

ORE MIN. BARREN

FAV. UNFAV.

U.S.A.E.C.

HOLE NO. N-503

PROJECT OLJATO

LOCALITY FLATIRONS CLAIM WITHDRAWN

COLLAR ELEV. 5050.9' DEPTH 111.0'

COORDINATES 172,458.6 <sup>N</sup> 402,857.9 <sup>E</sup>

DATE COMPLETED 5/12/55

LOGGED BY R.F.C. DATE 5/13/55

RECOVERY 95%

$\bar{R}M = 106.5'$

| RECOVERY    | GEOLOGIC COLUMN                                   | COLOR           | BEDDING | TEXTURE           | GRAIN COATINGS                        | CARBON | ORE MINERALS | MISCELLANEOUS |                            |           | DEPTH |     |
|-------------|---|-----------------|---------|-------------------|---------------------------------------|--------|--------------|---------------|----------------------------|-----------|-------|-----|
|             |   |                 |         |                   |                                       |        |              | CORE LOSS     | CEMENT %                   | MET. MIN. |       |     |
|             | OVERBURDEN  |                 |         |                   |                                       |        |              |               |                            |           |       |     |
|             |   |                 |         |                   |                                       |        |              |               |                            |           |       |     |
|             | MS  |                 |         |                   |                                       |        |              |               |                            |           |       |     |
|             | Plug 0-850'                                       |                 |         |                   |                                       |        |              |               |                            |           |       |     |
| 9.8<br>10.9 | SS  | Light grey      | medium  | fine              | SiO <sub>2</sub><br>CaCO <sub>3</sub> | 1      |              | 0.2           | 80% S<br>20% C             |           | 29%   | 90  |
| 9.6<br>10.5 | SS  | very light grey | medium  | medium to fine    | SiO <sub>2</sub><br>CaCO <sub>3</sub> | 1      |              | 0.4           | 70% S<br>30% C             |           | 29%   | 100 |
| 3.3         | SS  | very light grey | medium  | fine to very fine | SiO <sub>2</sub><br>CaCO <sub>3</sub> | 3      | RS           | 0.2           | 60% C<br>40% S             | Pyrite    | 5%    |     |
| 4.0         | sts   | bluish gray     | thin    | sts               | SiO <sub>2</sub><br>hem               | 10     | RM           | 0.1           | 60% S<br>30% clay<br>10% C | Pyrite    | 25%   |     |
| 2.0<br>2.0  | sts   | gray/red        | thin    | sts               | SiO <sub>2</sub><br>hem               | 1      |              | 0.0           |                            |           | 23%   | 110 |
|             | Lower 10.0' of RS = 39% MS. carbon is abundant    |                 |         |                   |                                       |        |              |               |                            |           |       |     |
|             | Upper 2.0' of RM = altered light bluish gray sts. |                 |         |                   |                                       |        |              |               |                            |           |       |     |