

MAP NO.: ASSESSMENT REPORT X  
105 I 11/12 PROSPECTUS  
CONFIDENTIAL X  
OPEN FILE

DOCUMENT NO: 092875  
MINING DISTRICT: WATSON LAKE  
TYPE OF WORK: DIAMOND DRILLING

REPORT FILED UNDER: CANEX PLACER LIMITED

DATE PERFORMED: July 20-Aug 15, 1978

DATE FILED: sept 25, 1978

LOCATION: LAT.: 00<sup>0</sup>00'N

AREA: Howard's Pass

LONG.: 000<sup>0</sup>00'W

VALUE \$:

CLAIM NAME & NO.: OP 1-11, 13, 15, 17-31, 33-36  
OP 101-116, 175-191, 202, 204, 206, 210-257

WORK DONE BY: CANADIAN LONGYEAR

WORK DONE FOR: PLACER DEVELOPMENT

DATE TO GOOD STANDING:

REMARKS: Six diamond drill holes were completed. One hole, OP-7 had no core recovery because of poor ground. Hole OP-8 returned one inter section of 4.95% combined Pb/Zn over 15 feet.



TRANSMITTAL FORM

M.R. file no.  
 R.M.M.R. file no.  
 Date forwarded  
 15 Aug 90

From Mining Recorder at: Watson Lake

To Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

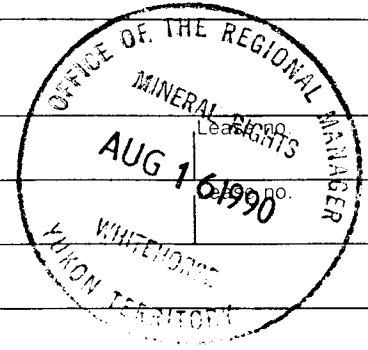
NEW APPLICATION FOR PLACER LEASE TO PROSPECT Name

RENEWAL APPLICATION PLACER LEASE TO PROSPECT Name

AFFIDAVIT OF EXPENDITURE ON PLACER LEASE Name

SECURITY DEPOSIT

FINANCIAL ABILITY



ASSIGNMENT OF PLACER LEASE NO. From To

GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. Owner

DIAMOND DRILL LOGS Claims OP 1-11, 13, 15, 17-31, 33-36, 101-116, 175-191 Claim sheet no. 105-1-11/12

QUARTZ ASSESSMENT REPORT Claims 201, 204, 206, 210-257 Claim sheet no.

FOR NUMBERING ONLY Type of report Submitted by

We have kept a copy here. Cls. work performed on \$ req. for ren. application

Please return a card.  Signature

REPLY ACTION Date returned

DRILLING WAS AS FOLLOWS:

|   |          |               |      |                  |
|---|----------|---------------|------|------------------|
| DDH OP4   | On Claim | OP 10 (Y4888) | 45'  |                  |
| DDH OP5   |          | OP 10         | 225' | Total 1634 feet. |
| DDH OP6   |          | OP 8.         | 320' |                  |
| DDH OP8   |          | OP 7          | 610' |                  |
| DDH OP9   |          | OP 9          | 434' |                  |
| (No core recovered in DDH OP-7 because of fractured ground - no logs were recorded) |          |               |      |                  |

**092875**

Signature

N.T.S. MAP GRID: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 DATE COLLARED: \_\_\_\_\_  
 DATE COMPLETED: \_\_\_\_\_

BEARING: \_\_\_\_\_  
 LENGTH: 030  
 DIP: -70

LATITUDE: \_\_\_\_\_  
 DEPARTURE: \_\_\_\_\_  
 ELEVATION: \_\_\_\_\_

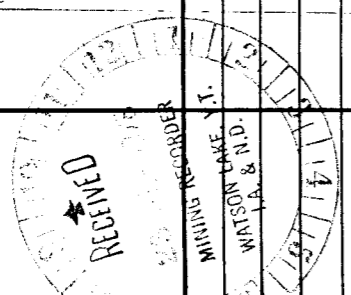
PROPERTY: \_\_\_\_\_  
 CORE SIZE: \_\_\_\_\_  
 SCALE OF LOG: 1" = 0'

HOLE No.: 1-4  
 SHEET No.: 1 of \_\_\_\_\_  
 LOGGED BY: J.M.M.  
 DATE: July 24 - 78

| ROCK TYPE AND TEXTURES  | Carb. (3) | Carbonate % | Silica - Ind (3) | Contacts | Veins | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure<br>Footage<br>Mineralization Type (6) | SULPHIDE MINERALIZATION | Est. Grade | REMARKS   | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |    |    |    |         |             |  |
|---|-----------|-------------|------------------|----------|-------|--------|---------|----------|--|-------------------------|------------|---|----------------|----------------|------------|------------|----|----|----|---------|-------------|--|
|   |           |             |                  |          |       |        |         |          |  |                         |            |   |                |                |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn | Zn/Pb RATIO |  |
| Tricone to 11 ft.<br>Flaggy M.S. - Lt grey to tan MS with dark grey carbonaceous clasts |           |             |                  |          |       |        |         |          | 0-10   |                         |            | Weathered - limonite after py. along fracture & up beds             |                |                |            |            |    |    |    |         |             |  |
| FMS - same as 11' - 40 to 60% carb. clasts  | 10        | 1           |                  |          |       | ?      | 50      | 20       | 10-20  |                         |            |   |                | 11             |            |            |    |    |    |         |             |  |
| FMS - same as 11' - 40 to 60% carb. clasts  | 10        | 1           |                  |          |       | ?      | 35      | 20       | 20-30  |                         |            |   |                | 16             | 50         |            |    |    |    |         |             |  |
| FMS - same as 11' - 40 to 60% carb. clasts  | 10        | 1           |                  |          |       | ?      | 35      | 20       | 30-40  |                         |            |   |                | 21             | 65         |            |    |    |    |         |             |  |
| FMS same as 11' - 20-60% carb. clasts   | 10        | 1           |                  |          |       |        | 30      | 10       | 40-50  |                         |            | 30 note pyrod 1/4" across with carbonaceous veins - typical of FMS. |                | 22             | 40         |            |    |    |    |         |             |  |
|   |           |             |                  |          |       |        |         |          | 50-60  |                         |            |   |                | 33             | 50         |            |    |    |    |         |             |  |
|   |           |             |                  |          |       |        |         |          | 60-70  |                         |            |   |                | 36             | 80         |            |    |    |    |         |             |  |
|   |           |             |                  |          |       |        |         |          | 70-80  |                         |            |   |                | 41             | 40         |            |    |    |    |         |             |  |
| END of Hole   | 10        | 1           |                  |          |       |        | 25      | 25       | 80-90  |                         |            |   |                | 45             | 35         |            |    |    |    |         |             |  |

Box 1  
Box 2

092875









| ROCK TYPE AND TEXTURES            | Carb. (3)<br>Carbonate % | Silica - Ind.(3) | Contacts | Veins | Faults    | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type<br>Structure<br>Footage<br>Mineralization<br>Type (6) | SULPHIDE<br>MINERALIZATION | Est. Grade | REMARKS   | FOOTAGE<br>BLOCKS | EST.<br>CORE REC. | COMPOSITES | ASSAY         |    |    |    |               |
|-----------------------------------|--------------------------|------------------|----------|-------|-----------|---------|----------|--|----------------------------|------------|---|-------------------|-------------------|------------|---------------|----|----|----|---------------|
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   |                   |                   |            | SAMPLE<br>No. | Pb | Zn | Ag | Pb<br>+<br>Zn |
| CALCAREOUS MUONSTONE<br>-AS ABOVE | 1 1/2<br>5/10            | 1                |          |       | F 218     | ?       | 20       | 61   | NO PY.                     |            | GOUGE ZONE IN FAULT<br><br>CORE HIGHLY FRACTURE<br>BEDDING NOT VISIBLE<br>CORE BREAKS ALONG<br>CLEAVAGE<br>SMALL CO <sub>2</sub> BUBBS ALONG<br>BEDDING | 62                | 70                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 66                | 75                |            |               |    |    |    |               |
| CALC. MS<br>-AS ABOVE             | 1 1/2<br>5/10            | 1                |          |       |           | 20      | 30       | 70   | ↓                          |            | SMALL CO <sub>2</sub> BUBBS PARALLEL<br>TO BEDDING  | 71                | 75                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 75                | 80                |            |               |    |    |    |               |
| CALC MS<br>-AS ABOVE              | 1 1/2<br>5/10            | 1                |          |       | 2 X 25 28 | 30      | 40 x 40  | 80   | ↓                          |            | GOUGE IN FAULT  | 80                | 75                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 82                | 70                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 86 1/2            | 10                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 87 1/2            | 15                |            |               |    |    |    |               |
| CALC. MS<br>-AS ABOVE             | 1 1/2<br>5/10            | 1                |          |       | 25        | 30      | x 0      | 90   | ↓                          |            |   | 90                | 10                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 92                | 10                |            |               |    |    |    |               |
| CALC. MS<br>-AS ABOVE             | 1 1/2<br>5/10            | 1                |          |       | 25        | 30      | x 0      | 100  | ↓                          |            | MINOR PY BUBBS<br>PARALLEL TO BEDDING.  | 102               | 80                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 106 1/2           | 90                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 108 1/2           | 98                |            |               |    |    |    |               |
| CALC MS<br>-AS ABOVE              | 1 1/2<br>5/10            | 1                |          |       | 25        | 20      | 20       | 110  | ↓                          |            | CLEAVAGE CUTS BEDDING<br>AND MAY PARALLEL IT  | 112               | 95                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 116 1/2           | 98                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 118               | 85                |            |               |    |    |    |               |
| CALC. MS<br>-AS ABOVE             | 1 1/2<br>5/10            | 1                |          |       | 15        | 20      |          | 120  | ↓                          |            |   | 122               | 98                |            |               |    |    |    |               |
|                                   |                          |                  |          |       |           |         |          |  |                            |            |   | 127               | 95                |            |               |    |    |    |               |

