



LEGEND

- USCS Elastic Silt
- Siltstone
- Interbedded Claystone and Sandstone
- Claystone
- Sandstone
- Coal
- USCS High Plasticity Clay
- USCS Low Plasticity Clay
- USCS Poorly-graded Sand
- SAR
- E.C. (mmhos/cm)
- SAR of 12 (PSC Policy Memorandum No. 17)
- SAR of 20 (PSC Policy Memorandum No. 17)
- E.C. of 6 (PSC Policy Memorandum No. 3)
- SHOB-05R (20.8 ft.) Borehole ID and offset distance from cross-section line

See Figure 2.3-18 for location.



SOUTH HEART COAL LLC
SOUTH HEART LIGNITE MINE
SOUTH HEART, NORTH DAKOTA



SAR, E.C., and Lithologic Units for SHOB-07, SHOB-16, and SHOB-29

PROJECT NO.	063-2212A	DESIGN	PDS	02/17/2010
FILE	0632212A_2_3_FIG2_3-18B_R0_17FEB10.xls	CHECK	SAH	02/23/2010
REV.	0	REVIEW	EPJ	02/26/2010

FIG 2.3-18B