

REPORT FILED UNDER	A.T. Savage	DOCUMENT NO. 061734
DATE PERFORMED	June - Aug., 1975	DATE FILED: March 1, 1976
LOCATION - LAT. LONG.	60° 23'N	AREA: Twin Mountain, Yukon
	135° 15'W	
CLAIM NO. In part VALUE \$11,336.18	Coal Licences #33 and 34	
	(SEQ) (NEQ)	
WORK DONE BY	A.T. Savage	
WORK DONE FOR	A.T. (Bert) Savage	
REMARKS	Prospecting of Tantalus Fm. indicated that the coal measures are "steeply dipping and contain a low to lower quality, high ash anthracite".	

061734

This report has been examined; declared acceptable as Representation Work under Section 32 and Schedule B of the Canada Mining Regulations and valued ^{in part} in the amount of \$11,336.18

Chief,

Date: 1 March 1976

Prospecting and Examination Report

Re: Coal Licences #33 and #34, T.N.S. 105 D/6
Yukon Territory, in accordance with
section 40 (B), Territorial Coal Regulations Act.

SUMMARY OF FIELD ACTIVITIES:

- DATE - June, July, August 1975
- LOCATION - Coal Licences #33 and #34
southeast quarter and northeast
quarter, respectively.

- CAMP 1

Camp 1 was set up southwest of Coal Lake in the northwestern portion of Coal Licence #34. Access was gained via Fish Lake road and Two Horse Creek using a four-wheel drive unit, and by helicopter out of Whitehorse.

Prospecting was conducted from the southern flank of Mount Branger in a southeasterly direction, across Coal Ridge,

over the southern benches of Double Mountain, and across Two Horse Creek.

The Tantalus formation of dark conglomerates breaks quite visibly from the 2,500 foot level on the southern flank of Coal Ridge, and passes over the southern portion of Mount Granger at approximately the 5,800 foot level. There is also evidence of the Tantalus beds up to a distance of one mile due south in the lower benches of Mount Granger. Outcropping coal measures in the Tantalus beds were traced intermittently for several miles from Coal Ridge to Mount Granger. Coal measures also occur in the Tantalus formation on the southern benches of Double Mountain.

Although the area southeasterly of Double Mountain and across Two Horse Creek to Red Ridge was thoroughly prospected, no evidence of coal was found. However, some signs of the Tantalus beds were in evidence.

PA.

Short diamond drilling of the coal seams at various locations between Coal Ridge and Mount Granger did not produce core due to the brittle nature of the coal. The nature of the coal here caused the returns to be broken sludge.

The coal seams of Coal Ridge and Mount Granger are a high ash, anthracite coal, badly oxidized and eroded. The high ash content would appear to the writer to be a consistent characteristic of the samples obtained on surface, and of those obtained from trenches put down a couple of feet on the seam.

Similar results were encountered on the coal outcroppings of the Double Mountain area. The coal measures are contained in the Fortalus formation on the southern benches, and traverse in a northwesterly course for a couple of miles before disappearing into the valley overburden

F.A.L.

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of Coal Creek. The coal seams appear to be folded or rolling, badly oxidized and eroded. Short drilling was attempted but coring could not be achieved due to the fracturing nature of the coal seams.

A small coal seam was observed in the valley area south-west of Coal Ridge. Cut by Coal Creek, it appeared to be a slightly darker, semi-anthracitic coal of similar qualities to the main coal measures in the area. This is based on visual examination, since no samples were processed.

- CAMP 2

Camp 2 was situated at Annie Lake in the eastern valley below Bush Mountain, east centre of Coal Licence # 33. Access was made via the Whitehorse - Carcross Road to the Annie Lake cut-off and thence by the Annie Lake Road.

Prospecting on licence # 33 was



conducted from the Wheaton River north to the Watson River. Only one area of the Tantalus formation, that on the ridge between Idaho Hill and Bush Mountain, had coal outcroppings. These coal measures were small, metal-grey in color and appeared to be a very low quality, semi-anthracite. Although the Tantalus formation was found over a considerable area between the Wheaton and Watson Rivers, no visible signs of coal outcroppings were encountered, except for that mentioned on Bush Mountain.

-CONCLUSION

It is the writer's opinion that the coal measures contained in the Tantalus beds traversing Coal Licences # 33 and # 34 in a north-westerly direction, are basically of a steeply dipping attitude and contain a low to lower quality, high ash anthracite coal.