BOX 2  
 BOX 3  
 BOX 4  
 BOX 5  
 BOX 6  
 BOX 7  
 BOX 8  
 BOX 9

| ROCK TYPE AND TEXTURES                                  | Carb. (3) | Carbonate % | Silica - Ind. (3) | Contacts | Veins                             | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type<br>Structure<br>Footage<br>Mineralization<br>Type (6) | SULPHIDE<br>MINERALIZATION | Est. Grade | REMARKS  | FOOTAGE<br>BLOCKS | EST.<br>CORE REC | COMPOSITES | ASSAY         |    |    |    |               |
|---|-----------|-------------|-------------------|----------|-----------------------------------|--------|---------|----------|--|----------------------------|------------|--|-------------------|------------------|------------|---------------|----|----|----|---------------|
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  |                   |                  |            | SAMPLE<br>No. | Pb | Zn | Ag | Pb<br>+<br>Zn |
| CALCARIOUS MUDSTONE<br>STRATI. POSITION UNKNOWN. J.M.M. | 1/2       | 5/10        | 1                 |          | QZ<br>CO <sub>2</sub><br>20       | 0      | 40      |          | 31   | NO PY VISIBLE              |            | LIGHT TO DARK GREY<br>CALCARIOUS MS<br>SMALL CO <sub>2</sub> BLENDS PARALLEL<br>TO BEDDING<br>137 - NR CORE BEGINS | 132               | 95               |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 137               | 95               |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 140               | 75               |            |               |    |    |    |               |
| CALC. MS.<br>-AS ABOVE                                  | 1/2       | 10          | 1                 |          | QZ<br>CO <sub>2</sub><br>20<br>88 | 10     | 40      |          | 140  | ↓                          | ↓          |  | 146               | 85               |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 150               |                  |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 153               | 90               |            |               |    |    |    |               |
| CALC. MS<br>-AS ABOVE                                   | 1/2       | 10          | 1                 |          | CO <sub>2</sub><br>QZ<br>20       | 0      | 40      |          | 150  | ↓                          | ↓          |  | 161               | 90               |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 167               | 95               |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 170               |                  |            |               |    |    |    |               |
| CALC. MS<br>-AS ABOVE                                   | 1/2       | 10          | 1                 |          | CO <sub>2</sub><br>QZ<br>20       | 0      | 40      |          | 160  | ↓                          | ↓          | MINOR PY IN PODS<br>WITH QZ-CO <sub>2</sub> AND IN<br>CO <sub>2</sub> -QZ VEINS                                    | 175               | 98               |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 179               | 98               |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 180               |                  |            |               |    |    |    |               |
| CALC. MS<br>-AS ABOVE                                   | 1/2       | 10          | 1+                |          | QZ<br>CO <sub>2</sub><br>20       | 10     | 40      |          | 170  | ↓                          | ↓          |  | 187               | 98               |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 190               |                  |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 194               | 98               |            |               |    |    |    |               |
| CALC. MS<br>-AS ABOVE                                   | 1/2       | 10          | 1+                |          | CO <sub>2</sub><br>QZ<br>10<br>30 | 10     | 20      |          | 180  | ↓                          | ↓          |  | 194               | 98               |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 198               |                  |            |               |    |    |    |               |
|   |           |             |                   |          |                                   |        |         |          |  |                            |            |  | 200               |                  |            |               |    |    |    |               |

Box 9

Box 10

Box 11

Box 12

CANEX PLACER LIMITED


HOLE No.: 06 SHEET No.: 4 of 5

BOX 3

BOX 19

BOX 15

BOX 16

| ROCK TYPE AND TEXTURES | Carb. (3) | Carbonate % | Silica - Ind.(3) | Contacts | Veins                        | Faults  | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | Mineralization Type (6) | SULPHIDE MINERALIZATION                                    | Est. Grade | REMARKS  | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |    |    |    |         |             |
|------------------------|-----------|-------------|------------------|----------|------------------------------|---|---------|----------|------------------------------------|---------|-------------------------|--|------------|--|----------------|----------------|------------|------------|----|----|----|---------|-------------|
|                        |           |             |                  |          |                              |   |         |          |                                    |         |                         |  |            |  |                |                |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn | Zn/Pb RATIO |
| CALC. MS<br>-AS ABOVE  | 1/2       | 10          | 1 1/2            |          | CO <sub>2</sub><br>RTZ<br>40 |   | 0       | 20<br>40 |                                    | 201     |                         | MINOR PV IN PDS<br>AND VEINS WITH CO <sub>2</sub> -<br>QTA |            | LIGHT TO DARK GREY<br>CALC. MS,<br>SMALL CO <sub>2</sub> BLEDG ALONG<br>BEDDING. | 202            | 98             |            |            |    |    |    |         |             |
|                        |           |             |                  |          |                              |   |         |          |                                    |         |                         |  |            |  | 207            | 98             |            |            |    |    |    |         |             |
| CALC. MS<br>-AS ABOVE  | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>RTZ<br>40 |   | 0       | 20<br>40 |                                    | 210     |                         |  |            |  | 213            | 95             |            |            |    |    |    |         |             |
|                        |           |             |                  |          |                              |   |         |          |                                    |         |                         |  |            |  | 220            | 98             |            |            |    |    |    |         |             |
| CALC. MS<br>-AS ABOVE  | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>RTZ<br>20 |   | 0       | 40       |                                    | 220     |                         |  |            | ↓<br>VEINS MAY FOLLOW<br>CLEAVAGE  | 226            | 98             |            |            |    |    |    |         |             |
|                        |           |             |                  |          |                              |   |         |          |                                    |         |                         |  |            |  | 230            | 95             |            |            |    |    |    |         |             |
| CALC MS<br>-AS ABOVE   | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>RTZ<br>20 |   | 20      | 40       |                                    | 230     |                         |  |            | ↓  | 234            | 95             |            |            |    |    |    |         |             |
|                        |           |             |                  |          |                              |   |         |          |                                    |         |                         |  |            |  | 237            | 98             |            |            |    |    |    |         |             |
| CALC MS<br>-AS ABOVE   | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>RTZ<br>70 |  | 40      | 10<br>60 |                                    | 240     |                         |  |            | ↓<br>FAULT ZONE HAS GOUGE<br>AND CO <sub>2</sub> -RTZ VEINS                      | 247            | 98             |            |            |    |    |    |         |             |
|                        |           |             |                  |          |                              |   |         |          |                                    |         |                         |  |            |  | 250            |                |            |            |    |    |    |         |             |
| CALC. MS<br>-AS ABOVE  | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>RTZ<br>50 | ASO<br>15<br>20<br>L  | 50      | 30       |                                    | 250     |                         |  |            | ↓  | 257            | 98             |            |            |    |    |    |         |             |
|                        |           |             |                  |          |                              |   |         |          |                                    |         |                         |  |            |  | 260            |                |            |            |    |    |    |         |             |
| CALC. MS<br>-AS ABOVE  | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>RTZ<br>60 |   | 40      | 30       |                                    | 260     |                         |  |            | ↓  | 264            | 95             |            |            |    |    |    |         |             |
|                        |           |             |                  |          |                              |   |         |          |                                    |         |                         |  |            |  | 267            | 98             |            |            |    |    |    |         |             |
|                        |           |             |                  |          |                              |   |         |          |                                    | 270     |                         |  |            |  |                |                |            |            |    |    |    |         |             |

