

SCHLUMBERGER SIDEWALL CORES

<u>DESCRIPTIONS</u>		
<u>DEPTH</u>	<u>RECOVERY</u>	<u>DESCRIPTION</u>
3470'	1-1/4"	Clay, dark maroon, scattered quartz grains, bentonitic?
3458'	1/2"	Sand, quartz with occasional dark grains, very angular, medium to coarse, poorly sorted, soft, choked with white material (tuff?), tight.
3448'	1"	Sand, very clayey, fine grained, firm, crumbly, angular, quartzose, scattered sub-angular to sub-rounded quartz grains, tight.
3428'	1/2"	Sand, as in 3458'.
3395'	1"	Clay, bentonitic?, maroon, occasional grey mottlings, very finely sandy in part. /
3282'	1/2"	Sand, dark grey, choked with tuffaceous material?, fine to medium grained angular quartz with common dark grey grains; scattered coarse sub-rounded grains, tight.
3192'	1"	Clay, bentonitic, grey, slightly plastic, scattered very fine black mineral fragments and possible vitric fragments.
3152'	1/2"	Sand, grey, fine to coarse, angular fragments of quartzite up to 1/4", quartzose, crumbly, choked with tuff?
3020'	1-1/2"	Sand, white, firm, friable, very clayey, very fine grained, well sorted, angular quartz with scattered dark fragments; streak of black, soft, possibly carbonaceous material.
2950'	1-1/2"	Bentonite, grey, firm.
2922'	1"	Sand, light grey, ashy, fine to medium grained, angular, firm, friable, tight.
2903'	1"	Bentonite, dark grey, firm.
2875'	3/4"	Sand, light grey, ashy, fine to medium grained, firm, friable, angular quartzose with dark grey, green and light rusty brown grains, tight.
2820'	1-1/2"	Bentonite, dark maroon, scattered angular quartz fragments.

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SCHLUMBERGER SIDEWALL CORE DESCRIPTIONS, CONTINUED

<u>DEPTH</u>	<u>RECOVERY</u>	<u>DESCRIPTION</u>
2760'	1/2"	Sand, ashy, as in 2875'.
2600'	1-1/4"	Clayey Tuff, dark brown, maroon, contains green blebs silica.
2585'	3/4"	Siltstone, dark grey, bentonitic, firm, friable, slightly calcareous.
2560'	1"	Sand, dark grey, firm, friable, fine grained, angular, mainly dark green and grey grains with some quartz; somewhat ashy, poor to fair permeability.
2540'	1-1/4"	Siltstone, dark maroon with grey mottlings, firm.
2430'		Lost.
2383'	3/4"	Sand, fine grained, dark grey, firm, friable, highly calcareous, predominantly dark grey and dark green grains with lesser quartz, angular to sub-rounded, possible fair permeability.
2160'		Lost.
2110'	1-1/4"	Siltstone, dark grey, very firm, possibly bentonitic.
2053'	1-1/2"	Siltstone, light to medium gray, scattered fine quartz grains.
1867'	1-1/4"	Volcanic fragments (undifferentiated), almost black, highly fractured, fine grained, possibly basalt.
1790'	1-3/4"	Sand, white, fine grained, firm to almost loose, calcareous, quartz with scattered dark grains, probable fair to good permeability.
1613'	2"	Altered Vitrophyric Tuff, light grey, ground mass altered to clay; contains phenocrysts of biotite (iron stained) and quartz.
1265'	2"	Clayey Tuff, maroon colored with green blebs of secondary silica (hydrated).
1202'	2"	Altered Vitrophyric Tuff, ground mass altered to clay, contains phenocrysts of hornblende, color dark grey-black.