

COUNTY OF LOS ANGELES
ROAD DEPARTMENT

PRECISE
BENCH MARK LIST

NGVD29 DATUM



NEWHALL QUAD

1972 ADJUSTMENT

P R E F A C E

The Road Department level net is composed of more than 1,500 miles of levels supporting in excess of 18,000 bench marks. In 1975, a major readjustment of the net was undertaken. To emphasize the complete break with previous elevations, the BY, BG & BL series bench marks have been relabeled CY, CG & CL, respectively.

To facilitate the adjustment, indexing, and distribution of adjusted values of the net, the County territory is divided into 34 quads or areas. For identification purposes each quad is given a name, viz., "Rosemead," "La Mirada," "Santa Fe," etc. When bench marks and elevations in the Road Department net are used, the name of the quad in which the bench mark is located and the date of the adjustment of the elevation must be included in the bench mark description, e.g.,

CG 6234 --L+BN IN CONC HDWL OF DRAIN PIPE UNDER DR 218 FT
NE+18 FT SE C/L INT GRAND AVE + CAMERON AVE MKD (BM)
(COVINA --1975) ELEV. 696.238

Experience indicates that this general adjustment will, for the most part, remain sound for the next 10 years. Updating constrained adjustments will be made in 5 years. It is expected that these updating adjustments will be in the nature of a few hundredths of a foot. When a quad is readjustment, new elevation lists will be published and the date of the readjustment will replace the "1975" at the end of the bench mark description. Two bench marks with different adjustment dates will not normally agree with each other.

The basic accuracy of the net is reflected by an indicated field probable error of plus or minus 0.012 foot per mile of leveling as determined from over 600 conditions of closure. However, many years experience in vertical control in the greater Los Angeles basin and Antelope Valley indicate that because of varying degrees of subsidence and heaving, the true datum is recovered only by obtaining substantial agreement of a number of bench marks.

The users of this net are invited to assist in its maintenance by notifying this Department of cases of obliteration, apparent mistakes in descriptions or elevations, and proven disturbance of bench marks.

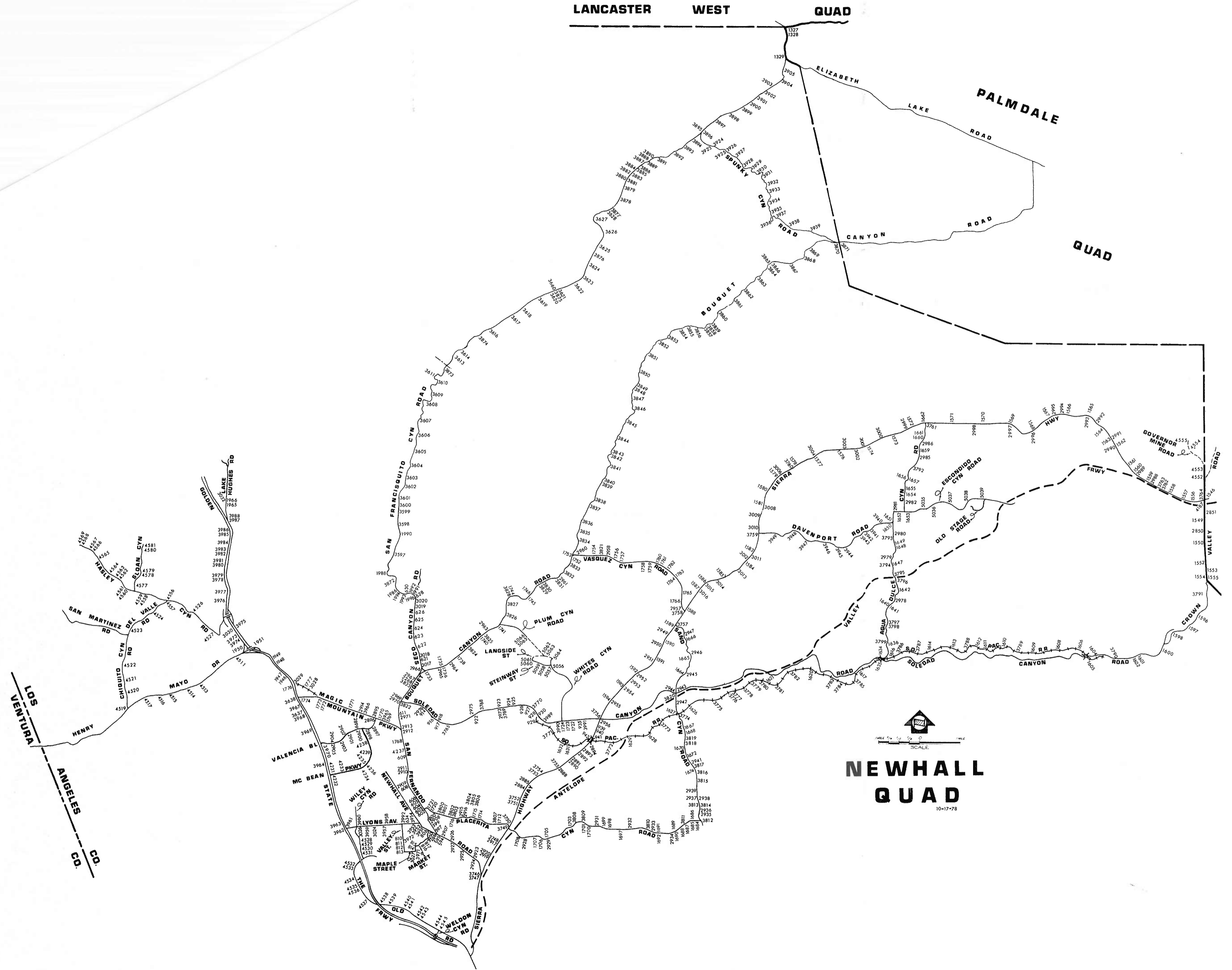
DATUM: U. S. Coast and Geodetic Survey Sea Level Datum
of 1929, through the medium of the Los Angeles
County Engineer Precise Level Net.


