	0	64	210	0	1	1	1
83F-19	0.0	167.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	177.0	PS2		0	0	0	0	68	210	0	1	1	1
83F-19	0.0	186.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	197.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-19	0.0	206.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	215.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	225.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	236.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-19	0.0	246.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	256.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	265.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	278.0	PS2		0	0	0	0	68	210	0	1	1	1
83F-19	0.0	286.5	PS2		0	0	0	0	63	210	0	1	1	1
83F-19	0.0	297.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	306.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	316.5	PS2		0	0	0	0	70	210	0	1	1	1
83F-19	0.0	325.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	333.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	342.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-19	0.0	347.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	358.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	368.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	377.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	387.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	397.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	406.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	417.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-19	0.0	427.5	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	436.5	PS2		0	0	0	0	70	210	0	1	1	1
83F-19	449.0	451.5	PS2		0	0	0	0	10	210	0	1	1	1
83F-19	0.0	466.5	PS2		0	0	0	0	68	210	0	1	1	1
83F-19	0.0	477.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	0.0	486.0	CS4	Z	0	0	75	0	50	220	0	1	1	1
83F-19	0.0	495.0	PS2		0	0	0	0	78	210	0	1	1	1
83F-19	0.0	510.5	CS4	Z	0	0	80	75	52	220	0	1	1	1
83F-19	0.0	520.0	PS2		0	0	0	0	70	210	0	1	1	1

DDH: 83F-19 UTM-N: 7,346.4 UTM-E: 14,193.2 UTM-ELEV: 3,988.6 TOTAL DEPTH: 787.0 SECTION: 122+600E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1/52 ANGLE	S1/52 DIRECT	S2/54 ANGLE	S2/54 DIRECT	RFE CDE	DHDC	SDC	PROCESS
83F-19	0.0	536.5	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	548.5	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	558.5	PS2		0	0	0	0	70	210	0	1	1	1
83F-19	569.0	577.0	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	577.0	582.0	CS4	Z	0	0	37	85	45	220	0	1	1	1
83F-19	0.0	592.0	PS2		0	0	0	0	57	210	0	1	1	1
83F-19	0.0	601.0	PS2		0	0	0	0	63	210	0	1	1	1
83F-19	0.0	611.0	PS2		0	0	0	0	60	210	0	1	1	1
83F-19	0.0	623.0	PS2		0	0	0	0	45	210	0	1	1	1
83F-19	631.0	636.5	CS4	Z	0	0	67	90	55	220	0	1	1	1
83F-19	0.0	645.0	PS2		0	0	0	0	70	210	0	1	1	1
83F-19	0.0	656.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	666.0	CS4	Z	0	0	65	90	55	220	0	1	1	1
83F-19	0.0	674.0	PS2		0	0	0	0	75	210	0	1	1	1
83F-19	0.0	685.0	CS4	Z	0	0	75	130	60	220	0	1	1	1
83F-19	0.0	691.5	PS2		0	0	0	0	70	210	0	1	1	1
83F-19	727.8	734.6	PS2		0	0	0	0	65	210	0	1	1	1
83F-19	734.6	743.0	CS4	M	0	0	32	180	60	220	0	1	1	1
83F-19	743.0	752.5	PS2		0	0	0	0	56	210	0	1	1	1
83F-19	752.5	765.0	CS4	Z	0	0	68	180	50	220	0	1	1	1
83F-19	765.0	766.5	CS4	S	0	0	17	0	38	220	0	1	1	1
83F-19	0.0	772.0	PS2		0	0	0	0	52	210	0	1	1	1
83F-19	0.0	784.0	PS2		0	0	0	0	65	210	0	1	1	1

