

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 94-7399

Exam Date: 10/4/2007

1. Current Owner: NEW JERSEY MINING CO  
PO BOX 1019  
KELLOGG ID 83837  
(208)783-3331
2. Accompanied by: GRANT BRACKEBUSH  
Phone No: 208-783-1032  
Address: SAME AS ABOVE  
Relationship to Permit Holder: VICE PRESIDENT

3. SOURCE

LONE CABIN CREEK

TRIBUTARY

NORTH FORK COEUR D ALENE RIVER

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

**C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:

LONE CABIN CREEK L3 NW1/4SW1/4 Sec. 19, Twp 51N, Rge 01W, B.M. KOOTENAI County

Method of Determination: GPS

2.

PLACE OF USE: MINING

| Twp Rge Sec | NE |    |    |    | NW |    |    |    | SW |     |    |    | SE |    |    |    | Totals |
|-------------|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|--------|
|             | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW  | SW | SE | NE | NW | SW | SE |        |
| 51N 01W 19  |    |    |    |    |    |    |    |    |    | X   |    |    |    |    |    |    |        |
|             |    |    |    |    |    |    |    |    |    | L 3 |    |    |    |    |    |    |        |

## Method of Determination:

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

| <u>Well or Diversion</u><br><u>ID No.*</u> | <u>Motor Make</u> | <u>Hp</u> | <u>Motor Serial No.</u> | <u>Pump Make</u> | <u>Pump Serial No. or Discharge</u><br><u>Size</u> |
|--------------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------------|
| _____                                      | _____             | _____     | _____                   | _____            | _____                                              |
| _____                                      | _____             | _____     | _____                   | _____            | _____                                              |
| _____                                      | _____             | _____     | _____                   | _____            | _____                                              |
| _____                                      | _____             | _____     | _____                   | _____            | _____                                              |

\*Code to correspond with No. on map and aerial photo

## D. FLOW MEASUREMENTS

1.

| <u>Measurement</u><br><u>Equipment</u> | <u>Type</u> | <u>Make</u> | <u>Model No.</u> | <u>Serial No.</u> | <u>Size</u> | <u>Calib. Date</u> |
|----------------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|
| _____                                  | _____       | _____       | _____            | _____             | _____       | _____              |
| _____                                  | _____       | _____       | _____            | _____             | _____       | _____              |

2. Measurements:

5 gallon Bucket

## E. FLOW CALCULATIONS

Measured Method:

5 gal in 6 seconds

50 gpm

0.11 cfs

☐ Additional Computation Sheets Attached

**F. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

## 2. Volume Calculations for Other Uses:

$$.11 \text{ cfs} = 79.6 \text{ AF}$$

**G. NARRATIVE/REMARKS/COMMENTS**

THIS SYSTEM PULLS WATER OUT OF LONE CABIN CREEK. THEY HAVE A PORTABLE 5.5 HP HONDA PUMP THAT PULLS WATER OUT OF LONE CABIN CREEK FOR MINING OPERATIONS. THEY ONLY USE THE WATER FROM THE CREEK WHEN THE EXISTING MINE DISCHARGE AND SURFACE RUNOFF IS NOT ENOUGH TO CONDUCT OPERATIONS. THE PLACE OF USE IS IN THE MINE SHAFT BUT THERE IS NO WAY TO INPUT THAT IN THE COMPUTER SO THE PLACE OF USE IN THE SYSTEM WILL BE MARKED AT THE ENTRANCE OF THE MINE. A MEASUREMENT OF 5 GALLONS IN 6 SECONDS WAS TAKEN DURING THE FIELD EXAM.

