

Sample Depths	Sample Descriptions (Type, color, texture, etc.)
180-184	Dolostone, lt. gray, white, lt. pink; scattered black dolomitic chips (cavings) less than 5%.
184-188	as above
188-192	as above, minor sandy textures.
192-197	as above
197-202	" "
202-227	Sample Gap.
227-228	Dolostone, buff to pink, more xtalline than above.
228-230	Dolostone as above, 30% blk & gray chips
230-238	as above
238-246	" "
246-248	" ", becoming redder
248-250	Dolostone, red to pink, sugary
250-254	as above
254-258	Dolostone, buff to pink, as above
258-262	as above
262-268	" " , with white dolostone also
268-271	as above
271-275	Dolostone, lt. gray to pink
275-283	Dolostone, lt. gray
283-290	Dolostone, lt. pink, 20% gray as above
290-297	Dolostone, white & pink banded bedding, xtalline
297-302	as above
302-305	" " , 10% gray, silty shale
305-308	" " , tr. pyrite
308-313	Dolostone as above, 20% siltstone, tr. conglomerate (breccia) (dolostone pebbles, shale matrix)
313-318	as above
318-329	Limestone, white, thin-bedded, with blk. shale partings, disturbed
329-344	Shale, black, calcareous, 30% limestone as above
344-368	as above, tr. slickensides
368-386	as above, no "
386-406	" "
406-411	" " , white limestone content decreasing
411-431	Shale as above, white calcite veinlets as fracture fill, occasional shale fragments in white calcite
431-438	as above, tr. slickensides
438-445	as above, tr. slickensides
445-452	as above
452-459	" "
459-478	" " , tr. slickensides, white calcite veinlets increasing
478-498	" "
498-523	" " , tr. slickensides
523-543	" "
543-553	" " , white calcite decreasing
553-566	" " , " " "
566-593	" " , " " "
593-615	" "
615-629	Shale, black, silty, slightly dolomitic (loss of shale carbonate content)
629-643	as above
643-658	" "
658-660	Sample Gap
660-698	Shale, black, calcareous, about 20% wht. calcite vein fill
698-740	as above
740-840	" "
840-934	" "
934-944	Sample Gap
944-948	Shale as above, slightly calcareous, becoming fissile
948-950	as above, 20% wht. calcite veinlets, 10% quartz grains, clear, (rounded to angular)
950-955	" " , some appears silty, some calcite is fibrous, white calcite content decreasing
955-962	" " , in
962-968	" " interval loss of clear qtz. grains
968-974	" " , 5% white calcite, tr. shale, gray, soft
974-982	" "
982-995	" "
995-1002	" "
1002-1020	2 Sample bags missing
1020-1033	Shale, black, slightly calcareous, 5% wht. calcite vein fill
1033-1041	Sample Gap

