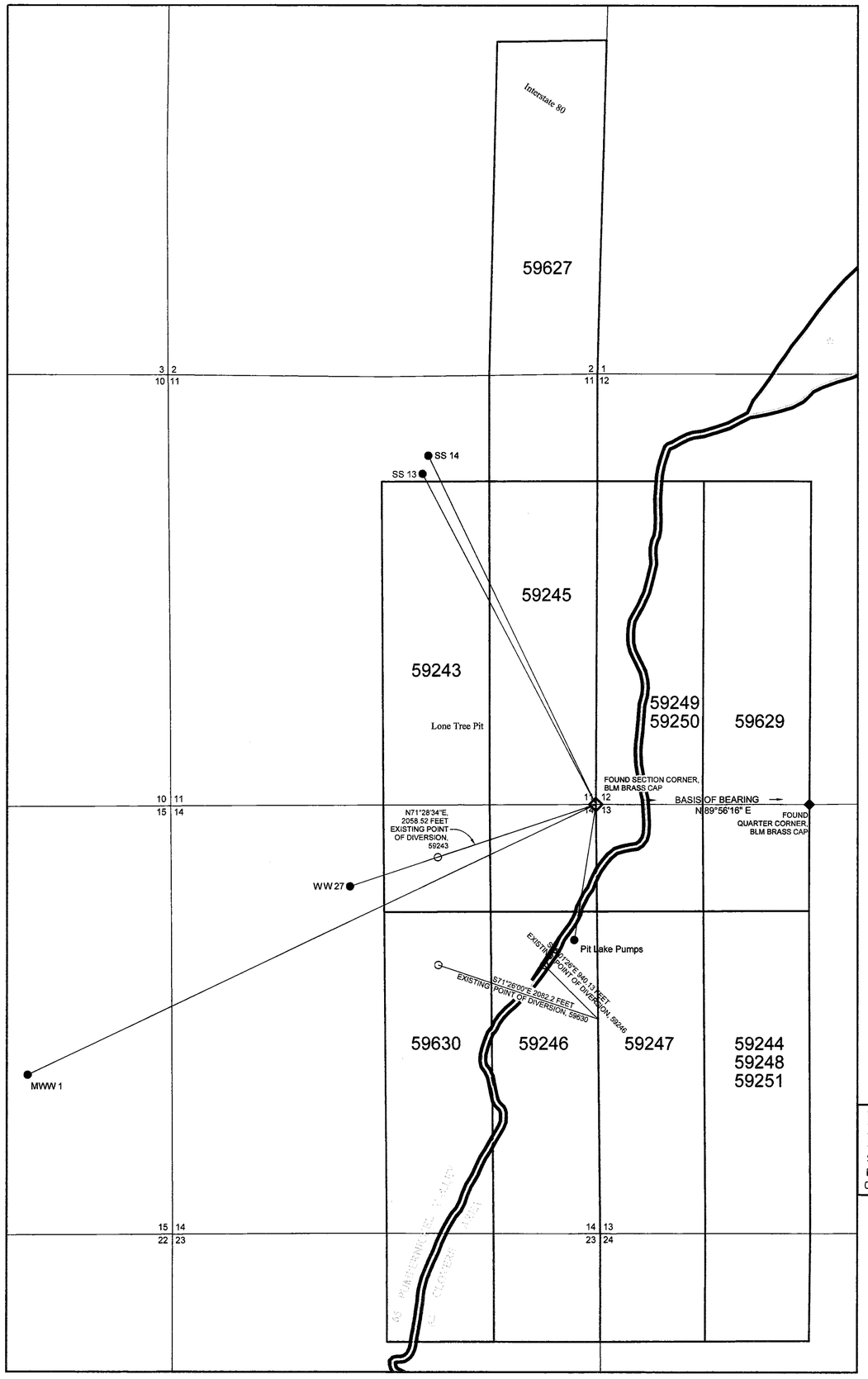

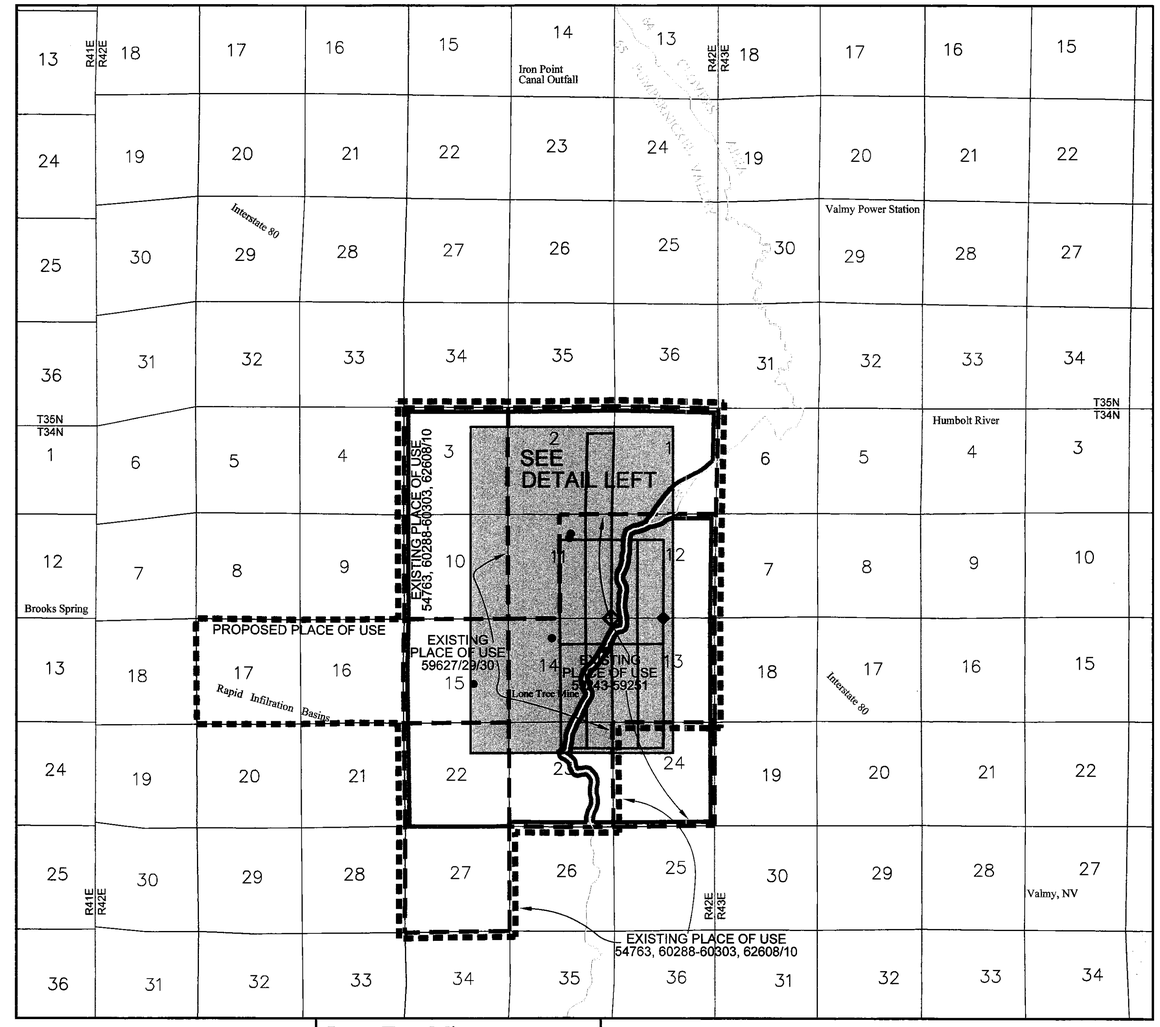

Lone Tree Mine
PLACE OF USE
Scale: one inch = 4000 feet (1:48,000)
0 4000 8000 12000

Lone Tree Mine Dewatering
POINTS OF DIVERSION
Scale: one inch = 800 feet (1:9,600)
0 800 1600 2400

PROPOSED POINTS OF DIVERSION

Bearing and distance to found tie:
SE corner of Section 11, T34N, R42E, MDM

ID	BEARING	DISTANCE (FT)
SS 13	S 27°46'27" E	4597
SS 14	S 25°45'50" E	4764
WW 27	N 71°31'50" E	3200
MWW 1	N 64°33'56" E	7764
Pit Lake Pumps	N 09°02'45" E	1691

LEGEND

- PROPOSED POINTS OF DIVERSION (SEE TABLE)
- EXISTING POINTS OF DIVERSION
- FOUND SECTION CORNERS
- FOUND QUARTER-SECTION CORNERS
- PLACE OF USE
- PROPOSED PLACE OF USE
- WELL-SPACING BLOCK
- ORDER JURISDICTION
- ADMINISTRATIVE AREAS
- COUNTY BOUNDARIES (none)

MAP NOTES

THIS MAP ACCOMPANIES APPLICATIONS FOR TEMPORARY PERMITS. Deviation from the Guidelines and Rules for the Preparation of Water Right Maps (2000) includes use of color and water based ink, absence of water right surveyor affidavit, paper medium, a scale of less than one-inch-to-1000-feet for Place of Use, omission of quarter-section and sixteenth-section details, and strict adherence to Basis of Bearings guidelines (which would require an actual field survey; see Basis of Bearing notes below).

(2002) Boundaries of hydrographic areas of the Humbolt River Region courtesy of Nevada Division of Water Resources (NDWR). Department of Conservation and Natural Resources. These are administrative boundaries rather than strictly hydrologic ones.

* Divergent boundary between Clover Area and Pumpernickel Valley carried over with data file from NDWR

BASIS OF BEARING

The line bearing N89°56'16"E from the SE corner of Section 11 to the S quarter-corner of Section 12, T34N, R42E, M.D.M. is referenced to a compilation of surveyed and protracted BLM GCDB data and historical survey records in the Nevada State Plane Coordinate System, NAD27, East Zone by Mark Boge, Water Rights Surveyor 662, translated to the UTM (NAD27) Coordinate System, Zone 11N (see Map Notes above).

STATE ENGINEER'S USE

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Map to Accompany Applications to Change the Points of Diversion, Manner of Use, and/or Place of Use of All or Portions Under Permits:
59243, 59246 and 59630

For Mining, Milling, Domestic and Dewatering
By Santa Fe Pacific Gold Corporation
From Underground
In Humbolt County, Nevada

S:\CaSouth\Hydrology\Bryce\WELL SPACING\2014\LONE TREE_2014\LT_2014.dwg

84712T 84711T 84710T 84709T 84708T