



COAL NOMENCLATURE IN THE CARBON MINING DISTRICT OF THE HANNA COAL FIELD

SUMMARY OF COAL RESOURCES AND RESERVE BASE IN MILLIONS OF TONS

Coal name (Weighted average thickness, feet)	MEASURED RESERVE BASE			INDICATED RESERVE BASE			TOTAL RESERVE BASE			INFERRED RESOURCES			GRAND TOTAL		
	Overburden thickness (feet):			Overburden thickness (feet):			Overburden thickness (feet):			Overburden thickness (feet):			Overburden thickness (feet):		
	0-100	100-200	0-200	0-100	100-200	0-200	0-100	100-200	0-200	0-100	100-200	0-200	0-100	100-200	0-200
Finch (8.04)	5.35	1.43	6.78	2.35	6.51	8.86	7.70	7.94	15.64	0.35	2.34	2.69	8.05	10.28	18.33

COAL ANALYSES

ANALYTICAL DATA FOR: Finch Coal Bed  
APPARENT RANK: High volatile C bituminous

AS RECEIVED BASIS	AVERAGE		
	RANGE ANALYSIS (1-10 samples)	PROXIMATE (10 samples)	ULTIMATE (1 sample)
MOISTURE (%)	8.8-12.7	9.88	
VOLATILE MATTER (%)	36.8-41.26	39.31	
FIXED CARBON (%)	38.37-45.0	42.07	
ASH (%)	7.09-12.58	8.74	8.4
SULFUR (%)	0.5-0.8		0.5
HYDROGEN (%)	6.0		6.0
CARBON (%)	62.8		62.8
NITROGEN (%)	1.1		1.1
OXYGEN (%)	21.2		21.2
BTU/LB.	10,795-11,450	11,110 (10 samples)	

ASH FUSION TEMPERATURES (°F)  
(4 samples)

	RANGE ANALYSIS	AVERAGE
INITIAL DEFORMATION		
SOFTENING TEMPERATURE	2280-2380	2320
FLUID TEMPERATURE		

Reference: Glass, Gary B. and Roberts, Jay T., 1979, Remaining Strippable Coal Resources and Strippable Reserve Base of the Hanna Coal Field in Southcentral Wyoming: Geological Survey of Wyoming Report of Investigations No. 17, 166 p.

STRUCTURE, COAL THICKNESS, AND SHALLOW OVERBURDEN FOR THE  
FINCH COAL BED IN THE CARBON MINING DISTRICT, HANNA COAL FIELD, SOUTHCENTRAL WYO.

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