

COUNTY OF LOS ANGELES

ROAD DEPARTMENT

PRECISE

BENCH MARK LIST



NEWHALL QUAD

1978 ADJUSTMENT

NGVD29 DATUM

P R E F A C E

The Road Department level net is composed of more than 2,000 miles of levels supporting in excess of 12,000 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.

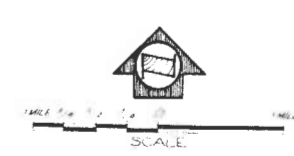
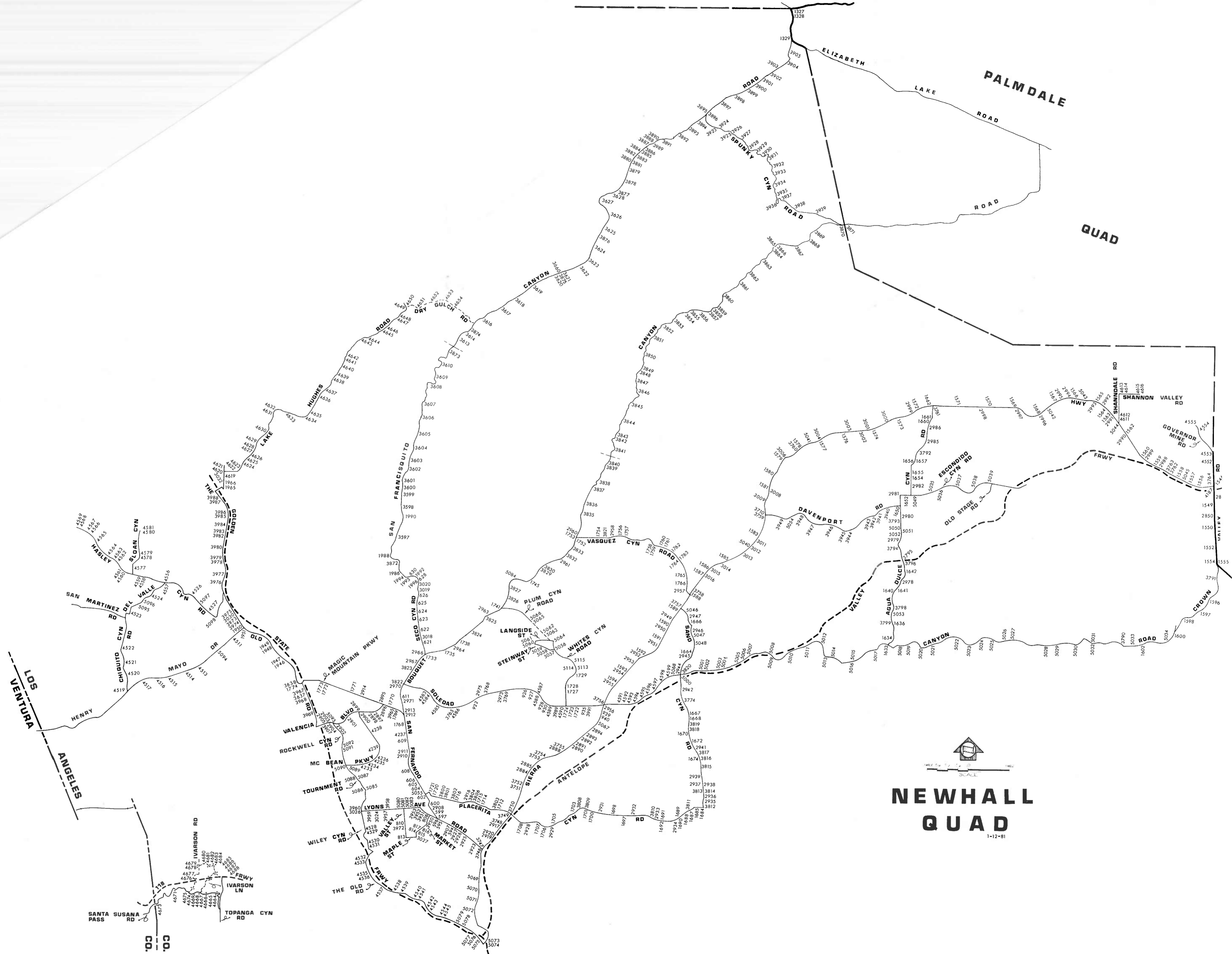
DATUM: U. S. Coast and Geodetic Survey Sea Level Datum
of 1929, through the medium of the Los Angeles
County Engineer Precise Level Net.

