

Core No. 1 from 6942-6952'. Cut & rec. 10-1/2'. C.T. 4 hrs. & 20 mins. Avg. C.T. 25 mins. per ft.

6942-46' Shale, green to grey green, very sly. calc., dense, fine texture, hard, very silty, sly. frac.

6946-49' Shale, green to dark green, waxy, moderately hard w/occasional embedded med. to coarse, angular dark green quartz. Green inclusions, highly frac.

6949-52.5' Shale, lt. green to grey, fine texture, sly. silty, sub-waxy, moderately hard, top 6" is highly frac. w/occasional frac. in bottom 3'.

6952-6968' Sand & siltstone
 6968-6994' Sand & shale
 6994-7023' Shale, siltstone & sand
 7023-7032' Shale
 7032-7052' Shale & Bent.
 7052-7082' Shale & sand
 7082-7109' Shale, Sand & Bent.
 7109-7122' Shale, Bent. & lime
 7122-7141' Shale, lime & sand
 7141-7199' Shale & sand
 7199-7237' Lime & sand
 7237-7245' Sand & shale
 7245-7276' Sand & shale
 7276-7286' Shale
 7286-7316' Shale, lime & sand
 7316-7330' Shale and sand
 7330-7346' Sand
 7346-7358' Sand & shale



Core No. 2 from 7358-7388'. Cut & rec. 30'. C.T. 12-1/4 hrs. Avg. C.T. 24-1/2 mins.
 7358-62.5' Sandstone, white, fine to med. gr., calc., no por., no perm., no show.
 7362.5-88' Shaley siltstone, greenish grey.

Core No. 3 from 7388-7413'. Cut & rec. 25'. C.T. 16-1/2 hrs. Avg. C.T. 39-1/2 hrs. per ft.
 7388-91' Sandstone, grey-white, fine gr., calc., tight w/thin laminations of shale, grey, dolomitic, very hard.
 7391-93' Shale, grey, sandy, dolomitic & grading in part to dol. shale.
 7393-94' Sandstone, dark grey, very fine gr., grading to locally silty, calc., hard & tight.
 7394-00' Shale, dark grey, silty, calc., hard.
 7400-06' Sandstone, grey, very fine gr. to silty, sly. calc., argil., hard & tight.
 7406-08' Sandstone as above w/thin shale partings.
 7408-09' Shale, dark grey, sub-waxy, sly. calc., hard w/thin stringers of sandstone & siltstone as above.
 7409-11' Sandstone & shale as above, sandstone predominations.
 7411-13' Shale as above, becoming more calc.

7413-7428' Shale & siltstone
 7428-7470' Sand & shale
 7470-7521' Sand
 7521-7612' Sand & shale
 7612-7620' Sand, shale & Granite
 7620-7623' Sand & granite
 7623' T.D.

	Schlumberger Tops		
Cretaceous	2770' (?) Plus 5785'	Lakota	6894' Plus 1661'
Niobrara	5610' Plus 2945'	Morrison	6932' " 1623'
Greenhorn	6240' " 2315'	Sundance	6214' " 1341'
Frontier	6268' " 2287'	Entrada	7434' " 1121'
Mowry	6635' " 1920'	Granite	7612' " 943'
Dakota	6741' " 1814'	Schl. T.D.	7619'

See Form #9-331A for DST No. 1 thru 11