ABBREVIATIONS USED IN BENCH MARK LISTINGS

ABUT - - - - -	Abutment	EC - - - - -	End of Curve
ALG - - - - -	Along	ENT - - - - -	Entrance
ANG PT - - - - -	Angle Point	FL - - - - -	Floor
B/W - - - - -	Back of Walk	FTG - - - - -	Footing
BCR - - - - -	Beginning of Curb Return	F/W - - - - -	Front of Walk
BC - - - - -	Beginning of Curve	GAR - - - - -	Garage
BLDG - - - - -	Building	HDWL - - - - -	Headwall
BM - - - - -	Bench Mark	HSE - - - - -	House
BT SPK - - - - -	Boat or Bolt Spike	INT - - - - -	Intersection
BR CAP - - - - -	Brass or Bronze Cap	IP - - - - -	Iron Pipe
C B - - - - -	Catch Basin	LT - - - - -	Left
CTR - - - - -	Center	LACE - - - - -	L. A. City Engineer
C/L - - - - -	Center Line	LACS - - - - -	L. A. County Engineer
C/L INT - - - - -	Center Line Intersection	L AFC - - - - -	L. A. Co. Flood Control
C/L PROD - - - - -	Center Line Produced	L+BN - - - - -	Lead and Bench Nail
CONC - - - - -	Concrete	L+BR - - - - -	Lead and Brad
COR - - - - -	Corner	L+N - - - - -	Lead and Nail
COE - - - - -	Corps of Engineers	L+RDBM TAG - - - - -	Lead and Road Dept. Bench Mark Tag
CULV - - - - -	Culvert	L+SPK - - - - -	Lead and Spike
CB - - - - -	Curb	L+T - - - - -	Lead and Tack
CS MON - - - - -	County Engineer Monument	MCR - - - - -	Middle of Curb Return
CS BR CAP - - - - -	County Engineer Brass Cap	MKD - - - - -	Marked
CT SPK - - - - -	Cut Spike	MC - - - - -	Middle of Curve
DR - - - - -	Drive or Driveway	MON - - - - -	Monument
E/O - - - - -	East of	N/O - - - - -	North of
ECR - - - - -	End of Curb Return	NR - - - - -	Near

ABBREVIATIONS USED IN BENCH MARK LISTINGS . . . CONTINUED

OPP - - - - - Opposite
PI - - - - - Point of Intersection
PK+W - - - - - PK Nail and Washer
P/L - - - - - Property Line
POST - - - - - Point on Semi-Tangent
PP - - - - - Power Pole
PVMT - - - - - Pavement
PROD - - - - - Produced
RD - - - - - Road
RDBM - - - - - Road Dept. Bench Mark
RR - - - - - Railroad
RT - - - - - Right
R/W - - - - - Right of Way
SDMH - - - - - Storm Drain Manhole
SMH - - - - - Sewer Manhole
SPK - - - - - Spike
ST+W - - - - - Spike Tin and Washer
S/O - - - - - South of
TP - - - - - Telephone Pole
USC+GS - - - - - U. S. Coast and Geodetic Survey
USGS - - - - - U. S. Geological Survey
WK - - - - - Walk
W/O - - - - - West of




