

SILVER KEY MINES LIMITED

STUMP MINES LTD.

PROGRESS REPORT

September, 1968

Leon La Prairie, P. Eng.

127

SUMMARY

During the month of September, a review was made of the results of the Silver Key Mines and Stump Mines exploration program carried out to date on the Ketza River claims, Yukon Territory.

An objective schedule was drawn up which, if completed, would outline a potential of 250,000 tons of 15 - 20 oz. Silver by late March of 1969. (Proven and inferred)

THE OBJECTIVE SCHEDULE (by March 31st, 1969)

1) A-1 Zone

| | | |
|----------------|----------------------|---------------|
| 100 foot level | 45,000 proven tons | 15 oz. Silver |
| 250 foot level | 55,000 proven tons | 15 oz. Silver |
| 400 foot level | 55,000 inferred tons | 15 oz. Silver |

155,000 tons - 15 oz. Silver

2) F-2 Zone

| | | |
|----------------|---------------------|---------------|
| 120 foot level | 8,000 inferred tons | 15 oz. Silver |
|----------------|---------------------|---------------|

3) Lap 10 Zone

| | | |
|----------------|---------------------|---------------|
| 100 foot level | 5,000 inferred tons | 12 oz. Silver |
|----------------|---------------------|---------------|

4) F-3 zone

| | | |
|------------------------|----------------------|---------------|
| 100 foot Propped Level | 10,000 inferred tons | 20 oz. Silver |
|------------------------|----------------------|---------------|

5) K 18 Zone

| | | |
|-------------|----------------------|---------------|
| 7 - 18B Dr. | 10,000 proven tons | 20 oz. Silver |
| 8 - 18B Dr. | 20,000 proven tons | 20 oz. Silver |
| 9 - 18B Dr. | 10,000 inferred tons | 20 oz. Silver |

OBJECTIVE - TONNAGE SUMMARY

| | | |
|-------------|-------------------------------|----------------------|
| A-1 Zone | 155,000 tons | 15 oz. Silver |
| F-2 Zone | 8,000 " | 15 oz. Silver |
| Lap 10 Zone | 5,000 " | 12 oz. Silver |
| F-3 Zone | 10,000 " | 20 oz. Silver |
| K-18 Zone | 40,000 " | 20 oz. Silver |
| | <u>218,000 tons - average</u> | <u>16 oz. Silver</u> |

FIELD ACTIVITIES

Work Completed

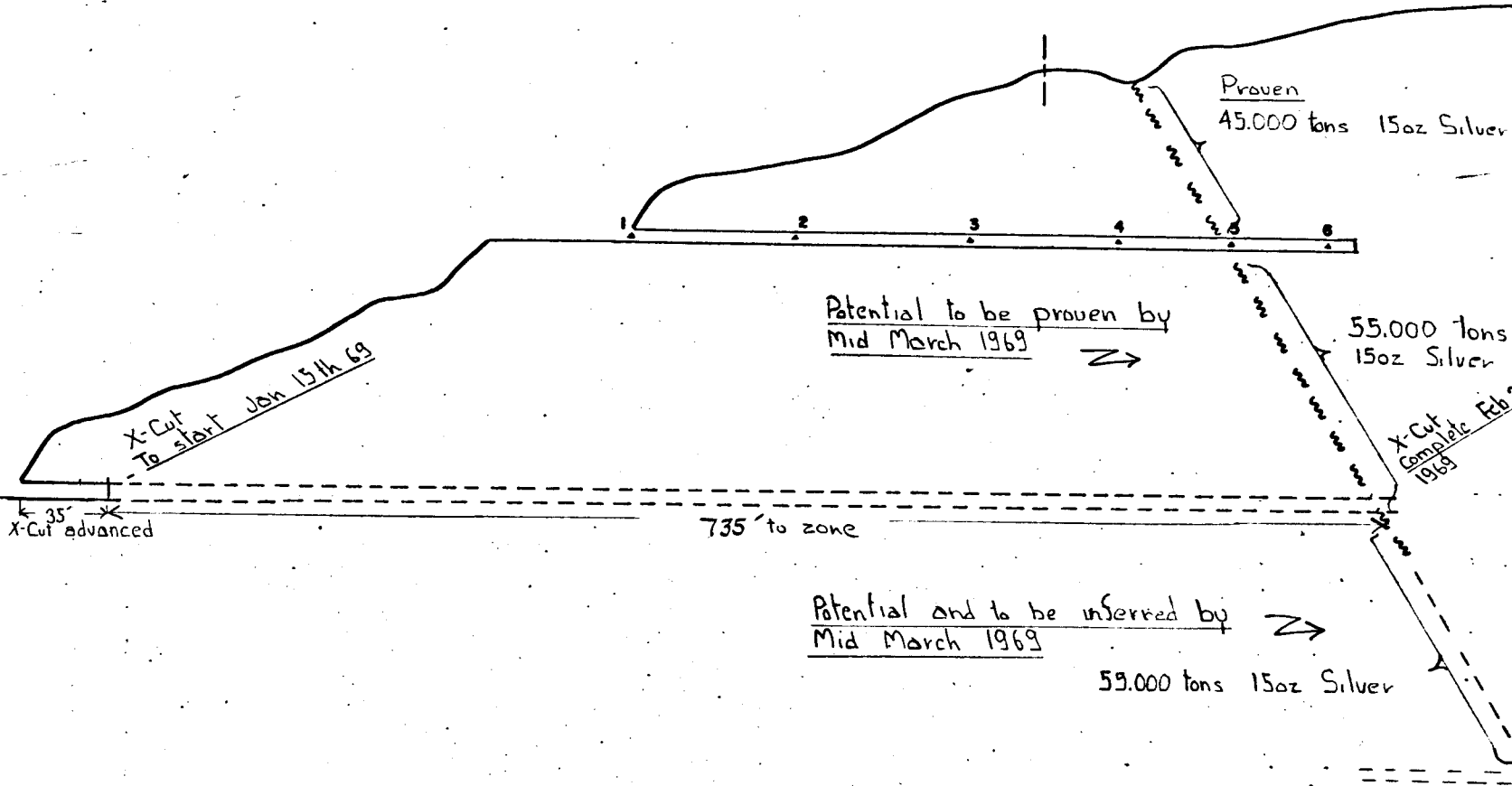
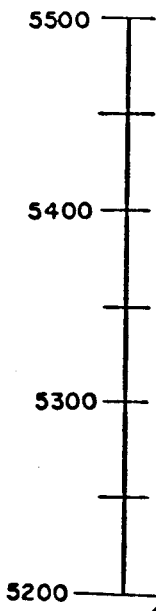
A-1 Zone (Eva Claim No. 22)

Work was completed on the 100 foot level and raise development of the A-1 zone during this period. The results of this work have outlined approximately 45,000 tons of 15 oz. Silver from the 100 foot level to surface.

Also during the month, the 250 foot level portal and some 35 feet of X-Cut advancement was completed. The portal has been winterized for later development.

Work Planned

A bulk sample from the A-1 100 foot stock pile will be collected for eventual metallurgical testing.