DDH: 83F-19 UTM-N: 7,346.4 UTM-E: 14,193.2 UTM-ELEV: 3,988.6 TOTAL DEPTH: 787.0 SECTION: 122+600E
RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
83F-19	29.5	30.4	1BX		0	0	0	0	0	0	1
83F-19	0.0	32.0	J		0	0	0	0	15	50	1
83F-19	0.0	41.0	J		0	0	0	0	10	150	1
83F-19	0.0	54.8	J		0	0	0	0	25	0	1
83F-19	0.0	58.7	1BS		0	0	0	0	40	270	1
83F-19	61.8	62.8	1BV		0	0	0	0	15	260	1
83F-19	0.0	66.0	V		0	0	0	0	10	270	1
83F-19	0.0	78.0	J		0	0	0	0	15	0	1
83F-19	86.5	90.7	1XV		0	0	0	0	0	0	1
83F-19	90.7	95.4	BVS		0	0	0	0	0	0	1
83F-19	98.0	109.5	1BJ		0	0	40	270	0	0	1
83F-19	110.0	118.4	BSX		0	0	0	0	0	0	1
83F-19	126.5	144.0	J1S		0	0	0	0	0	0	1
83F-19	0.0	151.2	S		0	0	0	0	35	270	1
83F-19	0.0	168.0	S		0	0	0	0	28	310	1
83F-19	183.0	187.0	1BJ		25	270	0	0	30	270	1
83F-19	198.5	206.0	1J		20	0	0	0	15	90	1
83F-19	0.0	227.0	J		0	0	0	0	25	90	1
83F-19	0.0	264.9	S		0	0	0	0	30	320	1
83F-19	0.0	266.4	1GS		0	0	0	0	40	300	1
83F-19	0.0	305.5	1SX		0	0	0	0	20	75	1
83F-19	0.0	307.5	J		0	0	0	0	45	0	1
83F-19	0.0	324.5	J		0	0	0	0	15	180	1
83F-19	0.0	342.0	S		0	0	0	0	50	80	1
83F-19	0.0	363.5	V		0	0	0	0	0	0	1
83F-19	383.0	386.0	1B		0	0	0	0	0	0	1
83F-19	394.4	397.6	BGS		0	0	0	0	0	0	1
83F-19	0.0	412.5			0	0	0	0	30	270	1
83F-19	0.0	429.5	BGS		0	0	0	0	0	0	1
83F-19	438.0	438.5	2S		0	0	0	0	0	0	1
83F-19	450.4	460.0	BRJ		0	0	0	0	0	0	1
83F-19	505.5	507.0	1GS		0	0	40	310	0	0	1
83F-19	520.0	522.0	1B		0	0	0	0	0	0	1
83F-19	531.0	533.0	1B		0	0	0	0	0	0	1
83F-19	0.0	535.5	1VS		0	0	0	0	0	0	1
83F-19	540.5	548.0	VGS		0	0	43	0	50	320	1
83F-19	549.9	551.2	V		0	0	0	0	0	0	1
83F-19	0.0	563.0	V		0	0	0	0	0	0	1
83F-19	0.0	565.0	V		0	0	0	0	0	0	1
83F-19	0.0	568.0	V		0	0	0	0	0	0	1
83F-19	570.8	572.0	J		0	0	0	0	0	0	1
83F-19	0.0	586.5	1JS		0	0	0	0	0	0	1
83F-19	0.0	598.0	S		0	0	0	0	30	90	1
83F-19	603.0	609.4	JVS		0	0	0	0	0	0	1
83F-19	622.0	635.0	BSX		0	0	30	90	0	0	1
83F-19	652.5	654.0	1VS		0	0	0	0	25	270	1
83F-19	664.0	672.0	BGS		0	0	0	0	0	0	1
83F-19	0.0	687.5	V		0	0	0	0	0	0	1
83F-19	688.3	695.5	XGS		0	0	25	0	0	0	1
83F-19	0.0	695.9	S		0	0	0	0	0	0	1
83F-19	0.0	697.0	J		0	0	0	0	0	0	1

