



DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

BAKER FIELD OFFICE

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TOM McCALL
GOVERNOR

January 19, 1970

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Mr. Norman Peterson
State Dept. of Geology and Mineral Industries
Grants Pass Field Office
P. O. Box 417
Grants Pass, Oregon 97526

Dear Norm:

Libbey and Wag (Ore-Bin Vol. 13, No. 11, Nov. 1951) described a manganese nodule occurrence near Hamilton in Grant County. They mentioned, but did not describe, an occurrence on the Hay Creek ranch, possibly the same occurrence the samples you gave me were taken from.

Libbey and Wag discounted the classic theory of sea bottom origin for the Hamilton occurrence. They suggested that the nodules were localized during evaporation of manganese bearing surface waters.

I will look at the Hay Creek occurrence when I get a chance.

Regards,

HOWARD C. BROOKS

HCB/aw

cc: R. E. Corcoran