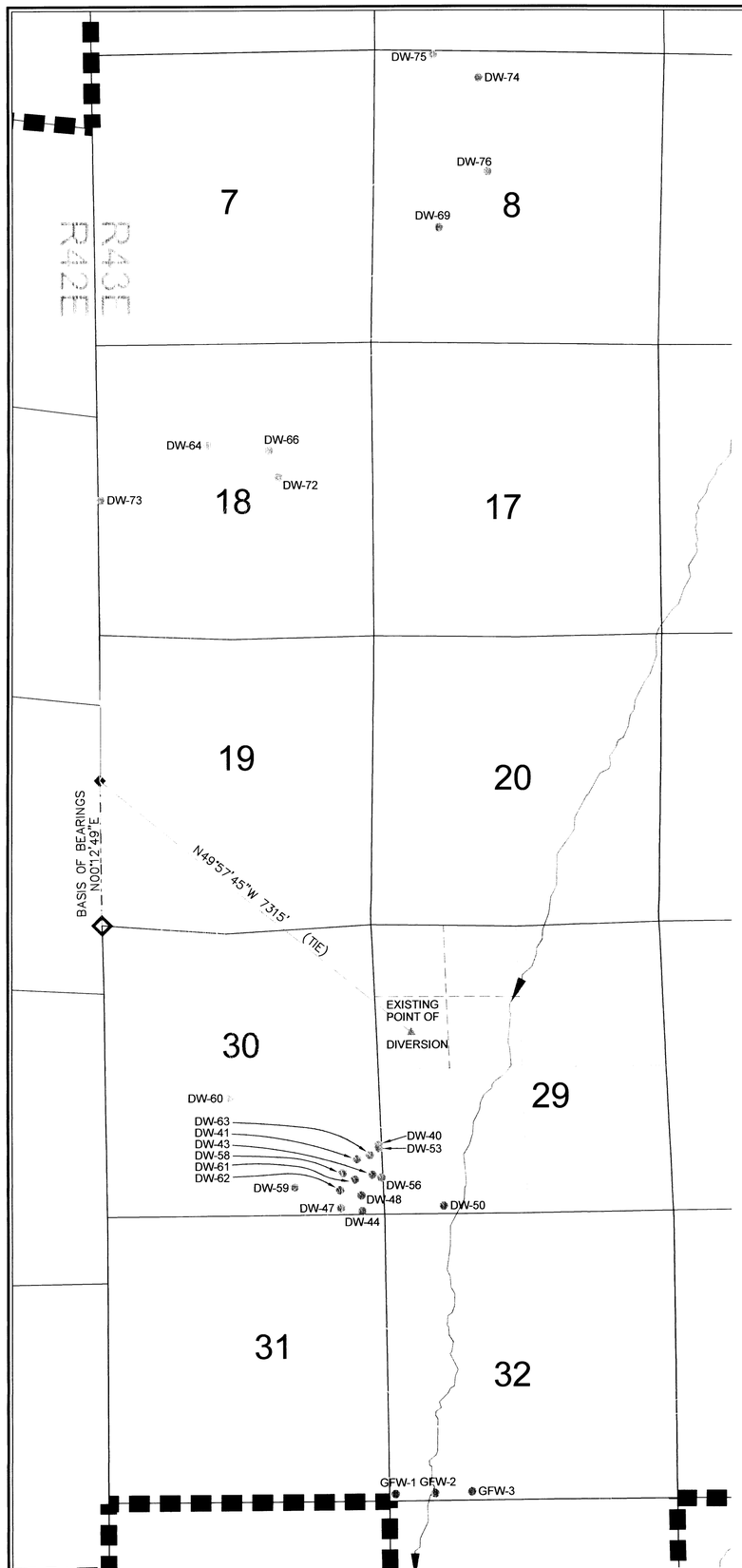


Twin Creeks Mine: Mining, Milling, and Dewatering POINTS OF DIVERSION

SCALE: 1"=1,500'