 SCALE
NEWHALL QUAD
 10-17-78

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1972)	1301.497	L&T CONC BASE RR SEMAPHORE NO 4534 @ NW COR SPRR R/W & SAN FERNANDO RD	BL 594
NEWHALL (1972)	1288.019	L&BN N CB SAN FERNANDO RD 4FT W BCR @ NE COR SAN FERNANDO RD & 4TH ST	BL 595
NEWHALL (1972)	1284.115	RDBM TAG IN S CB SAN FERNANDO RD 1FT E BCR OF DRWY TO WILLIAM S HART PARK 10FT E & 56FT S C/L DRWY & SAN FERNANDO RD	BL 596
NEWHALL (1972)	1280.233	L&BN E CB SAN FERNANDO RD 4FT S BCR 25FT E C/L & 30FT S C/L 5TH ST	BL 597
NEWHALL (1972)	1264.177	L&T S CB 8TH ST 1FT E BCR 15FT S C/L & 38FT W C/L SAN FERNANDO RD	BL 599
NEWHALL (1972)	1259.692	L&BN E CB SAN FERNANDO RD 4FT S BCR 30FT S C/L LYONS AVE 45FT E C/L PROD SAN FERNANDO RD	BL 600
NEWHALL (1972)	1258.536	BT SPK&W TOP OF CONC HDWL @ SW COR SPRR BRIDGE OVER NEWHALL CREEK 65FT E C/L SAN FERNANDO RD & 30FT S C/L PROD 12TH ST 1FT W OF GUARD FENCE	BL 602
BASELINE (1972)	1257.916	L&BN TOP OF WINGWALL 3FT W BCR @ SW COR BRIDGE 53-12 OVER NEWHALL CREEK 30FT W C/L SAN FERNANDO RD & 40FT N C/L 12TH ST	BL 603
NEWHALL (1972)	1242.005	RDBM TAG N CB 14TH ST 1FT W BCR 18FT N C/L & 81FT W C/L SAN FERNANDO RD	BL 604
NEWHALL (1972)	1241.236	L&T NE COR CONC SLAB @ NE COR BLDG 24805 SAN FERNANDO RD 65FT W C/L & 75FT N C/L 14TH ST MKD (BM)	BL 605
NEWHALL (1972)	1228.570	L&T IN S END OF CONC STEP OF BLDG NO 24903 SAN FERNANDO RD 70FT W C/L & 31FT N C/L 15TH ST MKD (BM)	BL 606
NEWHALL (1972)	1216.325	USC&GS MON S END BRIDGE 53-14 OVER PLACERITA CREEK 3FT N OF S END CB 18FT E C/L SAN FERNANDO RD & 1.0MI N NEWHALL STA MKD (Q 370 1953)	BL 608
NEWHALL (1972)	1171.347	USC&GS MON 2IN UP 60FT W C/L SAN FERNANDO RD & 0.4MI S/O DRAYTON ST 6FT S PP 724408E MKD (R 370 1953) 4IN SQ POST 2FT S	BL 609
NEWHALL (1972)	1155.443	USC&GS MON S END CONC HDWL SPRR CULV 50FT E C/L BOUQUET CANYON RD & 110FT N OF N PROP COR SAUGUS SCHOOL 0.4MI N MAGIC MT PKWY MKD (X 898 1955)	BL 611

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1972)	1223.801	L&T S CB 1FT E BCR @ SE COR SECO CANYON RD & ARRIBA DR 18FT S & 66FT E C/L INT MKD (EV 3)	BL 621
NEWHALL (1972)	1237.326	L&SPK E CB 6FT S BCR @ SE COR SECO CANYON RD & CHAPARRO DR 60FT S & 30FT E C/L INT MKD (EV 4)	BL 622
NEWHALL (1972)	1256.001	L&T E CB SECO 15FT N OF PI FRONT OF HSE 27204 MKD (RDBM)	CANYON RD E SERVICE RD BL 623
NEWHALL (1972)	1266.842	L&T NR BCR @ NE COR SECO SERVICE RD & LOS ROGUES DR 50FT N & 18FT E C/L INT MKD (BM EV 8)	CANYON RD E BL 624
NEWHALL (1972)	1283.433	L&T NR BCR @ SE COR SECO SERVICE RD & PAMPLICO DR 45FT S & 18FT E C/L INT MKD (BM EV 9)	CANYON RD E BL 625
NEWHALL (1972)	1296.950	L&BN E CB 10FT S BCR @ SE COR SECO CANYON RD & CALVELLO DR 60FT S & 15FT E C/L INT MKD (BM EV 10)	BL 626
NEWHALL (1972)	1345.009	L & T @ SE COR CONC SLAB 65FT N C/L SAN FRANCIS- QUITO CN RD & 0.1 MI NLY SECO CN RD	BL 628
NEWHALL (1972)	1429.644	1IN IP IN CONC 4IN UP 20FT S C/L SAN FRANCISQUITO CANYON RD @ SUMMIT OF GRADE 0.4MI NLY SECO CN RD USE S EDGE	BL 630
NEWHALL (1972)	1262.704	SPK IN W CB NEWHALL AVE 0.5FT S BCR @ SW COR NEWHALL AVE & MARKET ST 35FT S & 20FT W C/L INT	BL 806
NEWHALL (1972)	1301.714	L&T N EDGE CONC DRWY TO HSE NO 24509 VALLEY ST 33FT W C/L & 120FT N C/L 8TH ST MKD BM	BL 810
NEWHALL (1972)	1305.754	L&T CONC WK TO HSE NO 23360 8TH ST 40FT S C/L & 105FT E C/L VALLEY ST MKD BM	BL 811
NEWHALL (1972)	1338.785	L&T CONC WALK TO HSE 23410 MAPLE ST 105FT S C/L & 60FT W C/L VALLEY ST	BL 813
NEWHALL (1972)	1335.361	L&T S CB OF S DRWY TO HSE NO 24347 CROSS ST 30FT W C/L & 150FT S C/L PROD MARKET ST	BL 814
NEWHALL (1972)	1332.798	L&T S CB OF N DRWY TO HSE NO 24345 CROSS ST 30FT W C/L & 3FT S C/L PROD MARKET ST	BL 815
NEWHALL (1972)	1291.406	L&T NR E EDGE CONC WALK HSE 22916 MARKET ST 35FT S C/L & 0.2MI W NEWHALL AVE MKD BM	BL 816

