

5 mi. NW of Fairdale School

607

Yamhill, Fairdale, 9441.



No loc. given

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

702 WOODLARK BUILDING PORTLAND 5, OREGON

Gabbro in the Coast Range. Intrusive Sample submitted by Dave Sears

General Laboratory Number 3822

Date received 7/26/45

Spectrographic Laboratory Number 1262

Sample received from WDL

QUALITATIVE SPECTROGRAPHIC ANALYSIS (Quantities estimated to nearest power of ten)

1. Elements present in concentrations over 10%.

Si, Al, Fe, Ca, Mg

2. Elements present in concentrations 1% - 1%.

Na, Ti, S

3. Elements present in concentrations 1% - 0.1%.

Mn, Sr

4. Elements present in concentrations 0.1% - .01%.

Cr, V, Ni

5. Elements present in concentrations .01% - .001%.

Zr, Ba

6. Elements present in concentrations below .001%.

Mo, Cu

Direct

Thomas C. Matthews, Spectroscopist