| ROCK TYPE AND TEXTURES                                 | Carb. (3) | Carbonate % | Silica - Ind.(3) | Contacts | Veins                 | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | Mineralization Type (6) | SULPHIDE MINERALIZATION                               | Est. Grade | REMARKS  | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |    |    |    |         |
|--|-----------|-------------|------------------|----------|-----------------------|--------|---------|----------|------------------------------------|---------|-------------------------|---|------------|--|----------------|----------------|------------|------------|----|----|----|---------|
|  |           |             |                  |          |                       |        |         |          |                                    |         |                         |   |            |  |                |                |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn |
| CALCAREOUS MUDSTONE<br>STRATI. POSITION UNKNOWN J.M.S. | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>40 |        | 40      | 50       |                                    | 271     |                         | MINOR PY. IN PORES AND VEINS WITH CO <sub>2</sub> -QZ |            | LIGHT TO DARK GREY CALC. MS. SMALL CO <sub>2</sub> BLENDS ALONG BEDDING. | 271            | 95             |            |            |    |    |    |         |
|  |           |             |                  |          |                       |        |         |          |                                    |         |                         |   |            |  | 277            | 98             |            |            |    |    |    |         |
| CALC. MS.<br>-AS ABOVE                                 | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>50 | R 20   | 10      | 40       |                                    | 280     |                         |   |            | CO <sub>2</sub> -QZ PSEUDO BEDS<br>COARSE IN FAULT                       | 286            | 100            |            |            |    |    |    |         |
|  |           |             |                  |          |                       |        |         |          |                                    |         |                         |   |            |  | 290            |                |            |            |    |    |    |         |
| CALC. MS.<br>-AS ABOVE                                 | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>50 | R 10   | 30      | 40       |                                    | 290     |                         |   |            |  | 293            | 95             |            |            |    |    |    |         |
|  |           |             |                  |          |                       |        |         |          |                                    |         |                         |   |            |  | 298            | 95             |            |            |    |    |    |         |
| CALC. MS.<br>-AS ABOVE                                 | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>50 | R 10   | 30      | 50       |                                    | 300     |                         |   |            |  | 304 1/2        | 95             |            |            |    |    |    |         |
|  |           |             |                  |          |                       |        |         |          |                                    |         |                         |   |            |  | 310            |                |            |            |    |    |    |         |
| CALC. MS.<br>-AS ABOVE                                 | 1 1/2     | 10          | 1 1/2            |          | CO <sub>2</sub><br>50 | R 10   | 20      | 50       |                                    | 310     |                         |   |            |  | 313            | 95             |            |            |    |    |    |         |
|  |           |             |                  |          |                       |        |         |          |                                    |         |                         |   |            |  | 317            | 80             |            |            |    |    |    |         |
| 320 END of Hole  |           |             |                  |          |                       |        |         |          |                                    | 320     |                         |   |            |  | 90             |                |            |            |    |    |    |         |
|  |           |             |                  |          |                       |        |         |          |                                    | 330     |                         |   |            |  |                |                |            |            |    |    |    |         |
|  |           |             |                  |          |                       |        |         |          |                                    | 340     |                         |   |            |  |                |                |            |            |    |    |    |         |

BOX 17

BOX 18

BOX 19



| ROCK TYPE AND TEXTURES                             | Carb. (3) | Carbonate % | Silica - Ind. (3) | Contacts | Veins   | Faults | Bedding | Cleavage | GRAPHIC LOG         |         |                         | SULPHIDE MINERALIZATION               | Est. Grade | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |    |    |    |         |             |
|--|-----------|-------------|-------------------|----------|---------|--------|---------|----------|---------------------|---------|-------------------------|---------------------------------------|------------|---------|----------------|----------------|------------|------------|----|----|----|---------|-------------|
|  |           |             |                   |          |         |        |         |          | Rock Type Structure | Footage | Mineralization Type (6) |                                       |            |         |                |                |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn | Zn/Pb RATIO |
| Box 4<br>FMS - same as 31' - 40-60% carb. clasts.  | 1         | 7/10        | 1+                |          |         |        | 80      | 20       |                     | 70      |                         | Tr py w pods associa with gte gypsum. |            | 71      | 85             |                |            |            |    |    |    |         |             |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            | 76      | 90             |                |            |            |    |    |    |         |             |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            | 79      | 90             |                |            |            |    |    |    |         |             |
| Box 5<br>FMS - same as 31' - 30-50% carb. clasts   | 1         | 0           | 1                 |          | 45 cal  |        | 80      | 25       |                     | 80      |                         |                                       |            |         |                |                |            |            |    |    |    |         |             |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            |         |                |                |            |            |    |    | 82 | 90      |             |
| Box 6<br>FMS - same as 31' 30 to 60% carb. clasts. | 1         | 7/10        | 1                 |          | 20 cal  |        | 70      | 25       |                     | 90      |                         |                                       |            |         |                |                |            |            |    |    |    |         |             |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            |         |                |                |            |            |    |    |    | 91      | 90          |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            |         |                |                |            |            |    |    |    | 96      | 98          |
| Box 6<br>FMS - same as 31' 20-50% carb clasts      | 1         | 0           | 1                 |          | X cal   |        | 60      | 20       | X                   | 100     |                         |                                       |            | 102     | 95             |                |            |            |    |    |    |         |             |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            |         |                |                |            |            |    |    |    | 104     | 95          |
| Box 7<br>FMS - same as 31' 10-25% carb. clasts     | 1         | 0           | 1                 |          | cal dol |        | ?       | ?        |                     | 110     |                         |                                       |            |         |                |                |            |            |    |    |    |         |             |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            |         |                |                |            |            |    |    |    | 111     | 85          |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            |         |                |                |            |            |    |    |    | 115.5   | 80          |
| Box 7<br>FMS - same as 31' 25-50% carb. clasts     | 1         | 10          | 1                 |          | cal dol |        | ?       | ?        |                     | 120     |                         |                                       |            |         |                |                |            |            |    |    |    |         |             |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            |         |                |                |            |            |    |    |    | 120.5   | 75          |
| Box 8<br>FMS - same as 31' 5 to 25% carb. clasts   | 1         | 0/10        | 1                 |          |         |        | ?       | ?        |                     | 130     |                         |                                       |            |         |                |                |            |            |    |    |    |         |             |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            |         |                |                |            |            |    |    |    | 130.5   | 90          |
| Box 8<br>FMS - same as 31' 5 to 25% carb. clasts   | 1         | 0/10        | 1                 |          |         |        | ?       | ?        |                     | 140     |                         |                                       |            |         |                |                |            |            |    |    |    |         |             |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            |         |                |                |            |            |    |    |    | 136     | 95          |
|  |           |             |                   |          |         |        |         |          |                     |         |                         |                                       |            | 140     | 80             |                |            |            |    |    |    |         |             |