Have conditions of permit approval been met? ☒ Yes ☐ No

**H. RECOMMENDATIONS**

## 1. Recommended Amounts

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| MINING                | 01/01 to 12/31       | 0.110 CFS             | 79.60 AF             |
| <u>Totals:</u>        |                      | 0.110 CFS             | 79.60 AF             |

## 2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

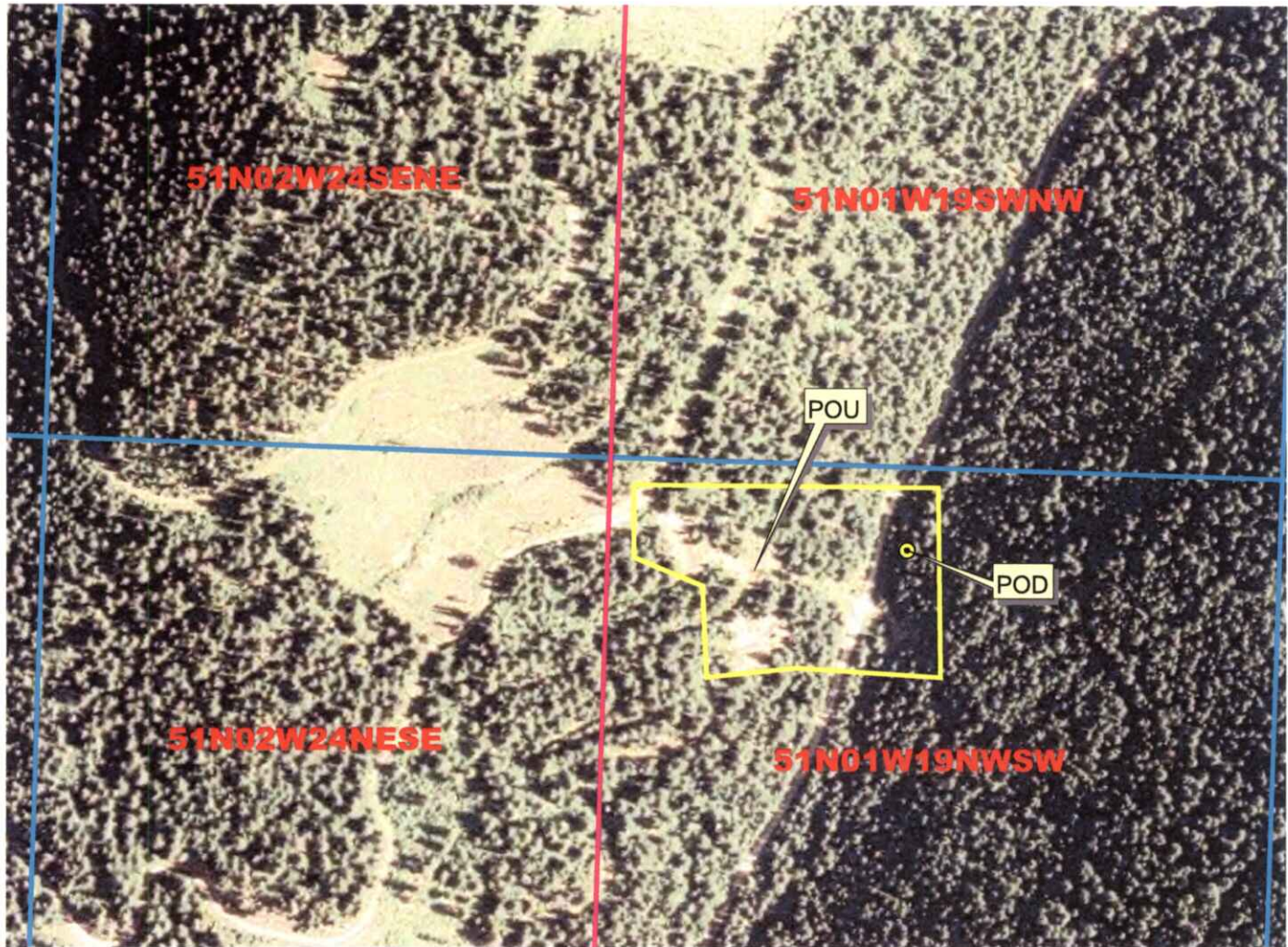
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

**I. AUTHENTICATION**

Field Examiner's Name [Signature] Date 12-14-07

Reviewer [Signature] Date 12/28/7

# 94-7399



-  Administrative BasinsAdminbas.shp
-  Township/Range
-  Sections
-  QQ
-  Right POD
-  Pou.shp





