

TYPICAL OBSERVATION WELL

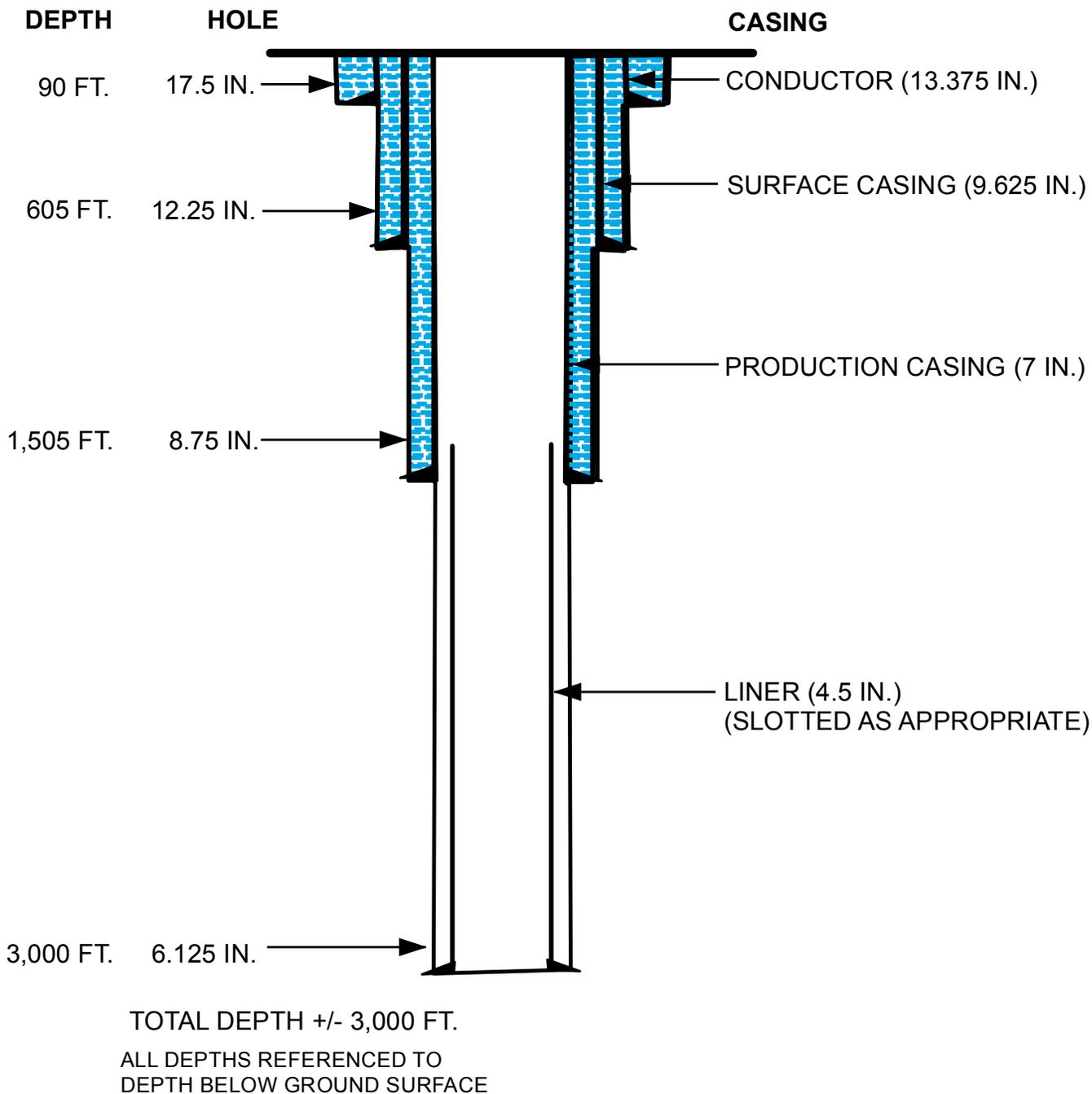


FIGURE 8

OBSERVATION WELL CROSS-SECTION (TYPICAL)

ORMAT DIXIE MEADOWS
GEOTHERMAL EXPLORATION PROJECT

NOT TO SCALE

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BUREAU OF LAND MANAGEMENT
CARSON CITY DISTRICT
STILLWATER FIELD OFFICE
5665 MORGAN MILL ROAD
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MAY 24, 2011

