

Tunalik

Lab No. K88829

DEPARTMENT OF ENERGY

COAL ANALYSIS REPORT

WELL FILE
ONPRA
MENLO PARK
FILE COPY

ORGANIZATION: USGS, Alaska
Sample ID: USGS (Ak.) Core #1, Coal

Can No:
MINE: Tunalik Test Well #1
BED: Depth 3280 feet

OPR:
STATE: Ak COUNTY:
TOWN:

Date of samples: - Date Received: 1-10-79 Date of Report: 1-26-79
Collector: J. E. Callahan

	Coal (as recd.)	Coal (moist. free)	Coal (moist, ash free)
Air dry loss: 2.0			
<u>Proximate Analysis</u>			
Moisture	7.3	N/A	N/A
Volatile Matter	37.3	40.3	40.8
Fixed Carbon	54.2	58.4	59.2
Ash	1.2	1.3	N/A

<u>Ultimate Analysis</u>			
Hydrogen	5.8	5.4	5.5
Carbon	75.3	81.2	82.3
Nitrogen	1.7	1.8	1.9
Sulfur	.5	.5	.5
Oxygen (ind.)	15.5	9.7	9.8
Ash	1.2	1.3	N/A

Heating Value (BTU/LB) 13213 14254 14444

<u>Sulfur Forms</u>			
Sulfate	00	00	00
Pyritic	.06	.06	.06
Organic	.41	.44	.45

Free Swelling Index 1.5

RECEIVED
MAY 06 1980
ONPRA
MENLO PARK

Proofed 5-2-80
NOTED *[Signature]*
MAY 08 1980 MAY 03 1980
BOWSER BOWSER