DDH: 83F-19 UTM-N: 7,346.4 UTM-E: 14,193.2 UTM-ELEV: 3,988.6 TOTAL DEPTH: 787.0 SECTION: 122+600E
RFE: 82 RFE DIR: 210 PLUNGE ANGLES: 0 0 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
83F-19	697.9	728.0	JSD		0	0	0	0	0	0	1
83F-19	728.0	730.8	1BJ		0	0	0	0	0	0	1
83F-19	738.0	740.0	2BV		0	0	0	0	0	0	1
83F-19	758.6	761.4	BVS		0	0	0	0	55	90	1
83F-19	0.0	765.6	1B		0	0	0	0	0	0	1
83F-19	0.0	767.8	S		0	0	0	0	0	0	1
83F-19	774.2	776.0	BVS		50	20	0	0	0	0	1
83F-19	781.0	783.7	1VS		10	270	0	0	25	90	1

APPENDIX III

FAULT FEATURES

MAIN FEATURE	
BROKEN CORE	=B
RUBBLE	=R
GOUGE	=G
SHEARED	=S
FAULT	=F
BRITTLE BRECCIA	=X
DUCTILE BRECCIA	=D
QUARTZ-CALCITE VEIN	=V
JOINTS/FRACTURES	=J
POKER CHIPPY	=T
MISLATCH	=M
CAVE	=C
NO CORE	=N
POOR RECOVERY	=P
NO RECOVERY	=NP
MISSING CORE (SAMPLED)	=NNN
ARTIFICALLY BROKEN CORE	=A

DEGREE

1 =weak, minor, slight(ly)

2 =moderate

3 =strong, largely, high(ly), very, dominant(ly)

? =questionable

APPENDIX IV

INVOICES

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

*** INVOICE ***

To : CYPRUS ANVIL MINING CORPORATION

P.O. BOX 1000
FARO, YUKON TERRITORY
YOB 1KO

Invoice # : I8317012

Date : 12-JAN-84
P.O. # : 79183X
Project R 29737

Invoice for analytical work reported on certificate(s) A8317012-001 to -005

Quantity	Analysed for code	description		unit price	amount
164	399 - Au		g/tonne	7.50	1230.00
Sample preparation and other charges :					
164	227 - Ro[illegible] charge			1.00	164.00

TOTAL $ 1394.00
Discount (10 %) $ 139.40

Please pay this amount ----> $ 1254.60

POSTED
JAN 20 1984
TO HOLD

TERMS -- NET 30 DAYS
1.5 % per month (18 % per annum) charged on overdue accounts

DISTRIBUTION
JAN 24 1984
POSTED

C.A.M.C. P.O. # 7877

ITM	QU	UT		
3 of 001				1254.60
35745				

REC'D JAN 19 1984
CODED
APPROVED FOR PMT

caron

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road, Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 Telex 036-8-337

35720 | 149,754.25 | ~~50,207.75~~

REC'D NOV 28 1983 CODED OK'D APPROVED FOR PMT

November 15, 1983

Invoice # 1434

Drill #8

DISTRIBUTION DEC 12 1983 POSTED

IN ACCOUNT WITH:

CYPRUS ANVIL MINING CORPORATION,
Box 1,000,
Faro, Yukon

Drilling Charges November 1 - 15, 1983: (Mine Pit)