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	FRWY - - - - -	Freeway
BC - - - - -	Beginning of Curve	F/W - - - - -	Front of Walk
BLDG - - - - -	Building	GAR - - - - -	Garage
BM - - - - -	Bench Mark	HDWL - - - - -	Headwall
BT SPK - - - - -	Boat or Bolt Spike	HSE - - - - -	House
BR CAP - - - - -	Brass or Bronze Cap	HWY - - - - -	Highway
C B - - - - -	Catch Basin	INT - - - - -	Intersection
CTR - - - - -	Center	IP - - - - -	Iron Pipe
C/L - - - - -	Center Line	LT - - - - -	Left
C/L INT - - - - -	Center Line Intersection	LACE - - - - -	L. A. City Engineer
C/L PROD - - - - -	Center Line Produced	LACS - - - - -	L. A. Co. Engineer
CONC - - - - -	Concrete	LAFC - - - - -	L. A. Co. Flood Control
COR - - - - -	Corner	L&BN - - - - -	Lead and Bench Nail
COE - - - - -	Corps of Engineers	L&BR - - - - -	Lead and Brad
CULV - - - - -	Culvert	L&N - - - - -	Lead and Nail
CYN - - - - -	Canyon	L&SPK - - - - -	Lead and Spike
CB - - - - -	Curb	L&T - - - - -	Lead and Tack
CS MON - - - - -	Co. Engineer Monument	MCR - - - - -	Middle of Curb Return
CT SPK - - - - -	Cut Spike	MKD - - - - -	Marked
DR - - - - -	Drive or Driveway	MC - - - - -	Middle of Curve
E/O - - - - -	East of	MON - - - - -	Monument
ECR - - - - -	End of Curb Return	N/O - - - - -	North of

ABBREVIATIONS USED IN BENCH MARK LISTINGS . . . CONTINUED

NR - - - - - Near
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
RDEM - - - - - Road Dept. Bench Mark
RDEM TAG - - - - - Road Dept. Bench Mark Tag
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



**NEWHALL
QUAD**

1-12-81

LOS
VENTURA
ANGELES

SANTA SUSANA
PASS

CO.
CO.

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	1301.813	L&T CONC BASE RR SEMAPHORE NO 4534 @ NW COR SPRR R/W & SAN FERNANDO RD	CL 594
NEWHALL (1978)	1288.341	L&BN N CB SAN FERNANDO RD 4FT W/O BCR @ NW COR SAN FERNANDO RD & 4TH ST	CL 595
NEWHALL (1978)	1284.428	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	CL 596
NEWHALL (1978)	1280.544	L&BN E CB SAN FERNANDO RD 4FT S BCR 25FT E C/L & 30FT S C/L 5TH ST	CL 597
NEWHALL (1978)	1264.451	L&T S CB 8TH ST 1FT E BCR 15FT S C/L & 38FT W C/L SAN FERNANDO RD	CL 599
NEWHALL (1978)	1259.953	L&BN E CB SAN FERNANDO RD 4FT S/O BCR @ SE COR SAN FERNANDO RD & LYONS AVE 56FT S & 36FT E C/L INT	CL 600
NEWHALL (1978)	1258.788	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	CL 602
NEWHALL (1978)	1242.255	RDBM TAG N CB 14TH ST 1FT W BCR 18FT N C/L & 81FT W C/L SAN FERNANDO RD	CL 604
NEWHALL (1978)	1241.483	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)	CL 605
NEWHALL (1978)	1228.794	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)	CL 606
NEWHALL (1978)	1216.529	USC&GS MCN 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)	CL 608
NEWHALL (1978)	1171.545	USC&GS MCN 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	CL 609
NEWHALL (1978)	1155.556	USC&GS MCN 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)	CL 611
NEWHALL (1978)	1223.801	L&T S CB 1FT E BCR @ SE COR SECC CANYON RD & ARRIBA DR 18FT S & 66FT E C/L INT MKD (EV 3)	CL 621
NEWHALL (1978)	1237.326	L&SPK E CB 6FT S BCR @ SE COR SECC CYN RD & CHAPARRO DR 60FT S & 30FT E C/L INT MKD (EV 4)	CL 622

