

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland 5, Oregon

Josephine Co.  
Illinois Valley Dist.

## MEMORANDUM REPORT OF MINERAL SURVEY

Time spent: One day was spent on this report including the field work, research and preparation. The work was done at the request of the State Land Board.

Location: The parcel of land lies in  $S\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  sec. 31, T. 37 S., R. 7 W., also NE $\frac{1}{4}$  SE $\frac{1}{4}$  sec. 36, T. 37 S., R. 8 W., Josephine County at the head of Draper Crk., a tributary of Deer Creek and is about 4 miles NE of Selma.

Geology: Rocks of the Galice formation of Jurassic age crop out in several places. The rocks are finely layered sandy shales and fine to medium grained impure sandstone, some with slaty cleavage. These rocks weather to a sandy clayey soil. The overburden is usually thick over the Galice rocks.

The valleys of Draper Creek with its branches are filled with late alluvium. This fill is probably fairly deep. Most of it is sand and clay with very little gravel or boulders present. Very few heavy minerals are present in the stream itself. Quartz fragments made up practically all of several "pans" sampled.

Conclusions: The brief examination showed no minerals of economic value present. There have been no assays submitted from this section to our office. Long-time residents have heard of or seen no economic minerals in the area. The closest mineral deposit of any consequence is the McFarlane Brick Plant which is about a mile and a half from the land examined. The plant is no longer in operation. There has been some low-grade coal found about 4 miles SW of the land examined. No trace of any



coal was found during the present examination. The land seems to have no apparent value as a mineral lease, and the best use could either be farming or grazing.

Water & Ditch Rights: Court-house records show a water and ditch right totaling 40 acres of the parcels mentioned by authority of the Priority of 1887. 0.8 cfs is authorized through the "Craig" ditch. (Josephine County Court House).

Reference: Preliminary Geologic map of the Kerby Quadrangle, Oregon, by F. G. Wells, etc. (1948).

Report by: Max Schafer 6-7-55.

Visited: 6-6-55.