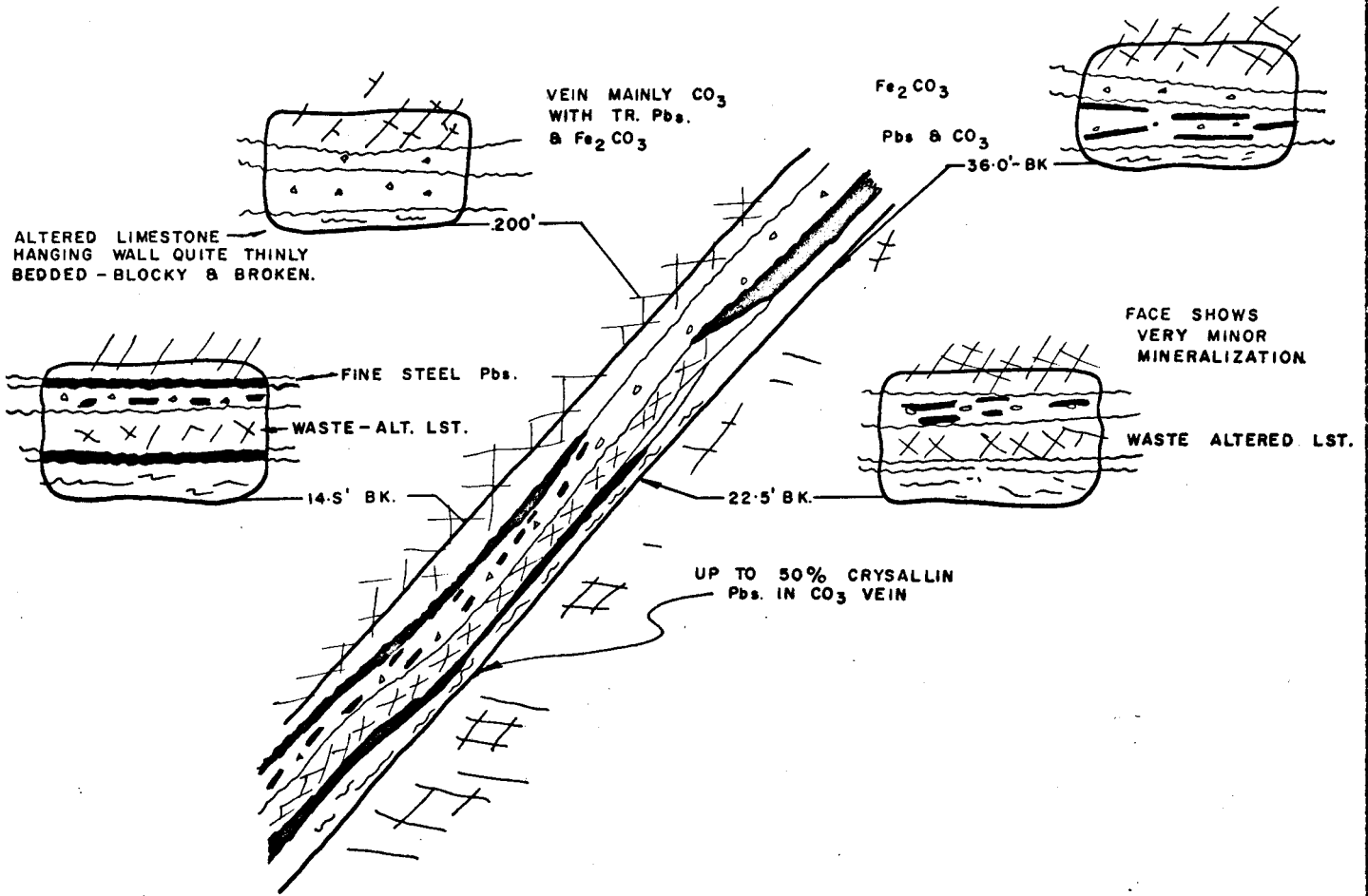
STUMP MINES LTD.
A-1 VEIN
SHOWING
PROPOSED 250 LEVEL ADIT
W.M.
SEPT-68



Objective Mid March 1969
From A-1 Zone

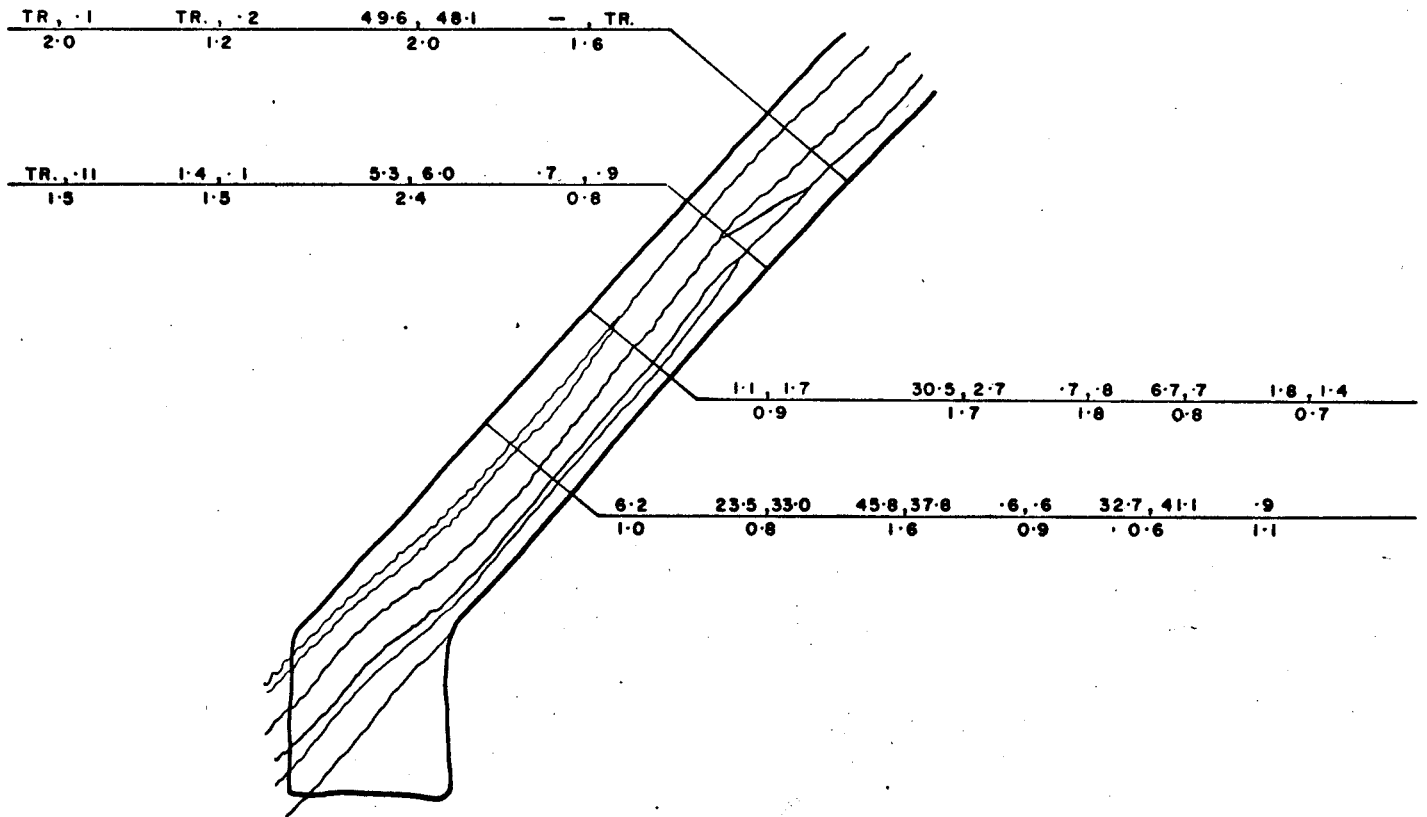
| | | |
|-------------------|----------------|--------|
| Proven Ore | 100,000 tons | 15oz A |
| Inferred Ore | 55,000 | " " |
| <u>TOTAL TONS</u> | <u>155,000</u> | |

NOTE: EXTENT OF No 1 RAISE 41.0' BACK OF DRIFT.

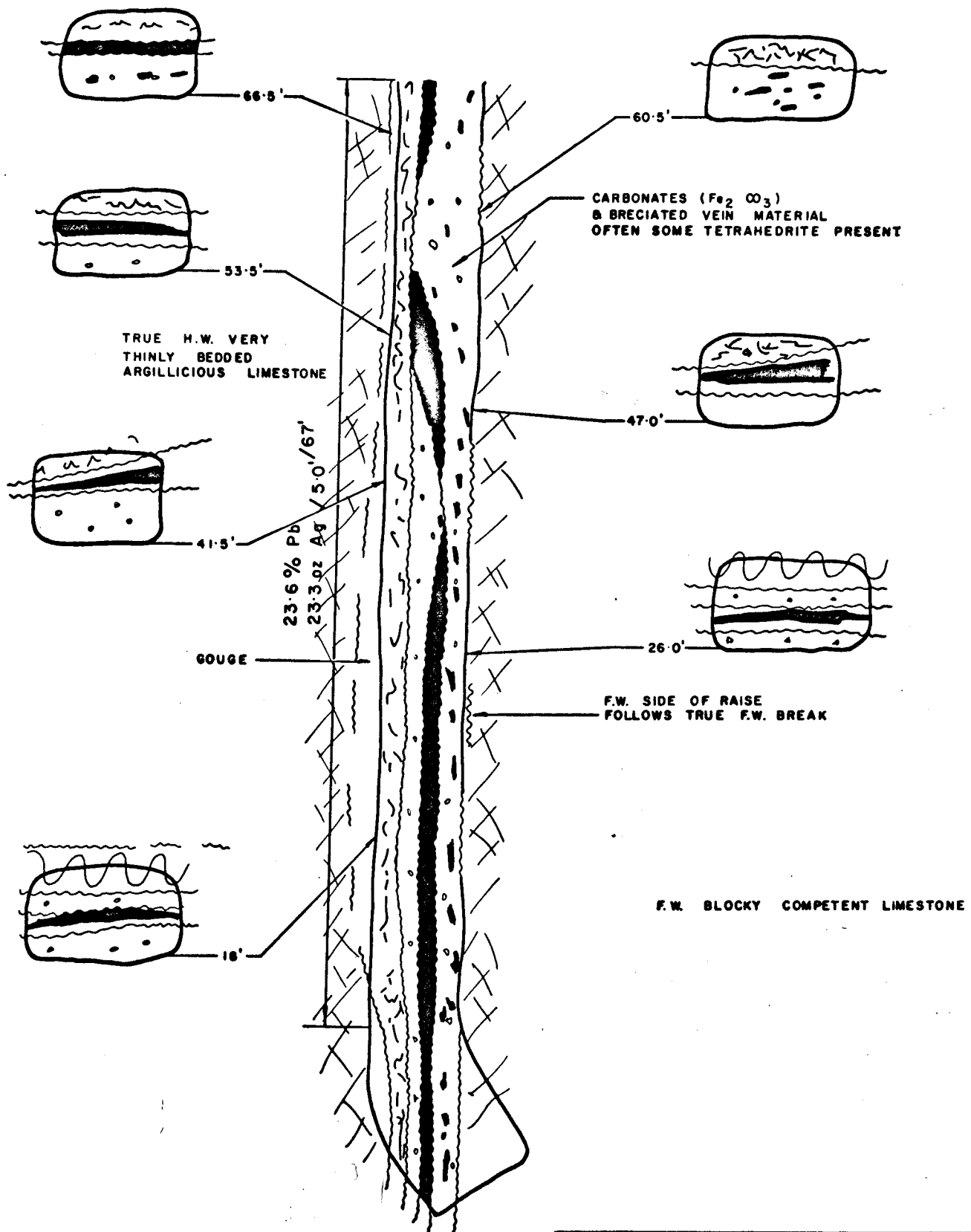


| | | |
|------------------------|------|---------|
| | | |
| STUMP MINES LTD. | | |
| GEOLOGY No. 1 RAISE | | |
| 1" = 10' | W.M. | SEPT-68 |

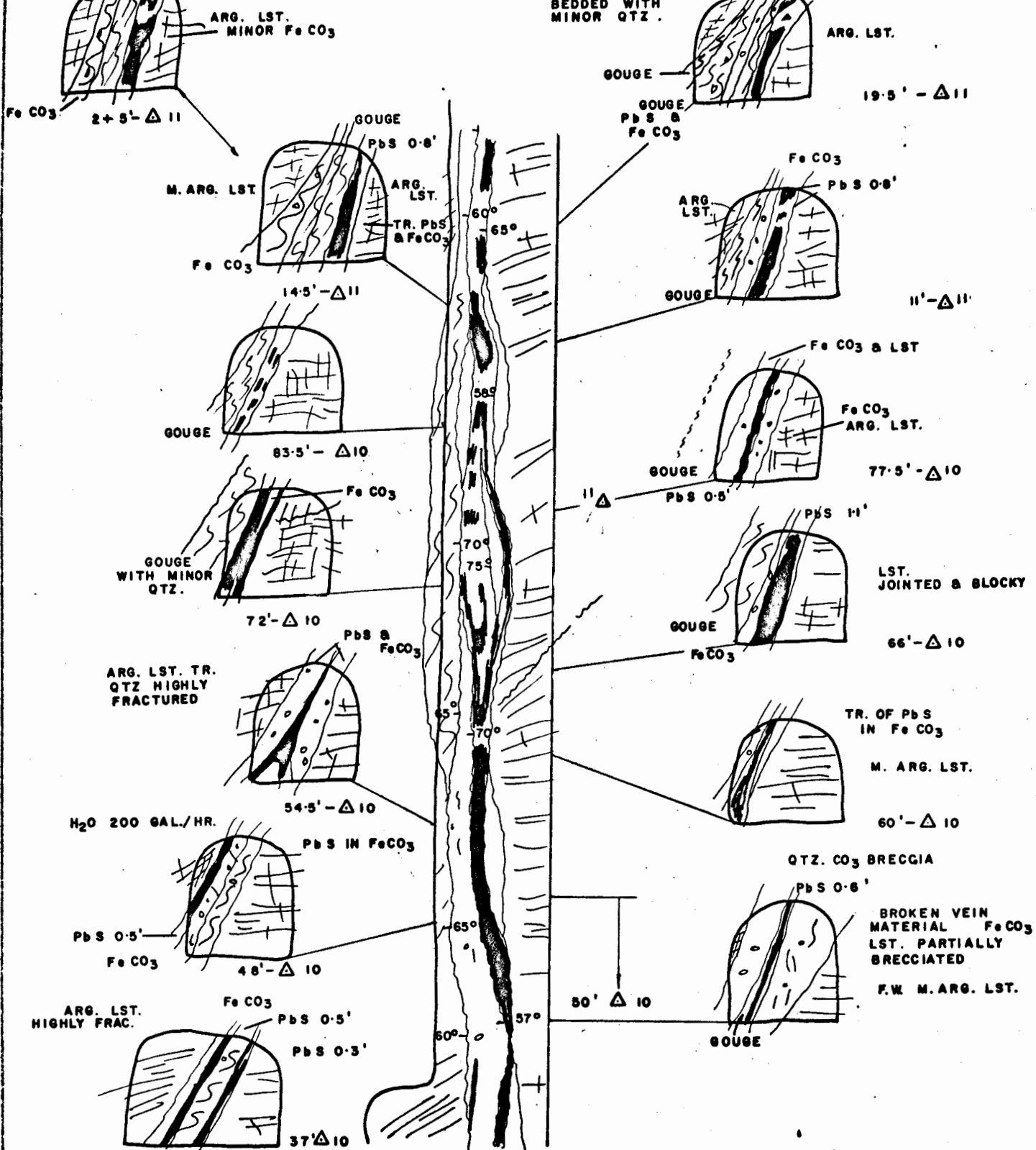
NOTE: ASSAYS READ FROM H.W. - FW & READ oz./ton Ag
 & % Pb WHERE SAMPLE IS ASSAYED FOR Pb
 eg. $\frac{45.8, 37.8}{1.6}$ SHOWS 45.8 oz/ton Ag & 37.8% Pb over a
 SAMPLE WIDTH OF 1.6 FEET



