

OIL SHALE CORE DESCRIPTION

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	DEPTH	LITHOLOGY	COLOR					BEDDING		EST. RICHNESS		CALCAR- OUSNESS		ACCE- SSORY		MISC.			REMARKS						
			TAN	GRAY	BROWN	GRY-BRN	BLACK	OTHER	LAM.	CONTOUR.	OTHER	POOR	FAIR	MOD.	RICH	SLIGHTLY	MODERATELY	VERY		PYRITE	SALINE MIN.	CARBON	FOSSILS	VUGS	FRACT.
Core #1 wt 19.1 Sec 19.1	361.0	0:1 sh																							
	366.9	0:1 sh																							
	368.0	0:1 sh																							
	372.0	0:1 sh																							
	372.7	Tuff	1																						
	374.8	0:1 sh																							
	377	0:1 sh																							
	378.5	0:1 sh																							
380.1																									
Core #2 wt 20.0 Sec 19.7	380.1	0:1 sh																							
	389.9	0:1 sh																							
	391.9	0:1 sh																							
	397.1	0:1 sh																							
	398.1	0:1 sh																							
	399.8																								
Core #3 wt 19.95 Sec 19.25	400.1	0:1 sh																							
	401.0	0:1 sh																							
	403.1	0:1 sh																							
	403.9	0:1 sh																							
	406.1	0:1 sh																							
	410.9	marls/ln																							
	415.6	0:1 sh																							
	417.7	0:1 sh																							
	418.7	0:1 sh	1																						
	420.05																								
Core #4 wt 19.95 Sec 19.25	420.05	0:1 sh																							
	422.7	0:1 sh																							
	424.7	0:1 sh																							
	426.8	0:1 sh																							
	428.0	0:1 sh																							
	428.9	0:1 sh																							
	433.8	Tuff																							
	435.2	0:1 sh																							
	437.2	0:1 sh																							
	438.8	0:1 sh																							
	439.9																								
Core #5 wt 19.85 Sec 19.25	440.0	0:1 sh																							
	441.6	0:1 sh																							
	450.1	0:1 sh																							
	450.6	0:1 sh																							
	452.3	Tuff																							
	452.5	0:1 sh																							
	454.2	0:1 sh																							
	454.5	0:1 sh																							
	454.8	0:1 sh																							
	457	0:1 sh																							
459.45																									

Tan shly streaks ✓

3 Kicks

Hgt - Tan

Thin 1" gy tuff 419.7

multi colored

Mahogany Marls Tan shly inclusions in clay

Some Thin Tan Streaks

OIL SHALE CORE DESCRIPTION

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	DEPTH	LITHOLOGY	COLOR TAN GRAY BROWN GRY-BRN BLACK OTHER LAM.	BEDDING CONTOUR OTHER POOR FAIR MOD. RICH	EST. RICHNESS	CALCAR- OUSNESS SLIGHTLY MODERATELY VERY	ACCE- SSORY PYRITE SALINE MIN. CARBON FOSSILS	MISC. VUGS FRACT. BRECCIA	GULF MINERAL RESOURCES CO. WELL BONAVENZA 19 LOCATION _____ REMARKS
Core #6	459.85	Oil Sh	X	X					
	460.5	Oil Sh		X					
	462.3	Oil Sh		X					
	479.8	Oil Sh		X					
	cut 19.7	Oil Sh	X	X					
	Rec 19.95	Oil Sh		X					
from last Core	468.5	Oil Sh	X	X					468.9 - 469.5 - 3 thin contorted tuffs
	471	Oil Sh	X	X					
	473.3	Oil Sh		X					
	474.8	Oil Sh		X					
	478	Oil Sh		X					
	479.8								
Core #7	479.8	Oil Sh	X	X					
	481.1	Oil Sh		X					
cut 18.9'	485.4	Oil Sh		X					
Rec 18.9'	486.3	marlstone	X	X					a few thin tan oil sh strats
	489.5	Oil Sh	X	X					
	490.5	Oil Sh		X					
	490.7	Oil Sh	X	X					
	491.1	marlstone	X	X					
	491.8	Tuff	X	X					dkgg ✓
	492.1	marlstone	X	X					
	493.0	Oil Sh	X	X					1-3/4" gy Tuff 493.9
	493.5	Oil Sh	X	X					many Tan - Thin laminae
	499.9	Marlstone	X	X					
	497.0	Oil Sh		X					
	497.6	Oil Sh	X	X					
	498.2								
		END OF CORE							