**Benton Area Claim**

<table>
<thead>
<tr>
<th>Name</th>
<th>Old Names</th>
<th>Principal Ore</th>
<th>Minor Minerals</th>
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<tbody>
<tr>
<td>14S</td>
<td>42E</td>
<td>S W ^1/4 17</td>
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</table>

**Published References**

**Miscellaneous Records**

**Present Legal Owner(s):**
- Ben Bramley
- Jan Walker

**Address:**
- Fresno, Calif.

**Operator:**

<table>
<thead>
<tr>
<th>Name of Claims</th>
<th>Area</th>
<th>Pat.</th>
<th>Unpat.</th>
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<td>4</td>
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**Equipment on Property**
GREENHORN CHROME CLAIMS

Willow Creek District
Malheur County

Owner: Ben Bramley, Brogan, Oregon; Jim Walker, Glenwood Springs, California.

Location: At the junction of Basin and Willow Creek in the SW¼ of Section 17, T 14 S, R 42 E.

Area: 4 unpatented lode claims.

History: Located in 1935.

Geology: The southwest claim: White slate strikes N 50° E, dipping 35° NW. A narrower (50') band of sheared serpentine and serpentinized slate includes a lens of spotted low-grade chromite ore (possibly 35% Cr₂O₃) 6' long and 1' wide. This lies under a hard white slate and over black shaly serpentine.

Northwest claim: A parallel band 300 yards to the southeast of the discovery point lies northeast of the creek forks and shows a small high-grade, irregularly-shaped body underlying a black shaly-looking serpentinite. This appears to be 100' west of the contact between the serpentinite and a massive aphanitic dunite (?). It may have been squeezed into this "dunite" from the serpentinite. The "dunite" shows numerous calcite and aragonite stringers. Lime-stone boulders and lake-bed wash have slid down from the old surface above which is capped with mesa basalt.

Development: Numerous small prospect cuts and shallow tunnels.

Remarks: It is possible that a small amount of high-grade chromite can be developed and trucked out. Insufficient low-grade ore is present for milling purposes.

June 23, 1938

John Eliot Allen
Field Geologist