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1972)	1286.205	CS MON IN WELL 6IN DN @ PI 10FT S C/L MARKET ST & 80FT E HSE 22908 0.2MI W NEWHALL AVE	BL 817
NEWHALL (1972)	1243.024	RDBM TAG W END N HDWL SPRR CULV 447.63 92FT S C/L SOLEDAD CANYON RD & 450FT E OF L A CITY AQUEDUCT 2.1MI E BOUQUET CANYON RD	BL 922
NEWHALL (1972)	1274.172	L&SCREW E END N HDWL SPRR CULV 447.12 50FT S C/L SOLEDAD CANYON RD & 0.2MI W RUETHER AVE	BL 923
NEWHALL (1972)	1302.506	RDBM TAG NW COR CONC BASE SPRR SEMAPHORE 4467 74FT S C/L SOLEDAD CYN RD 500FT E/O HONBY AVE	BL 926
NEWHALL (1972)	1306.198	L&SCREW NE COR CONC BASE SPRR SEMAPHORE P4466 55FT S C/L SOLEDAD CYN RD & 830FT E HONBY AVE	BL 927
NEWHALL (1972)	1340.481	RDBM TAG W END S HDWL CULV 3.71 22FT S C/L SOLEDAD CANYON RD & 0.6MI W CAMP PLENTY RD	BL 928
NEWHALL (1972)	1356.791	USC&GS MON S END E HDWL SPRR CULV 445.91 400FT S SOLEDAD CANYON RD & 0.5MI W CAMP PLENTY RD MKD (C 486 1955)	BL 929
NEWHALL (1972)	1343.620	RDBM TAG W END CONC HDWL CULV 3.77 22FT N C/L SOLEDAD CANYON RD & 0.5MI W CAMP PLENTY RD	BL 930
NEWHALL (1972)	1407.076	L&BRAD S CB SOLEDAD CANYON RD 3FT W BCR @ SW COR VILNA AVE 42FT S & 60FT W/O C/L INT	BL 935
NEWHALL (1972)	1430.103	RDBM TAG E CB @ NE COR BRIDGE 53-423 OVER SANTA CLARA RIV 18FT E C/L SIERRA HWY & 0.3MI S SOLEDAD CANYON RD	BL 939
NEWHALL (1972)	1428.821	FC MON E CB @ SE COR BRIDGE 53-423 OVER SANTA CLARA RIV 18FT E C/L SIERRA HWY & 0.3MI S SOLEDAD CANYON RD MKD (BM 97-10 1950)	BL 940
NEWHALL (1972)	1424.126	1/4IN IRON PLUG IN CHIS SQ S END E HDWL SPRR CULV 444.22 UNDER SIERRA HWY OVERPASS 0.5MI S SOLEDAD CANYON RD MKD (BM 24X)	BL 941
NEWHALL (1972)	1423.675	USC&GS MON N END W HDWL SPRR CULV 444.22 UNDER SIERRA HWY OVERPASS 0.5MI S SOLEDAD CANYON RD MKD (E 486 1955)	BL 942
BASELINE (1965)	3332.668	CS MON 2IN UP 27FT N & 38FT E C/L INT ELIZABETH LAKE RD & JOHNSON RD 40FT W C/L DR TO ELIZABETH MISSION CATHOLIC CHURCH MKD (PC 21 RE 63)	BL 1327

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	3329.791	US FOREST RESERVE IP & MON 30FT S & 40FT E C/L INT JOHNSON RD & ELIZABETH LAKE RD @ NW COR 4FT BARBED WIRE FENCE 3FT W PP NO 1847478E MKD (BOUNDARY POST NO 83 1905)	BL 1328
BASELINE (1965)	3401.603	USGS MON @ SE COR ELIZABETH LAKE RD & SAN FRANCISQUITO CANYON RD 21FT S & 121FT E C/L INT MKD (3403 RESET SEPT 1939)	BL 1329
BASELINE (1965)	2964.632	CS MON FLUSH 51FT N & 30FT E C/L INT SIERRA HWY & CROWN VALLEY RD 8FT SE PP 593220H CMKD(R/W MON RE 2177)	BL 1546
BASELINE (1965)	2866.918	RDBM MON IN WELL 8IN DN 42FT W C/L CROWN VALLEY RD & 0.4MI S SIERRA HWY 100FT N DIRT RD TO HSE 33062 & 6FT SW PP 533161E 2IN IP MKR 2FT W	BL 1549
BASELINE (1965)	2789.280	RDBM MON IN WELL 35FT W C/L CROWN VALLEY RD & 1.0MI S SIERRA HWY 6FT NW PP 536168E 2IN IP MKR 3FT UP 2FT W	BL 1550
BASELINE (1965)	2702.312	L&BN IN CONC DRWY TO HSE NO 32109 4TH ST (CROWN VALLEY RD) 32FT W C/L 4TH ST & 50FT N C/L PROD GILLESPIE AVE	BL 1552A
BASELINE (1965)	2699.101	L&T NR W END OF CONC HDWL LRGE CULV 22FT N C/L SOLEDAD CN RD & 70FT E C/L CROWN VALLEY RD (4TH ST)	BL 1554
BASELINE (1965)	2698.239	US&GS MON 12IN UP 30FT E C/L 4TH ST (ACTON) & 230FT S C/L SOLEDAD CN RD MKD (H 53 1926)	BL 1555
NEWHALL (1972)	2951.610	STATE HWY MON FLUSH 88FT S C/L SIERRA HWY & 750FT W CROWN VALLEY RD OPP ACTON JUNCT GAS STA 3FT IRON MKR 1FT E	BL 1556
NEWHALL (1972)	3003.415	CSBM MON 6IN UP 45FT N C/L SIERRA HWY & 0.4MI W CROWN VALLEY RD 90FT N PP 107517 MKD (BM 201-74 1961)	BL 1557
NEWHALL (1972)	3029.897	CSBM MON 6IN UP 45FT S C/L SIERRA HWY & 0.2MI E RED ROVER MINE RD 106FT SW PP 760292E MKD (BM 201-75 1961)	BL 1558
NEWHALL (1972)	3040.814	CSBM MON E END N HDWL CULV # 29.59 24FT N C/L SIERRA HWY & 0.4MI W RED ROVER MINE RD MKD (BM 201-75A 1961)	BL 1559
NEWHALL (1972)	3080.907	CS MON 6IN UP 56FT N C/L SIERRA HWY & 60FT W C/L RED ROVER MINE RD OFFRAMP 0.1MI E WARD RD 5FT E PP 676652E MKD (BM MS 16)	BL 1560