| ROCK TYPE AND TEXTURES   | Carb. (3) | Carbonate % | Silica - Ind.(3) | Contacts | Veins | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | Mineralization Type (6) | SULPHIDE MINERALIZATION                           | Est. Grade | REMARKS      | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |    |    |    |         |             |
|--|-----------|-------------|------------------|----------|-------|--------|---------|----------|------------------------------------|---------|-------------------------|---|------------|--------------|----------------|----------------|------------|------------|----|----|----|---------|-------------|
|  |           |             |                  |          |       |        |         |          |                                    |         |                         |   |            |              |                |                |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn | Zn/Pb RATIO |
| F.M.S. - same as 81'. 10-20% carb. clasts  |           | 10          | 1                |          |       |        |         |          |                                    | 140     |                         | Tr py w flz py pods up to 0.5" across.            |            | 143          | 70             |                |            |            |    |    |    |         |             |
|  |           | 10          | 1                |          |       |        |         |          |                                    | 150     |                         |   |            | 146          | 85             |                |            |            |    |    |    |         |             |
| 153 Upper siliceous mudstone. Grey blk carbonaceous siliceous ms. is locally calcareous and contains abundant 1st concretions. Bedding poorly defined. |           | 20          | 2                |          |       |        |         |          |                                    | 150     |                         | Tr py w blebs and small pods. up to 0.25" across. |            | 151<br>sawd. | 70             |                |            |            |    |    |    |         |             |
|  |           | 20          | 2                |          |       |        |         |          |                                    | 160     |                         |   |            | 153          | 10             |                |            |            |    |    |    |         |             |
| USMS same as 153'  |           |             |                  |          |       |        |         |          |                                    | 170     |                         |   |            | 153.5        | 70             |                |            |            |    |    |    |         |             |
| 162-171 - blk med. xalline 1st concretion  |           | Lst         |                  |          |       |        |         |          |                                    | 160     |                         |   |            | 161          | 40             |                |            |            |    |    |    |         |             |
|  |           |             |                  |          |       |        |         |          |                                    | 170     |                         |   |            | 166          | 90             |                |            |            |    |    |    |         |             |
| USMS same as 153'  |           |             |                  |          |       |        |         |          |                                    | 180     |                         |   |            | 173          | 75             |                |            |            |    |    |    |         |             |
| 173-175 blk fgrained 1st concretion  |           | 2           | 15               | 2        |       |        |         |          |                                    | 180     |                         |   |            | 176          | 90             |                |            |            |    |    |    |         |             |
|  |           | 2           | 15               | 2        |       |        |         |          |                                    | 190     |                         |   |            | 181          | 85             |                |            |            |    |    |    |         |             |
| USMS same as 153' - with calc ms.  |           | 2           | 10               | 2        |       |        |         |          |                                    | 190     |                         |   |            | 183          | 60             |                |            |            |    |    |    |         |             |
|  |           |             |                  |          |       |        |         |          |                                    | 200     |                         |   |            | 188          | 90             |                |            |            |    |    |    |         |             |
| USMS same as 153'  |           | 2           | 15               | 2        |       |        |         |          |                                    | 200     |                         |   |            | 194          | 90             |                |            |            |    |    |    |         |             |
|  |           |             |                  |          |       |        |         |          |                                    | 210     |                         |   |            | 201          | 85             |                |            |            |    |    |    |         |             |
| USMS - same as 153'  |           |             |                  |          |       |        |         |          |                                    | 210     |                         |   |            | 208          | 90             |                |            |            |    |    |    |         |             |
| 202 - 210 - blk coarse xalline   |           | 2           | 20               | 2        |       |        |         |          |                                    | 210     |                         |   |            | 210          | 95             |                |            |            |    |    |    |         |             |

| ROCK TYPE AND TEXTURES  | Carb. (3) | Carbonate % | Silica - Ind. (3) | Contacts | Veins | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | Mineralization Type (6) | SULPHIDE MINERALIZATION  | Est. Grade   | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |    |    |    |         |             |
|---|-----------|-------------|-------------------|----------|-------|--------|---------|----------|------------------------------------|---------|-------------------------|--|--|---------|----------------|----------------|------------|------------|----|----|----|---------|-------------|
|   |           |             |                   |          |       |        |         |          |                                    |         |                         |  |  |         |                |                |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn | Zn/Pb RATIO |
| Box 12<br>USMS same as 153' - but note few Lt. Grey lam.<br>215-217 - med grey med. grained lst conc.   | 2         | 10          | 2                 |          | 20    |        | 60      | 30       |                                    | 210     |                         | Tr. py w pods up to 0.25' across.                              |  | 214     | 85             |                |            |            |    |    |    |         |             |
|   |           |             |                   |          |       |        |         |          |                                    |         |                         |  |  |         |                |                |            |            |    |    |    |         |             |
| USMS - same as 153' note occasional Lt. grey lam. 2-3 Lt. grey lam/ft - middle unit<br>221-222.5 - med grey med. grained lst conc.<br>224 2' med grey lst conc. | 2         | 15          | 2                 |          |       |        | ?       | ?        |                                    | 220     |                         | 224 note pyrim around lst concretion                           | "227-232 - sand" block   | 226     | 95             |                |            |            |    |    |    |         |             |
|   |           |             |                   |          |       |        |         |          |                                    |         |                         |  |  |         |                |                |            |            |    |    |    |         |             |
| Box 13<br>USMS middle unit same as 220'<br>237-237.5 Gy blk med. xalline lst conc.  | 2         | Tr          | 2                 |          |       |        | 75      | 5        |                                    | 230     |                         |  | note: the Lt. grey lam. are not observed due to broken nature of Rx. | 232     | 0              |                |            |            |    |    |    |         |             |
|   |           |             |                   |          |       |        |         |          |                                    |         |                         |  |  |         |                |                |            |            |    |    |    |         |             |
| USMS - same as 220' middle unit<br>242-243 - Dk grey med xalline lst concretion<br>246.5 - 248 - Gy blk med. xalline lst conc.                                  | 2         | 0           | 2                 |          |       | 30     | 80      | 10       |                                    | 240     |                         |  |  | 240.5   | 90             |                |            |            |    |    |    |         |             |
|   |           |             |                   |          |       |        |         |          |                                    |         |                         |  |  |         |                |                |            |            |    |    |    |         |             |
| Box 14<br>USMS - same as 220' middle unit<br>252-257 - Dk grey f. grained lst. concretion   | 2         | 0           | 2                 |          |       | 30     | 70      | 10       |                                    | 250     |                         |  |  | 252     | 95             |                |            |            |    |    |    |         |             |
|   |           |             |                   |          |       |        |         |          |                                    |         |                         |  |  |         |                |                |            |            |    |    |    |         |             |
| USMS - middle unit same as 220' 2 to 6 Lt. grey lam/ft<br>267.5 - 269.5 - med grey med. grained lst concretion  | 2         | 0           | 2+                |          | 20    | 15     | 75      | 5        |                                    | 260     |                         | Tr. py w pods & blebs and as discontinuous lam w Lt. grey lam. |  | 261.5   | 80             |                |            |            |    |    |    |         |             |
|   |           |             |                   |          |       |        |         |          |                                    |         |                         |  |  |         |                |                |            |            |    |    |    |         |             |
| Box 15<br>USMS - same as 220' middle unit, 3-7 Lt. grey lam/ft.   | 2         | 0           | 2+                |          | 20    | 15     | 70      | 0        |                                    | 270     |                         |  |  | 271     | 95             |                |            |            |    |    |    |         |             |
|   |           |             |                   |          |       |        |         |          |                                    |         |                         |  |  |         |                |                |            |            |    |    |    |         |             |
|   | 2         | 0           | 2+                |          | 20    | 15     | 70      | 0        |                                    | 280     |                         | 276-284 - note abundant gouge w the fault.                     |  | 276     | 90             |                |            |            |    |    |    |         |             |
|   |           |             |                   |          |       |        |         |          |                                    |         |                         |  |  |         |                |                |            |            |    |    |    |         |             |