Hole 83-F-02/90/NQ				
Cementing				
2 man hrs.	@ $ 27.00 per hr. =	$ 54.00		
1 mach. hr.	@ $ 18.50 per hr. =	$ 18.50	$ 72.50	
Testing				
10 man hrs.	@ $ 27.00 per hr. =	$ 270.00		
5 mach. hrs.	@ $ 18.50 per hr. =	$ 92.50	$ 362.50	
Coring				
340 - 893 = 553 ft.	@ $ 20.50 per ft. =		$11,336.50	$11,771.50
Hole 83 F-04/90/NQ				
Waterline Due to Mine Pump Stoppage				
28 man hrs.	@ $ 27.00 per hr. =	$ 756.00		
14 mach. hrs.	@ $ 18.50 per hr. =	$ 259.00	$ 1,015.00	
Cementing				
2 man hrs.	@ $ 27.00 per hr. =	$ 54.00		
1 mach. hr.	@ $ 18.50 perhr. =	$ 18.50	$ 72.50	
Testing				
5 maN hrs.	@ $ 27.00 per hr. =	$ 135.00		
2½ mach. hrs.	@ $ 18.50 per hr. =	$ 46.25	$ 181.25	
Casing				
0 - 30 = 30 ft.	@ $ 24.00 per ft. =		$ 720.00	
Coring				
30 - 799 = 769 ft.	@ $ 20.50 per ft. =		$15,764.50	$17,753.25
Hole 83-F-08/90/NQ				
Waterline Maintenance Due to Mine Pump Failure				
12 man hrs.	@ $ 27.00 per hr. =	$ ~~324.00~~		
6 mach. hrs.	@ $ 18.50 per hr. =	$ ~~111.00~~	$ ~~435.00~~ deduct PST	
Cementing				
2 man hrs.	@ $ 27.00 per hr. =	$ 54.00		
1 mach. hr.	@ $ 18.50 per hr. =	$ 18.50	$ 72.50	

POSTED NOV 30 1983 TO HOLD

Total from last page ~~50,207.75~~ 49,754.25

CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 Telex 036-8-33

Testing			
10 man hrs.	@ $ 27.00 per hr. = $ 270.00		
5 mach. hr.	@ $ 18.50 per hr. = $ 92.50	$ 362.50	
Standby for Set-Up Preparation			
2 man hrs.	@ $ 27.00 per hr. = $ 54.00		
1 mach. hr.	@ $ 18.50 per hr. = $ 18.50	$ ~~72.50~~ 54.00	
Casing			
0 - 50 = 50 ft.	@ $ 24.00 per ft. =	$ 1,200.00	
Coring			
50 - 690 = 640 ft.	@ $ 20.50 per ft. =	$13,120.00	$15,262.50
Hole 83-F-10/90/NQ			
Casing			
0 - 32 = 32 ft.	@ $ 24.00 per ft. =	$ 768.00	
Coring			
32- 237 = 205 ft.	@ $ 20.50 per ft. =	$ 4,202.50	$ 4,970.50
Items Consumed & Chargeable			
10 bags cement	@ $ 45.00 each =		$ 450.00
		TOTAL INVOICE:	$50,207.75

wb Deductions are as per my discussions with Caron on Dec. 7, 1983

CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 Telex 036-8-337

December 15, 1983

Invoice #- 1437

Drill 70-8

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,
Box 1,000
Faro, Yukon Territory

Drilling Charges November 16 - December 7, 1983: (Mine Site)

Hole 83-F-10/90/NQ				
Moving				
(Over 1,000 ft.)				
6 man hrs.	@ $ 27.00 per hr.	=	$ 162.00	
Cementing				
2 man hrs.	@ $ 27.00 per hr.	= $ 54.00		
1 mach. hrs.	@ $ 18.50 per hr.	= $ 18.50	$ 72.50	
Testing				
2 man hrs.	@ $ 27.00 per hr.	= $ 54.00		
1 mach. hrs.	@ $ 18.50 per hr.	= $ 18.50	$ 72.50	
Standby				
10 man hrs.	@ $ 27.00 per hr.	= $ 270.00		
5 mach. hrs.	@ $ 18.50 per hr.	= $ 92.50	$ 362.50	
Coring				
237 - 727 = 490 ft.	@ $ 20.50 per ft.	=	$10,045.00	$10,714.50
Hole F-12/90/NQ (83)				
Cementing				
3 man hrs.	@ $ 27.00 per hr.	= $ 81.00		
1½ mach. hrs.	@ $ 18.50 per hr.	= $ 27.75	$ 108.75	
Testing				
11 man hrs.	@ $ 27.00 per hr.	= $ 297.00		
5½ mach. hrs.	@ $ 18.50 per hr.	= $ 101.75	$ 398.75	
Standby				
2 man hrs.	@ $ 27.00 per hr.	= $ 54.00		
1 mach. hr.	@ $ 18.50 per hr.	= $ 18.50	$ 72.50	
Casing				
0 - 16 = 16 ft.	@ $ 24.00 per ft.	=	$ 384.00	
Coring				
16 - 832 = 816 ft.	@ $ 20.50 per ft.	=	$16,728.00	$17,692.00
Hole F-15/90/NQ (83)				
Cementing				
3 man hrs.	@ $ 27.00 per hr.	= $ 81.00		
1½ mach. hr.	@ $ 18.50 per hr.	= $ 27.75	$ 108.75	