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TYPICAL PRODUCTION WELL

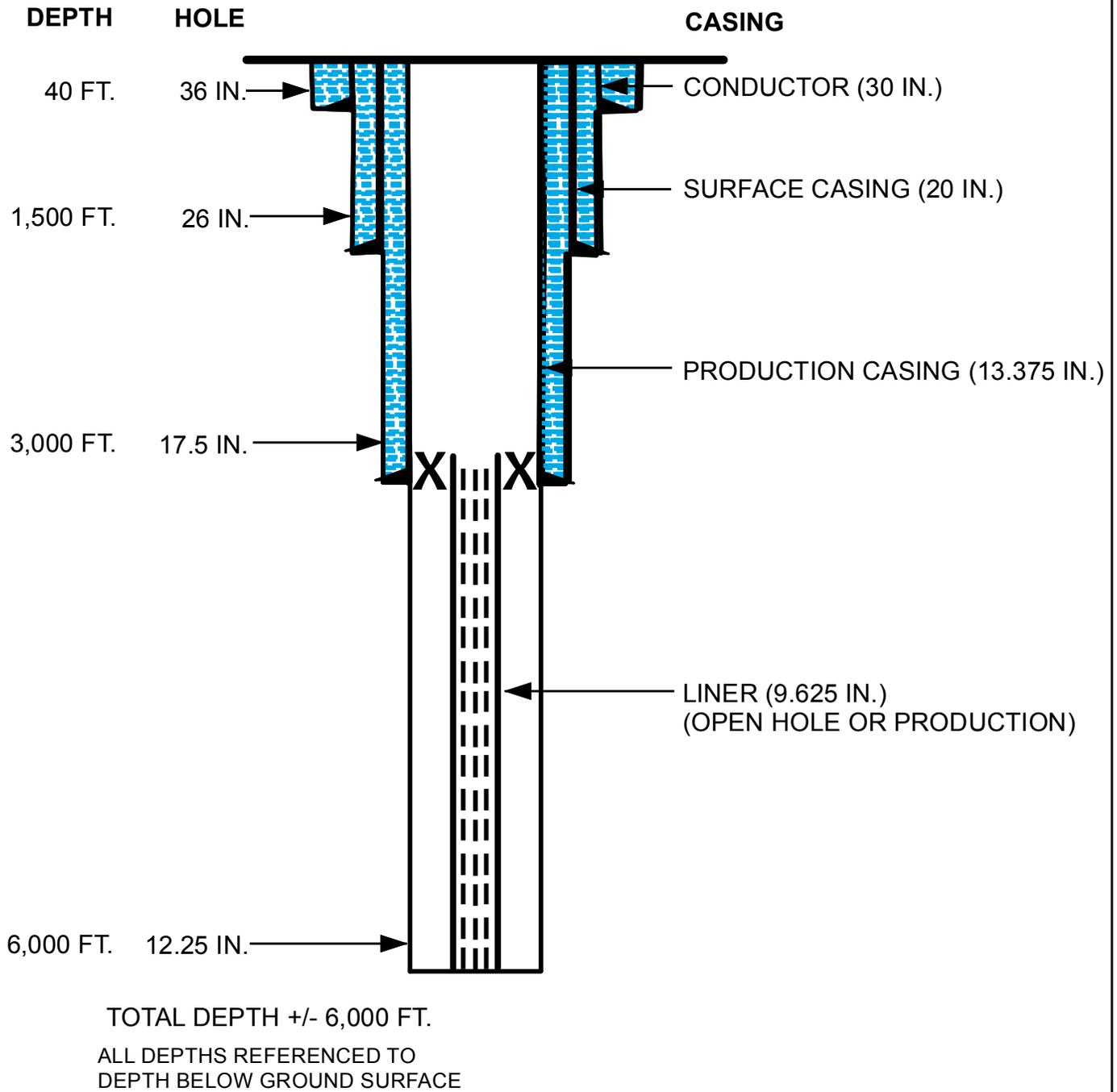


FIGURE 9
 PRODUCTION WELL CROSS-SECTION (TYPICAL)
 ORMAT DIXIE MEADOWS
 GEOTHERMAL EXPLORATION PROJECT

NOT TO SCALE

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SOIL MAP UNITS

- BLUEWING-PINEVAL ASSOCIATION
- BANGO-STUMBLE ASSOCIATION
- REDNIK-TROCKEN-GENEGRAF ASSOCIATION
- SETTLEMENT-LOUDERBACK-RUSTIGATE ASSOCIATION
- SETTLEMENT-CHUCKLES-RUSTIGATE ASSOCIATION