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1972)	3123.761	CSBM MON 6IN UP 55FT N C/L SIERRA HWY & 400FT W WARD RD MKD (BM 201-76 1961) 2IN IP 3FT UP 2FT S	BL 1561
NEWHALL (1972)	3197.444	CSBM MON W END N HDWL CULV # 30.66 24FT N C/L SIERRA HWY & 0.2MI E SHANNONDALE RD MKD (BM 201-77 1961)	BL 1562
NEWHALL (1972)	3305.044	CSBM MON E END N HDWL CULV # 31.24 25FT N C/L SIERRA HWY & 40FT W DRWY TO CHRIST FAITH MISSION HOME 0.3MI W SHANNONDALE RD MKD (BM 201-78 1961)	BL 1563
NEWHALL (1972)	3390.255	LACS BM MON 6IN UP 52FT N C/L SIERRA HWY NR CREST/GRADE 200FT E P/L BOILING POINT CAFE 0.8MI W SHANNONDALE RD MKD (BM 201-79 1961) 2IN IP 3FT UP 2FT E	BL 1564
NEWHALL (1972)	3236.717	LACS BM MON 6IN UP 75FT N C/L SIERRA HWY & 0.1MI ELY THOMAS RD MKD (BM 201-80 1961) 2IN IP 3FT UP 2FT S	BL 1565
NEWHALL (1972)	3077.341	LACS BM MON 6IN UP 50FT N C/L SIERRA HWY & 0.6MI ELY SHADY LN RD MKD (BM 201-81 1961) 2IN IP 3FT UP 2FT N	BL 1566
NEWHALL (1972)	2982.180	CSBM MON 6IN UP 50FT N C/L SIERRA HWY & 0.1MI E SHADY LANE RD 150FT E PP 727016H MKD (BM 201-82 1961) 2IN IP 3FT UP 2FT S	BL 1567
NEWHALL (1972)	2823.065	CSBM MON W END N HDWL CULV # 34.10 20FT N C/L SIERRA HWY & 0.7MI E WYSE RD MKD (BM 201-83 1961)	BL 1568
NEWHALL (1972)	2806.354	CSBM MON E END N HDWL CULV # 34.70 22FT N C/L SIERRA HWY & 0.2MI E WYSE RD MKD (BM 201-84 1961)	BL 1569
NEWHALL (1972)	2768.544	CSBM MON 6IN UP 53FT N C/L SIERRA HWY & 0.5MI E ULYSSES RD 66FT E PP 676392E MKD (BM 201-85 1961) 2IN IP 3FT UP 2FT S	BL 1570
NEWHALL (1972)	2730.882	CSBM MON 6IN UP 57FT N & 45FT E C/L INT SIERRA HWY & ULYSSES RD MKD (BM 201-86 1961) 2IN IP 3FT UP 2FT S	BL 1571
NEWHALL (1972)	2732.965	CSBM MON 6IN UP 45FT N C/L SIERRA HWY & 0.3MI W AGUA DULCE CANYON RD 5FT E PP 724426E MKD (BM 201-87 1961)	BL 1572
NEWHALL (1972)	2634.861	CSBM MON 6IN UP 45FT N C/L SIERRA HWY & 0.9MI W AGUA DULCE CANYON RD 7FT E PP 1029748E MKD (BM 201-88 1961)	BL 1573

