

CORE RECORD

Core No.	Depth	Rec.	
1	1857-1862	4'	Top piece: Dk br. hard cryotoxline dolomite and f. sucrose dolomite w/angular pieces hd dolomite. Bot 4': Dk br to black very porous cryotoxline dol w/black to clear f. sucrose (drusy) dol and tan soft clayey dolomite in cavities of porous pieces. Porosity varying from f. sucrose to large cavities. Chunks of tan dol in some pieces of the core.
2	1909-1914	4'	Top, Mid, Bot: Tan hd porous f. sucrose falif dol. Fossils evident as casts only.
3	1964-1970	3 1/2'	Top, Mid, Bot: Tan hd f. sucrose porous dol. Porosity varying from fairly compact to honeycomb.
4	2020-2025	1'	Creamy white friable unctuous chalky-looking dol. Some of this core is laminated and had a blocky appearance. Noticeable were two or three very thin laminae of black pyrite crystals.
5	2075-2080	2'	Top 1': Tan hard porous falif xline to f. sucrose dol. Porosity varying from broken jointing appearance to honeycomb. Bot 1': Tan hd dense broken dol in a dk gray honey combed v. broken dol.
6	2130-2135	4'	Top 4": Br hd compact sucrose dol. 2nd 6": Gray hd dense broken limy dol w/strks gyp. 3rd 6": Lt gray hd porous gypsf. v. falif broken dol (Very slately-looking). 4th 9": Dk gray speckled porous (Honeycombed) hd v. falif. gypsf dol w/strk gyp. 5th 23": Creamy tan hd finely granular v. falif gypsf dol ls w/strks dk gray hd honeycombed dol.
7	2185-2190	4 1/2'	Top 5": Cream porous oolitic v. falif gypsf dol ls. 2nd 12": Gray hd gypsf slately-looking dol. 3rd 16": Cream porous oolitic v. falif-gypsf dol ls. Bot 21": Grayish tan porous v. falif gypsf dol ls w/strks gyp.
8	2240-2245	4'	Top 8": Cream & gray speckled oolitic med hd v. falif gypsf dol ls. Mid 36": Gray hd gypsum w/scattered frags of dol as below. Bot 4": Tan med f gr dol (rhombs) ls w/strks gypsum.
9	2295-2300	5'	Top, Mid, Bot: Gray hd gypsum in broken tan hd f gr falif dol ls.
10	2350-2355	5'	Top, Mid, Bot: Gypsum in tan broken falif f gr dol ls.
11	2405-2411	5'	Top 8": Gray gypsum. Bot 52": Tan speckled v. gypsf & v falif dol ls. This formation drilled easily but was very hd to break w/a hammer. Has oolitic appearance. Fossils are tan & dolomitized wh ls frags. Gray gyp cementing all this together into a solid rock, causing speckled appearance.

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12	2449-2454	5'	Top 18": Anhydrite w/broken strks tan dol. 2nd 18": Top piece - Gray f. gr finely porous v. fslif anhydritic dol in anhydrite. Bot: Tan finely granular anhyd. dol. 3rd 12": Tan hd f sucrose anhyd. dol ls. 4th 12": Gray hd porous f xline laminated dol w/gray wh soft f. gr. dol chalk.
13	2480-2485	14'	Top 3': Tan speckled pseudo-cocquina v. fslif anhydritic dol ls. A miliolid cocquina-appearing ls filled w/anhydrite. 2nd 3': Similar but less cocquina appearance. 3rd 2': Gray f. gr. dense dol w/anhydrite (has earthy appearance). 4th 3': Same as Top 3'. 5th 18": Same as 3rd 2' w/fsl. molds. 6th 18": Same as Top 3'.
14	2545-2550	5'	Top, Mid, Bot: Gray brittle f. gr. earthy appearing fslif v. anhydritic dol. Slightly porous, but not permeable. Borelis present.
15	2600-2605	4'	Top, Bot: Same.
16	2645-2650	5'	Top, Mid, Bot: Gray earthy appearing fslif. v. anhydritic dol.
17	2685-2700	10'	Top, Mid, Bot: Tan well indurated porous granular anhydritic dol ls.
18	2700-2710	6"	Gray earthy dol w/piece br hd dol. This may be cuttings rather than actual core.
19	2710-2720	1'	Tan sucrose anhydritic dol w/strks anhydrite.
20	2720-2730	2'	Top 6": Tan miliolid cocquina-like anhydritic dol ls w/strks gray earthy dol ls containing lignitic plant remains. Bot 18": Tan porous anhydritic dolomitic cocquina ls w/strks anhydrite.
21	2730-2740	3'	Top and Bot: Gray moldic anhydritic f. gr. dol w/strks of anhydrite.
22	2740-2750	3'	Same.
23	2750-2760	2'	Top & Bot: Tan & gray md moldic anhydritic f. gr dol w/strks of anhydrite.
24	2760-2770	3'	Same.
25	2770-2780	2'	Same.
26	2780-2790	2'	Top & Bot: Gray & tan hd anhydritic f. gr. dol, partially fslif, partially moldic; w/1/2" strk gray earthy dol in bottom foot.
27	2790-2800	1'	lt gray to dk gray hd moldic compact anhydritic f. gr dol w/strks anhydrite.
28	2800-2810	4'	Top, Mid, Bot: Tan & gray hd moldic anhydritic fslif f. gr. dol.
29	2810-2820	2"	Tan & gray hd moldic anhydritic fslif f. gr. dol.
30	2820-2830	2 1/2'	Same.
31	2830-40	2 1/2'	Dk gray hd moldic anhydritic dol w/strks anhydrite.