- SLAW-TROCKEN-CHUCKLES ASSOCIATION
- CHUCKLES-BANGO ASSOCIATION
- CHUCKLES-PLAYAS-SLAW ASSOCIATION
- TROCKEN-BLUEWING ASSOCIATION
- LOUDERBACK-RUSTIGATE-ISOLDE ASSOCIATION
- PLAYAS
- KOLDA-UMBERLAND ASSOCIATION

SOURCE: NATURAL RESOURCE CONSERVATION SERVICE. 2001. WEB SOIL SURVEY OF CHURCHILL COUNTY AREA, NEVADA, PARTS OF CHURCHILL AND LYON COUNTIES (NV 770). WASHINGTON D.C.: U.S. GOVERNMENT PRINTING OFFICE.

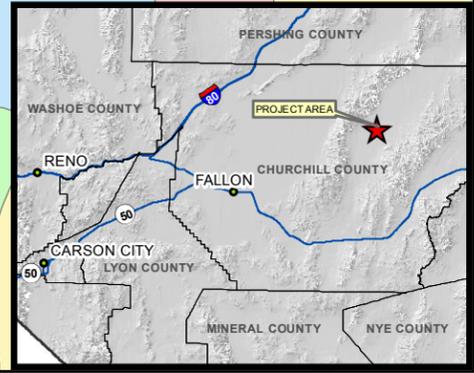
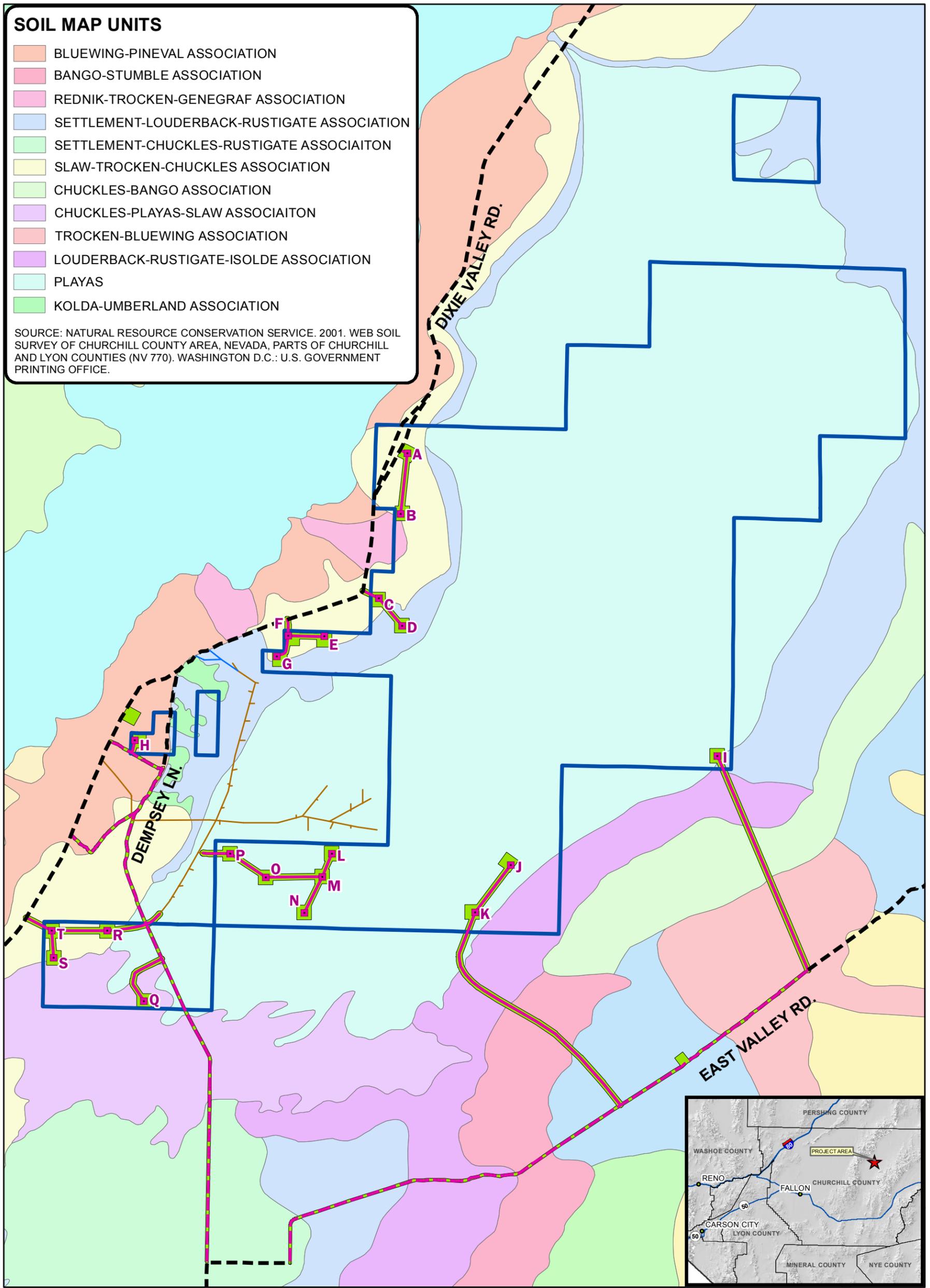


