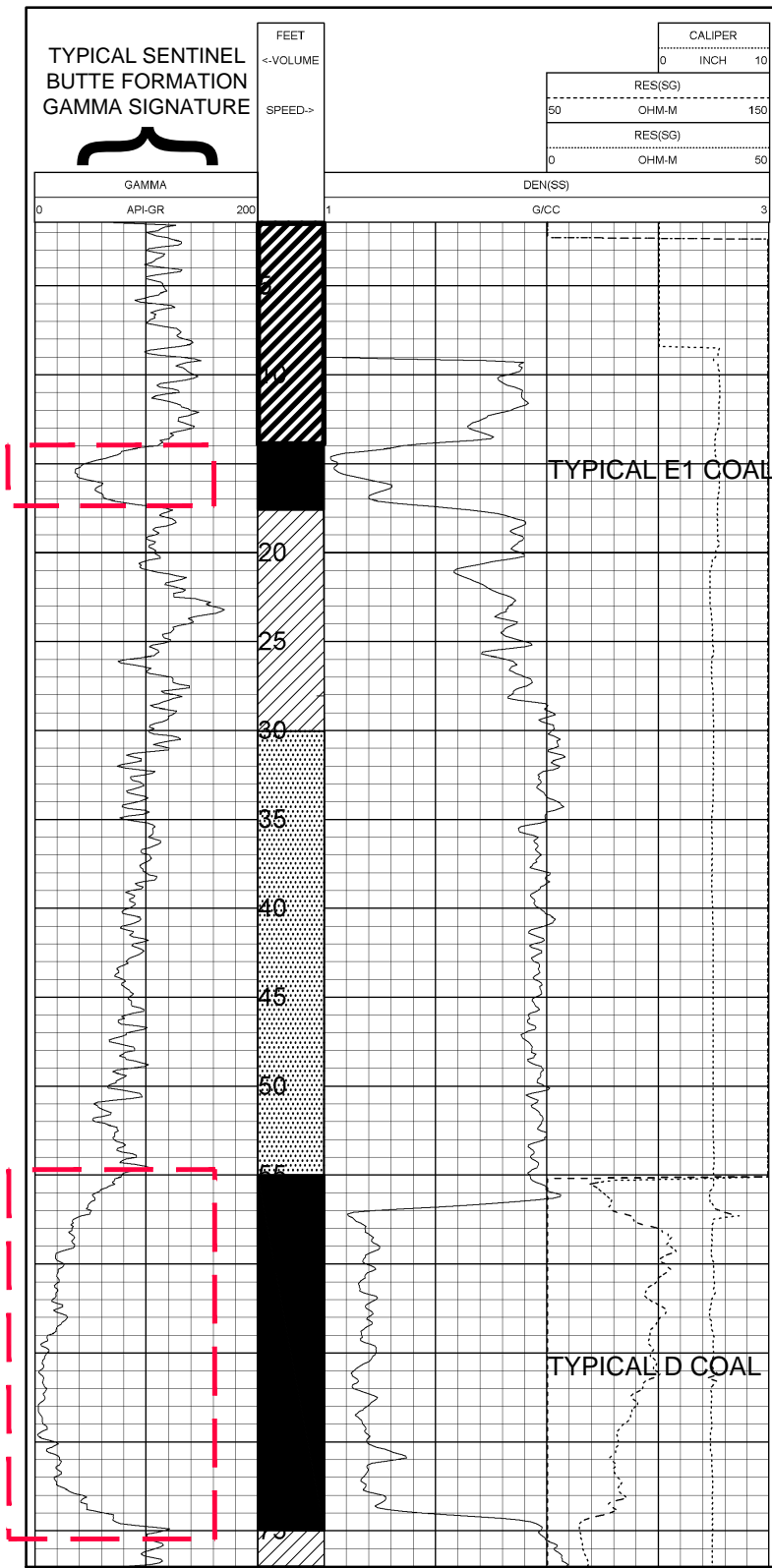


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