DSM Design Group Drill Log Data Sheet

Company Name:	Birmingham Coal & Coke Co. Inc.	**Hole ID#:**	OB/MW-1
Mine Name:	KNIGHT MINE	**Driller's Name:**	Landon Manasco
Sampler's Name:	Kevin Farley	**Elevation:**	920.47'

Interval Depth:	Soil Description:	Total Depth:
0'-5'	Reddish Brown, Sandy Fine	5'
5'-10'	Brown, Sandy Fine	10'
10'-15'	Brown, Sandy Fine	15'
15'-20'	Brown, Sandy Fine	20'
20'-25'	Brownish Yellow, Sandy Fine	25'
25'-30'	Brownish Yellow, Sandy Fine	30'
30'-35'	Brownish Gray, Clay	35'
35'-40'	Gray, Shale Soft	40'
40'-45'	Gray, Shale Soft	45'
45'-50'	Gray, Shale Soft	50'
50'-55'	Gray, Shale, Medium Hard	55'
55'-60'	Gray, Shale, Medium Hard	60'
60'-65'	Gray, Shale, Medium Hard	65'
65'-70'	Gray, Shale, Medium Hard	70'
70'-75'	Gray, Shale, Medium Hard	75'
75'-80'	Gray, Shale, Medium Hard	80'
80'-82'	Gray, Shale, Medium Hard	82'
82'-83.65'	Coal Seam (Bear Creek)	83.65'
83.65'-89'	Gray, Shale, Medium Hard	89'
89'-94'	Gray, Shale, Medium Hard	94'
	Total Hole Depth:	94.0'

DSM Design Group Drill Log Data Sheet

Company Name: Birmingham Coal & Coke Co. Inc.

Hole ID#: OB/MW-2

Mine Name: KNIGHT MINE

Driller's Name: Landon Manasco

Sampler's Name: Kevin Farley

Elevation: 856.88'

Interval Depth:	Soil Description:	Total Depth:
0'-5'	Brown, Sandy Fine	5'
5'-10'	Brownish Red, Sandy Fine	10'
10'-15'	Brownish Red, Sandy Fine	15'
15'-20'	Brownish, Sandy Clay	20'
20'-22'	Gray, Shale, Soft	22'
22'-24'	Coal Seam (Bear Creek)	24'
24'-25'	Gray, Shale, Soft	25'
25'-30'	Brown Sandy Clay	30'
30'-35'	Pink Sandstone, Medium Hard	35'
35'-40'	Pink Sandstone, Medium Hard	40'
40'-45'	Pink Sandstone, Medium Hard	45'
45'-50'	Pink Sandstone, Hard	50'
50'-55'	Pink Sandstone, Hard	55'
55'-60'	Brownish Pink Sandstone, Medium Hard	60'
60'-65'	Brownish Pink Sandstone, Medium Hard	65'
65'-70'	Brownish Pink Sandstone, Medium Hard	70'
70'-75'	Brownish Pink Sandstone, Medium Hard	75'

Total Hole Depth: 75.0'

DSM Design Group Drill Log Data Sheet

Company Name:	Birmingham Coal & Coke Co. Inc.	**Hole ID#:**	OB-1
Mine Name:	KNIGHT MINE	**Driller's Name:**	Landon Manasco
Sampler's Name:	Kevin Farley	**Elevation:**	919.66'

Interval Depth:	Soil Description:	Total Depth:
0'-5'	Reddish Brown, Sandy Fine	5'
5'-10'	Brown, Sandy Fine	10'
10'-15'	Brown, Sandy Fine	15'
15'-20'	Brownish Yellow, Sandy Fine	20'
20'-25'	Brownish Yellow, Sandy Fine	25'
25'-30'	Brownish Yellow, Sandy Fine	30'
30'-35'	Brownish Yellow, Sandy Fine	35'
35'-40'	Gray, Shale Soft	40'
40'-45'	Gray, Shale Soft	45'
45'-50'	Gray, Shale Soft	50'
50'-55'	Gray, Shale Soft	55'
55'-60'	Gray, Shale Soft	60'
60'-65'	Gray, Shale Soft	65'
65'-70'	Gray, Shale Soft	70'
70'-75'	Gray, Shale, Medium Hard	75'
75'-79'	Gray, Shale, Medium Hard	79'
79'-81.5'	Coal Seam (Bear Creek)	81.5'
81.5'-86'	Gray, Shale, Medium Hard	86'
86'-91'	Gray, Shale Soft	91'
	Total Hole Depth:	91.0'