

SEC. 13 TWP. 10S RGE. 24E LOCATION SW 1/4, NW 1/4
FARM Evacuation NO. #1 ELEVATION 5292
OWNER GULF Mineral Resources STATE Utah COUNTY Uintah
SAMPLES FROM 60 TO 220 EXAMINED BY Malone, A.D.G. & B. DATE 12-12-71

FROM	TO	LITHOLOGIC DESCRIPTION, FORMATION AND REMARKS
60	65	SS, v.f. (silty), lt. gy., carbon (2), slightly mic, redish pink and green mineral grains (pink dominate), dolomit.
65	70	SS, f-v.f., lt. gy., sub rnd, carb (2), otherwise as above
70	75	SS, f-v.f. as above and — SS f, sub rnd, carb (2) same pk and grn mineral grains, both sands dolomit.
75	80	SS, med, wh - whgy, sub ang, pyrite (2), 15% of grains are red, grn, yell, amber, or grains of accessory minerals, carbon (2), slightly micaceous, dolomitic
80	85	SS, as above
85	90	SS, f, lt whgy, sub ang, carbon (3), pyrite (2), some access. minerals, Dolomitic
90	95	SS, f-med, lt. gy., sub rnd, carbon (2), otherwise as above
95	100	SS, as above
100	105	AA carbon (3)
105	125	AA
125	130	SS, f, med, grey, ^{to lt red} sub angular, carbon (2) 10% accessory sp. grn, pink, red grains, to biotite
130	150	SS, f, med, grey, to lt red, carbon (3), occasional AA
150	160	SS, f, med, grey, occasional AA + quartzite, carbon (2)
160	165	SS - f. to v.f. silty, lt. gy. salt pepper, v. sh. dolomitic
165	170	SS - as above, w/ sh - tan - gy, silty.
170	175	Sh - tan - gy, silty, w/ silty - lt. gy, mic, occasional
175	180	Silt - gy, some tan, tr. Sh - tan, silty.
180	185	Silt - gy to SS - v.f., lt. gy., v. sh. dolomitic
185	190	SS - f. to v.f., lt. gy., mic, carb.
190	195	SS - f. to v.f., w/ sh - tan, silty - gy & tan, tr. tan, silty, sh.
195	200	Silt - lt. - m. gy., sh. dol., micaceous, tr. carbon
200	205	Silt - lt. gy., mica, carbon material,
205	210	Silt - as above, tr. Sh - gy - tan, silty.
210	220	Silt - gy, mic, carbon, w/ increase in gy - tan, silty sh.

SEC. 13 TWP. 10.5 RGE. 24E LOCATION _____
FARM Evacuation NO. #1 ELEVATION 5292
OWNER GULF STATE Utah COUNTY Uintah
SAMPLES FROM 220 TO 385 EXAMINED BY _____ DATE 12-12-71

FROM	TO	LITHOLOGIC DESCRIPTION, FORMATION AND REMARKS
220	225	Shale - tan, some silty, tr. sh - reddish-bn.
225	230	Sh - tan, cm, red-bn, some silty, some pyrite
230	240	Silt - tan, mic, tr. carbon.
240	250	Silt - gy-tan, mica, some carbon, tr. pyrite
250	255	Marl - tan, dolomitic, some sh silty
255	260	Marl - tan, some lt. red-bn, dolomitic, sh silty.
260	265	Marl, LT RED-BROWN, DOLOMITIC, COMMON PYRITE, TR CARBON
265	270	Marl, RED-BROWN, DOLOMITIC, TR PYRITE, CARBON
270	275	Marl, LT RED-BROWN, DOLOMITIC, SUBORDINATE SLTST, SANDY, LT GRAY
275	280	Marl, LT RED-BROWN, DOLOMITIC, PYRITE COMMON
280	285	Marl, RED-BROWN, DOLOMITIC, TR PYRITE
285	290	AA
290	295	AA
295	300	AA
300	305	Sample missing
305	310	marlstone, rd brn, tr carbon - (30%) *oil sh, blk - dk purplish brn (5-10% oilsh)
310	315	marlstone, rdgy, tr carbon, dolomitic
315	320	marlstone, lt brn gy - rd brn - Some probably oil, enough to be classified oil shale, and * oil sh (< 5%), dk brn to blk
320	325	marlstone, rd brn - minor gy silt, tr carbon *oil sh 40% dk purplish brn - blk purplish
325	330	marlstone, lt pink brn, dolomitic
330	335	Marlstone - bn-tan, tr. wh-lgy siliceous buff
335	340	Tuffaceous Silt - wh-tan-ltgy, glass shards
340	345	Tuff - white ltgy, black shards
345	350	Marl - tan to lt. reddish brn, sh dolomitic
350	355	Marl. or Dol. - tan to lt. reddish brn
355	360	Marl - tan to reddish-bn, dolomitic
360	370	Oil shale - bn to dk. brn, dolomitic, oily appearance
370	375	Marl - tan to bn, dolomitic, tr. pyrite
375	380	Marl - tan to lt. brn, tr. oil sh - bn-bk
380	385	Marl - tan to lt. brn, tr. oil sh - bn-bk