FIGURE 10
SOILS MAP

ORMAT DIXIE MEADOWS
GEOTHERMAL EXPLORATION PROJECT

0 3,000 6,000 12,000
Feet

1" = 6,000 FEET



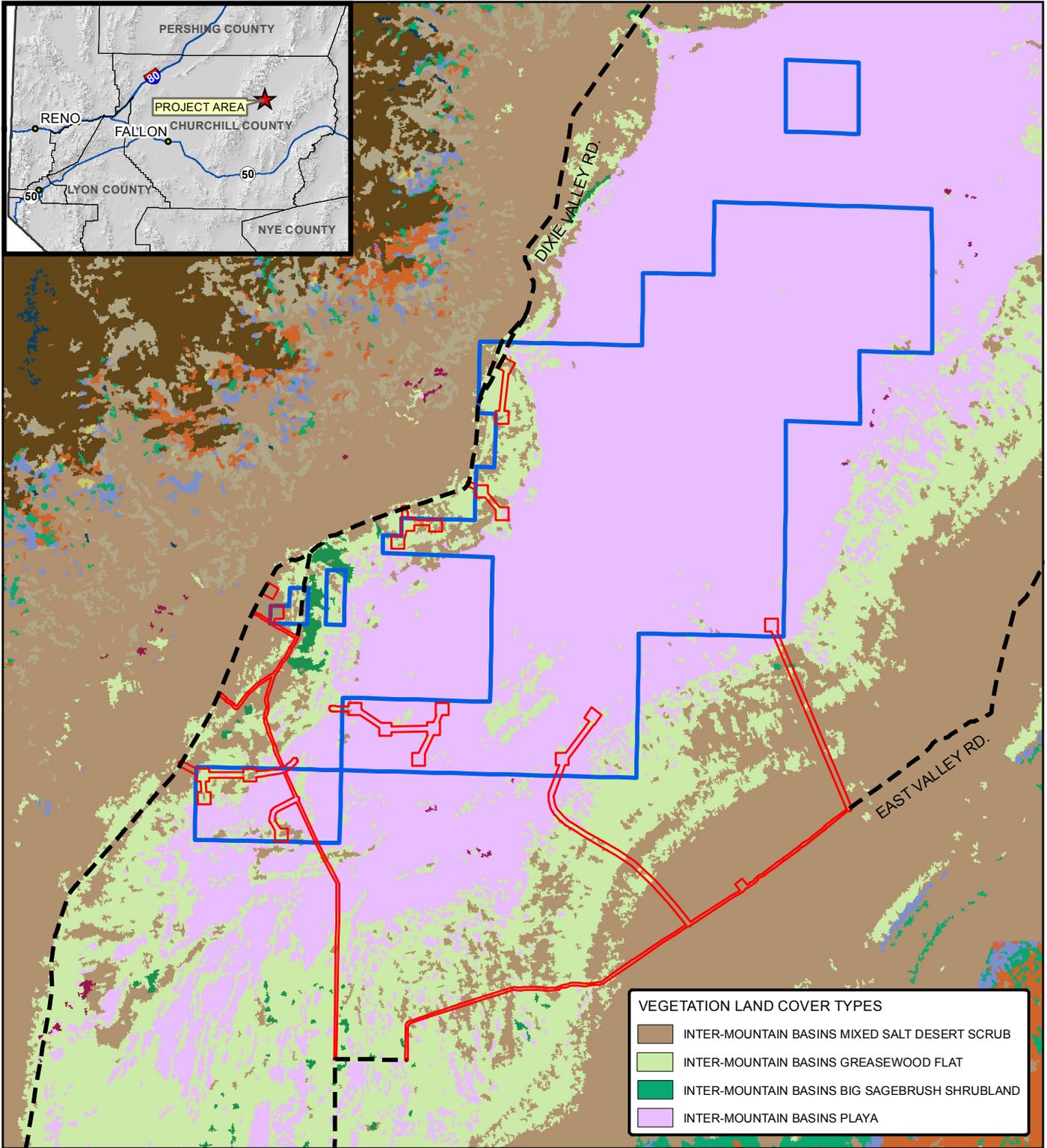
- PROPOSED EXPLORATORY WELL SITE
- EXISTING ROAD PROPOSED FOR ACCESS
- PROPOSED ACCESS ROAD
- PROJECT AREA
- LEASE AREA
- ACCESS ROAD - AMENDMENT TO DIXIE HOPE PROJECT
- DIXIE HOPE APPROVED ACCESS ROUTES
- EXISTING ROADS

