

CORE ANALYSIS RESULTS

Company MINNER CORPORATION Formation DAKOTA File 9103 RP-3-2618
DIAMOND-APACHE NO. 16-1 Core Type DIAMOND LF Date Report 1-15-74
WYOMING Drilling Fluid WATER BASE MUD Analysts RG
WYO HOMIDA State WYO Elev. 7219' KB Location SE NW SEC 16-T28N-R2W

Lithological Abbreviations

DOLOMITE-DOL	ANHYDRITE-ANHY	SANDY-SDY	FINE-FN	CRYSTALLINE-XLN	BROWN-BRN	FRACTURED-FRAC	SLIGHTLY-SL/
CHERT-CH	CONGLOMERATE-CONG	SHALY-SHY	MEDIUM-MED	GRAIN-GRN	GRAY-GY	LAMINATION-LAM	VERY-V/
GYPSUM-GYP	FOSSILIFEROUS-FOSS	LMY-LMY	COARSE-CSE	GRANULAR-GRNL	VUGGY-VGY	STYLOLITIC-STY	WITH-W/
SAMPLE NO.	DEPTH FEET	PERMEABILITY MILLIDARCYS	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS	
				OIL	TOTAL WATER		

(CONVENTIONAL ANALYSIS)

1	8099-00	<0.1	3.3	0.0	69.2	Silt Drk Gy V/Fn Grn Shaly	VF
2	8100-01	<0.1	3.5	0.0	42.9	Silt Drk Gy V/Fn Grn Shaly	VF
3	01-02	<0.1	1.4	0.0	64.2	Sd Gy V/Fn Grn Silic	VF
4	02-03	<0.1	1.8	0.0	66.7	Sd Gy V/Fn Grn Silic	VF
5	03-04	<0.1	1.5	0.0	80.0	Sd Gy V/Fn Grn Silic	VF
6	04-05	<0.1	1.7	0.0	82.4	Sd Gy Fn Grn Silic Sl/Carb	VF
7	05-06	<0.1	1.3	0.0	77.0	Sd Gy Fn Grn Silic	VF
8	06-07	<0.1	2.1	0.0	85.8	Sd Gy Fn Grn Silic	VF
9	8103-09	<0.1	2.1	0.0	61.8	Sd Gy V/Fn Grn Silic	VF
10	09-10	<0.1	1.8	0.0	88.9	Sd Gy V/Fn Grn Silic	VF
11	10-11	0.1	1.9	0.0	89.5	Sd Gy V/Fn Grn Silic Tr Pyr Carb	VF
12	8116-19	<0.1	1.5	0.0	86.7	Sd Gy V/Fn Grn Silic	VF
13	19-20	0.2	2.3	0.0	34.3	Sd Lt Gy V/Fn Grn Silic	VF
14	20-21	<0.1	1.5	0.0	66.6	Sd Lt Gy V/Fn Grn Silic	VF
15	21-22	<0.1	2.8	0.0	42.3	Sd Gy V/Fn Grn Silic	VF
16	22-23	0.2	2.2	0.0	36.4	Sd Gy V/Fn Grn Silic	VF
17	23-24	0.4	2.7	0.0	37.0	Sd Gy V/Fn Grn Silic	VF
18	24-25	<0.1	1.7	0.0	58.9	Sd Gy V/Fn Grn Silic	VF
19	25-26	<0.1	2.0	0.0	75.0	Sd Gy V/Fn Grn Silic	VF
20	26-27	0.1	3.7	0.0	16.2	Sd Gy V/Fn Grn Silic	VF
21	27-28	0.1	1.6	0.0	62.5	Sd Gy V/Fn Grn Silic	VF
22	28-29	0.1	2.5	0.0	32.0	Sd Gy V/Fn Grn Silic	VF
23	29-30	<0.1	1.6	0.0	50.0	Sd Gy V/Fn Grn Silic	VF
24	30-31	<0.1	2.1	0.0	47.6	Sd Gy V/Fn Grn Silic	VF
25	31-32	<0.1	1.4	0.0	57.1	Sd Gy Fn Grn Silic Sl/Carb	VF
26	32-33	<0.1	2.0	0.0	60.0	Sd Lt Gy Fn Grn Silic	VF
27	33-34	<0.1	1.6	0.0	62.5	Sd Gy Fn Grn Silic Sl/Carb	VF
28	34-35	<0.1	2.3	0.0	26.1	Sd Gy Fn Grn Silic Sl/Carb	VF
29	35-36	<0.1	1.6	0.0	50.0	Sd Gy Fn Grn Silic Sl/Carb	VF
30	36-37	<0.1	2.5	0.0	40.0	Sd Gy Fn Grn Silic Sl/Carb	VF
31	37-38	<0.1	1.9	0.0	52.6	Sd Gy Fn Grn Silic Sl/Carb	VF
32	38-39	<0.1	1.7	0.0	58.9	Sd Gy Fn Grn Silic Sl/Carb	VF
33	39-40	<0.1	1.5	0.0	66.6	Sd Gy Fn Grn Silic Sl/Carb	VF
34	40-41	<0.1	2.2	0.0	34.7	Sd Gy Fn Grn Silic Sl/Carb	VF

VF - Vertical Fracture