

Profile Plot Track Legends (Aug 2, 2010)

STEPHENS TRUST 1 (15-191-22454)

Operator: WOOLSEY OPERATING COMPANY, L.L.C Field: WILDCAT

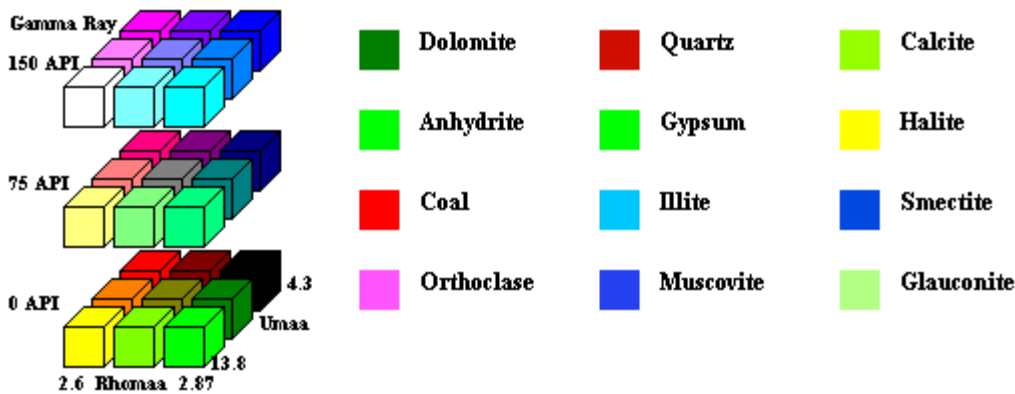
Sumner County, Kansas

Total Depth: 6651.0 Ground Level: 1232.0 Kelly Bushing: 1247.0

Log ASCII Standard (LAS) Curves		
Mnemonics	Description	Units
GR	Gamma Ray	API
SP	Spontaneous Potential	MV
CAL	Caliper	IN
ILD	Deep Induction Resistivity	OHM-M
ILM	Medium Induction Resistivity	OHM-M
PE	Photoelectric factor	BARNS/E
NPHI	Neutron porosity	PU
RHOB	Bulk Density	GM/CC
DPHI	Density porosity	PU

Colorlith Image Tracks

Rhomaa-Umaa Colorlith




















Texture/Lithology Image Tracks








Lithology Symbols		Texture/Lithology by Description	
Siliciclastic Lithotypes		Level	Symbol Description
	Sand, Sandstone (shaly)	0	
	Sandstone	2	 shale
	Silt	2	 carbonaceous shale
	Clay	2	 slightly pyritic shale
	Shale	3	 micaceous shale
	Limestone	3	 slightly carbonaceous shale
	Limestone	3	 silty shale
	Shaly Carbonate	3	 silt shale
	Dolomite	3	 pyritic shale
	Dolomite	3	 sandy shale
	Shaly Dolomite	3	 calcareous shale
	Evaporite Lithotypes	3	 dolomitic shale
	Halite, rock salt s.s.	5	 sandy silt
	Gypsum	5	 silty sand
	Anhydrite	5	 very fine sand
	Organic-Rich Lithotypes	5	 very fine sandstone
	Coal, general	5	 micaceous silt
	Carbon	5	 calcareous silt
	Misc Sediments Lithotypes	7	 chert
	Chert	7	 sand
	Pyrite	7	 sandstone
	Igneous Rock Minerals	7	 medium sandstone
	Feldspar	3	 limestone mudstone
	Plagioclase	3	 argillaceous limestone
	Olivine	5	 wackestone
	Muscovite	5	 limestone wackestone
	Metamorphic Rock Lithotypes	5	 slightly cherty limestone
	Schist	6	 cherty dolomite
		7	 limestone packstone
		7	 packstone
		8	 limestone
		9	 grainstone
		9	 dolomitic limestone
		9	 dolomite
		10	 micro crystalline limestone
		10	 micro crystalline dolomite
		10	 very fine crystalline dolomite
		11	 fine crystalline limestone
		11	 fine crystalline dolomite
		13	 medium crystalline limestone
		13	 medium crystalline dolomite
		14	 coarse crystalline dolomite
		8	 granite

Rock Image Tracks

Rock Color Legend

Rock Color	Munsell Code
 cream	3.5Y8.8/1.7
 medium gray	3.3GY5.4/0.1
 black	2.5PB1/0
 moderate green	6.3G4.5/5.1
 white	2.5PB9.5/0.2
 tan	8.7YR6.3/4.4
 light gray	6.7Y7.4/0.2
 dark green	6.6G2.8/4.6
 dark gray	2.5PB3.5/0
 light green	6G6.4/5.1
 very light green	6.5G7.8/4.9
 moderate brown	5.6YR3.5/3.9
 very dark green	8G1.8/3
 moderate red	3.8R4.4/9.1
 moderate yellow green	4.8GY6/5
 dark brown	5.3YR1.6/3.4
 moderate orange	4.6YR6.5/8.2
 moderate pink	2.8R7.2/5.3

Fossils

 Fresh Water	 Few
 Brackish Water	 Many
 Marine	 Broken
 – Macrofossils	