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1972)	2455.134	LACS BM MON 6IN UP 39FT S & 30FT E C/L INT SIERRA HWY & MINT CN RD OPP HSE # 11809 MKD(BM 201-89 1961)	BL 1574
NEWHALL (1972)	2341.584	LACS BM MON 6IN UP 32FT S C/L SIERRA HWY & 0.2MI W SIERRA VALLEJO RD (PVT) OPP # 12645 SIERRA HWY MKD(BM 201-91 1961)	BL 1576
NEWHALL (1972)	2256.605	LACS BM MON IN S END W HDWL CULV # 38.78 54FT E & 10FT S C/L INT SIERRA HWY & CENTER ST MKD(BM 201-92 1961)	BL 1577
NEWHALL (1972)	2139.580	CSBM MON 6IN UP 46FT W C/L SIERRA HWY & 2.0MI N DAVENPORT RD 18FT N PP 437431E MKD (BM 201-93 1961) 2IN IP 3FT UP 2FT S	BL 1578
NEWHALL (1972)	2087.113	LACS BM MON 2IN UP 55FT W C/L SIERRA HWY & 1.45M NLY DAVENPORT RD 25FT S/O S P/L HOB NOB CAFE MKD(BM 201-94 1961) 2IN IP 3FT UP 2FT W	BL 1579
NEWHALL (1972)	2048.311	CSBM MON S END W HDWL CULV # 40.36 30FT W C/L SIERRA HWY & 1.0MI N DAVENPORT RD MKD (BM 201-95 1961)	BL 1580
NEWHALL (1972)	2019.141	LACS BM MON IN S END W WINGWALL CULV # 40.74 25FT S C/L SIERRA HWY & 0.65MI NLY DAVENPORT RD MKD(BM 201-96 1961)	BL 1581
NEWHALL (1972)	1928.421	CSBM MON 6IN UP 50FT W C/L SIERRA HWY & 0.45MI S DAVENPORT RD 3FT S PP 1123490E MKD (BM 201-98 1961) 2IN IP 3FT UP 2FT E	BL 1583
NEWHALL (1972)	1829.405	LACS BM MON 6IN UP 29FT W C/L SIERRA HWY & 1.1MI N VASQUEZ CN RD 5FT S PP # 461357E OPP HSE # 15528 SIERRA HWY MKD(BM 201-100 1961)	BL 1585
NEWHALL (1972)	1784.958	CSBM MON N END W HDWL CULV # 43.28 21FT W C/L SIERRA HWY & 0.8MI N VASQUEZ CANYON RD MKD (BM 201-101 1961)	BL 1586
NEWHALL (1972)	1758.806	CSBM MON S END W HDWL CULV # 43.57 21FT W C/L SIERRA HWY & 0.5MI N VASQUEZ CANYON RD MKD (BM 201-102 1961)	BL 1587
NEWHALL (1972)	1718.717	L&SPK S END W HDWL CULV # 44.03 28FT W C/L SIERRA HWY & 235FT N VASQUEZ CANYON RD MKD (TBM)	BL 1588
NEWHALL (1972)	1694.763	CSBM MON FLUSH 16FT S & 52FT W C/L INT SAND CANYON RD & SIERRA HWY FRONT HSE 16449 MKD (BM 201-104 1961)	BL 1589

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1972)	1638.166	LACS BM MON 3IN UP 56FT E C/L SIERRA HWY & 0.2MI S FITCH AVE 10FT N PP # 516019E MKD BM 201-105 1961)	BL 1590
NEWHALL (1972)	1598.155	LACS BM MON 3IN UP 38FT E C/L SIERRA HWY OPP HSE # 17145 (VET CLINIC) SIERRA HWY 8FT E TP # 766152H MKD(BM 201-106 1961)	BL 1591
NEWHALL (1972)	1561.263	LACS BM MON IN W HDWL CULC # 45.98 21FT W C/L SIERRA HWY & 0.3MI N/O SCHERZINGER IN 21FT N PP # 1443605E MKD(BM 201-107 1961)	BL 1592
NEWHALL (1972)	1517.710	CSBM MON FLUSH 45FT S & 60FT W C/L INT SIERRA HWY & HILLFIELD LN MKD (BM 201-108 1961)	BL 1593
NEWHALL (1972)	1474.876	CSBM MON W HDWL CULV B90&53 26FT W C/L SIERRA HWY & 0.1MI S MIRROR WAY 12FT NE PP 1443570E MKD (BM 201-109 1961)	BL 1594
NEWHALL (1972)	2624.086	USC&GS MON W END S ABUT SPRR CULV 427.02 75FT W C/L CROWN VALLEY RD & 265FT N ENT ACTON REHABILITATION CAMP 1.1MI S INT SOLEDAD CANYON RD & 4TH ST (ACTON) MKD (A 487 1955)	BL 1596
NEWHALL (1972)	2593.879	USC&GS MON 6IN UP 20FT W C/L CROWN VALLEY RD & 1.4MI S INT SOLEDAD CANYON RD & 4TH ST (ACTON) MKD (G 53 1926)	BL 1597
NEWHALL (1972)	2577.944	USC&GS MON S END E HDWL SPRR CULV 427.71 30FT W C/L SOLEDAD CANYON RD & 1.2MI NE RAVENNA STA MKD (Z 486 1955)	BL 1598
NEWHALL (1972)	2523.799	USC&GS MON @ N END OF E WINGWALL SPRR CULV # 428.23 5FT SE C/L SOLEDAD CN RD & 600FT SW INT SOLEDAD CN RD & CROWN VALLEY RD 0.7MI E RAVENNA STA MKD (Y486 1955)	BL 1600
NEWHALL (1972)	2468.431	USGS MON ON 3IN IP 9IN UP 64FT S OF SE COR RAVENNA STA BLDG 12FT S OF S TRACK SPRR MKD (2468 BM 43) USE E EDGE	BL 1601
NEWHALL (1972)	2455.605	USC&GS MON W END S HDWL SPRR CULV 429.06 800FT W RAVENNA STA MKD (X 486 1955)	BL 1602
NEWHALL (1972)	2342.138	USC&GS MON IN ROCK OUTCROP 30FT E & 15FT N C/L INT SPRR & SOLEDAD CANYON RD BRIDGE 430.25 2.2MI E ENT DETENTION CAMP 11 MKD (W 1147 1961)	BL 1604
NEWHALL (1972)	2342.855	USC&GS MON 3FT UP IN E FACE OF E PIER SOLEDAD CANYON RD BRIDGE 430.25 OVER SPRR 2.2MI E ENT DETENTION CAMP 11 MKD (X 1147 1961)	BL 1605