| | | |
|---------------------------|------|---------|
| STUMP MINES LTD. | | |
| ASSAY PLAN No. 1 RAISE | | |
| 1" = 10' | W.M. | SEPT-68 |



| | | |
|---|------|---------|
| STUMP MINES LTD. | | |
| GEOLOGY No. 2 RAISE (BOTTOM 67 FEET) | | |
| 1" = 10' | W.M. | SEPT-68 |



LEGEND :



FINE STEEL Pb S

M. ARG. LST. - MASSIVE ARGILLIOUS LIMESTONE

CONT. ARG. LST. - CONTORTED " "

Plate No 6

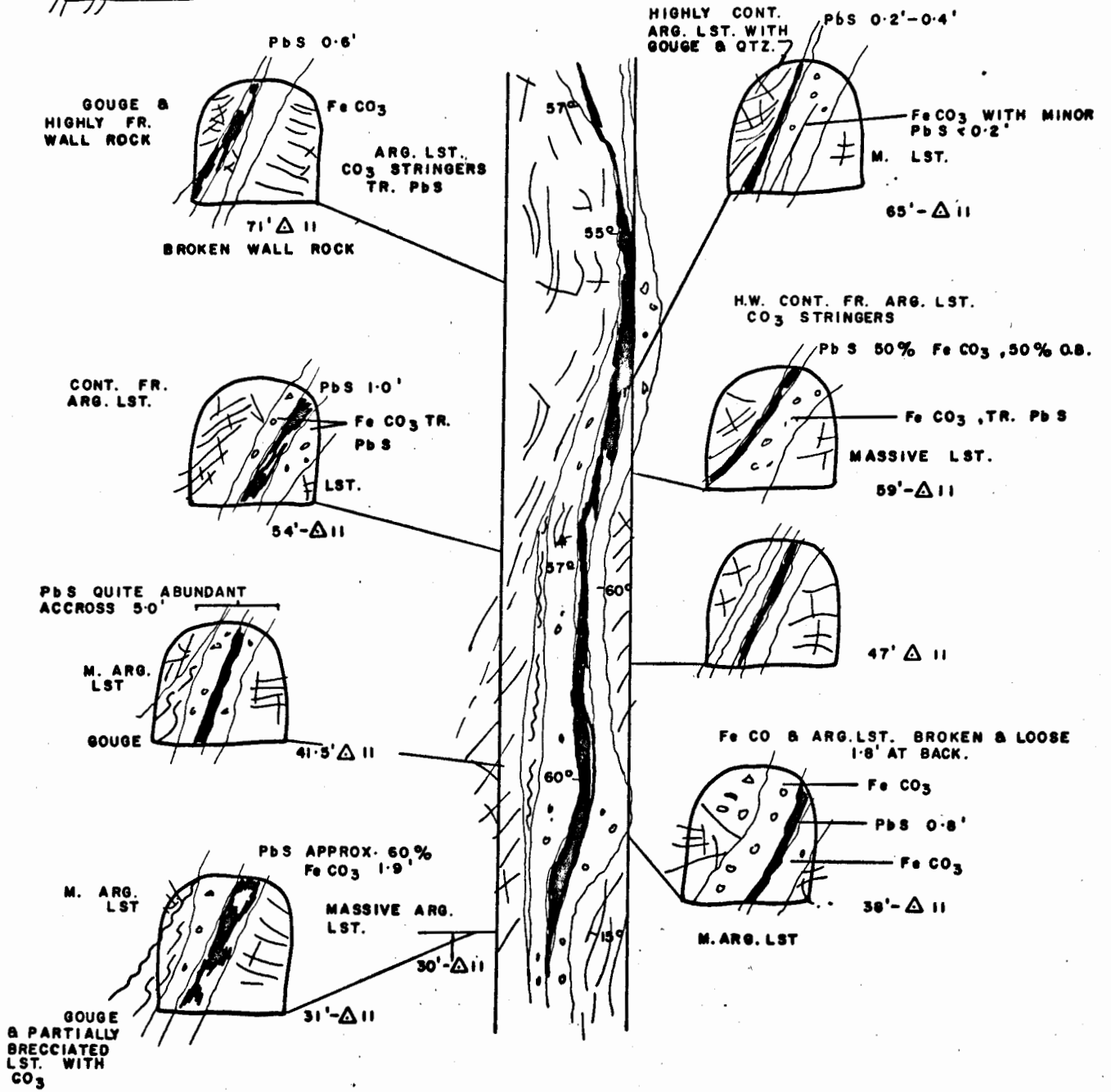
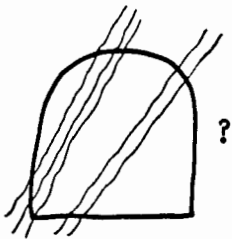
STUMP MINES LTD.

GEOLOGY OF I-AIN. DRIFT

1" = 10'

W.M.

JULY-68



LEGEND :


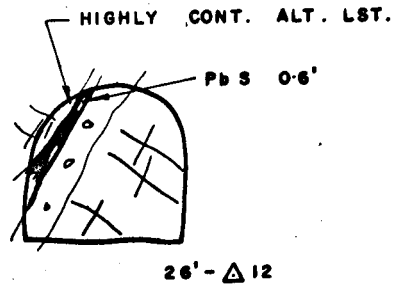
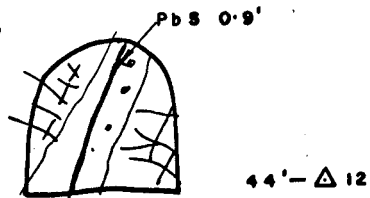
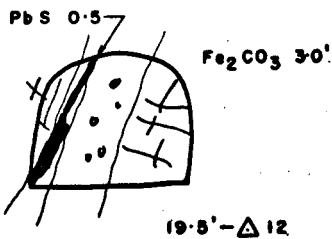
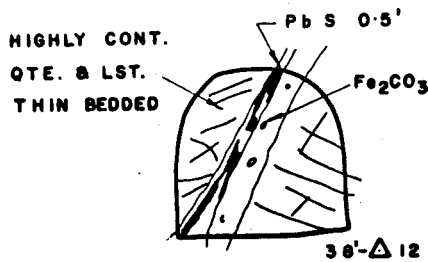
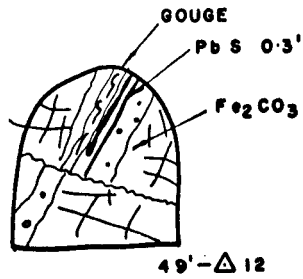
-  FINE STEEL Pb S
- M. ARG. LST. - MASSIVE ARGILLIOUS LIMESTONE
- CONT. ARG. LST. - CONTORTED " "

Plate N^o 7

STUMP MINES LTD

GEOLOGY OF I-AIN. DRIFT

1" = 10' W.M. HINE CO



LEGEND :



FINE STEEL Pb S

M. ARG. LST. — MASSIVE ARGILLIOUS LIMESTONE

CONT. ARG. LST. — CONTORTED " "