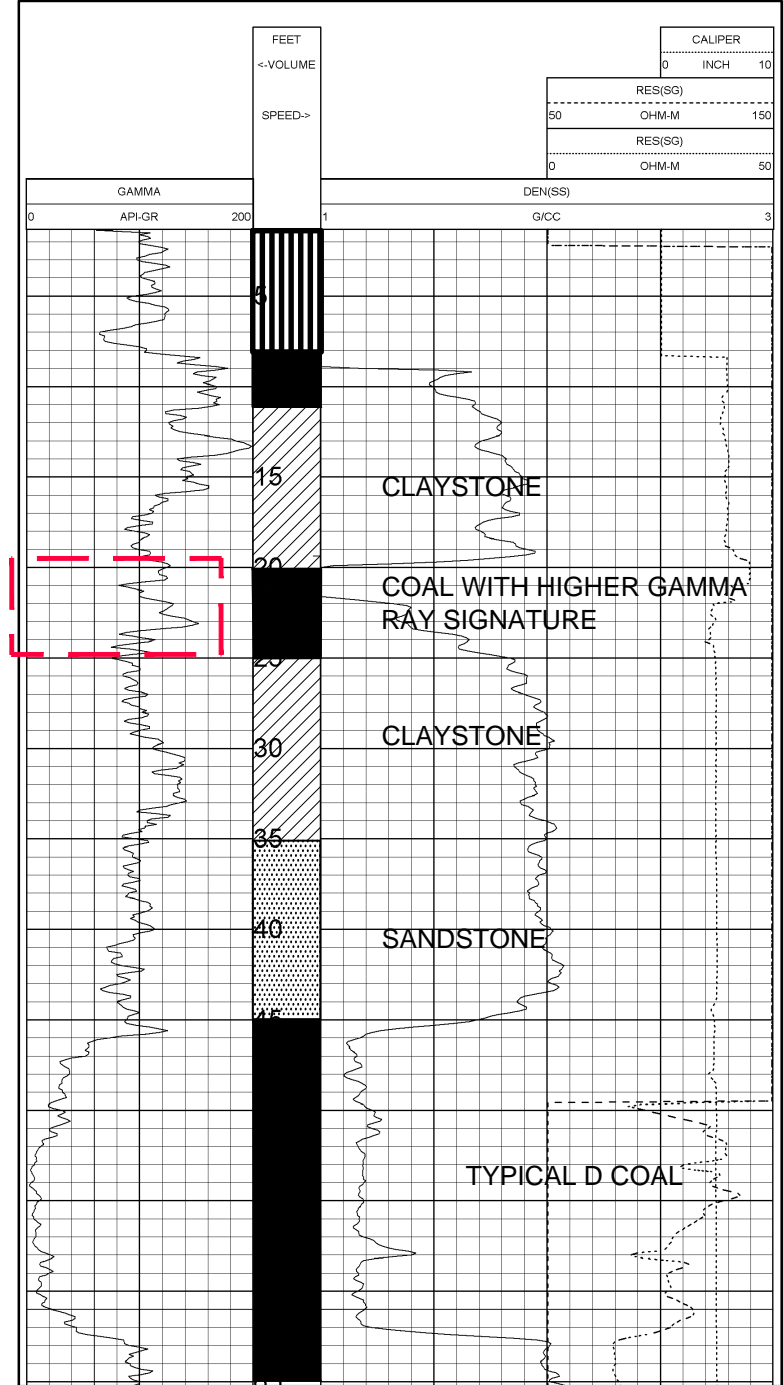
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SHOB-03R