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1972)	2338.713	USC&GS MON IN ROCK OUTCROP 12FT N & 175FT W C/L INT SOLEDAD CANYON RD BRIDGE 430.25 & SPRR 2.2MI E ENT DETENTION CAMP 11 MKD (Y 1147 1961)	BL 1606
NEWHALL (1972)	2288.544	USC&GS MON E END S HDWL SPRR CULV 430.98 0.2MI N INT SOLEDAD CANYON RD & ENT TO ALBRECHT RANCH 1.7MI E ENT DETENTION CAMP 11 MKD (T 486 1955)	BL 1608
NEWHALL (1972)	2242.598	USC&GS MON NW WINGWALL SPRR CULV 431.69 0.2MI N SOLEDAD CANYON RD & 1.0MI E ENT DETENTION CAMP 11 MKD (U 486 1955)	BL 1609
NEWHALL (1972)	2181.288	USC&GS MON E END S HDWL SPRR CULV 432.57 0.1MI E & 0.25MI N OF INT SOLEDAD CANYON RD & ENT DETENTION CAMP 11 MKD (W 486 1955)	BL 1610
NEWHALL (1972)	2161.628	USC&GS MON 12IN UP 20FT S C/L SPRR & 0.25MI N INT SOLEDAD CANYON RD & ENT TO HAPS SUNKEN GARDENS 0.2MI W ENT DETENTION CAMP 11 MKD (E 53 1926)	BL 1611
NEWHALL (1972)	2159.651	USC&GS MON E END N HDWL SPRR CULV 432.96 0.25MI N INT SOLEDAD CANYON RD & ENT HAPS SUNKEN GARDENS 0.2MI W ENT DETENTION CAMP 11 MKD (Z 1147 1961)	BL 1612
NEWHALL (1972)	2059.367	USC&GS MON W END S HDWL SPRR CULV 443.95 15FT S C/L SPRR & 0.6MI E OF CROSSING @ RUSS SIDING MKD (V 486 1955)	BL 1613
NEWHALL (1972)	2024.933	USC&GS MON E END S HDWL SPRR CULV 434.49 200FT E OF CROSSING @ RUSS SIDING 0.25MI NE INT SOLEDAD CANYON RD & ENT TO SOLEDAD CANYON FORESTRY GUARD STA MKD (S 486 1955)	BL 1614
NEWHALL (1972)	1939.024	USC&GS MON E END S HDWL SPRR CULV 435.66 15FT S C/L SPRR & 550FT E INT AGUA DULCE CANYON RD & SOLEDAD CANYON RD MKD (R 486 1955)	BL 1616
NEWHALL (1972)	1867.685	USC&GS MON S END OLD RR BRIDGE ABUT 30FT S PVT RD TO SOLEDAD QUARRY & 0.25MI S SOLEDAD CANYON RD 0.5MI W AGUA DULCE CANYON RD MKD (Q 486 1955)	BL 1617
NEWHALL (1972)	1735.138	USC&GS MON W END S HDWL SPRR CULV 438.08 10FT S C/L SPRR & 0.8MI E OF CROSSING LANG STA RD 0.25MI S SOLEDAD CANYON RD MKD (N 486 1955)	BL 1620
NEWHALL (1972)	1686.329	USC&GS MON W END S HDWL SPRR CULV 438.94 10FT S C/L SPRR & 400FT W OF CROSSING LANG STA RD 0.25MI S SOLEDAD CANYON RD MKD (M 486 1955)	BL 1621