Plate N^o 8

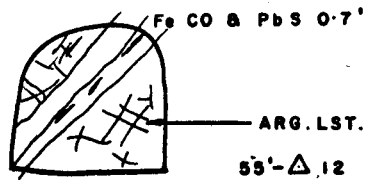
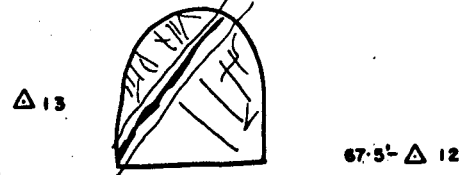
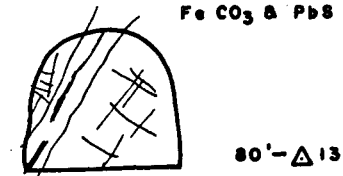
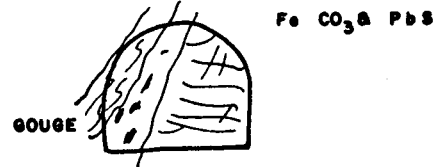
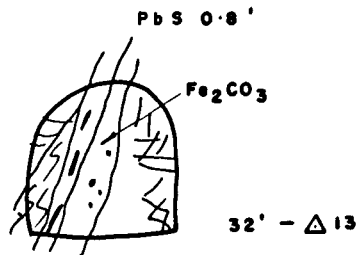
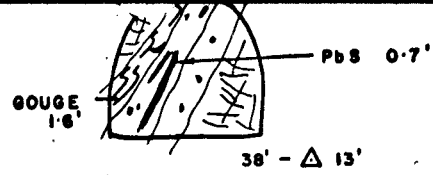
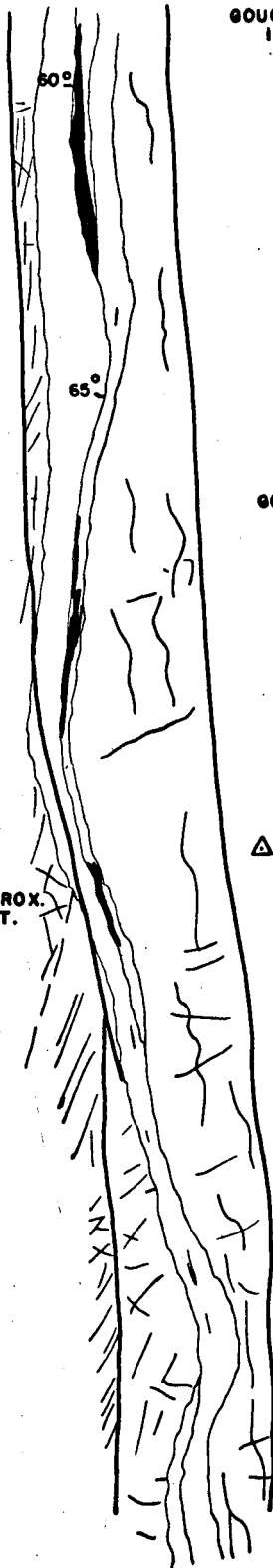
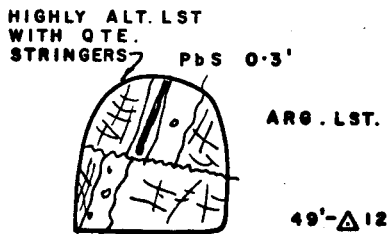
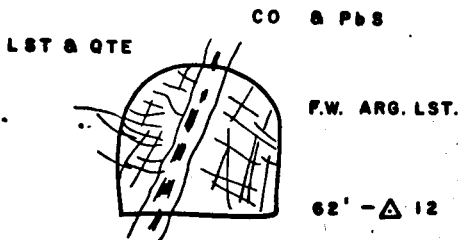
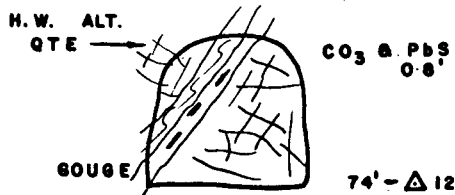
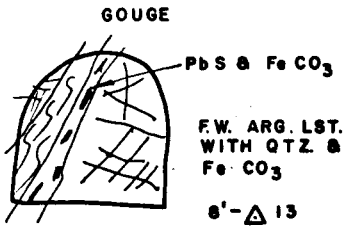
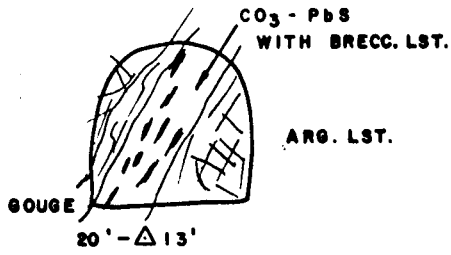
STUMP MINES LTD.

GEOLOGY OF I-AIN. DRIFT

1" = 10'

W.M.

JULY 68



APPROX.
CONT.

LEGEND :

FINE STEEL Pb S

M. ARG. LST. - MASSIVE ARGILLIOUS LIMESTONE

CONT. ARG. LST. - CONTORTED " "

Plate No 9

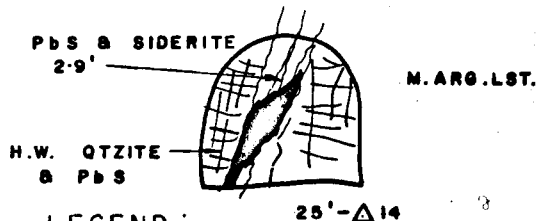
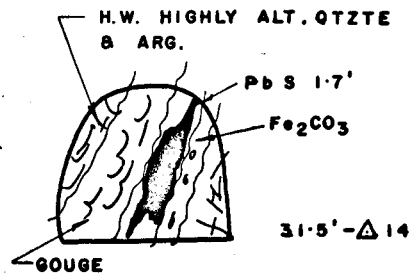
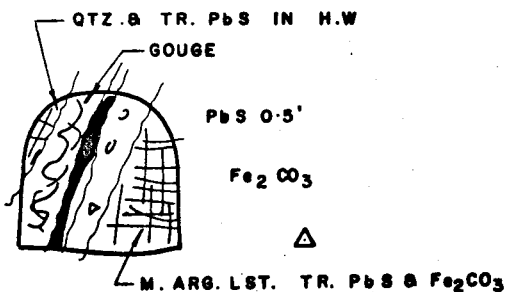
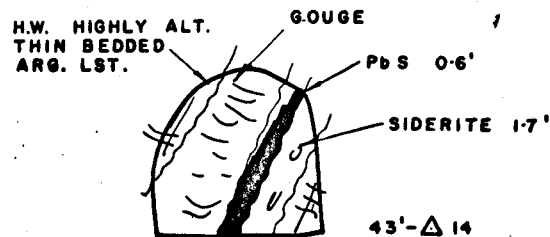
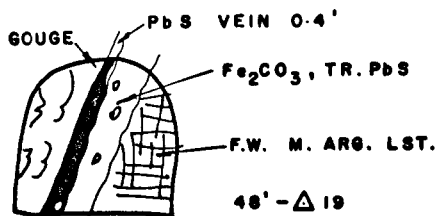
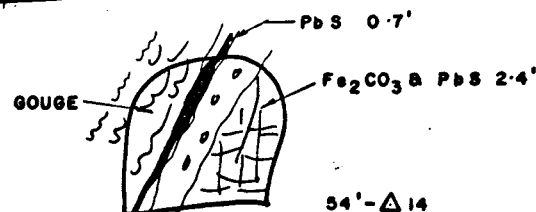
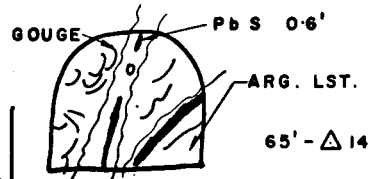
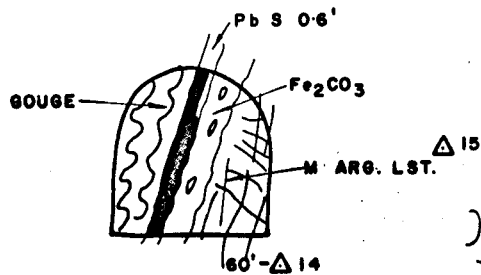
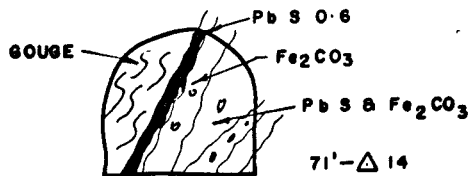
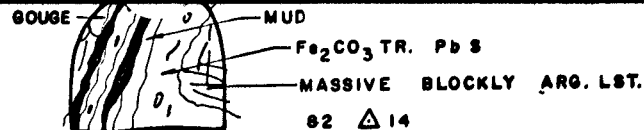
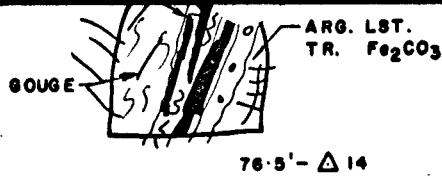
STUMP MINES LTD.

GEOLOGY OF I-AIN. DRIFT

1" = 10'

W.M.

JULY-68



LEGEND :



FINE STEEL Pb S

M. ARG. LST. — MASSIVE ARGILLIOUS LIMESTONE

CONT. ARG. LST. - CONTORTED " "

Plate N^o 10

STUMP MINES LTD.

GEOLOGY OF I-AIN. DRIFT

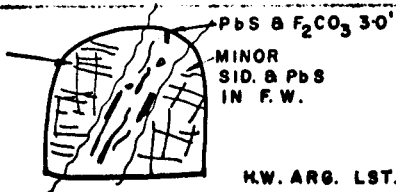
1" = 10'

W.M.

JULY - 68

H.W. ALT. LS
FR. QTZ

20' - Δ 14



PbS 0.3' AVG.

F.W. ARG. LST. TR.

15' - Δ 14
JUNE 25

FeS₂
Cu Fe S₂
Fe₂CO₃
PbS

GOUGE & Fe₂CO₃

ARG. LST.

82' - Δ 13

SID. WITH TR.
PbS TO 20%

F.W. ARG. LST.
SID VEINLETS

H.W. QTZ. & SID.

GOUGE



8' - Δ 14

PbS 0.9'

Fe₂CO₃ TR. PbS

H.W. LST. WITH
MINOR QTZ

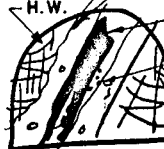
Fe₂CO₃

65' - Δ 13

PbS 0.6'

F.W. ARG. LST. &
SID.

H.W. GOUGE



77.5' - Δ 13

GOUGE

PbS 1.9'

Fe₂CO₃ & PbS

JUNE 23

71.5 - Δ 13

Δ 14

GOUGE, Fe₂CO₃
& TR. PbS

PbS 1.1'

Fe₂CO₃

M. ARG. LST.

Δ

H.W. HIGHLY ALT. QTZITE
GOUGE



54' - Δ 13

F.W. M. ARG. LST.

GOUGE, Fe₂CO₃
& TR. PbS

PbS 1.1'

Fe₂CO₃

M. ARG. LST.

Δ

H.W. HIGHLY ALT. QTZITE
GOUGE



54' - Δ 13

F.W. M. ARG. LST.