| ROCK TYPE AND TEXTURES  | Carb. (3) | Carbonate % | Silica - Ind. (3) | Contacts | Veins | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | MINERALIZATION   | SULPHIDE | Est. Grade | REMARKS   | FOOTAGE BLOCKS | EST. CORE REC | COMPOSITES | ASSAY      |    |    |    |         |
|---|-----------|-------------|-------------------|----------|-------|--------|---------|----------|------------------------------------|---------|--|----------|------------|---|----------------|---------------|------------|------------|----|----|----|---------|
|   |           |             |                   |          |       |        |         |          |                                    |         |  |          |            |   |                |               |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn |
| USMS same as 220 - middle unit<br>287-6" Lt. grey med xalline<br>Lst concretion   | 2         | 0           | 2                 |          |       |        |         |          |                                    | 280     | Tr py w blebs and<br>as discontinuous<br>same as above |          |            |   | 283            | 10            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 290     |  |          |            |   | 286            | 85            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 290     |  |          |            |   | 290            | 90            |            |            |    |    |    |         |
| USMS - same as 220 middle unit<br>10-15 Lt. grey lam/ft<br>296-8" med grey<br>med. xalline Lst.<br>concretions                                  | 2         | 0           | 2+                |          |       |        |         |          |                                    | 300     |  |          |            | 293.5 - abundant<br>gouge   | 293.5          | 80            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 300     |  |          |            |   | 296            | 20            |            |            |    |    |    |         |
| USMS - middle unit same as<br>220.<br>301-302.5 med grey<br>coarse xalline<br>303-304.5 - blk coarse<br>xalline Lst concretion                  | 2         | 0           | 2                 |          |       |        |         |          |                                    | 310     |  |          |            | 308.5-311 - fault -   | 302.5          | 80            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 310     |  |          |            |   | 306            | 75            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 310     |  |          |            |   | 309            | 40            |            |            |    |    |    |         |
| USMS - middle unit - same as<br>220.<br>309.5-310 - Lt. grey<br>f.g. Lst concretion<br>311 to 315 - not 2<br>med. grey med.<br>grained Lst conc | 2         | 0           | 2                 |          |       |        |         |          |                                    | 320     |  |          |            | marked by abundant<br>carbonaceous gouge<br>but Lst concretion<br>well preserved. | 309.5          | 80            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 320     |  |          |            |   | 315            | 90            |            |            |    |    |    |         |
| USMS - middle unit same as<br>220.<br>322-324 - med grey<br>coarse xalline<br>Lst conc.   | 2         | 0           | 2                 |          |       |        |         |          |                                    | 330     |  |          |            |   | 321            | 75            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 330     |  |          |            |   | 326            | 90            |            |            |    |    |    |         |
| USMS - middle unit same as<br>220' 0 to 5 Lt. grey<br>Lam/ft.<br>336-2" Lst concretion<br>Lt. grey f.g.   | 2         | 0           | 2+                |          |       |        |         |          |                                    | 340     |  |          |            | 336<br>- not a 1/4" pyrim<br>around conc  | 331            | 85            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 340     |  |          |            |   | 334            | 90            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 340     |  |          |            |   | 336            | 90            |            |            |    |    |    |         |
|   |           |             |                   |          |       |        |         |          |                                    | 340     |  |          |            |   | 339            | 85            |            |            |    |    |    |         |
| USMS - middle unit same<br>as 220'<br>340-340.5 dk grey<br>med. grain Lst<br>concretion   | 2         | 0           | 2+                |          |       |        |         |          |                                    | 350     |  |          |            |   | 346            | 90            |            |            |    |    |    |         |

| ROCK TYPE AND TEXTURES   | Carb. (3) | Carbonate % | Silica - Ind.(3) | Contacts | Veins  | Fauls | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | MINERALIZATION | SULPHIDE | Est. Grade | REMARKS                              | FOOTAGE BLOCKS | EST. CORE REC | COMPOSITES | ASSAY      |     |     |    |         |
|--|-----------|-------------|------------------|----------|--------|-------|---------|----------|------------------------------------|---------|----------------|----------|------------|--------------------------------------|----------------|---------------|------------|------------|-----|-----|----|---------|
|  |           |             |                  |          |        |       |         |          |                                    |         |                |          |            |                                      |                |               |            | SAMPLE No. | Pb% | Zn% | Ag | Pb + Zn |
| USMS - middle unit - same as 220   |           |             |                  |          |        |       |         |          |                                    | 350     |                |          |            | 350-355 - Gravel kn<br>a. by + gouge | 352            | 80            |            |            |     |     |    |         |
|  |           | 2 0 2       |                  |          |        |       |         |          |                                    | 360     |                |          |            |                                      | 356            | 50            |            |            |     |     |    |         |
|  |           |             |                  |          |        |       |         |          |                                    | 360     |                |          |            |                                      | 360            | 85            |            |            |     |     |    |         |
| USMS middle unit same as 220   |           |             |                  |          |        |       |         |          |                                    | 360     |                |          |            |                                      | 364.5          | 90            |            |            |     |     |    |         |
| 361-361.5 blk coarse xalline<br>Lst.   |           | 2 0 2       |                  |          | 70 cal |       |         |          |                                    | 360     |                |          |            |                                      | 366            | 90            |            |            |     |     |    |         |
| 363.5-364.5 med gray<br>coarse xalline<br>Lst concretion                                       |           |             |                  |          | 17 cal |       |         |          |                                    | 370     |                |          |            |                                      | 367.5          | 30            |            |            |     |     |    |         |
|  |           |             |                  |          | mas    |       |         |          |                                    | 370     |                |          |            |                                      | 369            | 10            |            |            |     |     |    |         |
|  |           |             |                  |          | mas    |       |         |          |                                    | 370     |                |          |            |                                      | 370            | 40            |            |            |     |     |    |         |
| USMS 365-368 - Lt gray med gran<br>Lst concretion<br>middle unit same as 220                   |           | 2 0 2       |                  |          | 9/2    |       |         |          |                                    | 370     |                |          |            |                                      | 372            | 75            |            |            |     |     |    |         |
|  |           |             |                  |          | mas    |       |         |          |                                    | 370     |                |          |            |                                      | 373.5          | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 370     |                |          |            |                                      | 375            | 75            |            |            |     |     |    |         |
| 375 - USMS - Lower unit where<br>cms and carb ms.<br>with med gray chert<br>and Lst concretion |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80            |            |            |     |     |    |         |
|  |           |             |                  |          | 9/2    |       |         |          |                                    | 380     |                |          |            |                                      | 377            | 80</          |            |            |     |     |    |         |

| ROCK TYPE AND TEXTURES  | Carb. (3)      | Carbonate % | Silica - Ind. (3) | Contacts | Veins | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | Mineralization Type (6) | SULPHIDE MINERALIZATION   | Est. Grade | REMARKS   | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |     |     |    |         |                         |       |      |      |    |
|---|----------------|-------------|-------------------|----------|-------|--------|---------|----------|------------------------------------|---------|-------------------------|---|------------|---|----------------|----------------|------------|------------|-----|-----|----|---------|-------------------------|-------|------|------|----|
|   |                |             |                   |          |       |        |         |          |                                    |         |                         |   |            |   |                |                |            | SAMPLE No. | Pb% | Zn% | Ag | Pb + Zn | Zn/Pb RATIO             |       |      |      |    |
| 45MS Lower unit. same as 375'<br>422-427-med grey chert                         | 2-0-2<br>1-0-3 |             |                   |          | 82    | XX     | 80-25   |          |                                    | 420     |                         | Tr. dissemin. py. med. discont. lam. med. grey chert and occasional pod up to |            | Block "sand"  | 500            | 10             |            |            |     |     |    | 54072   | 0.01                    | 0.01  |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 422     |                         |   |            |   | 430            |                |            |            |     |     |    | 60      | 54073                   | 0.01  | 0.02 |      |    |
| 45MS - lower unit - same as 375' faulted.                                       | 2-0-2          |             |                   |          | 82    | XX     | 80-30   |          |                                    | 430     |                         |   |            | 425-453 - Fault zone highly broken. Rx with abundant gouge. | 500            | 05             |            |            |     |     |    | 54074   | 0.01                    | 0.06  |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 436     |                         |   |            |   | 440            |                |            |            |     |     |    | 50      | 54075                   | 0.01  | 0.04 |      |    |
| 45MS - lower unit - same as 375'<br>442-444 - Lt. grey Lst. concretion.         | 2-0-2<br>Lst   |             |                   |          | 82    | XX     | 85-20   |          |                                    | 440     |                         |   |            |   | 443            | 60             |            |            |     |     |    | 54076   | 0.01                    | 0.03  |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 446     |                         |   |            |   | 450            |                |            |            |     |     |    | 0       | 54077                   | 0.04  | 0.42 |      |    |
| 452 - Active Member.<br>452-458 - med to Lt. grey lam. chert with tr. sph. agn. | 2-0-3          |             |                   |          | 82    | XX     | 85-0    |          |                                    | 450     |                         | Note Tr. sph. agn. with Lst. also note H2S smell from HCL.                    | 1-2        |   | 454            | 85             |            |            |     |     |    | 54078   | 0.15                    | 1.10  |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 456     |                         |   |            |   | 80             |                |            |            |     |     |    | 2       | -abundant gouge w fault | 54079 | 1.01 | 3.92 |    |
| 458-458.5 - Fault - gouge   |                |             |                   |          | 82    | XX     |         |          |                                    | 462     |                         |   |            |   | 461            | 85             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 462     |                         |   |            |   | 465            |                |            |            |     |     |    |         |                         |       |      |      | 70 |
| 458.5-462 - cms with Lst concretions (90% concretions)                          | 2-0-2          |             |                   |          | 82    | XX     |         |          |                                    | 465     |                         |   |            |   | 466            | 70             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 468     |                         |   |            |   | 470            |                |            |            |     |     |    |         |                         |       |      |      | 4  |
| 462-465 - Lt grey lam. chert locally approaching rhythmites 461-462             | 2-0-2          |             |                   |          | 82    | XX     | 80-10   |          |                                    | 462     |                         |   |            |   | 465            | 70             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 465     |                         |   |            |   | 465.5          |                |            |            |     |     |    |         |                         |       |      |      | 2  |
| 465-465.5 - cms   | 2-0-2          |             |                   |          | 82    | XX     |         |          |                                    | 465     |                         |   |            |   | 466            | 70             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 465.5   |                         |   |            |   | 470            |                |            |            |     |     |    |         |                         |       |      |      | 4  |
| 465.5-466.5 - Lst concretion  | 2-0-2          |             |                   |          | 82    | XX     |         |          |                                    | 465     |                         |   |            |   | 466            | 70             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 466.5   |                         |   |            |   | 470            |                |            |            |     |     |    |         |                         |       |      |      | 4  |
| 466.5-470 - cms   | 2-0-2          |             |                   |          | 82    | XX     |         |          |                                    | 466     |                         |   |            |   | 467            | 70             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 468     |                         |   |            |   | 470            |                |            |            |     |     |    |         |                         |       |      |      | 4  |
| 468-468.5 - cms   | 2-0-2          |             |                   |          | 82    | XX     |         |          |                                    | 468     |                         |   |            |   | 468            | 85             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 468.5   |                         |   |            |   | 470            |                |            |            |     |     |    |         |                         |       |      |      | 4  |
| 468.5-470 - Lt grey lam chert   | 1-0-3          |             |                   |          | 82    | XX     |         |          |                                    | 470     |                         | Tr. py w pods   |            |   | 476            | 95             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 470     |                         |   |            |   | 474            |                |            |            |     |     |    |         |                         |       |      |      | 1  |
| 470-474 - Lt grey basal Lst.  | 1-0-3          |             |                   |          | 82    | XX     |         |          |                                    | 470     |                         |   |            |   | 474            | 95             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 474     |                         |   |            |   | 479            |                |            |            |     |     |    |         |                         |       |      |      | 1  |
| 474-479 - Lt grey lam chert   | 1-0-3          |             |                   |          | 82    | XX     |         |          |                                    | 474     |                         |   |            |   | 479            | 95             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 479     |                         |   |            |   | 501            |                |            |            |     |     |    |         |                         |       |      |      | 2  |
| 479-501 - cms   | 2-0-2          |             |                   |          | 82    | XX     |         |          |                                    | 479     |                         |   |            |   | 482            | 85             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 482     |                         |   |            |   | 485            |                |            |            |     |     |    |         |                         |       |      |      | 50 |
|   |                |             |                   |          | 82    | XX     |         |          |                                    | 485     |                         |   |            |   | 487.5          | 40             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 487.5   |                         |   |            |   | 490            |                |            |            |     |     |    |         |                         |       |      |      | 40 |
|   |                |             |                   |          | 82    | XX     |         |          |                                    | 490     |                         |   |            |   | 490            | 40             |            |            |     |     |    |         |                         |       |      |      |    |
|   |                |             |                   |          |       |        |         |          |                                    | 490     |                         |   |            |   | 490            |                |            |            |     |     |    |         |                         |       |      |      | 40 |



