Owners: Greg G. Cooper, Riddle, Oregon; S. J. Cooper, Faye M. Cooper, B. A. Young and Lova Young, Roseburg, Oregon.

Area: Five lode claims held by location include the Morning Star, Age of Progress, Kimberley, Transval and Comstock.

Location: Three claims are located in the SW¼ Sec. 3 and two in the NW¼ Sec. 10, T. 31 S., R. 2 W. The claims are contiguous and join on the section line between 3 and 10 and also border sections 4 and 9.

The area was reached via Highway 227 to a new bridge and access road across Elk Creek about 3 miles south of Tiller then via ½ mile of trail up the steep hillside north of the small gulch coming into Elk Creek from the west. The main prospect is on the southeast slope of a bare ridge about 1,750 feet elevation near the corner common to sections 3, 4, 9, and 10.

Development: The principal workings examined is a bulldozer cut about 50 feet in diameter and 1 to 4 feet deep.

Geology: The country rock is a partially serpentinized olivine-rich peridotite grading into dunite. Lenses of disseminated to massive magnetite up to 2 feet wide occur in a zone intermittently exposed for about 45 feet. The zone strikes about N. 20° E. and appears to dip steeply.

Dip needle readings taken across the zone vary from a background of 10° up to 20° directly over the zone. A large number of dip needle readings taken over the areas mainly to the south and out the ridge to the north failed to disclose any anomalous dips.
Cooper-Young Iron Prospect

A grab sample (UG-182, P-25470) of massive magnetite from the pit assayed 67.17 percent Fe, Trace Cr$_2$O$_3$, Trace TiO$_2$, and Nil platinum group.

Visited: 7/25/60 with S. J. Cooper and B. A. Young.

Report by: Len Ramp, 9/9/60.

**********
NAME AND LOCATION

DEPOSIT NAME: COOPER AND YOUNG PROSPECT

MINING DISTRICT/AREA/SUBDIST: TILLER-DREW

COUNTRY CODE: US
COUNTRY NAME: UNITED STATES

STATE CODE: OR
STATE NAME: OREGON

COUNTY: DOUGLAS
DRAINAGE AREA: 17100302 PACIFIC NORTHWEST
PHYSIOGRAPHIC PROV: 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION: 00

QUAD SCALE: 1:62500
QUAD NO OR NAME: TILLER

LATITUDE: 42-54-05N
LONGITUDE: 122-56-27W

UTM NORTING: 4749658.0
UTM EASTING: 504831.8
UTM ZONE NO: +10

TWP: 31S
RANGE: 02W
SECTION: 03, 09
MERIDIAN: W.M.

ALTITUDE: 1750

LOCATION COMMENTS: COR 3,4,9,10

COMMODOITY INFORMATION
COMMODITIES PRESENT: FE
MACNETITE
ANALYTICAL DATA (GENERAL)
SAMPLE OF MORE MASSIVE MAGNETITE ASSAYED 67.17% FE

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
  MASSIVE MAGNETITE, DISSEMINATED

FORM/SHAPE OF DEPOSIT: LENS

SIZE/DIRECTIONAL DATA
  SIZE OF DEPOSIT: SMALL
  MAX LENGTH: 45 FT
  MAX WIDTH: 2 FT
  STRIKE OF OREBODY: N20E
  DIP OF OREBODY: 90

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS (DESCRIPTION OF WORKINGS):
  BULLDOZER CUT

PRODUCTION
  NO PRODUCTION

ANNUAL PRODUCTION (ORE, COMM. MIN. CONC., OVERBURD.)
  23 ORE, FE, SML SAMPLE PRE 1972 67 FE

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: JUR
HOST ROCK TYPES: PERIDOTITE

GENERAL REFERENCES
1) RAMP, L., 1972, GEOLOGY AND MINERAL RESOURCES OF DOUGLAS COUNTY; OOGMI BULL. 75, P. 46
REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein fully and submit this blank filled out along with the sample.

Your name in full: Len Ramp (DOGANT)
Street or P.O. Box: P.O. Box 417
Are you a citizen of Oregon? Yes
Name (or names) of owners of the property: Cooper & Young
Are you hiring labor? Are you milling or shipping ore? ________________
Name of claim sample obtained from: ___________________
Age of Progress
Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)
County: Douglas
Mining District: Tillamook-Draw
Township: 31 S
Range: 2 W
Section: 10
Quarter section: NW
How far from passable road? 3/4 mile
Name of road: Hwy. 227
Sample no. 1: x
Sample no. 2: ________________ (Samples for assay should be at least 1 pound in weight)

(Signed) ________________ Len Ramp

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description: Massive magnetite from dunite.

<table>
<thead>
<tr>
<th>Sample number</th>
<th>GOLD oz./T. Value</th>
<th>SILVER oz./T. Value</th>
<th>PLATINUM GROUP</th>
<th>CHROME Cr203</th>
<th>IRON Fe</th>
<th>TITANIUM Ti02</th>
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</thead>
<tbody>
<tr>
<td>P-25470</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
<td>Nil</td>
<td>Trace</td>
<td>-</td>
</tr>
<tr>
<td>UG-182</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
<td>Trace</td>
<td>67.17%</td>
<td>Trace</td>
</tr>
</tbody>
</table>

Report issued __________________ Card filed __________________ Report mailed 8-12-60 Called for __________________

SIR-5