0 1500 3000 4500 6000 7500

PROPOSED POINTS OF DIVERSION

BEARING AND DISTANCE TO FOUND TIE:
W 1/4 CORNER OF SECTION 19, T39N, R43E, MDM

ID	BEARING	DISTANCE (FEET)
GFW–1	N 21°32'15" W	14061
GFW–2	N 24°13'32" W	14344
GFW–3	N 26°39'16" W	14617
DW–40	N 36°26'14" W	8356
DW–41	N 33°12'10" W	8337
DW–43	N 33°41'43" W	8727
DW–44	N 30°24'31" W	9184
DW–47	N 28°27'18" W	8939
DW–48	N 31°15'16" W	8931
DW–50	N 38°00'41" W	9967
DW–53	N 36°14'31" W	8409
DW–56	N 34°21'52" W	8865
DW–58	N 30°46'48" W	8406
DW–59	N 24°36'37" W	8209
DW–60	N 21°14'15" W	6241
DW–61	N 31°37'20" W	8623
DW–62	N 29°25'34" W	8649
DW–63	N 34°49'47" W	8410
DW–64	S 18°48'28" W	6391
DW–66	S 28°05'12" W	6726
DW–69	S 32°36'28" W	11790
DW–72	S 31°29'14" W	6389
DW–73	S 00°56'52" W	5092
DW–74	S 29°24'05" W	14509
DW–75	S 25°44'13" W	14517
DW–76	S 33°36'05" W	13119

MAP NOTES

THIS MAP ACCOMPANIES AN APPLICATION FOR A TEMPORARY PERMIT 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).

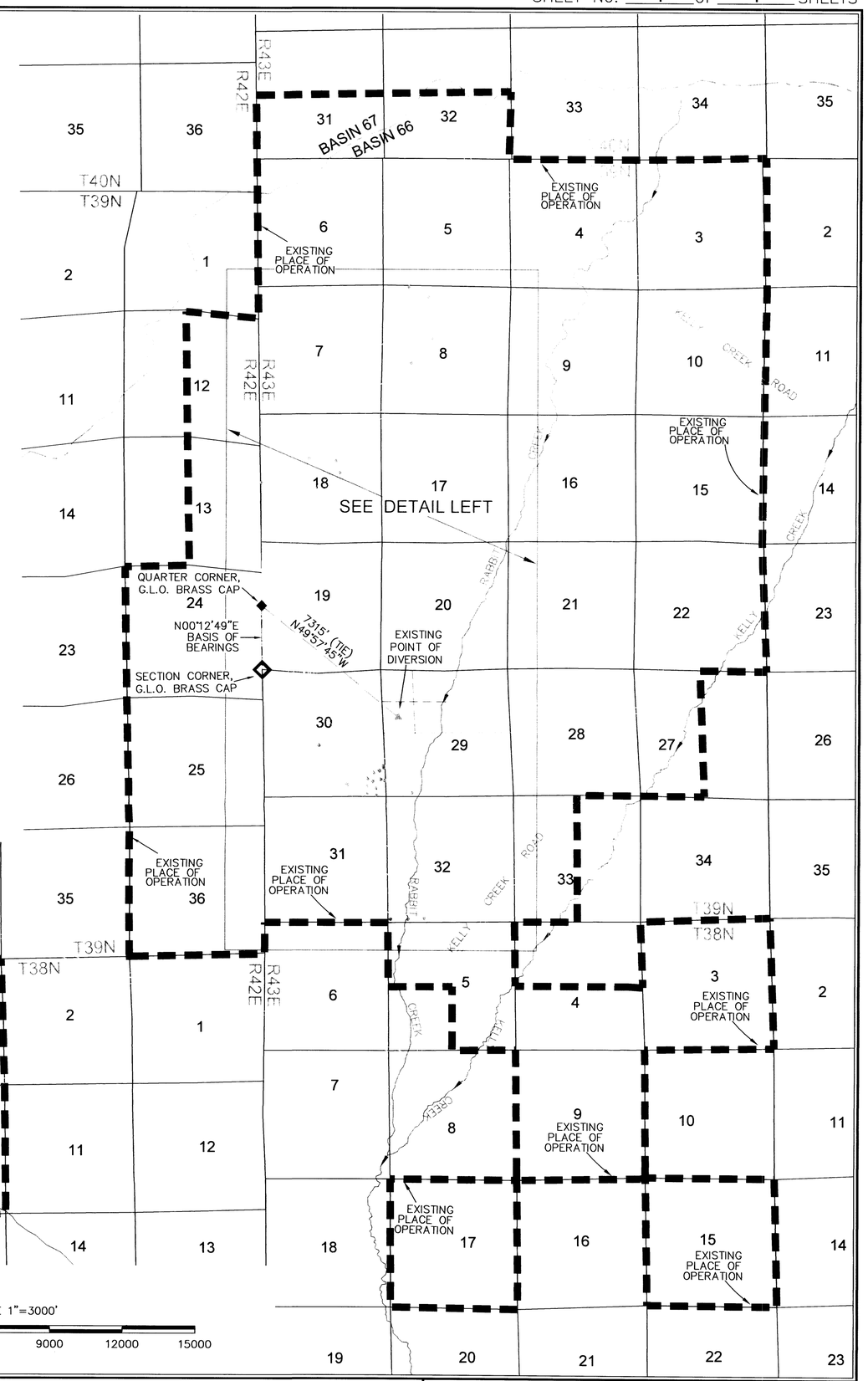
(2002) Boundaries of hydrographic areas of the Humbolt River Region courtesy of Nevada Division of Water Resources (NDWR). Department of Conservation and Natural Resources. These are administrative boundaries rather than strictly hydrologic ones.