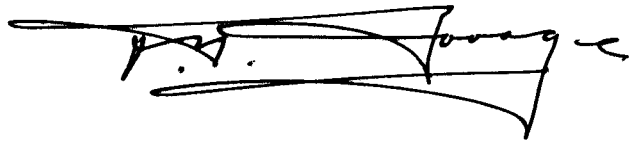
Field prospecting and examination

JAL

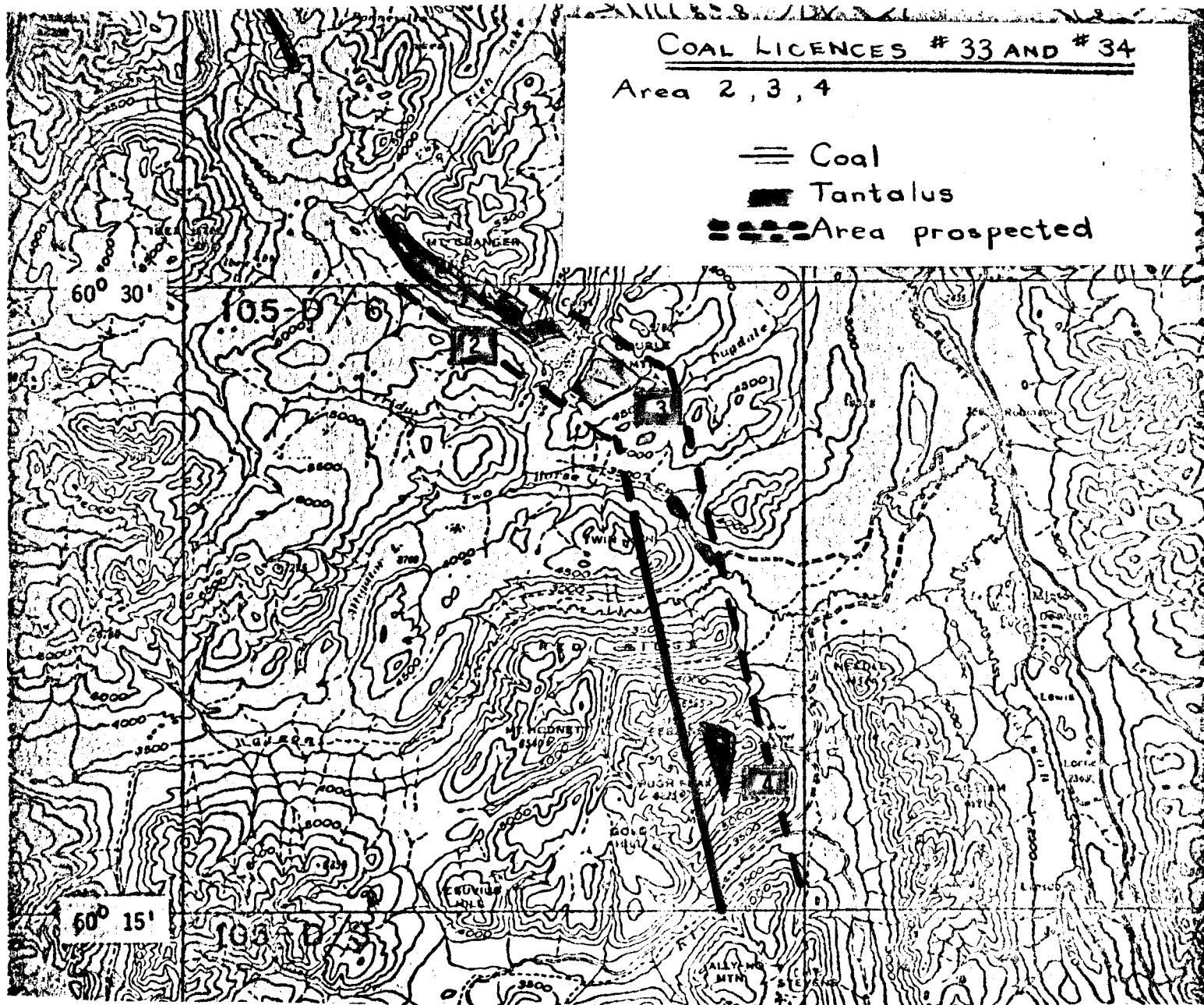
were under the direction of the writer, and were carried out during the months of June, July, and August, 1975.

January 15, 1976

Respectfully submitted,



A. J. (Bert) Savage
Prospector, and Licensee



ANALYSES OF RECORD, 1974 & 1975

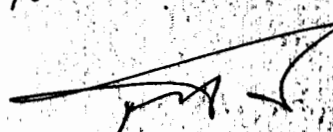
Analyses No.	6	7
(Proximate)	%	%
Moisture (AR)	1.72	2.65
Volatiles	32.22	31.94
Fixed Carbon	52.52	49.26
Ash	13.54	16.15
Sulphur	0.36	0.32
Btu/lb	10,924	10,084
CBI	powder	powder

Analyses 6 and 7 reported to be on splits of one sample, taken from "the coal deposit near Bush Mountain":
Submitter, - Mr. McCune.