PbS 0.7'

SIDERITE

M. ARG. LST.

GOUGE

49' - Δ 14

50' - Δ 13

LEGEND :



FINE STEEL PbS

M. ARG. LST. - MASSIVE ARGILLIOUS LIMESTONE :

CONT. ARG. LST. - CONTORTED " "

Plate No 11

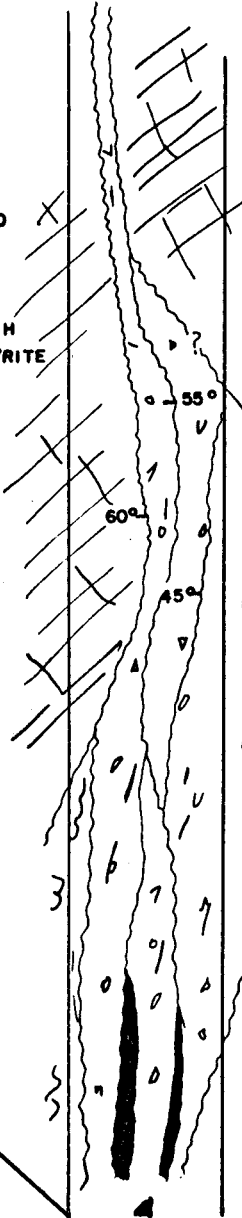
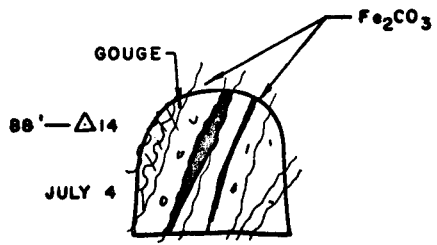
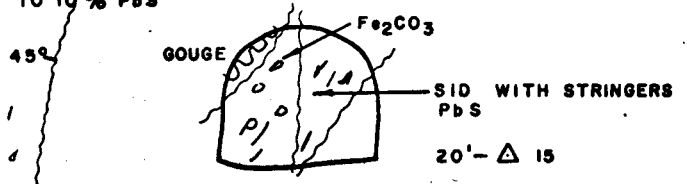
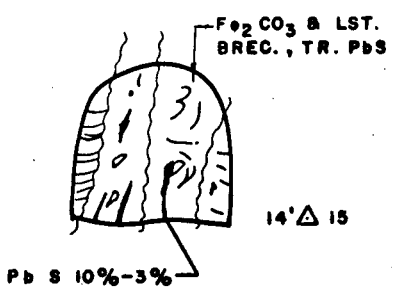
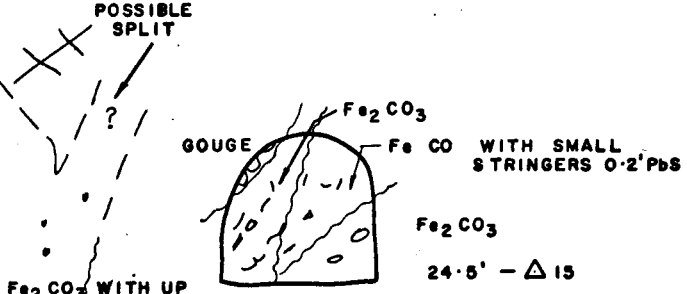
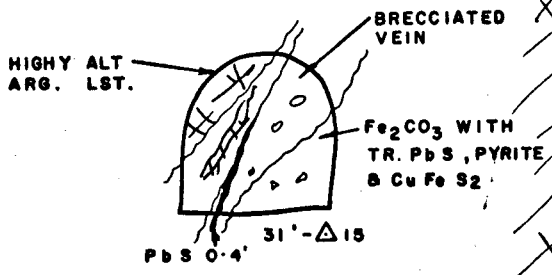
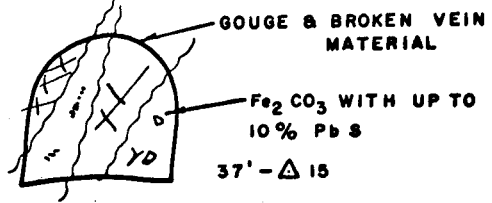
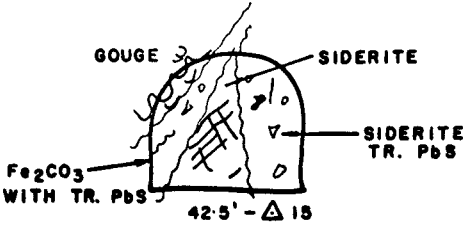
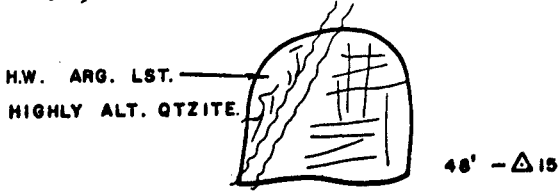
STUMP MINES LTD.

GEOLOGY OF I-AIN. DRIFT

1" = 10'

W.M.

JULY - 68



LEGEND :

- FINE STEEL Pb S
- M. ARG. LST. - MASSIVE ARGILLIOUS LIMESTONE
- CONT. ARG. LST. - CONTORTED " " "

| | | |
|-------------------------|------|-----------|
| Plate N ^o 12 | | |
| STUMP MINES LTD. | | |
| GEOLOGY OF I-AIN. DRIFT | | |
| 1" = 10' | W.M. | JULY - 68 |

SILVER KEY MINES LIMITED

STUMP MINES LTD.

LAP 10 ZONE (Lap 10 Claim)

Work Completed

The Lap 10 zone development was completed during the period for a total drift advancement of 185.5 and raise advancement of 55.0 feet.

The raise intersected narrow mineralization in limestone which is thought to be the extension of the surface mineralization.

Work Planned

No immediate work is planned for the Lap 10 zone. Follow-up work would consist of a break through to the surface mineralization.

5400

UNDERGROUND DEVELOPMENT

UNDERGROUND DEVELOPMENT

SMALL LENSES PBS LOCATED IN NARROW BREAKS PARALLEL TO MAIN VEIN

ADIT

5300

N₁₆

RAISE

5350

32.2 oz Ag / .4'
61.1 % Pb

LARGE - VERY IRREGULAR LENSES OF GALENA SHOWING ON FACE.

33.5 oz Ag / .9'
57.0 % Pb

44.3 oz Ag / 2.5'
51.3 % Pb

54.5 oz Ag / 1.5'
69.0 % Pb

42.9 oz Ag / 1.5'
54.4 % Pb

53.1 oz Ag / 3.3'
61.1 % Pb

14.1 oz Ag / .8'
238 % Pb

OL-5

OL-4

TALUS SLOPE

BUFF SLATES

LAP 10
SURFACE
TOPOGRAPHY & GEOLOGY

W.M.

SEPT-68

N

15°

20°

35°

30°

17°

20°

20°

25°

SOFT LEACHED PURPLE ARGILLITE,
BANDING BEDDING TO 1" FLAT
DIPPING.

ABOVE N.W. BREAK MORE SOLID SOLT
LEACHED QTE. NON-CONTORTED

BACK CAVED
0.1' BRIGHT ORANGE

F.W. HIGHLY CONT. THIN BEDDED PURPLE ARGILLITE SOFT
WITH SOME QTZ. AND ABUNDANT ORANGE LIMONITE
STAINING

BLOCKY QUARTZITE

WELL BEDDED SHALE

4.0 x 0.2 LENS
CR. PYRITE

PROJ. TO MIDDLE OF DFT. ABOVE
BEDS ARE THIN BEDDED & REGULAR
-BELOW HIGHLY CONTORTED

KNIFE LIKE BREAK WITH VEIN
QTE & STRONG BROWN (SIDERITE)
OXIDE STAINING PROBABLE
IRREGULAR DIP

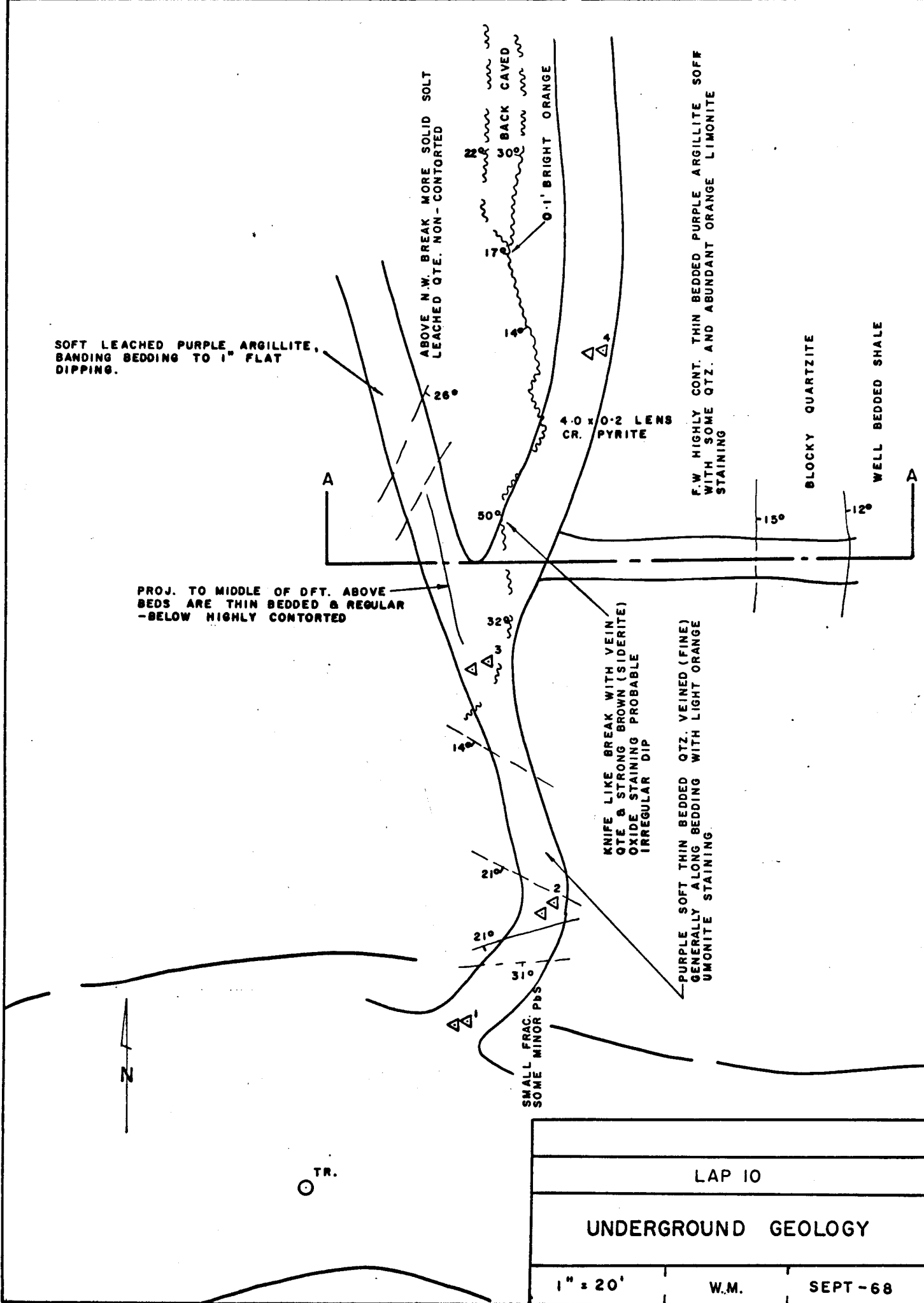
PURPLE SOFT THIN BEDDED QTZ. VEINED (FINE)
GENERALLY ALONG BEDDING WITH LIGHT ORANGE
UMONITE STAINING.