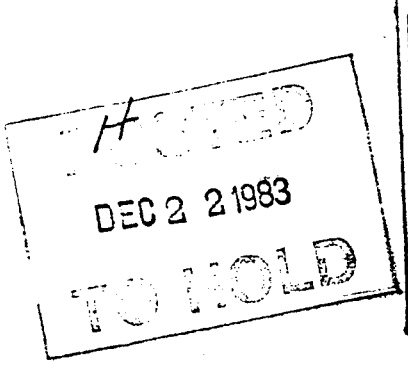
E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 Telex 036-8-337

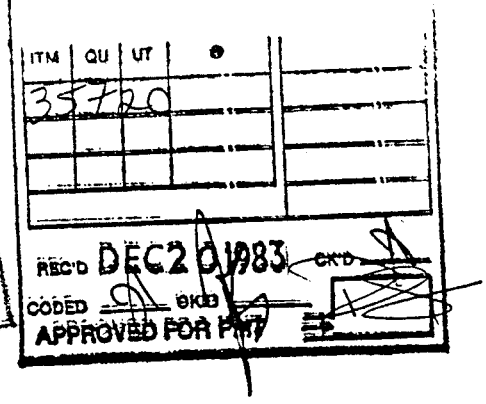
83F-15 contd.

Testing				
8 man hrs.	@ $ 27.00 per hr.	= $ 216.00		
4 mach. hrs.	@ $ 18.50 per hr.	= $ 18.50	$ 290.00	
Standby				
3 man hrs.	@ $ 27.00 per hr.	= $ 81.00		
1½ mach. hrs.	@ $ 18.50 per hr.	= $ 27.75	$ 108.75	
Casing				
0 - 10 = 10 ft.	@ $ 24.00 per ft.	=	$ 240.00	
Coring				
10 - 759 = 749 ft.	@ $ 20.50 per ft.	=	$15,354.50	$16,102.00
Hole F-19/90/NQ				
Waterline				
2 man hrs.	@ $ 27.00 per hr.	= $ 54.00		
1 mach. hr.	@ $ 18.50 per hr.	= $ 18.50	$ 72.50	
Cementing				
3 man hrs.	@ $ 27.00 per hr.	= $ 81.00		
1½ mach. hrs.	@ $ 18.50 per hr.	= $ 27.75	$ 108.75	
Testing				
12 man hrs.	@ $ 27.00 per hr.	= $ 324.00		
6 mach. hrs.	@ $ 18.50 per hr.	= $ 111.00	$ 435.00	
Casing				
0 - 24 = 24 ft.	@ $ 24.00 per ft.	=	$ 576.00	
Coring				
24 - 787 = 763 ft.	@ $ 20.50 per ft.	=	$15,641.50	$16,833.75
Hole F-~~21~~22/90/NQ				
Reaming Casing				
8 man hrs.	@ $ 27.00 per hr.	= $ 216.00		
4 mach. hrs.	@ $ 18.50 per hr.	= $ 74.00	$ 290.00	
Casing				
0 - 10 = 10 ft.	@ $ 24.00 per ft.	=	$ 240.00	
Coring				
10 - 66 = 56 ft.	@ $ 20.50 per ft.	=	$ 1,148.00	$ 1,678.00
Items Consumed & Chargeable				
16 bags Cement	@ $ 45.00 each	=		$ 720.00