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	1256.001	L&T E CB OF E SERVICE RD OF SECC CYN RD 0.1MI N/O DECORO DR & 15FT N/O PI FRONT OF HSE # 27204 MKD (RDBM)	CL 623
NEWHALL (1978)	1266.842	L&T NR BCR @ NE COR OF E SERVICE RD OF SECC CYN RD & LCS RGGUES DR 50FT N & 18FT E C/L INT MKD (BM EV 8)	CL 624
NEWHALL (1978)	1283.433	L&T NR BCR @ SE COR OF E SERVICE RD OF SECC CYN RD & PAMPLICO DR 45FT S & 18FT E C/L INT MKD (BM EV 9)	CL 625
NEWHALL (1978)	1296.950	L&BN E CB 10FT S BCR @ SE COR OF E SERVICE RD OF SECC CYN RD & CAVELLO DR 60FT S & 15FT E C/L MKD (BM EV 10)	CL 626
NEWHALL (1978)	1345.009	L&T @ SE COR CONC SLAB 65FT N C/L SAN FRANCISQUITO CYN RD & 0.1MI NLY SECC CYN RD 37FT W/O PP # 649955H	CL 628
NEWHALL (1978)	1429.644	1IN IP IN CONC 4IN UP 20FT S C/L SAN FRANCISQUITO CANYON RD @ SUMMIT OF GRADE 0.4MI NLY SECC CN RD (USE S EDGE)	CL 630
NEWHALL (1978)	1262.995	SPK IN W CB NEWHALL AVE 0.5FT S BCR @ SW COR NEWHALL AVE & MARKET ST 35FT S & 20FT W C/L INT	CL 806
NEWHALL (1978)	1301.996	L&T N EDGE CONC DRWY TO HSE NO 24509 VALLEY ST 33FT W C/L & 120FT N C/L 8TH ST MKD (BM)	CL 810
NEWHALL (1978)	1339.087	L&T CONC WALK TO HSE 23410 MAPLE ST 105FT S C/L & 60FT W C/L VALLEY ST	CL 813
NEWHALL (1978)	1335.656	L&T S CB OF S DRWY TO HSE NO 24347 CROSS ST 30FT W C/L & 150FT S C/L PROD MARKET ST	CL 814
NEWHALL (1978)	1333.092	L&T S CB OF N DRWY TO HSE NO 24345 CROSS ST 30FT W C/L & 3FT S C/L PROD MARKET ST	CL 815
NEWHALL (1978)	1291.706	L&T NR N EDGE CONC WK HSE # 22916 MARKET ST 35FT E/O C/L & 0.2MI S NEWHALL AVE MKD (BM)	CL 816
NEWHALL (1978)	1286.477	CS MGN IN WELL 6IN DN @ PI 10FT ELY C/L MARKET ST & 80FT N HSE # 22908 0.2MI S NEWHALL AVE	CL 817
NEWHALL (1978)	1243.093	RDBM TAG W END N HDWL SPRR CULV 447.63 92FT S C/L SOLEDAD CN RD & 0.3 MI E/LY GOLDEN CAK RD 450' E/O L A CITY AQUEDUCT LINE	CL 922
NEWHALL (1978)	1302.513	RDBM TAG NW COR CONC BASE SPRR SEMAPHORE 4467 113' S C/L SOLEDAD CN RD 500' E/O HONBY AVE	CL 926