| ROCK TYPE AND TEXTURES                                 | Carb. (3) | Carbonate % | Silica - Ind.(3) | Contacts | Veins | Faults | Bedding | Cleavage | GRAPHIC LOG         |         |                         | SULPHIDE MINERALIZATION          | Est. Grade   | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |    |    |    |         |
|--|-----------|-------------|------------------|----------|-------|--------|---------|----------|---------------------|---------|-------------------------|----------------------------------|--|---------|----------------|----------------|------------|------------|----|----|----|---------|
|  |           |             |                  |          |       |        |         |          | Rock Type Structure | Footage | Mineralization Type (6) |                                  |  |         |                |                |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn |
| LCMS same as 517.5 - faulted<br>←<br>←<br>←            | 2         | 0           | 2                |          | cgs   | A      | ?       | ?        |                     |         |                         | Tr py as pods and dissem. grains | 561.5 - 593 - Rx is basically a partially healed fault gouge | 564.5   | 95             |                |            |            |    |    |    |         |
|  |           |             |                  |          |       |        |         |          |                     |         |                         |                                  |  | 566     | 95             |                |            |            |    |    |    |         |
| LCMS - same as 517.5 - faulted<br>←<br>←<br>←          | 2         | Tr          | 2                |          | cgs   | A      | ?       | ?        |                     |         |                         |                                  |  | 572     | 90             |                |            |            |    |    |    |         |
|  |           |             |                  |          |       |        |         |          |                     |         |                         |                                  |  |         |                |                |            |            |    |    |    |         |
| LCMS - same as 517.5 - faulted<br>←<br>←<br>←          | 2         | 0           | 2                |          | m cgs | A      | ?       | ?        |                     |         |                         |                                  |  | 582     | 75             |                |            |            |    |    |    |         |
|  |           |             |                  |          |       |        |         |          |                     |         |                         |                                  |  | 588     | 70             |                |            |            |    |    |    |         |
| LCMS - same as 517.5<br>←<br>←<br>←                    | 2         | 15          | 2                |          |       |        | 20      | 20       |                     |         |                         |                                  |  | 594     | 85             |                |            |            |    |    |    |         |
|  |           |             |                  |          |       |        |         |          |                     |         |                         |                                  |  | 597     | 85             |                |            |            |    |    |    |         |
| LCMS - same as 517.5<br>←<br>←<br>←<br>610 END of Hole | 2         | 15          | 2                |          |       |        | 20      | 20       |                     |         |                         |                                  |  | 605     | 85             |                |            |            |    |    |    |         |
|  |           |             |                  |          |       |        |         |          |                     |         |                         |                                  |  | 610     | 85             |                |            |            |    |    |    |         |
|  |           |             |                  |          |       |        |         |          |                     |         |                         |                                  |  |         |                |                |            |            |    |    |    |         |
|  |           |             |                  |          |       |        |         |          |                     |         |                         |                                  |  |         |                |                |            |            |    |    |    |         |



| ROCK TYPE AND TEXTURES  | Carb. (3) | Carbonate % | Silica - Ind.(3) | Contacts | Veins  | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | MINERALIZATION | SULPHIDE | Est. Grade | REMARKS   | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |      |      |    |         |             |
|---|-----------|-------------|------------------|----------|--------|--------|---------|----------|------------------------------------|---------|----------------|----------|------------|---|----------------|----------------|------------|------------|------|------|----|---------|-------------|
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   |                |                |            | SAMPLE No. | Pb%  | Zn%  | Ag | Pb + Zn | Zn/Pb RATIO |
| 70-80 Active member -<br>Lt grey basal Lst.<br>Lt grey arg Lst - laminated                      |           | Lst         |                  |          | 30 cal | ?      | 60      | 15       |                                    | 70      |                |          |            | The Lt. grey basal Lst is highly broken but better than ms. for clast size                      | 72             | 60             |            | 54111      | 0.01 | 0.07 |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 77             | 80             |            |            |      |      |    |         |             |
| 80- LCMS - Gy blk carb. cherty ms. slightly calc.<br><br>85 2" poorly developed Lst concretions | 2         | 20          | 2                |          |        | X      | 30      | ?        | 0                                  | 80      |                |          |            | Note occasional PY pod up to 0.25" across no also occasional PY lam.                            | 82             | 60             |            | 54112      | 0.01 | 0.04 |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 87             | 50             |            |            |      |      |    |         |             |
| LCMS - same as 80'<br><br>92-2" poorly developed Lst conc.                                      | 2         | 5           | 2                |          |        | X      | ?       | ?        |                                    | 90      |                |          |            | Faulting consists of highly broken R <sub>x</sub> and locally gouge but no obvious slip planes. | 92             | 50             |            | 54113      | 0.01 | 0.07 |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 97             | 40             |            |            |      |      |    |         |             |
| LCMS - same as 80'  | 2         | 5           | 2                |          |        | X      | ?       | ?        |                                    | 100     |                |          |            |   | 102            | 40             |            |            |      |      |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 106            | 50             |            |            |      |      |    |         |             |
| LCMS - same as 80'  | 2         | 0           | 2                |          |        | X      | ?       | ?        |                                    | 110     |                |          |            |   | 111            | 40             |            |            |      |      |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 116            | 30             |            |            |      |      |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 119            | 75             |            |            |      |      |    |         |             |
| LCMS - same as 80'  | 2         | 0           | 2                |          |        | X      | 30      | 20       | X                                  | 120     |                |          |            |   | 121.5          | 25             |            |            |      |      |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 125            | 60             |            |            |      |      |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 130            | 95             |            |            |      |      |    |         |             |
| LCMS - same as 80'<br><br>135-2" calc ms bed.   | 2         | 10          | 2                |          | 80 cal | X      | 20      | ?        |                                    | 130     |                |          |            |   | 134            | 75             |            |            |      |      |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 139            | 80             |            |            |      |      |    |         |             |
|   |           |             |                  |          |        |        |         |          |                                    |         |                |          |            |   | 140            |                |            |            |      |      |    |         |             |