HOLDING TANK 1



HOLDING TANK 2



MINE ENTRANCE 1



MINE ENTRANCE 2



PIPING FROM CREEK



POINT OF DIVERSION



PUMP 1



PUMP 2

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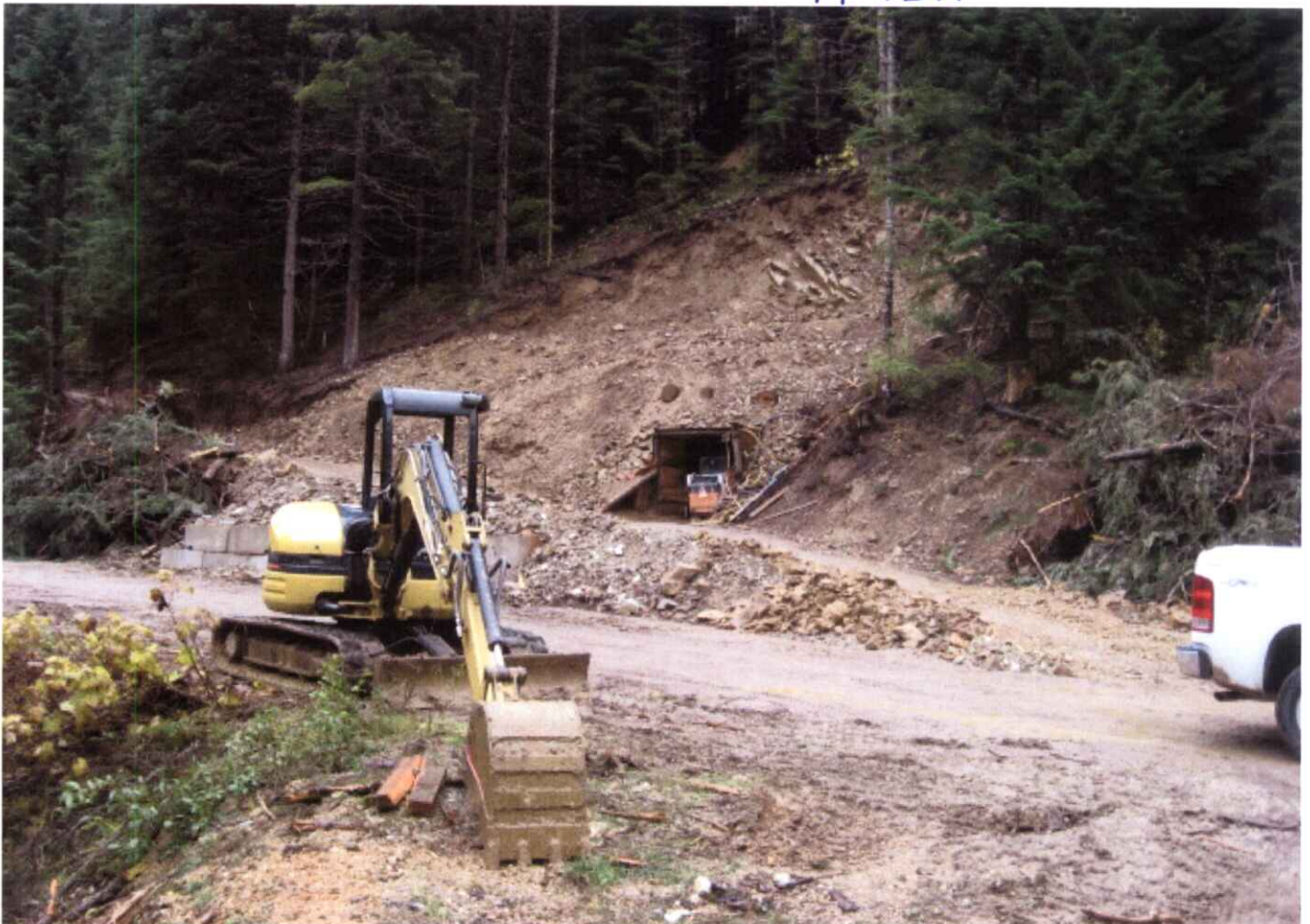


