

**TABLE 3.1-4****SUMMARIES OF LIGNITE AND OVERBURDEN THICKNESSES**

<b>Strata</b>	<b>Average Thickness (feet)</b>	<b>Minimum Thickness (feet)</b>	<b>Maximum Thickness (feet)</b>
Topsoil	2.9	0.4	5.0
E Overburden	17.6*	15.0*	64.4*
E Lignite Seam	3.1*	0*	5.3*
E1 Overburden	11.0*	0*	33.4*
E1 Lignite Seam	2.1*	0*	4.4*
D Overburden	36.8	0	98.6
D Lignite Seam	17.2	0	22.8
HT Butte Overburden	145.3	88.7	186.4
HT Butte Lignite Seam	12.7	9.8	13.3

\*The E and E1 seam is not present through the entire Permit Area.