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32	2840-2850	3' Gray hd moldic anhydritic dol.
33	2850-2860	2½' Gray & tan hd moldic anhydritic dol in strks.
34	2860-2870	2½' Top 1½': Same. Bot 1': Tan compact lignitic anhydritic felif f. gr. dol ls w/strks anhydrite.
35	2870-2880	1½' Top & Bot: Tan hd moldic anhydritic f. sucrose dol w/strks anhydrite.
36	2886-2896	9½' Top 2': Cream hd felif anhydritic lignitic dol ls. 2nd 3': Same. Bot 1½': Cream-tan hd felif moldic anhydrite lignitic dol ls w/casts of macrofals & strks of anhy.
37	2896-2906	2½' Top 1½': Tan hd v. moldic anhy. f. gr. dol w/strks anhydrite. Bot 1': Tan-cream hd fel v. lignitic anhy. dol ls w/anhy strks.
38	2906-2916	6½' Top 4": Gray hd anhydritic dol ls. Mid 50": Wh anhydrite w/strks cream anhy. ls. Bot 12": Cream hd dense felif anhy. ls.
39	2916-2925	3' Wh felif anhy ls w/strks anhy.-Top 3' 2nd 2': Wh felif anhy ls. 3rd 2': Same. 4th 2': Same. Bot 2': Same; casts look like Leps?
40	2925-2935	9½' Top 3': Wh hd anhy ls. Mid 3': Wh hd anhy felif ls. Bot 3½': Same.
41	2935-2945	5' Top, Mid & Bot: Wh hd moldic v anhy ls slightly fol.
42	2945-2955	2' Top & Bot: Gray wh hd anhy fel dol ls.
43	2955-2965	2½' Top & Bot: Tan hd moldic anhy dol ls.
44	2965-2975	2' Top & Bot: Same.
45	2975-2985	2' Top & Bot: Same.
46	2985-2995	2' Top & Bot: Tan moldic anhyd dol.
47	2995-3005	2' Top & Bot: Same w/anhydrite stks.
48	3005-3015	2' Top & Bot: Tan-br hd f sucrose moldic anhyd dol.
49	3015-3025	3' Top & Bot: Tan f sucrose moldic dol.
50	3025-3035	2' Top: Br hd f sucrose anhyd lignitic dol. Bot: Tan hd fel chalky dol. <u>Leps?</u>
51	3035-3045	2' Top & Bot: Wh hd anhyd felif dol chalk w/strks gummy chalk.
52	3045-3055	18" Top & Bot: Same.
53	3055-3065	9' Top, Mid & Bot: Wh hd felif dol chalk.
54	3065-3075	1' Wh hd dol felif chalk.
55	3075-3085	1' Wh soft felif dol chalk w/hd strks of dol chalk.
56	3085-3095	6" Same.