TOTAL INVOICE: $63,740.25

H-70-8





APPENDIX V

STATEMENT OF EXPENDITURES OF DIAMOND DRILLING ON FARO 66 QUARTZ CLAIM, GRANT NUMBER 92354

DIAMOND DRILLING	
83F-04, November 4 - 9, 1983; 799 feet, as per Invoice Appendix IV	$ 17,753.25
83F-12, November 19 - 23, 1983; 832 feet, as per Invoice Appendix IV	17,692.00
83F-15, November 26 - December 1, 1983; 759 feet, as per Invoice Appendix IV.	16,102.00
83F-19, December 1 - 6, 1983; 787 feet, as per Invoice Appendix IV.	16,833.75
Cementing holes - 16 bags @ $45.00 per bag	720.00
ASSAYING	
Cyprus Anvil Lab: S.G. Pb, Zn, Cu, Ag (A.A.), Fe (sol.), Fe (insol), BaO, Mn - 45 samples @ $70.50 per sample	3,172.50
Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver, B.C. Au (Fire Assay with A.A. Finish) 45 samples @ $8.50 per sample Appendix IV.	382.50
FUEL	
Diesel fuel consumed by drills and pumps 1.25 litres/foot @ 42¢/litre x 3,177 feet	1,667.93
BULLDOZER (moving drill, pad preparation)	
Cyprus Anvil - Komatsu 355A 12 hours @ $120.00/hour	1,440.00
SALARIES	
R.S. Tolbert - logging core November 12, 27, December 2, 22, 1983 4 days @ $193.72/day	774.88
J. Keir - logging core November 13, 27, December 3, 19, 1983 4 days @ $170.00/day	680.00
A. Chevalier - logging core November 13, 28, December 4, 23, 1983 4 days @ $142.00/day	568.00

SALARIES (contd)

C. Cureatz - sawing core, hauling core, surveying 3 days @ $132.64/day	$ 397.92
R. Bartsch - sawing core, hauling core, surveying 2 days @ $106.24/day	212.48
Office - R. Tolbert writing report, 1 day	193.72
- secretarial miscellaneous	100.00
	$78,690.93
Overhead 10%	7,869.00
Total	$86,559.93

APPENDIX VI

Group "A" Claim	Grant Number	Renewal Period Yrs.	Claim	Grant Number	Renewal Period Years
Faro 15	91481	5	Faro 131	92495	5
Faro 17	91483	5	Faro 132	92496	5
Faro 47	92233	5	Faro 133	92497	5
Faro 48	92234	5	Faro 134	92498	5
Faro 70	92358	5	Faro 135	92499	5
Faro 65	92353	5	Faro 69	92357	5
Faro 66	92354	5	Bill 38	85620	5
Faro 67	92355	5	WHI 1 Fr.	94566	5

Group "B" Claim	Grant Number	Renewal Period Yrs.	Claim	Grant Number	Renewal Period Yrs
Faro 37	92223	5	Faro 66	92354	0
Faro 38	92224	5	Faro 123	92487	5
Faro 40	92226	6	Faro 124	92488	5
Faro 57	92243	5	Faro 125	92489	5
Faro 58	92244	5	Faro 126	92490	5
Faro 60	92348	5	Faro 129	92493	5
Faro 62	92350	5	Faro 198	94151	5
Faro 65	92353	0	Faro 256 Fr.	94143	5

Group "C" Claim	Grant Number	Renewal Period Yrs	Claim	Grant Number	Renewal Period Yrs
Bill 36	85618	5	Faro 71	92359	5
Bill 37	85619	5	Faro 72	92360	5
Faro 49	92235	5	Faro 98	92462	5
Faro 50	92236	5	Faro 100	92464	5
Faro 51	92237	5	Faro 136	92500	5
Faro 52	92238	5	Faro 137	92501	5
Faro 65	92353	0	Faro 139	92503	5
Faro 66	92354	0	Faro 257 Fr.	Y1307	5