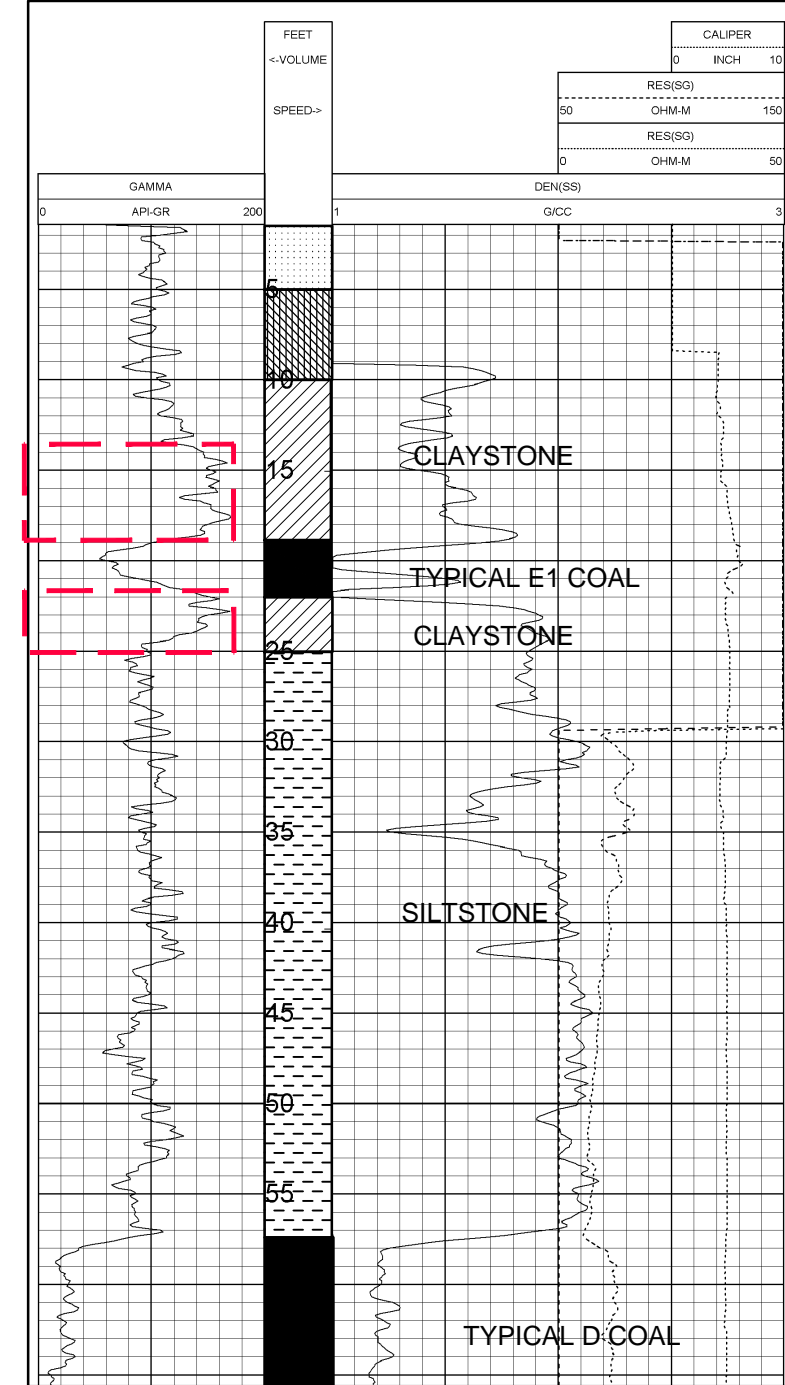
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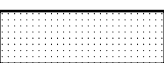
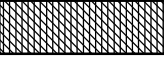


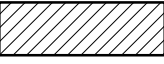


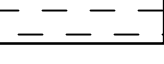

TYPICAL LOG




EXAMPLE OF COAL WITH HIGHER GAMMA RAY SIGNATURE



EXAMPLE OF CLAYSTONE WITH HIGHER GAMMA RAY SIGNATURE

-  POORLY GRADED SAND
-  CLAY-SILT
-  ELASTIC SILT
-  CLAY
-  CLAYSTONE
-  COAL
-  SANDSTONE
-  SILTSTONE
-  AREA OF DISCUSSION

Draw Name: N:\05\063-2212\1_B FIGURES\0632212B002.DWG
 Layout Name: 11x17 Landscape Machine: DEN-L-USAUNDER
 Last Update: Feb 19, 2010 14:39 By: Eschlicht
 Last Plot: Feb 19, 2010 14:45 By: daunders

PROJECT		SOUTH HEART COAL LLC SOUTH HEART LIGNITE MINE SOUTH HEART, NORTH DAKOTA	
TITLE		EXAMPLES OF GEOPHYSICAL LOGS FOR GAMMA RAY ANALYSIS	
PROJECT No.	063-2212A	FILE No.	0632212A002
DESIGN	AGV 12/12/2008	SCALE	AS SHOWN REV. 0
CADD	PDS 02/19/2010	 FIG 2.3-22	
CHECK	SAH 02/23/2010		
REVIEW	EJP 02/26/2010		