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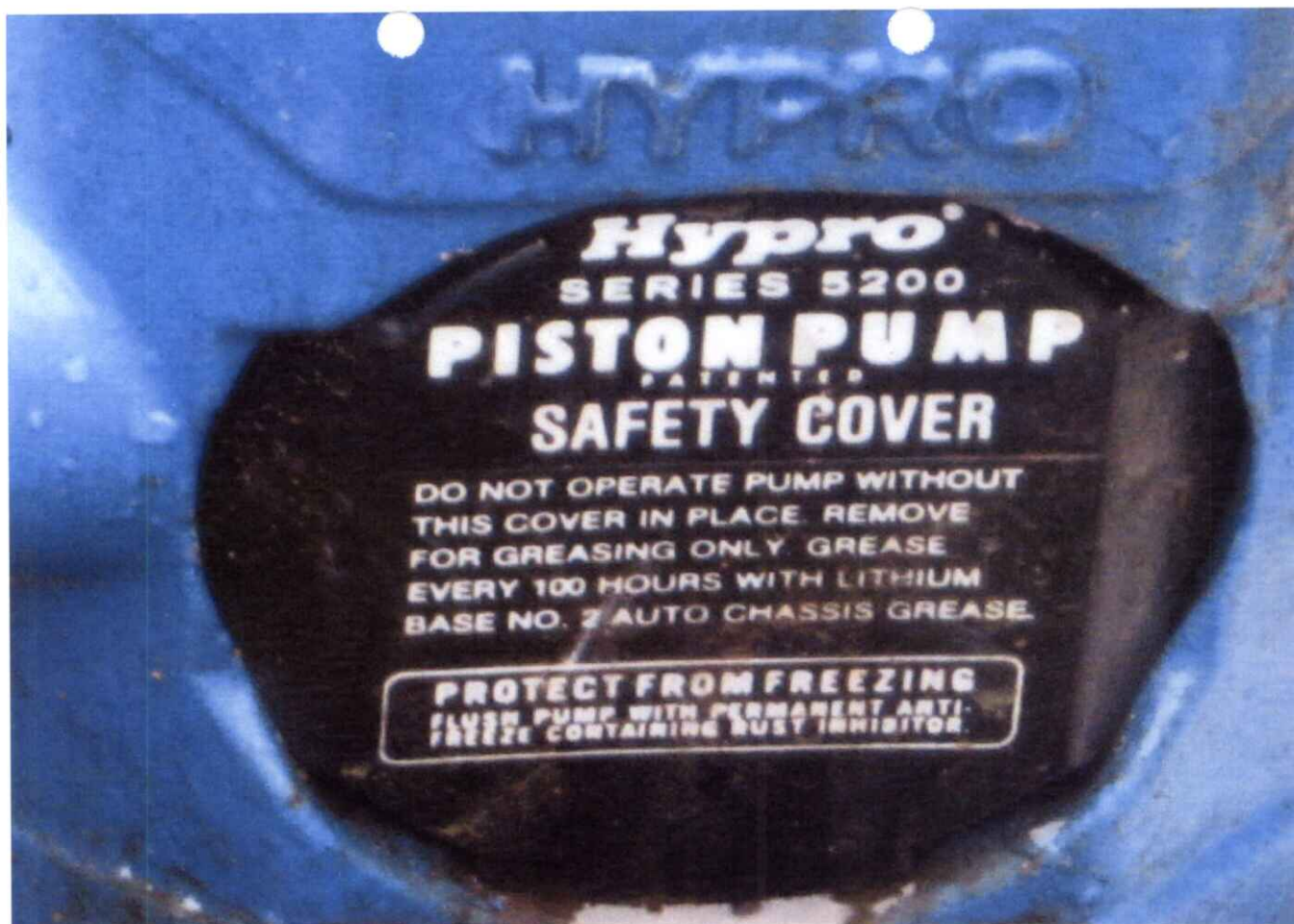
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