Group "D" Claim	Grant Number	Renewal Period Yrs	Claim	Grant Number	Renewal Period Yrs
Bill 30	85612	5	Faro 250	94125	5
Bill 32	85614	5	Faro 258 Fr.	Y1308	5
Bill 33	85615	5	Gal 72	92584	5
Bill 34	85616	5	Gal 73	92858	5
Bill 36	85618	0	Gal 74	92586	5
Faro 64	92352	0	Gal 75	92587	5
Faro 65	92353	0	Gal 76	92588	5
Faro 66	92354	0	Que 9 Fr.	Y10569	5

APPENDIX VI (contd)

Group "E" laim	Grant Number	Renewal Period Yrs
Bill 35	85617	5
Bill 36	85618	0
Ed 58	93778	5
Ed 59	93779	5
Ed 60	93780	5
Faro 65	92353	0
Faro 66	92354	0
Faro 73	92361	5

Claim	Grant Number	Renewal Period Yrs
Faro 74	92362	5
Faro 83	92371	5
Faro 97	92461	5
Faro 99	92463	5
Faro 102	92466	5
WHI 7 Fr.	94572	5
WHI 9 Fr.	94614	5
WHI 10 Fr.	94615	5

Group "F" Claim	Grant Number	Renewal Period Yrs
Faro 18	91484	5
Faro 47	92233	0
Faro 50	92236	0
Faro 66	92354	0
Faro 67	92355	0
Faro 70	92358	0
Faro 138	92502	5
Faro 139	92503	0

Claim	Grant Number	Renewal Period Yrs
Faro 140	92504	5
Faro 141	92505	5
Faro 142	92506	5
Faro 143	92507	5
Faro 157	92515	5
Faro 159	92517	5
Faro 161	92519	5
Faro 189	92547	5

Group "G" Claim	Grant Number	Renewal Period Yrs
Faro 66	92354	0
Faro 67	92355	0
Faro 70	92358	0
Faro 72	92360	0
Faro 74	92362	0
Faro 76	92364	5
Faro 78	92366	5
Faro 84	92372	5

Claim	Grant Number	Renewal Period Yrs
Faro 144	92508	5
Faro 145	92509	5
Faro 146	92510	5
Faro 165	92523	5
WHI 2FR	94567	5
WHI 3FR	94568	5
WHI 4FR	94569	5
WHI 11FR	94616	5

Group "H" Claim	Grant Number	Renewal Period Yrs
Faro 65	92353	0
Faro 66	92354	0
Faro 67	92355	0
Faro 69	92357	0
Faro 71	92359	0
Faro 73	92361	0
Faro 75	92363	5
Faro 77	92365	5

Claim	Grant Number	Renewal Period Yrs
Faro 79	92367	5
Faro 80	92368	5
Faro 81	92369	5
Faro 82	92370	5
Faro 85	92373	5
WHI 6FR	94571	5
WHI 12FR	94617	5
WHI 13FR	94618	5

Group "I" Claim	Grant Number	Renewal Period Yrs
Faro 47	92233	0
Faro 49	92235	0
Faro 51	92237	0
Faro 66	92354	0
Faro 67	92355	0
Faro 70	92358	0
Faro 84	92372	0
Faro 86	92374	5
Faro 87	92375	0
Faro 88	92376	5
Faro 147	92511	5
Faro 148	92512	5
Faro 149	92513	5
Faro 150	92514	5
Faro 167	92525	5
Faro 169	92527	5

Group "J" Claim	Grant Number	Renewal Period Yrs
Faro 49	92235	0
Faro 51	92237	0
Faro 66	92354	0
Faro 67	92355	0
Faro 69	92357	0
Faro 72	92360	0
Faro 84	92372	0
Faro 86	92374	0
Faro 88	92376	0
Faro 89	92453	5
Faro 90	92454	5
Faro 91	92455	5
Faro 92	92456	5
Faro 151	92551	5
Faro 152	92552	5
WHI 5FR	94570	5