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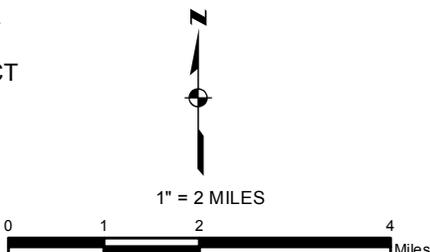
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VEGETATION LAND COVER TYPES	
	INTER-MOUNTAIN BASINS MIXED SALT DESERT SCRUB
	INTER-MOUNTAIN BASINS GREASEWOOD FLAT
	INTER-MOUNTAIN BASINS BIG SAGEBRUSH SHRUBLAND
	INTER-MOUNTAIN BASINS PLAYA

FIGURE 11
 VEGETATION LAND COVER TYPES
 ORMAT DIXIE MEADOWS
 GEOTHERMAL EXPLORATION PROJECT

PROJECT AREA
 LEASE AREA

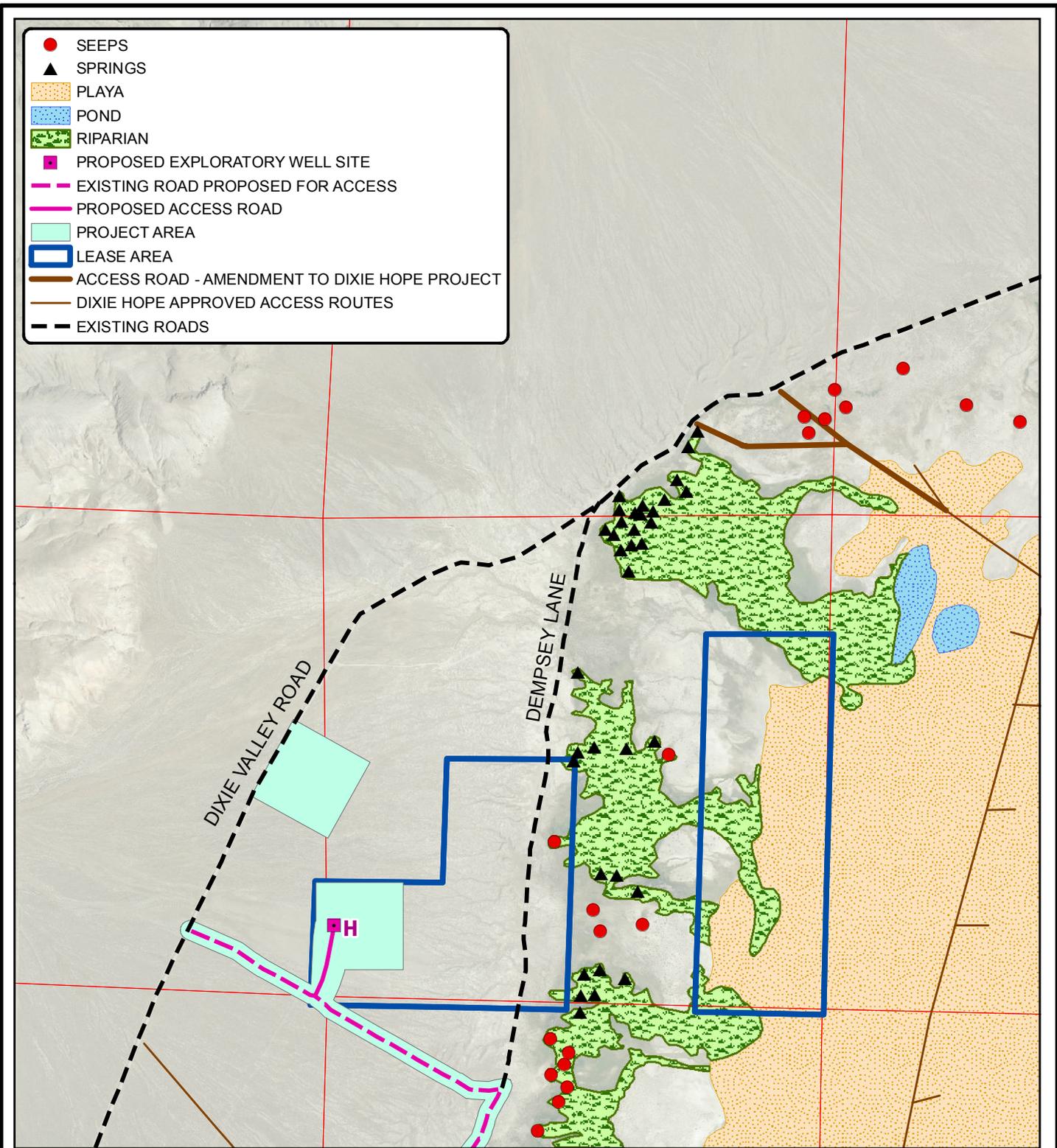