| ROCK TYPE AND TEXTURES   | Carb. (3) | Carbonate % | Silica - Ind. (3) | Contacts | Veins  | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | FOOTAGE | MINERALIZATION           | Est. Grade | REMARKS                                    | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY      |    |    |    |         |
|--|-----------|-------------|-------------------|----------|--------|--------|---------|----------|------------------------------------|---------|--------------------------|------------|--|----------------|----------------|------------|------------|----|----|----|---------|
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  |                |                |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn |
| LCMS - same as 80'<br>140.5 2" Lst concretions<br>142 note 1" calc. ms bed | 2         | 15          | 2                 |          | 1" cal |        | 40      | 10       |                                    | 146     | Tr py w glc-calc-py pods |            |  | 143            | 70             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 148            | 60             |            |            |    |    |    |         |
| LCMS - same as 80'   | 2         | 15          | 2                 |          | 1" cal |        | ?       | ?        |                                    | 150     |                          |            |  | 152            | 60             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 156            | 30             |            |            |    |    |    |         |
| LCMS - same as 80'   | 2         | 5           | 2                 |          | 1" cal |        | 60      | ?        | ?                                  | 160     |                          |            |  | 161            | 90             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 166            | 85             |            |            |    |    |    |         |
| LCMS - same as 80'   | 2         | 5           | 2                 |          | 1" cal |        | ?       | ?        |                                    | 170     |                          |            |  | 170            | 60             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 174            | 95             |            |            |    |    |    |         |
| LCMS - same as 80'   | 2         | Fr          | 2                 |          | 1" cal |        | 70      | ?        |                                    | 180     |                          |            |  | 179            | 90             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 186            | 60             |            |            |    |    |    |         |
| LCMS - same as 80'   | 2         | 0           | ?                 |          | 1" cal |        | ?       | ?        |                                    | 190     |                          |            | 190-215- note abundant gouge w fault zone. | 190            | 50             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 193            | 40             |            |            |    |    |    |         |
| LCMS - same as 80'   | 2         | Tr          | 2                 |          | 1" cal |        | 40      | 20       |                                    | 200     |                          |            |  | 196            | 50             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 197            | 60             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 198.5          | 20             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 201            | 20             |            |            |    |    |    |         |
| LCMS - same as 80'   | 2         | Tr          | 2                 |          | 1" cal |        | 40      | 20       |                                    | 210     |                          |            |  | 203            | 20             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 206            | 50             |            |            |    |    |    |         |
|  |           |             |                   |          |        |        |         |          |                                    |         |                          |            |  | 209            | 40             |            |            |    |    |    |         |



| ROCK TYPE AND TEXTURES                              | Carb. (3) | Carbonate % | Silica - Ind. (3) | Contacts | Veins  | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | Mineralization Type (6) | SULPHIDE MINERALIZATION                                | Est. Grade | REMARKS                                 | FOOTAGE BLOCKS | EST. CORE REC | COMPOSITES | ASSAY      |    |    |    |         |             |
|---|-----------|-------------|-------------------|----------|--------|--------|---------|----------|------------------------------------|---------|-------------------------|--|------------|---|----------------|---------------|------------|------------|----|----|----|---------|-------------|
|   |           |             |                   |          |        |        |         |          |                                    |         |                         |  |            |   |                |               |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn | Zn/Pb RATIO |
| Transition between LCMS and calc. ms. same as 239.  | 2         | 5           | 2-                |          | 1r cal | X      | 50      | ?        |                                    | 280     |                         | Tr to 1% py as discontinuous lam. and w calc.-py pods. |            | 282-306 not some gouge w the fault zone | 282            | 70            |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 286     |                         |  |            |   | 40             |               |            |            |    |    |    |         |             |
| Transition between LCMS and calc. MS. same as 239.  | 2         | 10          | 2-                |          | cal    | X      | ?       | ?        |                                    | 290     |                         |  |            |   | 291            | 60            |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 294     |                         |  |            |   | 40             |               |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 298     |                         |  |            |   | 50             |               |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 300     |                         |  |            |   | 40             |               |            |            |    |    |    |         |             |
| Transition between LCMS and calc. MS. - same as 239 | 2         | 5           | 10                |          | X      | X      | 45      | ?        |                                    | 300     |                         | Tr py w calc-py pods                                   |            |   | 301            | 5             |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 302     |                         |  |            |   | 30             |               |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 304.5   |                         |  |            |   | 60             |               |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 308     |                         |  |            |   | 75             |               |            |            |    |    |    |         |             |
| Transition between LCMS and calc ms. - same as 239. | 2         | 15          | 2                 |          |        |        | 50      | 0        |                                    | 310     |                         |  |            |   | 315            | 85            |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 319     |                         |  |            |   | 80             |               |            |            |    |    |    |         |             |
| Transition between LCMS and calc. MS. same as 239.  | 2         | 15          | 2-                |          |        |        | 50      | 30       |                                    | 320     |                         |  |            |   | 323.5          | 80            |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 327.5   |                         |  |            |   | 80             |               |            |            |    |    |    |         |             |
| Transition between LCMS and calc. MS.               | 2         | 25          | 2-                |          |        |        | 50      | 20       | x                                  | 330     |                         |  |            |   | 334            | 80            |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 337     |                         |  |            |   | 30             |               |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 339     |                         |  |            |   | 60             |               |            |            |    |    |    |         |             |
| 339-Calcareous ms. (member)                         | 2         | 35          | 1+                |          | 40 cal |        | 50      | 20       | x                                  | 340     |                         |  |            |   | 344            | 80            |            |            |    |    |    |         |             |
|   |           |             |                   |          |        |        |         |          |                                    | 347     |                         |  |            |   | 80             |               |            |            |    |    |    |         |             |

Box 16

Box 17

Box 18

Box 19

| ROCK TYPE AND TEXTURES                      | Carb. (3) | Carbonate % | Silice - Ind.(3) | Contacts | Veins   | Faults | Bedding | Cleavage | GRAPHIC LOG<br>Rock Type Structure | Footage | Mineralization Type (6) | SULPHIDE MINERALIZATION   | Est. Grade | REMARKS | FOOTAGE BLOCKS | EST. CORE REC.  | COMPOSITES | ASSAY      |    |    |    |         |
|---|-----------|-------------|------------------|----------|---------|--------|---------|----------|------------------------------------|---------|-------------------------|---|------------|---------|----------------|---|------------|------------|----|----|----|---------|
|   |           |             |                  |          |         |        |         |          |                                    |         |                         |   |            |         |                |   |            | SAMPLE No. | Pb | Zn | Ag | Pb + Zn |
| Calcareous ms. - same as 339.<br>↓<br>↓     | 2' 30"    | 2'          |                  |          |         |        | 50      | 20       | X                                  | 350     |                         | Tr. pyw calcite-py blebs and pods. some of which define discont. lam. |            |         | 354            | 90  |            |            |    |    |    |         |
|   |           |             |                  |          |         |        |         |          |                                    | 360     |                         |   |            |         | 358            | 75  |            |            |    |    |    |         |
| Calcareous ms. - same as 339.<br>↓<br>↓     | 2' 30"    | 1+          |                  |          | 15 cal  |        | 40      | P        |                                    | 370     |                         |   |            |         | 363            | 80  |            |            |    |    |    |         |
|   |           |             |                  |          |         |        |         |          |                                    | 380     |                         |   |            |         | 365            | 75  |            |            |    |    |    |         |
| calcareous ms - same as 339.<br>↓<br>↓<br>↓ | 2' 30"    | 1+          |                  |          | cal     | 20     | 80      | 15       |                                    | 380     |                         |   |            |         | 371            | 80  |            |            |    |    |    |         |
|   |           |             |                  |          |         |        |         |          |                                    | 380     |                         |   |            |         | 375            | 85  |            |            |    |    |    |         |
|   |           |             |                  |          |         |        |         |          |                                    | 380     |                         |   |            |         | 378            | 85  |            |            |    |    |    |         |
| calcareous ms. same as 339.<br>↓<br>↓       | 2' 30"    | 1+          |                  |          |         |        | 70      | 5        | X                                  | 390     |                         |   |            |         | 383            | 80  |            |            |    |    |    |         |
|   |           |             |                  |          |         |        |         |          |                                    | 390     |                         |   |            |         | 388            | 80  |            |            |    |    |    |         |
| calcareous ms. same as 339.<br>↓<br>↓       | 2' 25"    | 1+          |                  |          | 1/2 cal | 10     |         | 40       | 0                                  | 400     |                         |   |            |         | 393            | 75  |            |            |    |    |    |         |
|   |           |             |                  |          |         |        |         |          |                                    | 400     |                         |   |            |         | 399.5          | 90  |            |            |    |    |    |         |
| Calcareous ms same as 339.<br>↓<br>↓        | 2' 30"    | 1+          |                  |          |         |        | 70      | ?        |                                    | 410     |                         |   |            |         | 407            | 95  |            |            |    |    |    |         |
|   |           |             |                  |          |         |        |         |          |                                    | 410     |                         |   |            |         | 411            | 85  |            |            |    |    |    |         |
| calcareous ms. same as 339.<br>↓<br>↓<br>↓  | 2' 10"    | 2'          |                  |          | 20 cal  | 15     | 6       | 20       | X                                  | 420     |                         |   |            |         | 416            | 85  |            |            |    |    |    |         |
|   |           |             |                  |          |         |        |         |          |                                    | 420     |                         |   |            |         | 419            | 85  |            |            |    |    |    |         |
|   |           |             |                  |          |         |        |         |          |                                    | 420     |                         |   |            |         | 412            | 2" x 2" grey lst concretions with gradational contact |            |            |    |    |    |         |