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57	3095-3105	18"	Tan hd anhyd fslif f. sucrose dol ls.
58	3105-3115	18"	Same.
59	3115-3125	2'	Top & Bot: Same but less dolomitic.
60	3125-3135	1'	Wh soft dol. chalk.
61	3135-3145	1'	Tan soft dol chalk.
62	3145-3155	6"	Tan hd dol. chalk.
63	3155-3165	0'	
64	3165-3175	1'	Wh gny dol. chalk.
65	3175-3185	1'	Same w/dol. rhombs.
66	3243-3253	1'	Wh gny chalky w/strks anhydrite & tan dol. ls.
67	3303-3313	1'	Same.
68	3366-3370	6"	Wh gny chalk, wh dol ls tan sucrose dol & anhydrite.
69	3420-3425	6"	Same.
70	3521-3523	2'	Wh hd fsf calcitic chalk w/some anhydrite and dol. present.
71	4144-4150	1'	Wh gny chalk w/thin stringers of white hd chalk carrying dol. rhombs.
72	4385-4395	10'	Gray wh fslif f. dol (rhombs) pyritic chalk w/ lignitic marly shale strks. w/4" strk 2' below top of core was black laminated marly shale w/ broken frags. of tan dol. 1/2" strk 2' above bottom of core was similar to shale strk above but had earthy appearance and was not laminated.
73	4445-4455	9'	Gray wh fsf f. dol (rhombs) chalk w/thin strks of gray black marly shale every few inches.
74	4481-4491	5'	Gray wh hd f. dol fslif chalk w/gray marly shale strks bearing broken tan dol & fsf.
75	4491-4501	8'	Top 2': Same. Mid 4': Same. Bot 2': Gray hd dol. chalk.
76	4501-4511	2 1/2'	Top: Gray hd dol. chalk w/strk black marly shale w/broken dol. Bot: Gray wh dol chalk.
77	4511-4521	7'	Top 2': Wh & gray hd f. dol. fslif chalk w/1" strk black fissile dol shale one ft. below top of core. 2nd 2': Wh & gray hd f. dol fslif marly chalk. 3rd 2': Same. Bot 1': Gray to bl fissile dol fslif shale w/thin laminae of gray chalk and gray marly chalk.
78	4521-4529	2 1/2'	Gray & wh dol fslif chalk w/thin strks black fsf shale.
79	4529-4539	10'	Gray & wh hd f. dol fslif chalk w/only one thin black argil shaley parting.
80	4539-4549	4'	Same.

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81	4549-4559	2'	Same w/gmy chalk.
82	4559-4569	3'	Same w/gray marly dol strk.
83	4569-4579	1'	Gray & wh spotted hd f. dol fsl chalk. and gray gmy chalk.
84	4579-4589	1'	Same.
85	4589-4599	1'	Same.
86	4599-4609	1'	Same.
87	4609-4615	2'	Same.
88	4615-4625	6"	Soft gmy chalk w/1" strk black bituminous shale.
89	4625-4635	1'	Same chalk w/shale partings.
90	4635-4645	2'	Same.
91	4645-4655	1'	Gray dol chalk w/shale partings.
92	4655-4665	1'	Same.
93	4665-4675	10'	Top, Mid & Bot: Same w/thin strks black lignitic shale.
94	4675-4685	10'	Same.
95	4685-4695	5'	Same.
96	4695-4705	10'	Same.
97	4705-4715	3'	Same.
98	4715-4720	4½'	Top 1': Gray hd pyritic calcareous chalk. Mid 2½': Gray hd chalky shale. Bot 1': Lt gr hd calcareous shale.
99	4720-4730	10'	Gray hd pyritic calcareous shale.
100	4730-4740	8'	Top, Mid: Dk gray hd pyritic shale w/concoidal fracture. Bot 2': Gray wh hd f. xline pyritic anhydritic (?) chalk.
101	4740-4750	9'	Top 5': Gray spotted hd pyritic calcareous shale. 2nd 1': Dk gray pyritic shale. 3rd 1': Wh hd f. dol. (rhombs abundant) anhyd. f. xline ls. Bot 1': Dk gray hd calcareous shale w/stk bl. fissile bituminous shale.
102	4750-4760	8'	Top 1': Gray hd f. dol chalk. 2nd 2': Gray chalk & gray speckled shale w/stks bl bituminous shale. 3rd 3': Same w/spotted shaley chalk. Bot 2': Gray spotted calcareous shale & black fissile bituminous shale strk.
103	4760-4770	10'	Gray hd-f. dol (rhombs) f. xline ls w/stks gray shale and black shale partings.
104	4770-4780	9'	Top 8': Same. Bot 1': Dk gray hd argillaceous ls & bl speckled calcareous shale.