Group "K" Claim	Grant Number	Renewal Period Yrs
Faro 66	92354	0
Faro 67	92355	0
Faro 69	92357	0
Faro 100	92464	0
Faro 102	92466	0
Faro 104	92468	5
Faro 106	92470	5
Faro 108	92472	5
Faro 110	92474	5
Faro 112	92476	5
Faro 115	92479	5
Faro 116	92480	5
Faro 118	92482	5
WHI 14 Fr	94696	5
WHI 15 Fr	94697	5
WHI 16 Fr	94698	5

Group "L" Claim	Grant Number	Renewal Period Yrs
Bill 35	85617	0
Bill 36	85618	0
Ed 51	93771	5
Ed 52	93772	5
Ed 53	93773	5
Ed 54	93774	5
Ed 55	93775	5
Ed 56	93776	5
Ed 57	93777	5
Ed 59	93779	0
Faro 65	92353	0
Faro 66	92354	0
Faro 101	92465	5
Faro 103	92467	5
Gal 61	92573	5
Gal 62	92574	5

Group "M" Claim	Grant Number	Renewal Period Yrs	Claim	Grant Number	Renewal Period Yrs
Bill 26	85608	5	Gal 56	92568	5
Bill 28	85610	5	Gal 58	92570	5
Bill 33	85615	0	Gal 60	92572	5
Bill 36	85618	0	Gal 69	92581	5
Faro 65	92353	0	Gal 70	92582	5
Faro 66	92354	0	Gal 71	92583	5
Gal 52	92564	5	Gal 75	92587	0
Gal 54	92566	5	Que 8 Fr	Y10568	5

Group "N" Claim	Grant Number	Renewal Period Yrs	Claim	Grant Number	Renewal Period Yrs
Bill 33	85615	0	Gal 55	92567	5
Bill 36	85618	0	Gal 57	92569	5
Faro 65	92353	0	Gal 58	92570	0
Faro 66	92354	0	Gal 59	92571	5
Gal 48	92560	5	Gal 67	92579	5
Gal 50	92562	5	Gal 68	92580	5
Gal 52	92564	0	Gal 69	92581	0
Gal 54	92566	0	Gal 75	92587	0

APPENDIX VII

STATEMENT OF QUALIFICATIONS

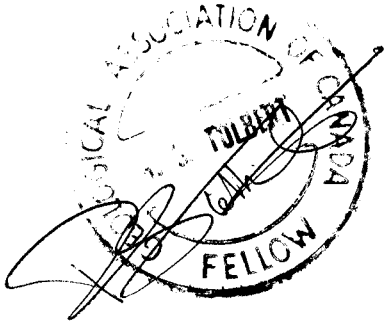
I, Robin Stuart Tolbert, of Cyprus Anvil Mining Corporation, P.O. Box 1000, Faro, Yukon Y0B 1K0, state that;

1. I graduated in 1972 from Edinburgh University, Scotland with a B. Sc. Geology.

2. From 1974 - 1978 I was employed by Union Miniere Explorations and Mining Corporation Ltd. (UMEX) as Geologist, and from 1979 - 1981 as Senior Geologist, on exploration programs in B.C., Yukon and western United States.

3. From 1981 to present I have been employed by Cyprus Anvil Mining Corporation presently as District Geologist for the Anvil District Geology Department based in Faro, Yukon involved in exploring and developing deposits within the Anvil District.

4. I am a Fellow of the Geological Association of Canada.



APPENDIX VIII

ADDRESSES OF PERSONNEL INVOLVED IN ASSESSMENT WORK ON FARO 66 QUARTZ CLAIM, GRANT NUMBER 92354

R.S. Tolbert	District Geologist	c/o Cyprus Anvil Mining Corporation P.O. Box 1000 Faro, Yukon Territory Y0B 1K0 (403) 994-2600
J. Keir	Mine Geologist	
A. Chevalier	Mine Geologist	
C. Cureatz	Geological Technician	
R. Bartsch	Core Splitter	