05/04/79

LOS ANGELES COUNTY ROAD DEPARTMENT
SURVEY SECTION

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QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	1306.275	L&SCREW NE COR CONC BASE SPRR SEMAPHORE P4466 92' S C/L SOLEDAD CN RD & 830' E HONBY AVE STMPD (RDBM)	CL 927
NEWHALL (1978)	1340.553	RDBM TAG IN W END SQ HDWL CULV #3.71 193' SQ C/L SOLEDAD CN RD & 0.2 MI E/LY LANGSIDE AVE	CL 928
NEWHALL (1978)	1343.701	RDBM TAG W END CONC HDWL CULV #3.77 127' SQ C/L SOLEDAD CN RD & 0.35 MI E/LY LANGSIDE AVE	CL 930
NEWHALL (1978)	1407.118	L&BRAD S CB SOLEDAD CANYON RD 3FT W BCR @ SW COR VILNA AVE 42FT S & 60FT W/O C/L INT	CL 935
NEWHALL (1978)	1430.205	RDBM TAG E CB @ NE COR BR # 53-423 (W BARREL) OVER SANTA CLARA RIVER 18FT E/O C/L SIERRA HWY & 0.3MI S/O SOLEDAD CN RD	CL 939
NEWHALL (1978)	1428.923	FC MON E CB @ SE COR BRIDGE # 53-423 (W BARREL) OVER SANTA CLARA RIVER 18FT E/O C/L SIERRA HWY & 0.3MI S/O SOLEDAD CN RD MKD (BM 97-10 1950)	CL 940
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
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 MKD (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 0.1MI S/O CEDRAL ST	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 #32109 CROWN VALLEY RD 32' W/O C/L CROWN VALLEY RD & 50FT N/O C/L GILLESPIE AVE	BL 1552

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	2699.101	L&T NR W END OF CONC HDWL LARGE CULV 70FT E/O C/L CROWN VALLEY RD & 22FT N/O C/L SOLEDAD CYN RD NR M.P. MARKER #23.29 & 0.1MI S/O INT CORY AVE	BL 1554
BASELINE (1965)	2698.239	USCE&GS MON 12IN UP 30FT E/O C/L CROWN VALLEY RD & 230FT S/O C/L SOLEDAD CYN RD (0.1MI S/O INT CORY AVE) MKD (H 53 1926)	BL 1555
NEWHALL (1978)	2951.608	STATE HWY MON FLUSH 88FT S C/L SIERRA HWY & 750FT W CROWN VALLEY RD GPP ACTON JUNCT GAS STA 3FT IRON MKR 1FT E	CL 1556
NEWHALL (1978)	3003.445	CSBM MON 6IN UP 45FT N C/L SIERRA HWY & 0.6MI W CROWN VALLEY RD 90FT N PP 107517 MKD (BM 201-74 1961)	CL 1557
NEWHALL (1978)	3029.907	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)	CL 1558
NEWHALL (1978)	3040.849	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)	CL 1559
NEWHALL (1978)	3080.953	CS MON 6IN UP 56FT N C/L SIERRA HWY & 60FT W C/L RED ROVER MINE RD OFF-RAMP ANTELOPE VALLEY FRWY 0.1MI E/O WARD RD 5FT E/O PP 676652 MKD (BM MS 16)	CL 1560
NEWHALL (1978)	3197.513	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)	CL 1562
NEWHALL (1978)	3305.137	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)	CL 1563
NEWHALL (1978)	3390.362	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	CL 1564
NEWHALL (1978)	3236.842	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	CL 1565
NEWHALL (1978)	3077.473	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	CL 1566