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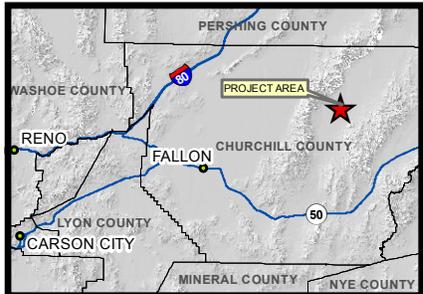
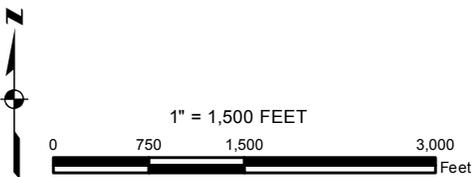
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- SEEPS
- ▲ SPRINGS
- ▨ PLAYA
- ▨ POND
- ▨ RIPARIAN
- PROPOSED EXPLORATORY WELL SITE
- - - EXISTING ROAD PROPOSED FOR ACCESS
- PROPOSED ACCESS ROAD
- ▭ PROJECT AREA
- ▭ LEASE AREA
- ACCESS ROAD - AMENDMENT TO DIXIE HOPE PROJECT
- DIXIE HOPE APPROVED ACCESS ROUTES
- - - EXISTING ROADS