Evac.
Creek

Tip
#2
5 1/2"

SEC. 13 TWP. 10S RGE. 24E LOCATION _____
FARM Evacuation NO. #1 ELEVATION 5292
OWNER Gulf STATE Utah COUNTY Uintah
SAMPLES FROM 385 TO 1190 EXAMINED BY _____ DATE _____

FROM	TO	LITHOLOGIC DESCRIPTION, FORMATION AND REMARKS
385	390	Marl - H. br, dolomitic
390	395	Marl - tan to H. br, dol, varve L
395	400	Marl - tan, dolomitic, tr. pyrite.
400	405	MARL - RED-BROWN, ^{DOLOMITIC} TR OIL SHALE, BLACK, TR PYRITE
405	410	MARL - TAN, SM RED-BROWN, DOLOMITIC
410	415	MARL - RED BROWN, DOLOMITIC, 10% OIL SHALE, BLK,
415	420	MARL - RED BROWN, DOLOMITIC, SM TAN
420	425	AA + TR OIL SHALE
425	430	AA, TR OIL SHALE, TR TUFF, WHITE
430	435	MARL, RED-BROWN, TR TAN, DOLOMITIC, TR TUFF, WHITE
435	440	MARL, LT RED-BROWN, TAN, DOLOMITIC, TR PYRITE
440	445	MARL, RED-BROWN, 40% TAN, DOLOMITIC, TR PYRITE, OIL SH. ^{BLK}
445	450	MARL, RED-BROWN, SM TAN, DOLOMITIC, TR CARBON
450	455	MARL, DR RED-BROWN, TR TAN, DOLOMITIC, TR PYRITE
455	460	AA, TR OIL SHALE
460	465	AA
465	899	CORE (SEE CORE DESCRIPTION SHEETS)
900	950	PROB AA, POOR SAMPLES, CONTAMINATED W/ SURFACE SAND
950	955	OIL SH, RED-BRN, SM TAN, DOLOMITIC, TR PYRITE, CARBON
955	975	MARLSTONE, RED-BRN, ^{SLTY} SM TAN, TR BLK, DOLOMITIC, TR PYRITE, CARBON
975	1005	MARLSTONE, BRN, TAN, DOLOMITIC, TR PYRITE, CARBON
1005	1010	MARLSTONE, GRY, SM TAN, TR PURPLISH BLK OIL SH, TR PYRITE, CARBON
1010	1030	MARLSTONE, BRN, SM TAN, GRY, TR PURPLISH BLK OIL SH, TR PYRITE, CARBON
1030	1050	MARLSTONE, TAN, SM BRN, TR PYRITE, CARBON
1050	1055	No SAMPLE
1055	1070	MARLSTONE, BRN, SM TAN, TR GRY, CARBON
1070	1085	MARLSTONE, TAN, GRY, DOLOMITIC, CARBON, PYRITE
1085	1155	MARLSTONE, GRY, LT BRN, DOLOMITIC, CARBON, PYRITE
1155	1160	MARLSTONE, TAN, SM LT BRN, TR GRY, DOLOMITIC, CARBON, PYRITE
1160	1185	MARLSTONE, GRY, SM LT BRN, TR RED, DOLOMITIC, CARBON, PYRITE
1185	1190	MARLSTONE, RED-BRN, SM GRY, DOLOMITIC, TR OIL SH, CARBON, PYRITE

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SAMPLES FROM 1190 TO 1250 EXAMINED BY E. A. F. B. J. DATE

FROM	TO	LITHOLOGIC DESCRIPTION, FORMATION AND REMARKS
1190	1195	NO SAMPLE
1195	1200	MARLSTONE, GRAY, SM LT GRN, TR CARBON, PYRITE
1200	1210	MARLSTONE, GRY-BRN, SM TAN, RED, DOLOMITIC, TR PYRITE, LENS
1210	1215	MARLSTONE, TAN, SM GRY, DOLOMITIC, TR CARB, PYR,
1215	1220	MARLSTONE, GRY-BRN, TR RED, DOLOMITIC, TR CARB, PYR, SILICIFIED
1220	1225	AA, NO SILICIFIED
1225	1230	AA
1230	1235	MARLSTONE, GRY-BRN, SM TAN, DOLOMITIC, TR PYR, CARB
1235	1250	MARLSTONE GRY, SM GRY-BRN, DOLOMITIC, TR PYR, CARB
		T.D. = 1250'