

ERTL ROAD #3

- 0-18' Lean oil shale, partly oxidized, tan to pink color, finely banded.
- 18'-26' Poor recovery, Mahogany Marker found in this interval, pink and grey volcanic ash. The rest of the section is grey to tan oil shale.
- 26'-32' As above, shale richer but still altered by heat.
- 32'-41' Oil shale, medium grade, dark brown to brown, finely banded, relatively unaltered. Interval of 35'-36' has 4 - 70° fractures - 4 - 65° fractures at 37'.
- 41'-52' Oil shale, rich, dark brown, finely banded, 60° fracture at 43', burned to about 1/4" into core on both sides of fracture, 60° fractures 44', 46', 47'. Burned along all fractures, 51'-52' irregularly fractured and burned.
- 52'-55' Medium-grade oil shale as above. Bedding planes at 52' and 55' are about 30°, probably cored the sides of concretionary holes.
- 55'-70' Oil shale, brown to dark brown, finely banded, fresh, medium grade, 40° fractures 66', 63', and 67'.
- 70'-71' 75° fracture, burned and weathered by water, has a clay on the surface.
- 71'-84' Oil shale, fresh, brown to dark brown, medium grade, 1" streak analcite at 71'.
- 84'-94' Oil shale, brown to dark brown, low to medium grade, near vertical fracture at 90', 60° fracture at 92'.

EXPLANATION OF SAMPLING OF ERTL ROAD #1 OIL SHALE

Each foot is numbered as a sample whether there was recovery or not. No comment regarding any sample means 100% recovery.

Sampling commenced at 96' - 3" and ended at 142' - 0". Burnt shale to 96' - 3".

Sample #6 (101' - 7" to 102' - 7")	87% recovery.
Samples #7 through #10 (102' - 7" to 106' - 7")	42% recovery.
Samples #11 through #13 (106' - 7" to 109' - 7")	93% recovery.
Samples #14 through #17 (109' - 7" to 113' - 7")	88% recovery.
Samples #20 through #26 (115' - 7" to 122' - 7")	53% recovery.
Samples #27 through #33 (122' - 7" to 129' - 7")	79% recovery.
Samples #34 through #46 (129' - 7" to 142' - 0")	57% recovery.

EXPLANATION OF SAMPLING OF ERTL ROAD #3 OIL SHALE

0' - 0" to 32' - 10" Burnt shale. Very little recovery.

Sampling commenced at 32' - 10" and ended at 94' - 0". Mahogany marker at about 18'.

Sample #6 (38' - 0" to 39' - 0")	91% recovery.
Samples #15 through #18 (47' - 0" to 51' - 0")	52% recovery.
Samples #23 through #25 (55' - 0" to 58' - 0")	62% recovery.
Samples #32 through #33 (64' - 0" to 66' - 0")	87% recovery.
Samples #38 (70' - 0" to 71' - 0")	58% recovery, due to 5' fault.
Sample #45 (77' - 0" to 78' - 0")	65% recovery due to fault 77'-7 3/4" to 79' - 3 3/4".
Sample #46 (78' - 0" to 79' - 0")	0% recovery due to above reason.
Sample #47 (79' - 0" to 80' - 02)	69% recovery due to above reason.
Sample #48 (80' - 0" to 81' - 0")	62% recovery.
Sample #53 and # 54 (85' - 0" to 87' - 0")	50% recovery due to cavity 85' - 6" to 86' - 6".
Sample #56 (88' - 0" to 89' - 0")	05% recovery due to cavity 88' - 1/2" to 90' - 1/2".
Sample #57 (89' - 0" to 90' - 0")	0% recovery due to above reason
Sample #58 (90' - 0" to 91' - 0")	95% recovery due to above reason.
Sample #61 (93' - 0" to 94' - 0")	80% recovery.

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