QUAD-YEAR	ELEV	D E S C R I P T I O N (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	2982.295	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	CL 1567
NEWHALL (1978)	2823.176	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)	CL 1568
NEWHALL (1978)	2806.468	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)	CL 1569
NEWHALL (1978)	2768.696	CSBM MON 6IN UP 53FT N C/L SIERRA HWY & 0.5MI E JOHNSON RD 66FT E PP 276392E MKD (BM 201-85 1961) 2IN IP 3FT UP 2FT S	CL 1570
NEWHALL (1978)	2731.002	CSBM MON 6IN UP 57FT N & 45FT E C/L INT SIERRA HWY & JOHNSON RD MKD (BM 201-86 1961)	CL 1571
NEWHALL (1978)	2733.081	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)	CL 1572
NEWHALL (1978)	2635.016	CSBM MON 6IN UP 56FT N C/L SIERRA HWY & 0.9MI W AGUA DULCE CANYON RD 7FT E PP 1029748E MKD (BM 201-88 1961) 200FT E/O DIRT DR TO HSE #11253	CL 1573
NEWHALL (1978)	2455.269	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)	CL 1574
NEWHALL (1978)	2341.678	LACS BM MON 6IN UP 32FT S C/L SIERRA HWY & 0.2MI W SIERRA VALLEJC RD (PVT) OPP # 12645 SIERRA HWY MKD(BM 201-91 1961)	CL 1576
NEWHALL (1978)	2256.691	LACS MON IN W END N/LY HDWL CULV UNDER DRWY TO ALAMO CHRISTIAN FOUNDATION 54FT E/O C/L SIERRA HWY & 10' S/O C/L PROD CENTER ST MKD (BM 201-92 1961)	CL 1577
NEWHALL (1978)	2139.677	CSBM MON 6IN UP 46FT W C/L SIERRA HWY & 2.0MI N DAVENPORT RD 18' N/O PP #1504815E MKD (BM 201-93 1961) 2IN IP 3FT UP 2FT S	CL 1578
NEWHALL (1978)	2087.213	LACS BM MON 2IN UP 55FT W C/L SIERRA HWY & 1.45M NLY DAVENPORT RD 25FT S/O S P/L HCB NOB CAFE MKD(BM 201-94 1961) 2IN IP 3FT UP 2FT W	CL 1579
NEWHALL (1978)	2048.397	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) BUTTON DAMAGED	CL 1580

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	2019.249	LACS BM MON W END WINGWALL CULV #40.74 25FT W/O C/L SIERRA HWY 0.65MI N/O DAVENPORT RD MKD (BM 201-96 1961)	CL 1581
NEWHALL (1978)	1928.535	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	CL 1583
NEWHALL (1978)	1829.501	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)	CL 1585
NEWHALL (1978)	1785.060	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)	CL 1586
NEWHALL (1978)	1758.918	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)	CL 1587
NEWHALL (1978)	1718.826	L&SPK S END W HDWL CULV # 44.03 28FT W C/L SIERRA HWY & 235FT N VASQUEZ CANYON RD MKD (TBM)	CL 1588
NEWHALL (1978)	1694.883	CSBM MON FLUSH 16FT S & 52FT W C/L INT SAND CANYON RD & SIERRA HWY FRONT HSE 16449 MKD (BM 201-104 1961)	CL 1589
NEWHALL (1978)	1633.285	LACS BM MON 3IN UP 56FT E C/L SIERRA HWY & 0.2MI S FITCH AVE 10FT N PP # 516019E MKD (BM 201-10 1961) CPP HSE #16805	CL 1590
NEWHALL (1978)	1598.291	LACS BM MON 3IN UP 38FT E C/L SIERRA HWY OPP HSE # 17145 (VET CLINIC) SIERRA HWY 8FT E TP # 766152 MKD (BM 201-108 1961) 0.8MI N/O SCHERZINGER LANE	CL 1591
NEWHALL (1978)	1561.399	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)	CL 1592
NEWHALL (1978)	1517.855	CSBM MON FLUSH 45FT S & 60FT W C/L INT SIERRA HWY & HILLFIELD LN MKD (BM 201-108 1961)	CL 1593
NEWHALL (1978)	1474.995	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)	CL 1594
NEWHALL (1978)	2624.092	USC&GS MON W END S ABUT SPRR CULV 427.02 75FT W C/L CROWN VALLEY RD & 265FT N ENT ACTON REHABILITATION CAMP & ARRASTRE CN RD MKD (A-487 1955)	CL 1596