Proximate analyses, as received:

No.6, by Chemical Industries Services, Detroit, Michigan/
Ref. 1274-57

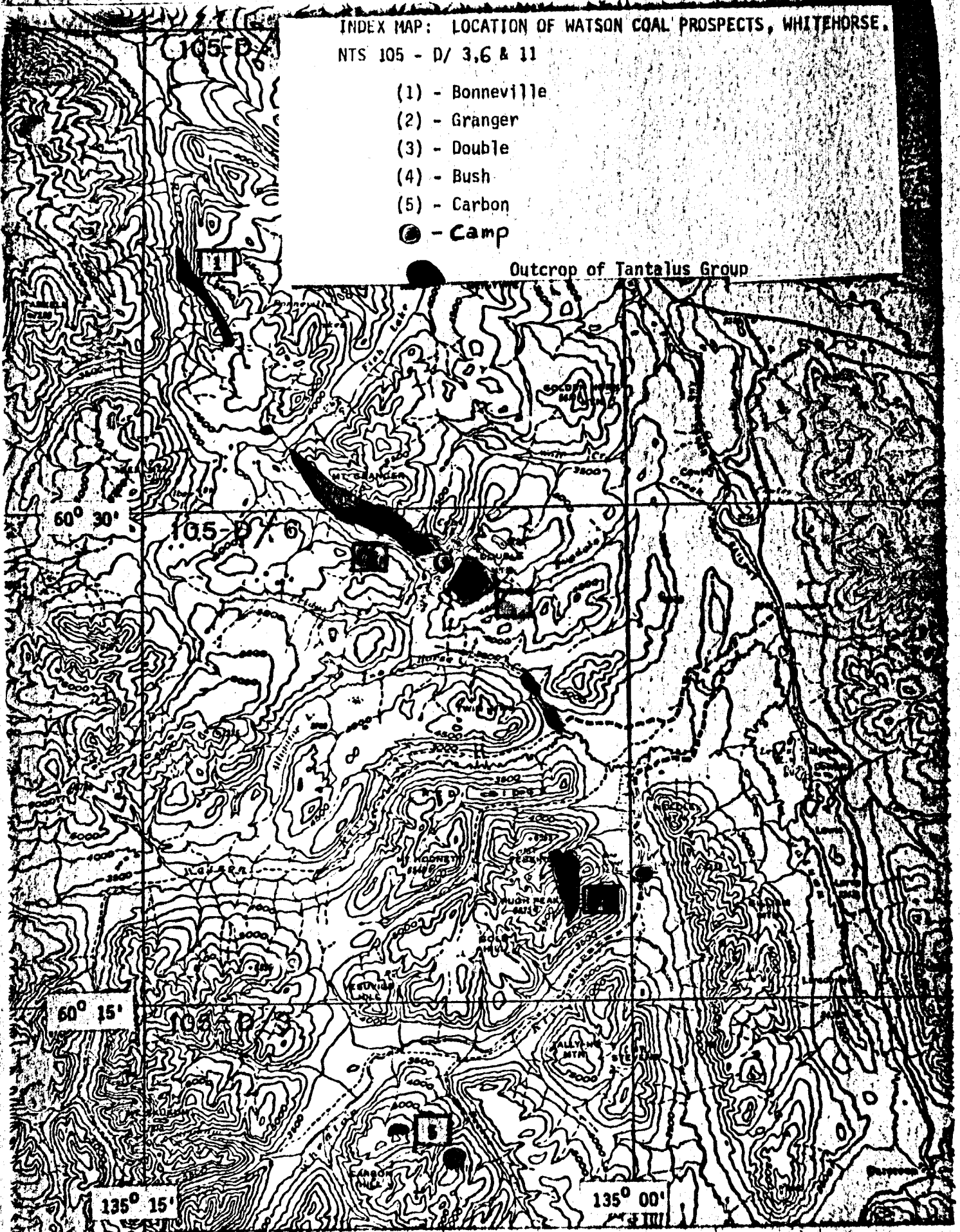
No.7, by Detroit Testing Laboratory Inc., Detroit, Michigan/
Ref. 4122 54-A.

Jan 15, 1976


INDEX MAP: LOCATION OF WATSON COAL PROSPECTS, WHITEHORSE.
NTS 105 - D/ 3,6 & 11

- (1) - Bonneville
- (2) - Granger
- (3) - Double
- (4) - Bush
- (5) - Carbon
- - Camp

Outcrop of Tantalus Group



January 15 1976