SMALL FRAC.
SOME MINOR PDS



TR.

| | | |
|---------------------|------|-----------|
| LAP 10 | | |
| UNDERGROUND GEOLOGY | | |
| 1" = 20' | W.M. | SEPT - 68 |



STUMP MINES LTD.FIELD ACTIVITIES (Con't)F-2 ZoneWork Completed

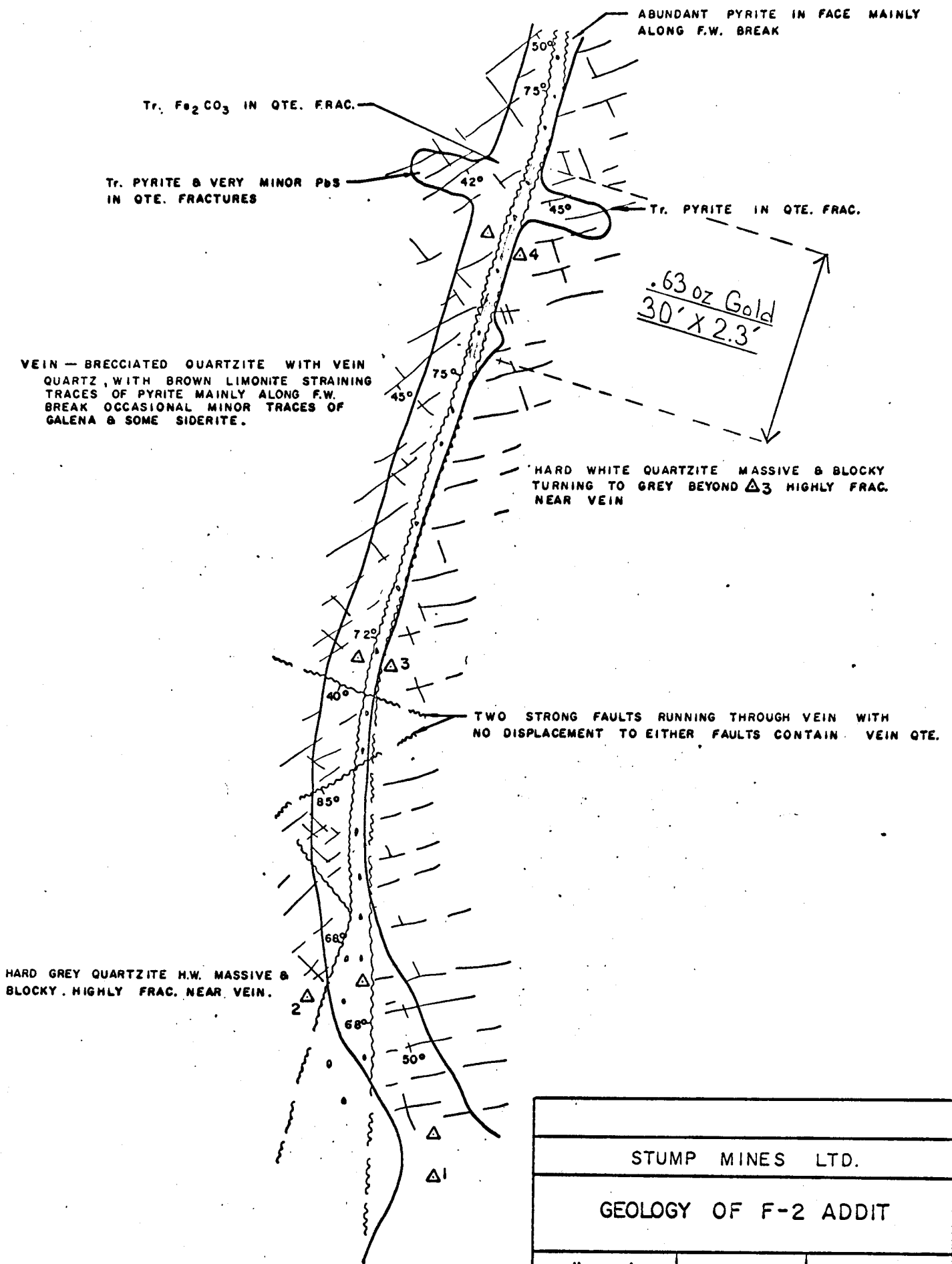
The F-2 adit development was completed during September. The F-2 shear has been drifted along for a total distance of 185 feet and two small X-cuts were extended 12 feet into both the footwall and hangwall.

The downward extension of the massive galena exposure on surface has yet to be intersected. A 30 foot shear section with pyrite assayed .63 oz. Gold over 2.3 feet in the adit.

Work Planned

No immediate work is planned for the F-2 zone

Follow-up work will consist of extending the adit drive or raising to the extension of the surface mineralization.



STUMP MINES LTD.

GEOLOGY OF F-2 ADDIT

1" = 20'

W.M.

SEPT-68

SILVER KEY MINES LIMITED

STUMP MINES LTD.

FIELD ACTIVITIES (Con't)

K 18 Zone

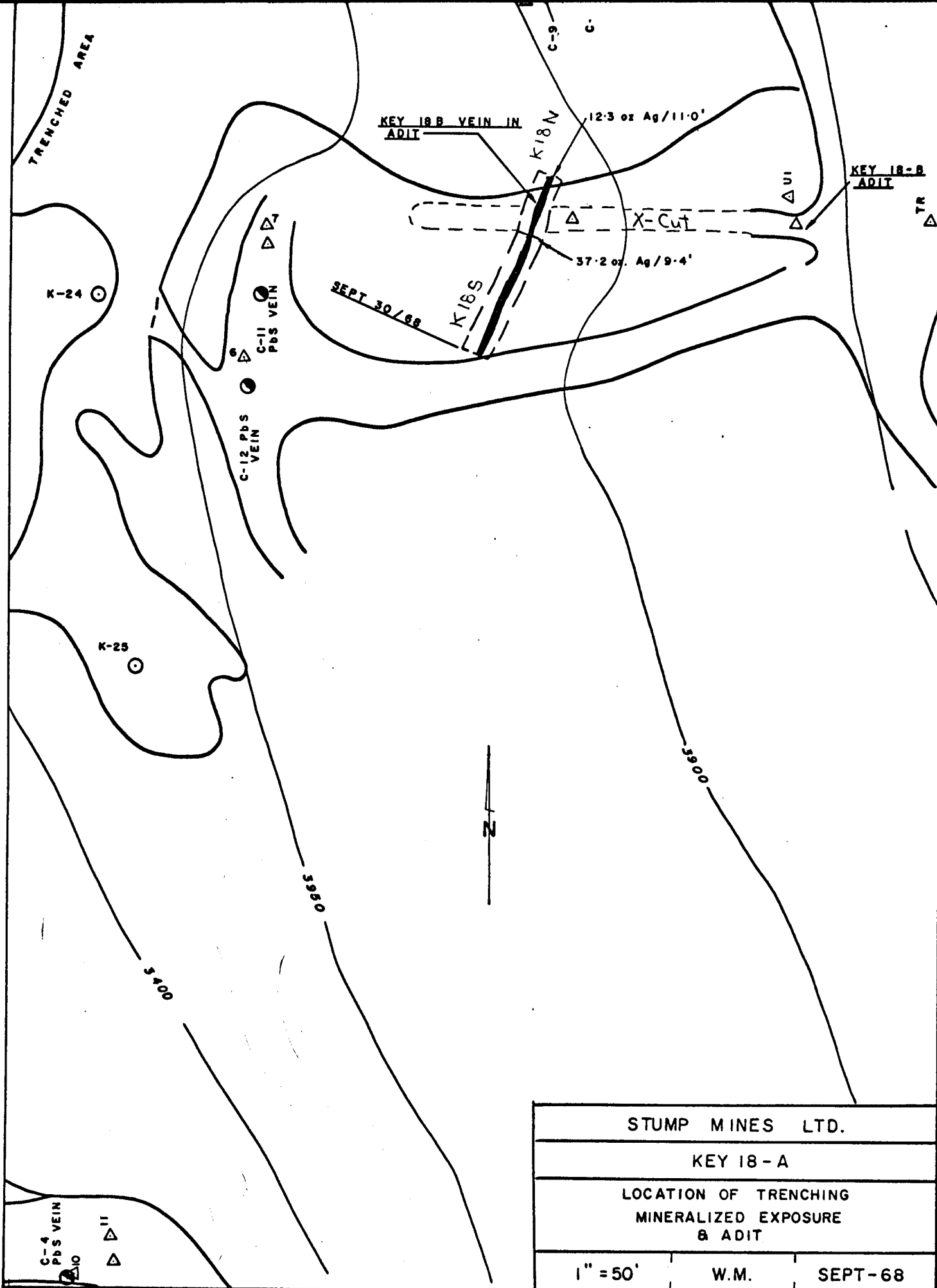
(Key 18 and Pex 4 claims)

Work Completed

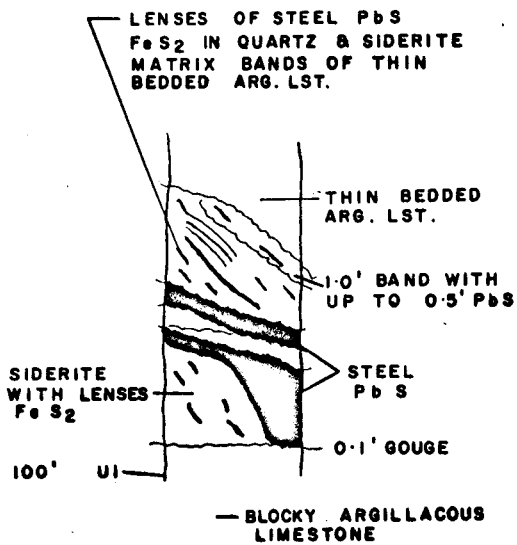
During the period the 7-18 B portal and approximately 100 feet of X-Cut were completed. The K-18 B vein was intersected with the south rib assaying 37.2 oz. Silver and 9.4 feet and north rib assaying 12.3 oz. Silver over 11.0 feet.

Work Planned

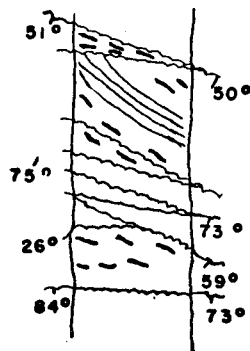
The K-18 B zone will be followed by drifting along the vein in both the south and north directions.



