

STATE OF COLORADO)
 COUNTY OF MESA)

I, William T. Cohan, being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scales from field notes of a survey made by me between March 19, 2005 and March 20, 2005 and that it truly and correctly represents the proposed locations and extent of the works used to divert water from underground sources, in Washoe County, Nevada, by Barium Inc., for mining and milling purposes. That the proposed point of diversion and return, the location of the mines and mill, the approximate size of the and capacity of the diverting conduit, and the location and names of all other works or streams which are crossed by or connected with said works are fully and correctly designated hereon.

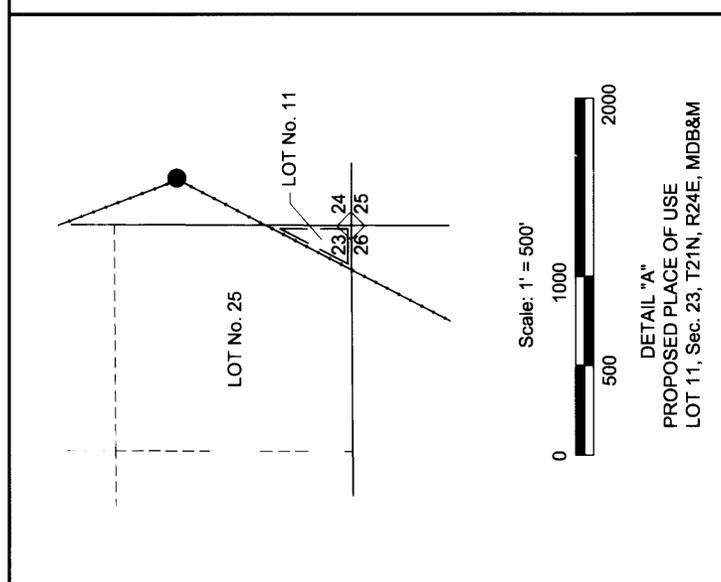


State Water Right Surveyor No. 868
 MY SEAL EXPIRES 12/31/2006
 Subscribed and sworn to before me
 this 13th day of June, 2005

Amanda Alire
 Notary Public in and for Mesa County, Colorado
 My Commission Expires Oct 1, 2008



NOTE: Because of the indefinite location of the boundary between Basin No. 76 and Basin No. 82, said boundary has not been shown on this map.



POSITION OF PROPOSED POINTS OF DIVERSION

| DATUM: | GEODETIC NAD27 | | NV STATE GRID, WEST ZONE | | GEODETIC NAD83 | | NV STATE GRID, WEST ZONE | |
|-----------------|-----------------|------------------|--------------------------|-----------|-----------------|------------------|--------------------------|-------------|
| | Latitude | Longitude | North | East | Latitude | Longitude | North | East |
| APPL. No. 72419 | 39° 39' 56.0" N | 119° 14' 17.9" W | 1,790,293.6 | 315,820.6 | 39° 39' 55.9" N | 119° 14' 21.5" W | 14,913,638.1 | 2,440,009.8 |
| 72420 | 39° 38' 27.2" N | 119° 15' 46.0" W | 1,781,369.5 | 308,666.1 | 39° 38' 27.0" N | 119° 15' 49.6" W | 14,904,714.0 | 2,433,055.2 |

- SOURCES OF SUBDIVISION SURVEY DATA
- 1: Plat of T21N, R24E, MDB&M, approved by US Surveyor General Feb 19, 1907
 - 2: Supplemental Plat of T21N, R24E, MDB&M, approved by U S Surveyor General Feb 25, 1908
 - 3: Plat T21N, R24E, MDB&M, PYRAMID LAKE INDIAN RESERVATION, approved U S Surveyor General May 15, 1913

ALL TIES ARE TRUE MERIDIAN

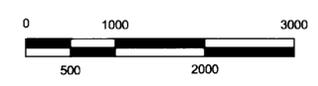
BASIS BEARINGS
 Br Cap S 34 I/ PLIR - Br Cap S 34 | N 00° 02' W (US Notes)
 S 34
 Br Cap STA 3 - Br Cap 7M PLIR: S 27° 29' W (US Notes)

STATE ENGINEER'S USE



Prepared by W T COHAN & ASSOCIATES, INC.
 Grand Junction, Colorado
 May 22, 2005, revised June 10, 2005

Scale: 1" = 1000'



Map to Accompany Application to Appropriate Water For Mining & Milling By Barium Inc. From underground Sources in Washoe County, Nevada