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105	4780-4790	6' Top 2': Dk gray hd argil ls. Mid 2': Gray hd speckled calc. shale. Bot 2': Gray spotted calc shale & black carbonaceous shale strk w/plant remains.
106	4790-4800	4' Top 2': Dk gray hd dol calc shale w/ bl lig partings. Mid 1': Wh argil anhyd chalk w/lignitic stains. Bot 1': Dk gray hd calc shale.
107	4800-4810	10' Top 1': Gray hd calc spotted pyritic w/thin lenses of f. gr xline ls. Mid 4': Gray hd argil ls w/thin strks lignitic shale partings. Bot 5': Gray hd ls & gray calc shale intermingled w/bl lignitic stains.
108	4810-4820	10' Top 4': Gray argil ls & calc shale. 2nd 1': Gray shale - fractured. Fracture faces have slickensides, anhyd & lignite on them. 3rd 1': Gray hd dol anhyd carbonaceous (Plant remains) fslif pyritic ls & wh dol chalk w/bl shale partings. Bot 4': Wh dol (rhombs) chalk w/gray dol ls like above.
109	4820-4830	3' Wh hd dol chalk.
110	4830-4840	4' Top 3': Gray f. gr dol anhyd fsl ls w/thin irregular laminae lignitic shale stains. Bot 1': Same but more bl bituminous shale - 3/4" strk present.
111	4840-4850	2 1/2' Top: Gray fslif argil ls. Bot: Dk gray hd shale.
112	4850-4858	8' Top 2': Greenish gray tough fslif calc shale. Mid 2': Gray hd argil anhyd ls & gray shale. Bot 4': Olive green tough shale.
113	4858-4868	5' Top 1': Gray hd calc shale. 2nd 1': Blue gray hd fslif v. pyritic anhydrite, argillaceous ls. Bot 3': Olive green hd fslif shale and green v. argil fslif ls w/plant remains.
114	4868-4878	10' Top 2': Greenish gray hd fslif shale (tendency to flake off at edges). 2nd 2': Gray hd v. fslif pyritic dol ls. Bot 6': Olive green v. fslif pyritic fissile to semi-fissile shale.
115	4878-4883	5' Same but a little more calc.
116	4883-4893	9' Olive green v. fslif pyritic semi-fissile calc shale.
117	4893-4903	10' Top 4': Dk gray fslif pyritic v. argil dol ls & dk green fslif pyritic calc shale. Mid 4': Olive green v. fslif fissile shale. Bot 2': Like top 4'.
118	4903-4910	7' Top: Olive green v. fslif fissile shale. Mid: Olive green fslif tough shale. Bot: Olive green v. fslif fissile shale.