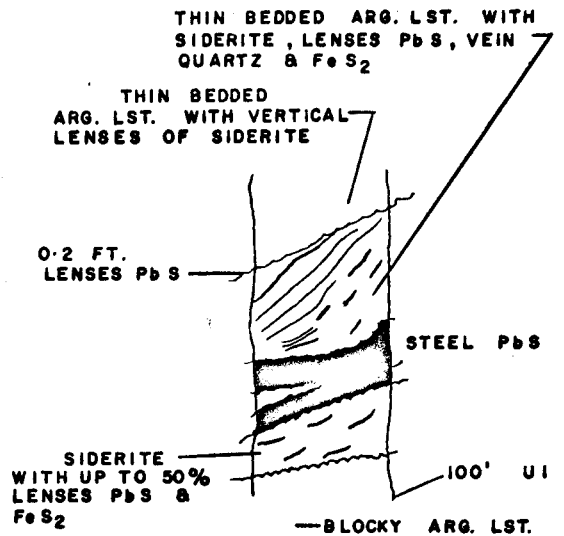
| | | |
|---|------|---------|
| STUMP MINES LTD. | | |
| KEY 18 - A | | |
| LOCATION OF TRENCHING MINERALIZED EXPOSURE & ADIT | | |
| 1" = 50' | W.M. | SEPT-68 |



SOUTH RIB



PLAN



NORTH RIB

STUMP MINES LTD.

KEY 18-B VEIN
200 LEVEL ADIT

1" = 10'

W.M.

SEPT-68

SILVER KEY MINES LIMITED

STUMP MINES LTD.

FIELD ACTIVITIES (Con't)

SOIL SAMPLING

Work Completed

Soil sampling has been completed on approximately 4 square miles of the Silver Key - Stump property and the results plotted on base maps.

Twelve separate anomolous areas have been defined that are equal or greater in size and intensity to the soil anomaly found in 1966 that led to the discovery of the A-1 zone.

Bulldozing has found mineralization in place and considerable galena float in the area outlined by the K-18 anomalous area. The 7K18 B underground devebpmnt is a result of the soil testing.

Work Planned

Bulldozing of the more favourable soil anomalies will continue to the end of October. Results of this work will determine the next phase of operation.

SILVER KEY MINES LIM)

STUMP MINES LTD.

PROGRESS REPORT

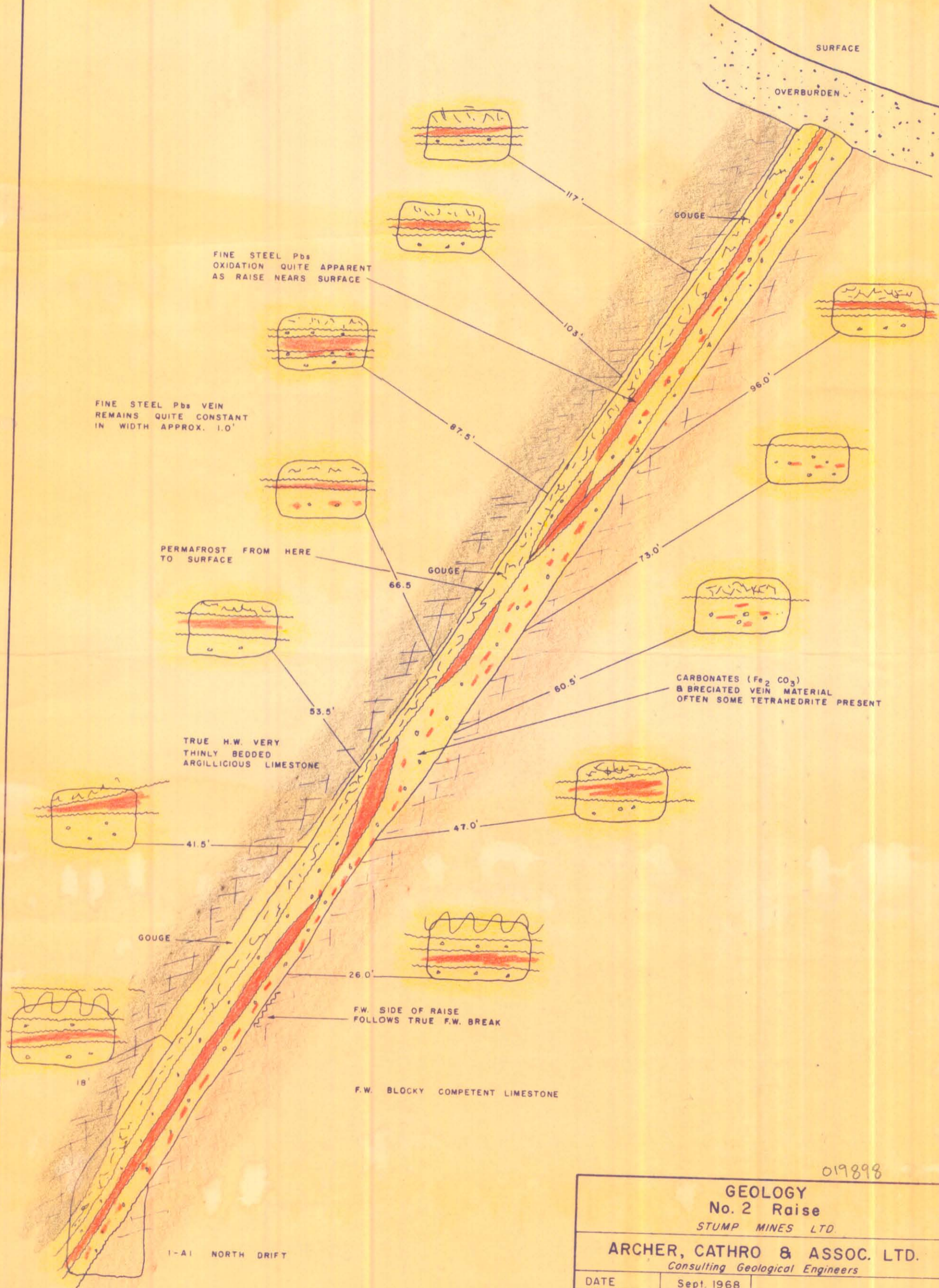
UNDERGROUND DEVELOPMENT SUMMARY

| <u>Period</u> | <u>X-Cut</u> | <u>Drift</u> | <u>Raise</u> | <u>Slash</u> | <u>Timber</u> | <u>Inv. No.</u> | <u>Place</u> |
|--------------------------|--------------|--------------|--------------|--------------|---------------|-----------------|--------------|
| Apr 9 - 15 | 51.0 | - | - | - | - | 1 | A-100 |
| 15 - 30 | 251.0 | - | - | - | 66 | 2 | A-100 |
| May 1 - 15 | 111.6 | 134.4 - A1 | - | 320#ft. | 162 | 4 | A-100 |
| 15 - 31 | - | 185.0 | - | 480#ft. | 192 | 5 | A-100 |
| June 1 - 15 | - | 164.0 | - | - | 168 | 6 | A-100 |
| 15 - 30 | - | 178.0 | - | 324#ft. | 162 | 8 | A-100 |
| Jul. 1 - 15 | - | 183.0 | - | 112#ft. | 138 | 9 | A-100 |
| 15 - 31 | - | 130.5 | 29.0 | - | - | 11 | A-100 |
| Aug 1 - 15 | - | 69.5 | 12 R1 | - | - | 13 | A-100 |
| | | | 25 R2 | | | | A-100 |
| 15 - 31 | - | 119.5 | - | - | 119.5 | 17 | Lap 10 |
| | | | 86 R2 | | | | A-100 |
| Oct 1 - 15 | 31.0 | - | - | - | - | - | A-250 |
| | 72.0 | - | - | - | 110.0 | - | 7-K18 |
| Total to end of period - | 546.8 | 1163.9 | 151.0 | 123.60 | 1117.5 | | |

Total advancement

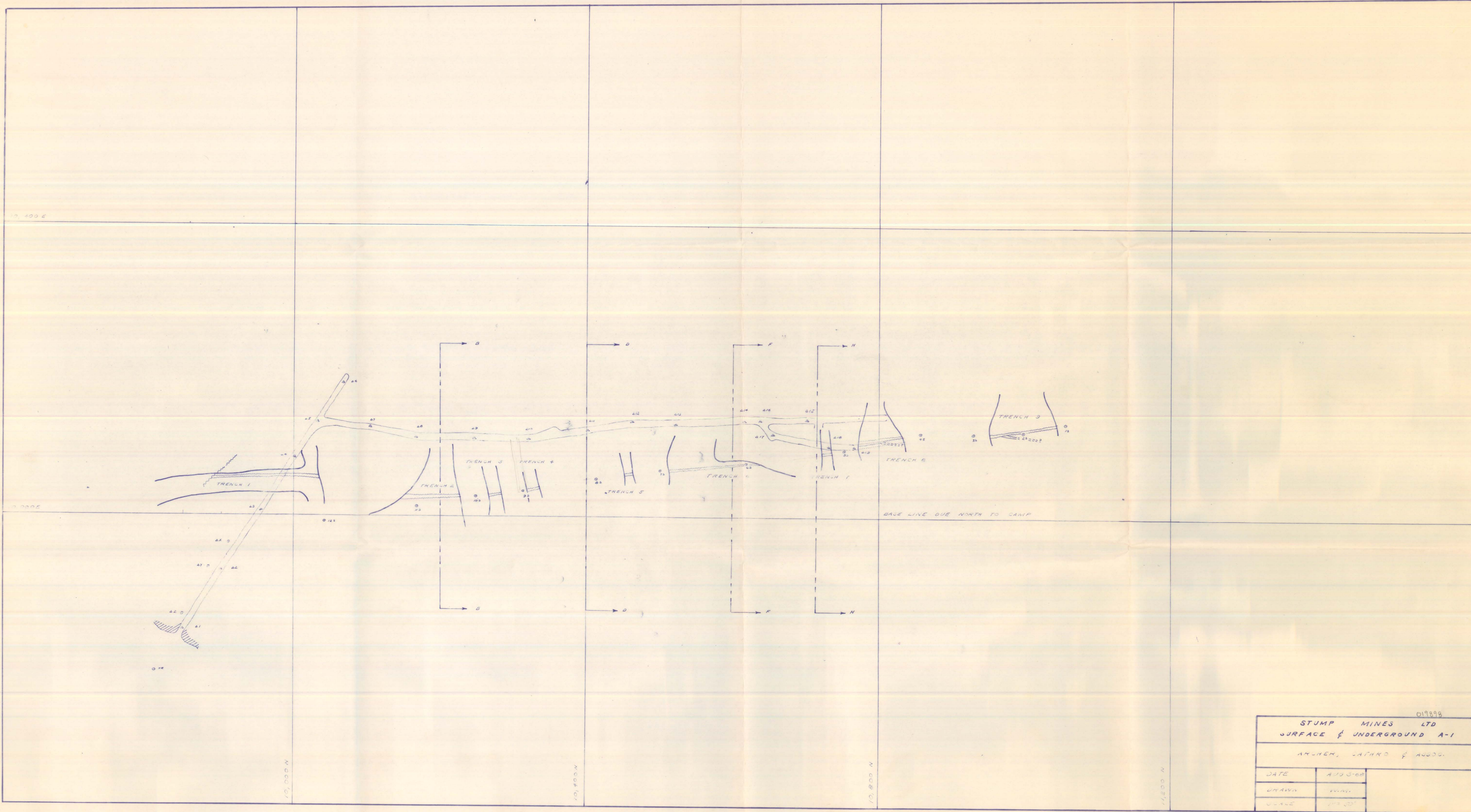
| | |
|-------|-------------------------------|
| X-Cut | 546.8 feet |
| Drift | 1163.9 feet |
| Raise | 151.0 feet |
| Slash | <u>22.0</u> feet (equivalent) |
| | 1883.7 feet |

| | <u>To Aug. 15th</u> | <u>From Aug. 15th to Oct. 15th</u> | <u>To Oct. 15, 1968</u> |
|------------|---------------------|------------------------------------|-------------------------|
| Waste Dump | 3,186.0 | 2,044.0 | 5,230.0 |
| Ore Dump | <u>7,708.0</u> | <u>602.0</u> | <u>8,310.0</u> |
| | 10,894.0 tons | 2,646.0 tons | 13,540.0 tons |