FIGURE 12
 DIXIE HOT SPRINGS AND NEARBY SEEPS
 ORMAT DIXIE MEADOWS
 GEOTHERMAL EXPLORATION PROJECT



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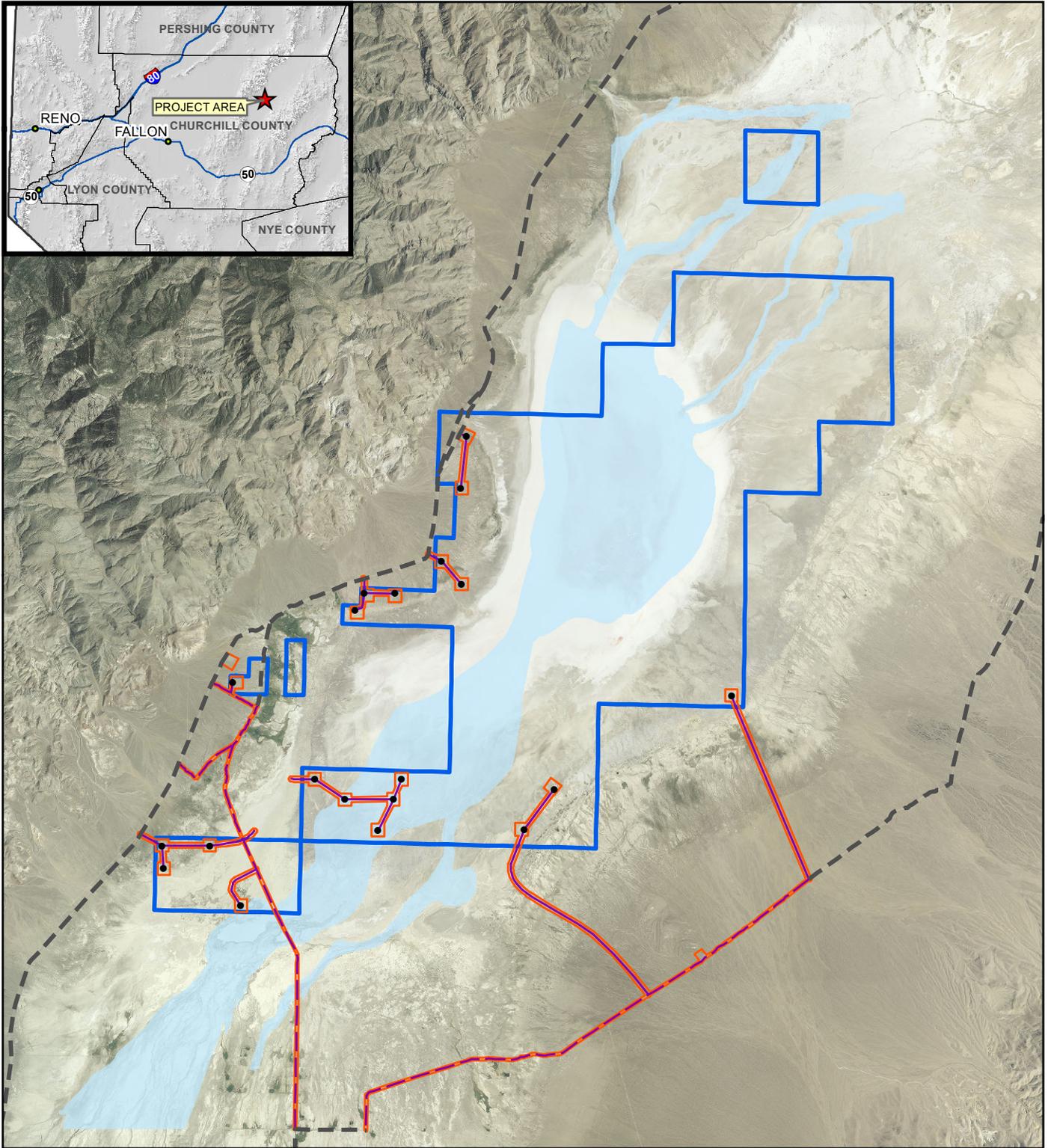
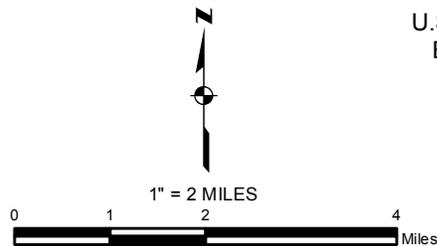


FIGURE 13
 100-YEAR FLOODPLAIN MAP
 ORMAT DIXIE MEADOWS
 GEOTHERMAL EXPLORATION PROJECT

- 100-YEAR FLOODPLAIN
- PROJECT AREA
- LEASE AREA
- PROPOSED EXPLORATORY WELL SITE
- EXISTING ROAD PROPOSED FOR ACCESS
- PROPOSED ACCESS ROAD
- EXISTING ROADS



