

BLACK MOUNTAIN CLAIMS(Graphite)

BAKER COUNTY
BAKER DISTRICT

(Foreword)

This examination was made on a request basis. The owners stated that the Portland office had suggested such an examination be made after examining a sample taken directly to said office last summer. The sample reportedly was classified as exceptionally pure, highgrade graphite.

Owners:

W. H. Cummins, 10627 N. E. Pacific Street, Portland, Oregon
H. G. Kibbey, 219 S. E. 28th Avenue, Portland, Oregon

Location:

T 11 S, R 39 E; Sections 7, 8, 17, 18. This is on the Black Mountain road and on the east flank of Black Mountain at an aneroid elevation of 5750 feet.

Area:

No claims have been staked officially as yet, but notice has been posted for several claims and plans are to stake out 8 or 10 claims.

Development:

Three small pits constitute the only development work done, but natural outcrops are common.

Geology:

Graphitic schist and granite constitute the country rocks to be seen in the general area in which the proposed claims are to be located. Relatively pure appearing graphite was to be obtained from one of the test pits. The streak from which this graphite was obtained was not more than 6" in thickness, and was apparently walled by granite on one side and schist on the other. Natural outcrops of schist were not uncommon but while this was carbonaceous, it appeared to be by no means excessively so. Occasional streaks of quite highly graphitic schist apparently do exist judging from float pieces seen, and Cummins reports a 3 to 4 foot vein of the pure highgrade graphite exists although no attempt or offer was made to show this to the writer.

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Conclusions:

The owners were appraised of the distinction between their highgrade graphite and the graphitic schist bedrock and they readily conceded a lack of tonnage of highgrade. They were, however, reluctant to concede on the potentialities of the schist as a valuable mineable lowgrade occurrence. A sample of this material was taken accordingly by way of illustrating differences in grade. The sample in question is IB-125. The number of the highgrade sample taken directly to Portland in 1947 is not known.

Report:by: N. S. Wagner
Date of examination: July 24, 1948
Date of report: July 27, 1948
Informant: Messrs. W. B. Cummins and
H. G. Kibbey.

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STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
PORTLAND, OREGON