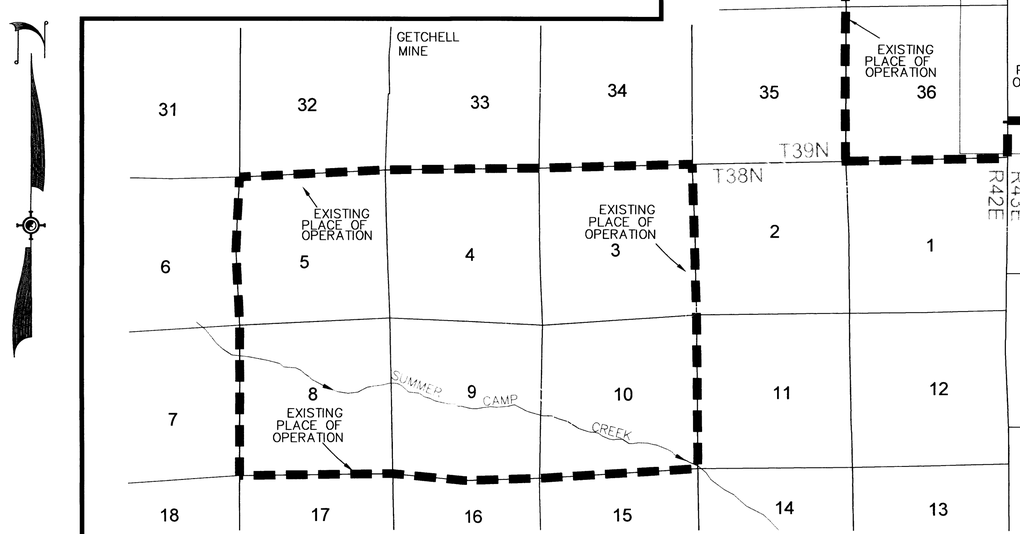
LEGEND:

- PROPOSED POINT OF DIVERSION (SEE TABLE)
- SECTION CORNER
- QUARTER CORNER
- SECTION LINE
- CENTERLINE OF SECTION
- 1/16TH LINE
- BASIN BOUNDARY
- EXISTING PLACE OF OPERATION
- EXISTING POINT OF DIVERSION

BASIS OF BEARING

The line bearing N00°12'49"E from the SW corner to the W quarter-corner of Section 19, T39N, R43E, 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).





Twin Creeks Mine PLACE OF USE

SCALE 1"=3000'

0 3000 6000 9000 12000 15000

STATE ENGINEER'S USE

FILED FEB 11 2016

Map to Accompany Application to Change the Points of Diversion, Manner of Use, and Place of Use of Portions Under Permit: 83348

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

859311