


| <br><b>EXPLORATION LOGGING</b><br><b>DRILLING RATE AND DATA</b><br><input checked="" type="checkbox"/> METER/HR<br><input type="checkbox"/> MIN/METER<br>VISUAL POROSITY<br>GO. TR. FAIR TR. | DEPTH<br>CORE TEST                   | LITHOLOGY                            | OIL   |  | DRILLING MUD                         |                                      |                                      |                                      | CUTTINGS                     |         | REMARKS AND<br>LITHOLOGY DESCRIPTION |   |                      |                      |
|---|--------------------------------------|--------------------------------------|---|--|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------|--------------------------------------|---|----------------------|----------------------|
|   |                                      |                                      | TRACE<br>GD. TRAGE<br>FAIR<br>GOOD<br>V. GOOD | OIL IN<br>MUD<br>TR. X<br>FAIR XX<br>GD. XXX | CONTINUOUS DITCH GAS                 |                                      | CHROMATOGRAPHIC ANALYSIS             |                                      | CUT<br>TRACE<br>FAIR<br>GOOD | GAS     |                                      |   |                      |                      |
|   |                                      |                                      |   |  | TOTAL GAS                            | PETROL VAP                           | METHANE                              | ETHANE                               |                              | BUTANES |                                      | PENTANES  | TOTAL GAS            | PETROL VAP           |
|   |                                      |                                      |   |  | (BACKUP SCALE = 10X)                 | (BACKUP SCALE = 10X)                 | PPM IN AIR                           | PPM IN AIR                           |                              | M=1000  |                                      | M=1000  | (BACKUP SCALE = 10X) | (BACKUP SCALE = 10X) |
| 200 150 100 50  | 20 40 60 80 100<br>100 1M<br>10M 60M | 20 40 60 80 100<br>100 1M<br>10M 60M | 20 40 60 80 100<br>100 1M<br>10M 60M          | 20 40 60 80 100<br>100 1M<br>10M 60M         | 20 40 60 80 100<br>100 1M<br>10M 60M | 20 40 60 80 100<br>100 1M<br>10M 60M | 20 40 60 80 100<br>100 1M<br>10M 60M | 20 40 60 80 100<br>100 1M<br>10M 60M |                              |         |                                      |   |                      |                      |
|   |                                      |                                      |   |  |                                      |                                      |                                      |                                      |                              |         |                                      | CALCISILTITE, FROM 450<br>M, WH-V LT GY, CLY-SLT<br>GR, SFT, TR QTZ FRAGS,<br>YEL-RED BRN, HD, GRAN,<br>TR CARB FLECKS, LSE<br>SHELLS AND COR DEB,<br>UP TO 30% LSE FOS<br>FRAGS, FORAMS, COR, BRY,<br>ECH SPINES, TR QTZ GR,<br>GRAN, CLR, RND |                      |                      |
|   |                                      |                                      |   |  |                                      |                                      |                                      |                                      |                              |         |                                      | CALCILUTITE, FROM 490<br>M, LT GY, SFT, V SLTY<br>CLY, LSE FOS FRAGS,<br>FORAMS, SHELL DEB  |                      |                      |
|   | 500                                  |                                      |   |  |                                      |                                      |                                      |                                      |                              |         |                                      | CALCILUTITE, LT GY,<br>V SFT, 100% CLY, 90%<br>SOLUBLE IN HCL, LSE<br>FOS, FORAMS, SHELL DEB  |                      |                      |
|   |                                      |                                      |   |  |                                      |                                      |                                      |                                      |                              |         |                                      | CALCILUTITE, A/A, W/<br>50% FORAMS  |                      |                      |