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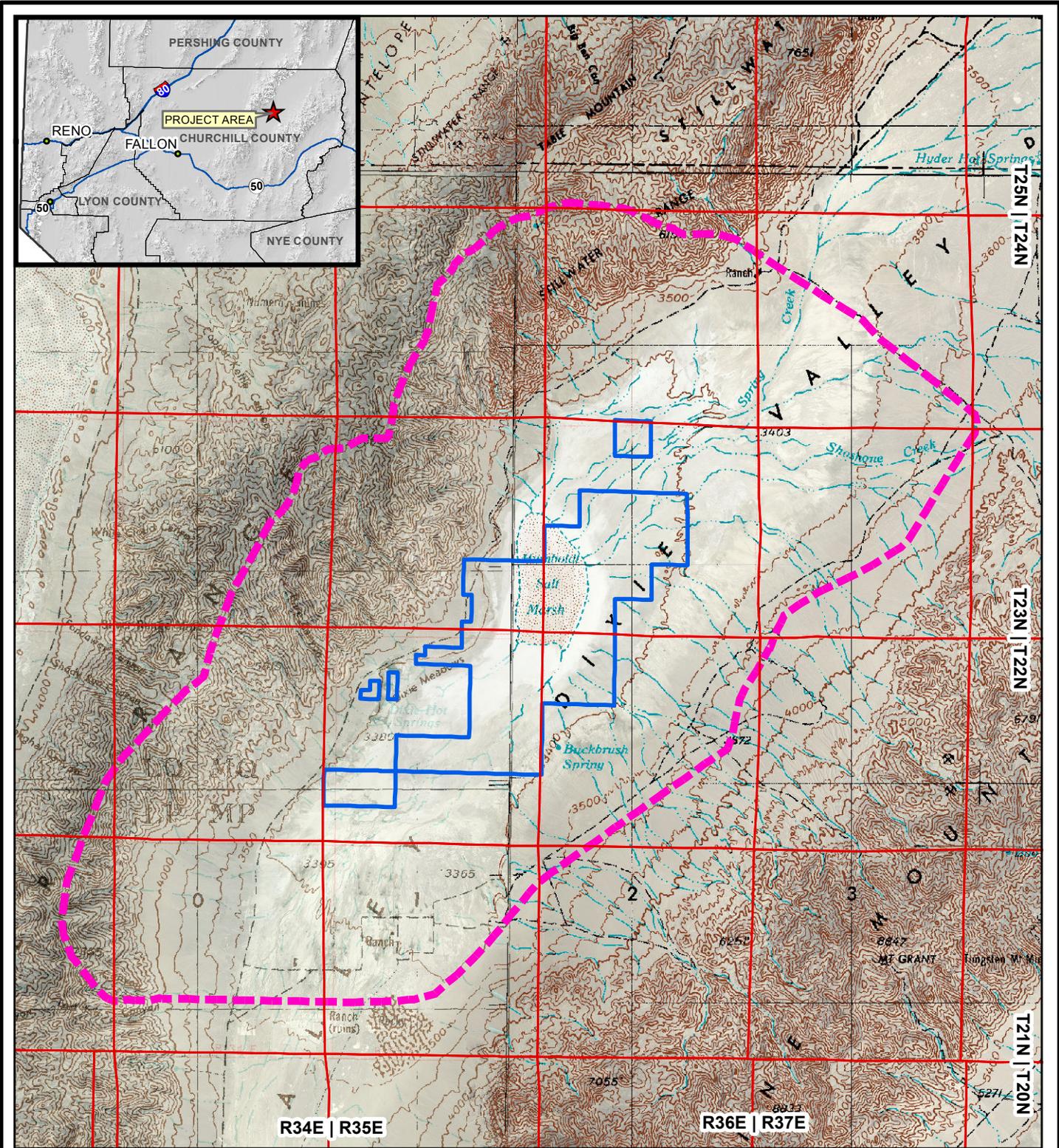


FIGURE 14
 CUMULATIVE IMPACTS ASSESSMENT AREA

ORMAT DIXIE MEADOWS
 GEOTHERMAL EXPLORATION PROJECT

-  CUMULATIVE IMPACTS ASSESSMENT AREA
-  LEASE AREA
-  TOWNSHIP AND RANGE



1" = 4 MILES



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