CORE RECORD CONT'D

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119	4910-4920	10' Top 3': Olive green v. fslif semi-fissile calc shale. 2nd 3': Same. 3rd 3': Same. Bot 1': Gray hd argil dol fslif ls grading into gray calc shale.
120	4920-4930	5' Wh hd granular dol anhyd ls w/irregular partings and strks of hd gray fslif calc shale.
121	4930-4934	4' Top 1': Wh hd dolo argil fslif ls. 2nd 1': Same, more argil. 3rd 1': Gray, wh (ls) spotted, hd fslif shale. Bot 1': Gray hd fslif v. calc shale.
122	4934-4944	10' Top 8" Gray spotted hd fslif (sparse in places) pyritic v. calc shale w/strks dk br. shale. Bot 2': Brownish black to greenish brown hd pyritic (xls v. fine, scattered) fslif shale (having f. granular appearance under the glass) w/thin laminae and strks of ls; grading into a dk green shale at the very bottom.
123	4944-4954	10' Top 5': Dk gray hd v. calc (slately looking) f. pyritic fslif shale. 2nd 1': Dk brownish black hd fslif f. pyritic shale. Silty looking. 3rd 1': Lt gray slately looking hd calc shale. Bot 3': Brownish black to greenish black fslif (also fish remains) f. pyritic calc shale (in places having granular appearance, increasing near the bot) w/some thinly laminated, light speckled calc shale.
124	4954-4960	8' Gray hd calc shale & gray hd argil ls.
<u>125</u>	<u>4960-4970</u>	10' Top 2 1/2': Black greasy looking fissile shale. 2nd 6": Gray well indurated poorly sorted qtz sd w/rare pink qtz grs & wh calc, silica? Matrix. Looks like qtzite at first glance. Impervious. 3rd 2': Gray indurated argil f. gr qtz sd w/laminae gray calc shale. 4th 2": Gray well indurated sd like 2nd 6". 5th 1': Black f. aren greasy looking fissile shale. 6th 6": Bright green glauc med gr. qtz sd. Matrix is glauconite. 7th 1': Black greasy looking fissile shale w/ scattered f. qtz grs. 8th 2': Green glauc salt & pepper sd w/black shale partings. Kerosene odor. Bot 4": Black soft silty shale & sd.
126	4970-4974	4' Sand-soft, green glauc, s. & p., varying hd & soft strks, pyritic & abundant black grains, either phosphate or glauc. Hd strks tight.
127	4975-4980	4' Top 1': Green well indurated, glauc, poorly sorted fslif qtz sand w/black glauc grains in the sand. 2nd 1': Same w/thin breaks, bl silty shale. 3rd 1': Black silty fissile shale w/numerous chalky laminae. Bot 1': Black shaley f. gr. qtz sd.
128	4980-4985	3' Greenish black laminated f. aren, f. micac shale w/strk sd.

Kerosene

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129	4985-4990	2' Top: Gray glauc f. gr. well sorted otz sd. Fairly well indurated calc. Bot: Drab gray soft aren shale w/strks f. gr. loosely consolidated f. mica otz sd.
130	4990-4995	5' Top 4': Black fairly hd fissile greasy looking f. aren f. mica laminated calc shale. Bot. 1: Black shaley f. gr. otz sd.
131	4995-5005	3' Top 1': Black greasy looking mica shale & sd. Mid 1': Black laminated fissile shale. Bot 1': Green glauc well indurated otz sd & bl laminated greasy looking shale.
132	5005-5014	9' Top 3': Gray f. gr. well indurated, well sorted glauc otz sd w/strks bl shale. Mid 3': Black mica, f. aren fissile shale and gray calc. f. gr sd laminated w/gray calc aren shale. Bot 3': Black fissile mica aren laminated shale & whitespotted well indurated calc f. gr. sd.
133	5014-5024	10' Top 3': Gray bl f. mica shaley f. gr otz sd w/ spots wh otz sd & laminae of bl f. mica aren sh. Mid 3': Same but bl in color. Bot 3': Same. Entire core has spotted appearance.
134	5024-5034	10' Top, Mid, Bot: Same.
135	5034-5044	10' Top: Same w/thin laminae bl sh abund. making core fissile. Mid: Same as core #134. Bot: Same w/abund 1/4" thick laminae bl greasy looking fissile shale.
136	5044-5054	10' Top 4': Same - Almost bl shale w/sd laminae, Mid 3': Same. Bot 3': Dk green to greenish bl well consolidated f. mica shaley fairly well sorted med gr otz sd. Salty taste.
137	5054-5064	10' Much same sd as above: more shaley, having striped appearance looking at the core as a whole. Taking on a salt and pepper appearance in the cross-section (clear f. gr. otz & bl f. gr phosphate(?)).
138	5064-5074	10' Gray shaley indurated v. f. gr clear otz sd, f. mica; striped appearance by lenses bl mica shale & wh otz sd.
139	5074-5080	6' Same w/some v. fine partings bl shale.
140	5080-5090	6' Top 2': Same w/abund laminae shale. 2nd 2': Same w/thicker laminae. 3rd 18": Blk shale laminated w/gr f. gr sd. Bot 6": Gray green s & p otz sd, heavily pyritic in spots; some pieces were mostly grayish tan dol ls. (core broke in 1/2" sections and blocked barrel. This lost 6" rec. probably from 5086 ¹ / ₂ -87')
141	5090-5100	3' Top: Grayish tan f xline dol ls, f. aren & felif; w/few fine lenses shaley sd. Mid: Same w/strk bl shale; plant remains. Bot: Gray f. xline felif dol ls, w/show pyrite, anhydritic (?)
142	5100-5106	2 ¹ / ₂ ' Top: Same w/chale break. Bot: Tan hd xline felif dol anhyd ls.