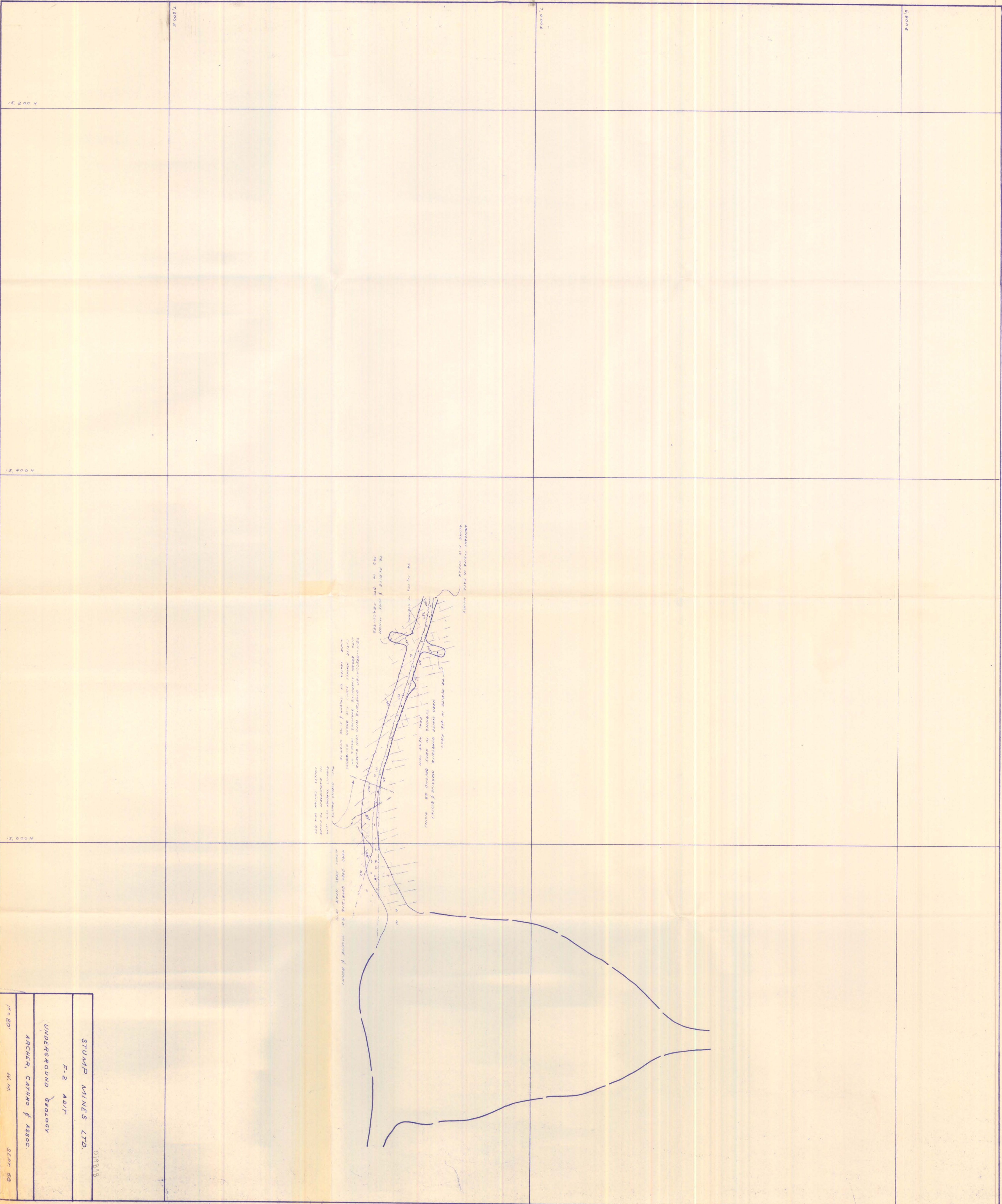


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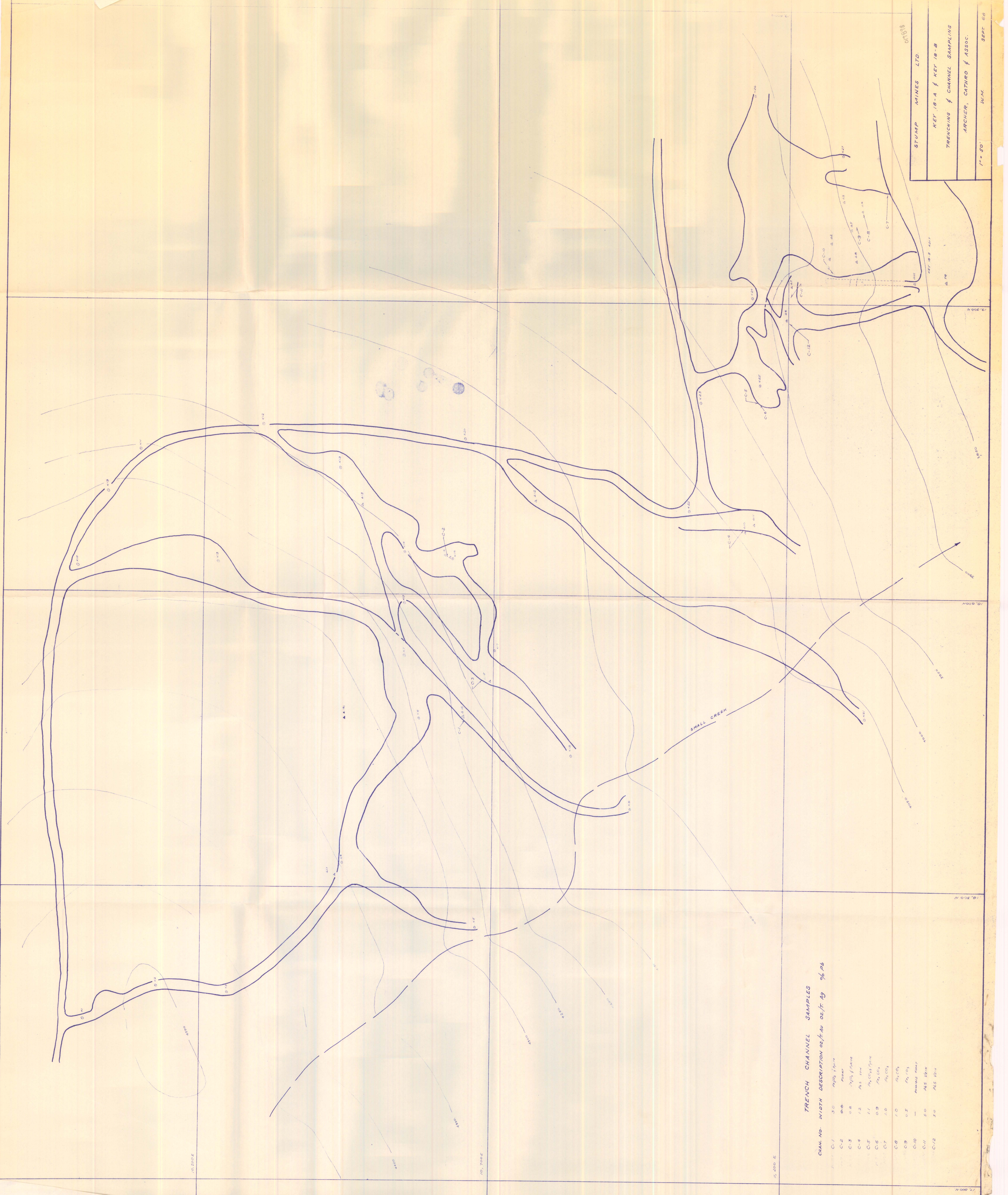
| | | |
|---|------------|----------|
| GEOLOGY | | |
| No. 2 Raise | | |
| <i>STUMP MINES LTD.</i> | | |
| ARCHER, CATHRO & ASSOC. LTD. | | |
| <i>Consulting Geological Engineers</i> | | |
| DATE | Sept. 1968 | DWG. No. |
| DRAWN | W.M. | |
| SCALE | 1" = 10' | |



| | |
|--|----------|
| 019899 | |
| STUMP MINES LTD SURFACE & UNDERGROUND A-1 | |
| ARTHEK, JAIKRO & ASSOC. | |
| DATE | APR 3-68 |
| DRAWN | W.M. |
| SCALE | 1" = 20' |



STUMPK MINES LTD. 011918
 F-2 ADIT
 UNDERGROUND GEOLOGY
 ARCHER, CARNO & ASSOC.
 N. W. 5/27/20
 5/27/20



TRENCH CHANNEL SAMPLES
 CHAN. NO. WIDTH DESCRIPTION OZ./T AU OZ./T AG % Pb

| CHAN. NO. | WIDTH | DESCRIPTION | OZ./T AU | OZ./T AG | % Pb |
|-----------|-------|-------------|----------|----------|------|
| C-1 | 3.0 | Aggs. fine | | | |
| C-2 | 4.4 | Aggs. | | | |
| C-3 | 0.8 | Aggs. fine | | | |
| C-4 | 1.2 | Aggs. fine | | | |
| C-5 | 1.1 | Aggs. fine | | | |
| C-6 | 0.9 | Aggs. fine | | | |
| C-7 | 1.0 | Aggs. fine | | | |
| C-8 | 1.0 | Aggs. fine | | | |
| C-9 | 0.5 | Aggs. fine | | | |
| C-10 | - | Aggs. fine | | | |
| C-11 | 5.0 | Aggs. fine | | | |
| C-12 | 5.0 | Aggs. fine | | | |

STUMP MINES LTD. 01/03/88
 KEY 18-A & KEY 18-B
 TRENCHING & CHANNEL SAMPLING
 ARCHER, CATMO & ASSOC.
 1" = 50'
 W.M.
 SEPT. 58