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U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USEG FORM D-212

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT DATE July 18, 1951

EXAMINED BY: Crossman & Honkala

STATE Idaho

DATE RECEIVED: July 18, 1951

COUNTY Bear Lake

DISTRICT Bennington

1. NAME OF PROPERTY: Wright mine of Teton Phosphate Co. Inc. E₂ of 14 T. 12 S. R. 14 E. from Boise Mer.

2. DIRECTIONS TO PROP. SITY: 2.8 mi. E. of Bennington, Idaho, between Bennington Canyon and Joe's Gap.

3. OWNER OR LESSEE: Teton Phosphate Co. Inc. (owner), (Lessee): Soil Life Inc., Boise, Idaho.
ADDRESS: c/o Mr. Conover Wright, Montpelier, Idaho.

4. PUBLISHED REFERENCES: 1. "Geology and Geography of southeastern Idaho", by G.R. Mansfield, U.S.G.S. Prof. Paper 152. (See map of Montpelier Quadrangle). (See 1/ under item 9)

5. MINE WORKING: 1-30' adit partially open; 2 other adits caved in, no information available also about 100' wide, 10-20' high open cut.

6. TYPE OF EXAMINATION: Geiger counter and geological reconnaissance.

7. INDICATIVE REPORT: TYPE AND AMT Phosphatic shale of Permian Phosphoria fb.

WALL ROCKS: Phosphatic shale.

ONE MINERAL, PRIMARY: Not determined, (collonhane?)

ONE MINERAL, SECONDARY: Not determined

GENERIC MINERALS: Phosphatic shale

OR-DIAGENIC RELATIONSHIPS: bedded

ATTITUDE: Too contorted for accurate dip measurement.

LENGTH STRIKE OR OTHER: 4000' est. is scaled from Mansfield's map. 50' est. 20' est.

8. COUNTER TYPE: BACKGROUND: .02 mr/hr

9. SAMPLE INFORMATION		TYPE	CU PERCENTS	CHEM. ASSAY	LOCATION
SAMPLE NO.			OR C/P	PERCENTS	
CH-1 (51726)	Grab		(.15 mr/hr = 0.0125%)	0.020 0.022% eU	6 ft. into main adit near base of left wall.
CH-2 (51727)	do.		(.12 mr/hr = 0.010%)	0.011 .013% eU	20 ft. into main adit, 2' up from floor on right wall.
CH-3 (51728)	do.		.08 mr/hr = 0.006%	0.008 .010% eU	Center of open pit face 6 ft. below surface.

1/ Reconnaissance shows the geology near this deposit to be somewhat different than that which is shown on Mansfield's map. The Rex chert could not be located hence it is impossible to tell which phosphatic shale zone crops out here. The phosphatic shale is faulted apparently against the red shales and siltstones of the upper Thaynes (Portneuf)fb. Overlying the red shale is limestone of the Thaynes and both are folded into a small N-S trending anticline, which in turn is faulted(?) against the Jurassic Nugget formation.

10. UNPUBLISHED REFERENCES: None

[REDACTED]

11. PROOF OF OWNERSHIP RECEIVED: NO

12. SUPPLEMENTAL REPORT TO FOLLOW: NO

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