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143	5106-5115	2' Top 10": Tan hd xline dol calc ls. Mid: 2": Brownish black dol laminated shale w/ pieces dol & ls, scattered. Bot 1': Same as Top 10".
144	5115-5125	2' Top 4": Bl dol carbonaceous ls w/stk: blk shale; plant remains. Bot 20": Grayish tan f. xline dol felif calc ls.
145	5125-5135	18" Same.
146	5135-5140	5' Top 2½': Wh hd f. xline dol ls. Bot 2½': Greenish br hd argil mica felif dol ls.
147	5140-5150	1': Same, f. gr. dol.
148	5150-5160	1' Same.
149	5160-5170	2' Blue green, brown & white v. hd xline dol ls w/ spots brown pyritic sd & greenish black pyritic shale.
150	5170-5180	2' Top: Gray hd argil dol, spotted w/black shale. Mid: Greenish gray v. argil f. pyritic f. xline dol & green v. hd argil dolo f. gr otz sd. Bot: Green hd argil f. gr. dol.
151	5180-5190	2' Green & tan mottled v. hd xline dol.
152	5190-5196	1' Top: Gray soft f. xline porous dol w/hd strks. Bot: Gray hd f. xline porous dol.
153	5196-5206	2' Br. hd moldic to dense xline dol.
154	5206-5216	18" Brown hd xline dol.
155	5216-5226	2' Tan hd porous dol, greenish brown v. hd xline dol, tan & greenish br. speckled v. hd dol w/a little anhydrite at bottom.
156	5226-5236	3' Top: Dolomite, tan, greenish brown speckled hd. f. xline. Mid: Anhydrite w/tan f. xline dolomite. Bot: Dol, greenish br & br, f. xline moldic.
157	5236-5244	18" Top: Br dol, hd cryptoxline. Bot: Tan dol, hd cryptoxline, moldic.
158	5372-5382	4' Top 1': Dol, tan, xline, felif, & bl earth argil xline. Mid 2': Dol, hd porous, f. xline to drusy argil felif, & tan sucrose. Bot 1': Dol, earthy gray, argil, anhy fairly soft w/strks of hd dol.
159	5571-5580	6' Top: Dol, tan, black speckled, hd, sucrose to xline, v. felif, anhyd w/anhydrite & stk black soft argil silt. Mid: Dol, tan & br, speckled, hd, xline, felif anhyd. Bot: Dol, br to dk gray, hd, xline to f. sucrose porous, anhyd w/stks black soft argil silty & anhyd.
160	5615-5625	3½' Top 1': Sand, gray black, indurated, argil slightly calc, f. gr. qtz. Mid 18": Siltstone, gray black, hd, f. mica v. f. aren argil. Bot 1': Slatelly siltstone, gray bl hd, fractured w/anhyd, f. aren silt & carbon silt in fractures.