Box 20

Box 21

Box 22

Box 23



Statement of Drilling Cost for the OP Area

Period July 20 to August 15, 1978

The following cost statement for drilling at the OP area is only a basic cost statement which does not include accomodation or camp cost, Bulldozer time for site preparation, Placer Developments' supervisory time, and assay cost.

The information gathered for this statement has been taken from Canadian Longyears' daily time sheets and from Placer Developments' helicopter logs. The following cost charges for the drilling are the real charges which are being charged for the drilling operation.

| <u>Type</u>                  | <u>Cost</u>  | <u>Details</u>  |
|------------------------------|--------------|---|
| HQ Drilling charges          | \$ 17.65/ft. | Canadian Longyears' rate as per invoices  |
| NQ & BQ Drilling 0-500 ft.   | 16.40/ft.    | As per Canadian Longyears' 1978 drilling  |
| " " " 500 - 1000 ft.         | 17.25/ft.    | " " " " contract  |
| Crew hours (Runner & Helper) | 46.50/hr.    | " " " " "   |
| Individual Labour rate       | 18.50/hr.    | " " " " "   |
| Reagents: Quik Gel           | 17.25/bag    | This includes purchase price plus transportation from Vancouver to site   |
| Quik Trol                    | 8.05/bag     | " " " " " "   |
| Helicopter charges           | 330.00/hr.   | Companys' Bell 206 Helicopter (C-GHMS)  |
| Drilling Labour Cost         | 46.50/hr.    | This a cost which Canadian Longyear has charged Placer during some of the drilling operations ie. when reducing drill size or surveying hole. |

Drill Hole OP-4 (Period July 20 - 22, 1978)

Total footage: 45 ft. (NQ) consisting of 20' of casing  
 Drilling cost: 45 " @ \$16.40/ft. = \$ 738.00  
 Mobilization Cost for moving Drill from Anniv  
 To OP area is 55 crew hrs @ \$46.50/hr. = 2,557.50  
 Helicopter cost: 45 mins. @ \$330.00/hr. = 247.50



\$ 3,543.00

Drill Hole OP-5 (Period July 22 - 26, 1978)

Total footage: 225 ft. (Consisting of 200" casing & 225" of NQ drilling)  
 Drilling cost: 225' @ \$16.40/ft. = \$3,690.00  
 Casing cost: 158 crew hrs @ \$46.50/hr = 7,347.00  
 Reagent cost: 98 bags Quik Gel @ \$17.25/bag  
 70 bags " Trol @ \$8.05/bag = 2,254.00  
 Mobilization cost: 11 crew hrs. @ \$46.50/hr. = 511.50  
 Helicopter cost: 1.25 hrs @ \$330.00/hr. = 412.50

\$14,215.00

Drill Hole OP-6 (Period July 27 - 29, 1978)

Total footage: 320 ft. (consisting of 137' HQ, 183' of NQ & casing for 50')  
 Drilling cost: 137' @ \$17.65/ft.  
 183' @ \$16.40/ft. = \$5,419.25  
 Drilling Labour cost: 2 crew hr @ \$46.50/hr. = 93.00  
 Reagent cost: 34 bags Quik Gel @ \$17.25/bag  
 26 " " Trol @ \$8.05/bag = 795.80  
 Mobilization cost: 21 crew hr. @ \$46.50/hr = 976.50  
 Helicopter cost: 1.25 hrs @ \$330.00/hr = 467.50

\$ 6,956.25

092875

Drill Hole OP-7 (Period July 30, 1978)

Total footage: 38' (consisting of 38' NQ & 9' of casing)  
 Drilling cost: 38' @ \$16.50/ft. = \$ 627.00  
 Reagent cost: 12 bags Quik Gel @ \$17.25/bag  
                   12 " " Tro1 @ \$8.05/bag = 303.60  
 Mobilization cost: 7 crew hrs. @ \$46.50/hr. = 325.50  
 Helicopter cost: 50 minutes @ \$330.00/hr. = 275.00

\$ 1,531.10

Drill Hole OP-8 (Period July 30 - August 6, 1978)

Total footage: 610' (consisting of 102' HQ & 508' NQ drilling & 154' of casing)  
 Drilling cost: 102' @ \$17.65/ft.  
                   398' @ \$16.40/ft. (drilling rate to 500')  
                   110' @ \$17.25/ft. ( " " over 500') = \$10,225.00  
 Casing cost: 11 crew hrs. @ \$46.50/hr. = 511.50  
 Reagent cost: 79 bags Quik Gel @ \$17.25/bag  
                   83 bags " Tro1 @ \$8.05/bag = 2,030.90  
 Drilling Labour cost: 1 crew hr. @ \$46.50/hr. = 46.50  
 Mobilization cost: 12 crew hr. @ \$46.50/hr. = 558.00  
 Helicopter cost: 4 hrs.55 mins. @ \$330.00/hr. = 2,612.50

\$15,984.40

Drill Hole OP-9 (Period August 7 - 12, 1978)

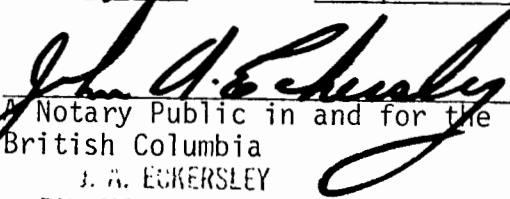
Total footage: 434' (consisting of 221' HQ & 213' NQ drilling & 65' of casing)  
 Drilling cost: 221' @ \$17.65/ft.  
                   213' @ \$16.40/ft. = \$ 7,393.85  
 Casing cost: 14 crew hrs. @ \$46.50/hr. = 651.00  
 Reagent cost: 34 bags Quik Gel @ \$17.25/bag  
                   68 " " Tro1 @ \$8.05/bag = 1,133.90  
 Drilling Labour: 4 crew hrs. @ \$46.50/hr. = 186.00  
 Mobilization cost: 14 crew hrs. @ \$46.50/hr. = 651.00  
 Helicopter cost: 7 hrs. 50 mins. @ \$330.00/hr. = 2,475.00

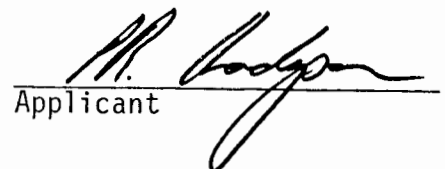
\$18,390.75

\$60,620.50

Sworn before me at Vancouver, B.C.

This 18<sup>th</sup> day of September 1978

  
 \_\_\_\_\_  
 Notary Public in and for the Province of  
 British Columbia  
 J. A. ECKERSLEY  
 709-1030 W. GEORGIA ST.  
 VANCOUVER, B. C. V6E 3A8

  
 \_\_\_\_\_  
 Applicant