Sample Depths	Sample Descriptions (Type, color, texture, etc.)
1041-1049	Shale, very dark gray to black, carbonate content variable, tr. quartz, clear grains, iron stained
1049-1059	as above
1059-1068	" "
1068-1088	Sample Gap
1088-1098	Sh. as above, softer, decrease in calcite content of shale, fiss
1098-1110	Sample Gap
1110-1125	as above
1125-1135	" " , increase in wht. calcite veinlets
1135-1145	" "
1145-1155	" " , tr. slickensides
1155-1175	" "
1175--187	" "
1187-1199	" " , wht. calcite decreasing
1199-1224	" " , tr. wht. calcite
1224-1239	" " , 5% wht. calcite
1239-1250	Shale, black, moderately fissile, tr. wht. calcite, variable carbonate content in shale
1250-1261	as above
1261-1276	" "
1276-1290	" " , 10% wht. calcite
1290-1310	" " , some shale dk. gray
1310-1333	" " , all shale black
1333-1343	" "
1343-1353	Shale, dk. gray, moderately fissile, slightly calcareous
1353-1363	as above
1363-1374	" "
1374-1389	" " , shale carbonate content variable
1389-1404	" " , very dk. gray to black, sh. carbonate content variable
1404-1420	" "
1420-1433	" "
1433-1443	" " , 5% white calcite
1443-1454	" "
1454-1466	Shale, black, moderately fissile, sh. carb. content variable (appears less calcareous than above)
1466-1477	as above
1477-1489	" "
1489-1504	" " , remains slightly calcareous
1504-1517	" " , 20% wht. calcite veinlets
1517-1536	" " , 10% " " " " , sh. carb. content variable
1536-1550	as above
1550-1567	" "
1567-1586	Shale as above, 5% wht. calcite veinlets, smaller carb. content
1586-1599	Sample Gap
1599-1610	as above
1610-1626	" "
1626-1640	" "
1640-1655	Shale as above, 5% wht. calcite veinlets, sh. very slightly calcareous
1655-1663	as above
1663-1675	Sample Gap
1675-1702	Shales, dk. gray and black, 55% blk. as above, 40% dk. gray sh. silty, calcareous; 5% wht. calcite veinlets
1702-1721	as above
1721-1732	" " , shale carbonate content increasing
1732-1755	" " , " " " decreasing, tr. wht. calcite
1755-1763	" " , " " " very low, " " "
1763-1775	" "
1775-1783	" " , " " " variable, 5% " "
1783-2010	Large Sample Gap

↑ gradual
change ↓

Sample Depths	Sample Descriptions (Type, color, texture, etc.)
2010-2030	Shale, black, moderately calcareous, tr. wht. calcite veinlets
2030-2041	as above
2041-2055	" "
2055-2067	" "
2067-2079	" "
2079-2097	" "
2097-2129	" "
2129-2140	" " , tr. pyrite
2140-2152	Shale as above
2152-2161	as above
2161-2171	" "
2171-2180	" "
2180-2194	" "
2194-2210	" "
2210-2226	" "
2226-2236	" "
2236-2238	" " , shale carbonate content increasing
2238-2251	as above
2251-2261	" "
2261-2271	" "
2271-2284	" "
2284-2296	" "
2296-2308	Shale, black, mod. fissile, sh. carb. content variable, tr. calcite
2308-2321	Shale, black, " " , calcareous, tr. calcite
2321-2331	" "
2331-2343	" "
2343-2353	" "
2353-2365	" "
2365-2380	" "
2380-2390	Sample Gap
2390-2412	Shale as above
2412-2425	as above
2425-2438	" "
2438-2440	" "
2440-2448	" "
2448-2463	" "
2463-2470	" "
2470-2495	Sample Gap
2495-2510	Shale as above
2510-2521	as above
2521-2531	" "
2531-2535	" "
2535-2542	Shale, black, mod. fissile, 5% wht. calcite veinlets, slickensides shale carbonate content variable
2542-2553	Shale, calcareous as above, 5% wht. calcite
2553-2563	Shale as above, tr. white calcite veinlets
2563-2575	as above
2575-2587	" "
2587-2598	" "
2598-2618	" "
2618-2633	" "
2633-2649	" "
2649-2662	" " , shale carbonate content variable
2662-2672	Shale, black, more fissile, calcareous, tr. wht. calcite
2672-2683	as above
2683-2691	" "
2691-2700	" "
2700-2709	" "
2709-2717	" "
2717-2729	" "
2729-2739	" "
2739-2746	" "
2746-2757	" "
2757-2765	" "
2765-2775	" "
2775-2789	" " , slickensides (in the shale, not in the calcite)
2789-2803	" "
2803-2819	" "
2819-2829	" "
2829-2840	" "
2840-2848	" "
2848-2860	" "