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161	5625-5635	3 $\frac{1}{2}$ ' Top 1': Sand, gray, indurated, porous, even f. gr. qtz. Mid 18": Sand & dol, gray, hd, dense, poorly sorted f. gr qtz. (blue qtz grains). Bot 1': Same, banded w/dk gray silty sd & bl hd slaty siltstone.
162	5639-5649	3' Top: Sand gray tan, dol, hd, anhyd, med, coarse grained. Mid: Claystone, gray to black, hd, f. aren. Bot: Dol, tan, hd, anhyd. siltstone, soft bl f. aren, claystone, gray, hd.
163	5649-5659	2' Top: Dol, tan v. porous, moldic anhyd. Bot: Sand, gray, indurated, silty; dol, tan porous; siltstone, gray, f. aren.
164	5659-5669	2 $\frac{1}{2}$ ' Top 18": Sand, gray bl, indurated, argil, f. gr qtz w/few scattered coarse gr. Mid 6": Dol, tan, v. hd, xline cryptoxline, porous. Bot 6": Siltstone, bl, med hd, fractured.
165	5669-5679	3' Top 1': Sd, tan, hd, porous, f. gr. dol, anhyd. Mid 1': Dol, hd, porous, anhyd, w/stk f. aren blk silty shale in middle. Bot 1': Dol, tan, hd, porous, anhyd.
166	5670-5689	2' Dol, grayish tan, hd, v. porous, f. sucrose to cryptoxline argil, oyritic, glauc, anhyd. Fossil casts & molds.
167	5689-5698	18" Dol & sand. Dol, tan, v. coarsely aren hd, glauc argil. Sand, gray, well indurated, dol, glauc, poorly sorted f coarse qtz.
168	5698-5708	3' Top 2': Sandstone, gray, indurated, f. gr. qtz w/scattered coarse grains, increasing toward bottom & anhydrite. 2nd 8": Dol, gray, hd, f. aren, anhyd, argil. 3rd 4": Sd, gray, hd, v. f. gr qtz, dol, anhyd.
169	5708-5718	1' Dol, brownish black, hd, aren, argil (w/coarse gr blue wh qtz)
170	5718-5725	1' Top: Dol, gray, hd, coarsely aren argil. Bot: Sd, gray indurated, argil, f. gr. w/scattered coarse grs.
171	5725-5735	4' Top 2': Sd, gray, consolidated argil, f. gr. qtz. Mid 1': Siltstone, hd, aren (f. - coarse grains) Bot 1': Siltstone, gray, med hd, v. f. aren, waxy, flakey (bentonitic?) w/irregular f. gr. sd inclusions. (Rose qtz, scattered)
172	5735-5745	3' Top 2": Sd, gray, indurated, med coarse gr qtz. Salt water taste. Permeable. Bot 2'10": Sd, gray, loosely consolidated f. gr qtz sd to pea gravel, rounded, frosted in clay (Fuller's earth like) matrix (blue white & rose qtz).
173	5745-5755	3' Same, gravel not quite so coarse. Loosely consolidated.

CORE RECORD CONT'D

<u>Core No.</u>	<u>Depth</u>	<u>Rec.</u>	
174	5755-5765	5'	Top 1': Sand & gravel, loosely consolidated varicolored qtz in a pea green & yellow brown silty clay matrix. Rose qtz v. prominent. 2nd 1': Sand, f. coarse, fairly well consolidated in gray & grayish purple clay matrix. 3rd 1': Sand, f. and small pea gravel (rose & purple qtz) loosely consolidated in gray green clay matrix. 4th 1': Sandstone, gray green, hd, med f. gr, w/strks green clayey siltstone & strks purple hd aren claystone. Bot 1': Sand & gravel, hd in varicolored clay matrix w/strks purple aren claystone.
175	5765-5775	18"	Top 2": Sand, yellow green varicolored, loosely consolidated, silty, med f. gr qtz w/two 3/4" reddish br quartz pebbles. Bot 16": Siltstone, varicolored (purple, yellow, brn, black, green & white) hd, waxy (greasy look on fracture faces) aren.
176	5775-5780	3'	Siltstone, purple to varicolored, hd w/some soft strks, aren, waxy.
177	5792-5902	3'	Top 2'10": Siltstone, reddish purple to reddish black, hd, greasy luster, fractured, sparsely f. mica, w/thin strks varicolored hd f. aren siltstone & f. gr. silty sd. Bot 2": Sd, red, f. gr. loosely consolidated silty w/wh quartz pebbles.
178	5922-5925	3'	Top 4": Red silty mud (Barn red). Bot 2'8": Top - Weathered clay, waxy varicolored (40% green) 30% white, 20% purple, 10% yellow brown) Having a granular, salt and pepper appearance. Bot: Weathered waxy clay predominantly purple & green. The green material looks like serpentine. This core has no sand noticeable.
179	5951-5952	1'	Black med xline igneous rock, xline pyrite w/ fractures filled w/yellow orange secondary mineral, probably a zeolite. This core is probably diorite.
180	5952-5954	2'	Black med xline igneous, as above.
181	5954-5955	1'	Black med xline igneous Rx. looks like diorite.
182	5955-5956	1'	Same w/viens of quartz; fractures filled w/yellow orange secondary mineral.
183	5956-5957	1'	Same.
184	5957-5957 1/2	0'	
185	5957 1/2-5958	4"	Same.

PERCENTAGE CORE RECOVERY

	<u>Cut</u>	<u>Rec.</u>	<u>Percentage</u>
SF Core Head	69'	5.5'	8%
HF Core Head	1429'	653.6'	46%
Conventional Bbl.	106'	85'	80%
TOTAL	1604'	744.1'	46.3%