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1972)	1568.962	USC&GS MON W END N HDWL SPRR CULV 441.24 40FT N C/L SPRR & 300FT W OVERPASS OVER OAK SPRING CANYON RD 0.1MI S LOST CANYON RD MKD (J 486 1955)	BL 1626
NEWHALL (1972)	1512.630	USC&GS MON W END N HDWL SPRR CULV 442.82 10FT N C/L SPRR & 1400FT E WOODFALL RD 0.5MI S SOLEDAD CANYON RD MKD (G 486 1955)	BL 1628
NEWHALL (1972)	1479.125	USC&GS MON E END S HDWL SPRR CULV 443.26 10FT S C/L SPRR & 900FT W WOODFALL RD 0.5MI S SOLEDAD CANYON RD MKD (F 486 1955)	BL 1629
NEWHALL (1972)	1400.866	USC&GS MON 12IN UP 31FT W & 40FT N OF SPRR CROSSING OF DIRT RD 0.6MI S & 0.5MI E INT SOLEDAD CANYON RD & CAMP PLENTY RD MKD (A 53 1926) SURVEY WITNESS POST 1.5FT S	BL 1631
NEWHALL (1972)	1401.322	USC&GS MON N END W ABUT SPRR CULV 444.91 0.6MI S SOLEDAD CANYON RD & 0.5MI E CAMP PLENTY RD MKD (D 486 1955)	BL 1632
NEWHALL (1972)	1965.569	RDBM MON IN WELL 8IN DN 75FT E C/L AGUA DULCE CANYON RD & 220FT N C/L SOLEDAD CANYON RD 2IN IP MKR 3FT UP 2FT N	BL 1634
NEWHALL (1972)	1958.352	CS MON N ABUT BRIDGE B790 OVER SPRR 12FT N C/L SOLEDAD CANYON RD & 185FT E C/L AGUA DULCE CANYON RD MKD (1958.104)	BL 1635
NEWHALL (1972)	1984.570	L & T IN S END OF 1ST STEP TO HSE # 30046 AGUA DULCE CN RD 60FT E C/L & 0.5MI N SOLEDAD CN RD MKD BM	BL 1636
NEWHALL (1972)	2059.081	L & BN IN NW ABUT OF BRIDGE # 1023 16FT N C/L AGUA DULCE CN RD & 0.8MI S/O ANTELOPE VALLEY FWY MKD BM	BL 1640
NEWHALL (1972)	2053.507	L&BN SE ABUT BRIDGE 1023 50FT S C/L AGUA DULCE CN RD & 0.8MI S/O ANTELOPE VALLEY FRWY	BL 1641
NEWHALL (1972)	2135.518	CS MON NW COR BRIDGE B827 15FT W C/L AGUA DULCE CANYON RD & 0.2MI S ANTELOPE VALLEY FRWY MKD (2135.46)	BL 1642
NEWHALL (1972)	2479.032	CS MON 3IN UP ON SW COR AGUA DULCE CANYON RD & DAVENPORT RD 25FT S & 30FT W C/L INT MKD (BM NC 1049) 2IN IP MKR 3FT UP 2FT W	BL 1650
NEWHALL (1972)	2487.519	RDBM TAG CTR ROCK HDWL CULV 2.10 18FT S C/L AGUA DULCE CANYON RD & 95FT E DRWY HSE 32901 0.15MI W OF END ESCONDIDO CANYON RD	BL 1652

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1972)	2482.863	CS MON 12IN DN 20FT S C/L ESCONDIDO CANYON RD ON C/L PROD AGUA DULCE CANYON RD TO N MKD (WIT 1/4 COR 27 26)	BL 1653
NEWHALL (1972)	2521.256	RDBM TAG S CB DRWY HSE 33324 AGUA DULCE CANYON RD 18FT E C/L & 400FT S DARLING RD	BL 1654
NEWHALL (1972)	2531.262	CS MON FLUSH SE COR PORCH TO STORE BLDG 33355 AGUA DULCE CANYON RD 35FT W C/L & 120FT S DARLING RD MKD (2531.194)	BL 1655
NEWHALL (1972)	2556.891	RDBM TAG W END GAS PUMP ISL @ GAS STA 33613 AGUA DULCE CANYON RD 47FT N C/L & 0.4MI N DARLING RD	BL 1656
NEWHALL (1972)	2554.223	CS MON NE COR CONC SLAB STORE BLDG 33616 AGUA DULCE CANYON RD 45FT S C/L & 0.4MI N DARLING RD MKD (2556.391)	BL 1657
NEWHALL (1972)	2687.784	RDBM TAG IN NW COR CONC SLAB IN FRONT OF BLDG # 34711 25FT W C/L AGUA DULCE CN RD & 1000FT S SIERRA HWY	BL 1660
NEWHALL (1972)	2696.952	RDBM TAG NR S EDGE CONC WALK TO CHURCH 26FT W C/L AGUA DULCE CANYON RD & 900FT S SIERRA HWY	BL 1661
NEWHALL (1972)	2717.507	RDBM TAG CTR HDWL CULV D 134&00 32FT N C/L SIERRA HWY & 50FT W C/L PROD AGUA DULCE CANYON RD	BL 1662
NEWHALL (1972)	1677.966	CSBM MON 6IN UP 25FT W C/L SAND CANYON RD & 0.55MI N SOLEDAD CANYON RD 220FT S PP 1115102E MKD (BM 202-11 1962)	BL 1664
NEWHALL (1972)	1923.049	CSBM MON 6IN UP 25FT W C/L SAND CANYON RD & 0.5MI S SIERRA HWY 6FT NE PP # 1233320E MKD BM 202-13 1962)	BL 1666
NEWHALL (1972)	1575.996	CS MON IN WELL 9IN DN @ PI DN SAND CANYON RD 0.15MI N LIVE OAK SPRINGS CANYON RD 57FT SE PP 1090798E MKD (PI 23) USE S EDGE	BL 1667
NEWHALL (1972)	1583.373	CS MON IN WELL 10IN DN @ PI 2FT E C/L SAND CANYON RD & 0.1MI N LIVE OAK SPRINGS CANYON RD 27FT NE PP 1155006E MKD (PI 24) USE E EDGE	BL 1668
NEWHALL (1972)	1628.322	CS MON IN WELL 9IN DN 11FT W C/L SAND CANYON RD @ PI 0.5MI N CONDOR RIDGE RD 40FT NW TP 107-91 MKD (PI 27) USE S EDGE	BL 1670
NEWHALL (1972)	1651.431	CS MON IN WELL 10IN DN @ PI 7FT W C/L SAND CANYON RD & 0.25MI N CONDOR RIDGE RD 95FT S PP 454094E MKD (PI 29A) USE S EDGE	BL 1672