Sample Depths	Sample Descriptions (Type, color, texture, etc.)
2860-2868	Shale, black, fissile, calcareous, 10% wht. calcite veinlets
2868-2874	Shale as above, 5% wht. calcite
2874-2887	as above
2887-2897	" "
2897-2907	" "
2907-2917	" "
2917-2927	" "
2927-2932	Shale as above, tr. wht. calcite
2932-2943	" " " , 5% " "
2943-2952	" " " , tr. " "
2952-2960	" " " , 10% " "
2960-2965	" " " , 5% " "
2965-2973	Sample Gap
2973-2993	Shale as above, tr. " "
2993-3009	as above
3009 to 4001	Large Sample Gap
4001-4010	Shale, black, calcareous, fissile, tr. wht. calcite vein fill
4010-4021	as above
4021-4034	" "
4034-4046	" "
4046-4056	" "
4056-4070	" "
4070-4085	" "
4085-4100	" "
4100-4110	" "
4110-4127	" "
4127-4147	" "
4147-4157	Shale as above, shale carbonate content increasing
4157-4167	Shale, black, very calcareous, moderately fissile, tr. wht. calc
4167-4180	as above
4180-4190	" "
4190-4209	" "
4209-4219	" "
4219-4231	" "
4231-4241	" "
4241-4253	" "
4253-4267	" "
4267-4672	" "
4272-4287	Shale as above, 5% wht. calcite veinlets
4287-4296	" " " , tr. " " "
4296-4306	as above
4306-4322	" "
4322-4336	" "
4336-4356	" " , tr. slickensides
4356-4367	Shale, black, very calcareous, mod. fissile, tr. wht. calcite
4367-4379	as above
4379-4388	" "
4388-4398	" "
4398-4410	" "
4410-4422	" "
4422-4432	" "
4432-4452	" "
4452-4465	" "
4465-4471	Shale as above, 10% wht. calcite, only slightly fissile
4471-4478	" " " , 20% " "
4478-4485	" " " , 5% " "
4485-4497	as above, tr. slickensides
4497-4503	" " , tr. slickensides
4503-4507	Shale, black, very calcareous, slightly fissile, tr. wht. calcit
4508-4515	as above
4515-4532	" "
4532-4540	" "
4540-4550	" "
4550-4564	" "
4564-4575	" "
4575-4585	" "
4585-4605	" "
4605-4614	" "
4614-4655	Sample Gap

Sample Depths	Sample Descriptions (Type, color, texture, etc.)
4655-4660	Shale, black, very calcareous, slightly fissile, tr. wht. calcite 5% combination hematitic arkose & (tr.) pink dolostone
4660-4662	as above, tr. pyrite
4662-4666	Shale as above, tr. arkose & dolostone (as above), tr. pyrite
4666-4668	Shale as above, tr. dolostone, tr. wht. calcite veinlets
4668-4673	Shale, black, very calcareous, slightly fissile, tr. wht. calcite (a few chips per bag)
4673-4686	as above
4686-4689	" "
4689-4702	" "
4702-4713	" "
4713-4914	" " , Note: this interval represents 16 samples
4914-4926	50% shale as above, 50% Dolomite, white with a green tint, xtalli tr. pyrite, tr. slickensides
4926-4934	80% shale as above, 20% dolomite as above
4934-4944	Shale, as above, 5% wht. calcite vein fill
4944-4962	as above
4962-4972	" "
4972-4978	75% shale as above, 25% wht. dolomite as above
4978-4986	Sample Gap
4986-4992	Shale, black, very calcareous, slightly fissile, tr. wht. calcite tr. slickensides
4992-5006	Shale as above, 5% wht. calcite
5006-5014	as above
5014-5020	70% shale as above, 10% shale, dk. gray, moderately calcareous, 10% wht. calcite, 10% dolomite, white as above
5020-5030	Shale, black as above
5030-5036	Shale as above, 20% dolomite as above
5036-5052	" " " , 2% wht. calcite, tr. dolomite as above
5052-5067	" " " , tr. " "
5067-5071	as above
5071-5075	" " , tr. pyrite

TD 5075 ft.