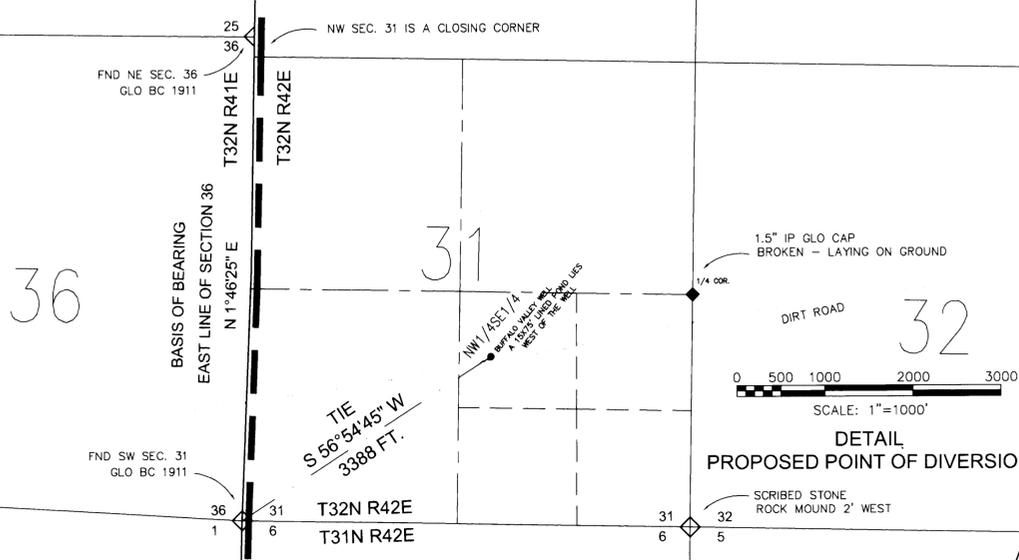


PROPOSED POINT OF DIVERSION  
SEE DETAIL AT BOTTOM

PROPOSED PLACE OF USE



**REFERENCE MAP FOR  
EXISTING PLACE OF USE  
AND POINT OF DIVERSION**

**EXISTING PLACE OF USE:**

T.31N., R43E., M.D.M.:  
SECTIONS 21, 22, 27, 28, 33, AND 34  
T.30N., R43E., M.D.M.:  
SECTIONS 9 AND 10  
PLEASE SEE MAP SUPPORTING PERMIT NUMBERS 49459-49462  
FILED WITH THE STATE ENGINEER'S OFFICE ON OCT. 21, 1985

**EXISTING POINT OF DIVERSION:**

PHOENIX MINE - P2 (PIT SUMP)  
PLEASE SEE SAME MAP FILED OCT. 21, 1985

**PROPOSED PLACE OF USE**

T.32N., R42E., M.D.M.:  
SECTIONS 27, 28, 29, 30, 31, 32, 33, AND 34  
T.31N., R42E., M.D.M.:  
SECTIONS 3, 4, 5, 6, 7, 8, 9, AND 10  
SEE DEPICTION AT LEFT

**PROPOSED  
POINT OF DIVERSION**

PHOENIX MINE - BUFFALO VALLEY WELL  
SEE DEPICTION AT LEFT

MARK C. BOGE, PLS  
2065 SAWYER WAY  
Elko, Nevada 89901  
phone (775) 777-2922  
49460\_CHANGE\_082107.PDF

STATE OF NEVADA )  
                          ) ss.  
COUNTY OF ELKO   )

I, MARK C. BOGE, being first duly sworn, depose and say that site inspections have been made by me or under my supervision and direction, between the 13th day of August and the 14th day of August, 2007; that the location of each reference monument has been verified by site inspection; that the points of diversion and place of use sites have been inspected; that this map consisting of 1 sheet, numbered from 1 to 1, inclusive, has been correctly drawn to the designated scale from surveying calculation notes prepared by me, or under my supervision and direction, relying upon analysis of recorded surveying maps and documents in the State Engineer's Office and the BLM Nevada State Office, Reno, NV; that this map truly and correctly represents the proposed location and extent of the works used to divert water from underground, in Humboldt and Lander Counties, Nevada, by Battle Mountain Gold Company.

*Mark C. Boge*  
Nevada State Water Right Surveyor No. 662



SUBSCRIBED and SWORN to before me  
this 22nd day of August, 2007.

*P.J. Glass*  
Notary Public in and for  
Elko County, Nevada  
My Commission Expires April 11, 2010.



**NOTES:**

- EXCEPTING THE P.O.D. TIES AND FIELD INSPECTIONS CERTIFIED TO ABOVE, THE DEPICTIONS ON THIS MAP ARE DEVELOPED BY METHODS OTHER THAN FIELD SURVEY.
- BASIS OF BEARINGS REFERENCE "GPS", PRECISION 1 METER. THE BASIS OF BEARING IS NAD 27, THE NEVADA STATE PLANE COORDINATE SYSTEM, EAST ZONE. DISTANCES SHOWN ARE GROUND DISTANCES.
- SECTION LINES ARE PROTRACTED BY REFERENCE TO BLM GEOGRAPHIC COORDINATE DATA BASE.

**LEGEND**

- FOUND CORNERS AS NOTED SECTION AND 1/4 SECTION MONUMENTS
- PROPOSED PLACE OF USE
- PROPOSED POINT OF DIVERSION  
8" DIA. WELL "BUFFALO VALLEY WELL"  
A 15X75' LINED POND LIES WEST OF THE WELL



T31 & 32N, R42E, MDM  
0 1000 2000 4000 6000  
SCALE: 1"=2000' (PLACE OF USE)

STATE ENGINEER'S USE



MAP TO ACCOMPANY APPLICATION TO CHANGE  
POINT OF DIVERSION AND MANNER OF USE  
AND PLACE OF USE  
UNDER PERMIT 49460 (CERTIFICATE 14024)

FOR MINING AND MINERAL EXPLORATION  
BY BATTLE MOUNTAIN GOLD COMPANY  
FROM UNDERGROUND  
IN HUMBOLDT AND LANDER COUNTIES, STATE OF NEVADA