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	2593.899	USC&GS MON 6IN UP 20FT W/O C/L CROWN VALLEY RD & 0.75MI N ELY INT SOLEDAD CYN & CROWN VALLEY RD (0.3MI S/O ARRASTRE CYN RD) MKD (G 53 1926)	CL 1597
NEWHALL (1978)	2577.965	USC&GS MON S END HDWL SPRR CULV #427.71 45° W CTR CROWN VALLEY RD & 0.4MI N'E INT SOLEDAD CYN RD 1.2 MI N'E RAVENNA STA	CL 1598
NEWHALL (1978)	2523.828	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)	CL 1600
NEWHALL (1978)	2455.631	USC&GS MON W END S HDWL SPRR CULV 429.06 800FT W OLD RAVENNA STA & 0.3 MI W/LY BOGTLEGGER CN RD MKD (X-486 1955)	CL 1602
NEWHALL (1978)	1965.675	RDBM MON IN WELL 8IN DN 75FT E C/L AGUA DULCE CANYON RD & 220FT N C/L SOLEDAD CANYON RD 2IN IP MKR 3 FT UP 2 FT E	CL 1634
NEWHALL (1978)	1958.466	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)	CL 1635
NEWHALL (1978)	1984.678	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	CL 1636
NEWHALL (1978)	2059.183	L&BN IN S WLY ABUT OF BR # 1023 16FT WLY C/L AGUA DULCE CYN RD & 0.8MI S/O ANTELOPE VALLEY FRWY MKD (BM)	CL 1640
NEWHALL (1978)	2053.608	L&BN IN NELY END OF OLD ABUT OF BR #1023 41FT E C/L AGUA DULCE CYN RD & 0.8MI S/O ANTELOPE VALLEY FRWY MKD (BM)	CL 1641
NEWHALL (1978)	2135.624	CS MON NW COR BRIDGE # 8827 (OLD ROAD) 15FT W/O C/L OLD AGUA DULCE CYN RD & 0.2MI S/O ANTELOPE VALLEY FRWY MKD (2135.46)	CL 1642
NEWHALL (1978)	2479.156	CS MON 3IN UP ON SW COR AGUA DULCE CANYON RD & DAVENPORT RD 25FT S & 30FT W C/L INT MKD (BM NC 1049)	CL 1650
NEWHALL (1978)	2487.651	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	CL 1652
NEWHALL (1978)	2521.378	RDBM TAG S CB DRWY HSE 33324 AGUA DULCE CANYON RD 18FT E C/L & 400FT S DARLING RD	CL 1654

QUAD-YEAR	ELEV	D E S C R I P T I O N (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	2531.376	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)	CL 1655
NEWHALL (1978)	2557.000	RDBM TAG W END GAS PUMP ISL @ GAS STA 33613 AGUA DULCE CANYON RD 47FT N C/L & 0.4MI N DARLING RD	CL 1656
NEWHALL (1978)	2554.328	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)	CL 1657
NEWHALL (1978)	2687.897	RDBM TAG IN NW COR CONC SLAB IN FRONT OF BLDG # 34711 25FT W C/L AGUA DULCE CN RD & 1000FT S SIERRA HWY	CL 1660
NEWHALL (1978)	2697.058	RDBM TAG NR S EDGE CONC WALK TO CHURCH 26FT W C/L AGUA DULCE CANYON RD & 900FT S SIERRA HWY	CL 1661
NEWHALL (1978)	2717.617	RDBM TAG CTR HDWL CULV D 134&00 32FT N C/L SIERRA HWY & 50FT W C/L PROD AGUA DULCE CANYON RD	CL 1662
NEWHALL (1978)	1678.139	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)	CL 1664
NEWHALL (1978)	1923.263	CSBM MON 6IN UP 25FT W C/L SAND CANYON RD & 0.5MI S/O SIERRA HWY MKD (BM 202-13 1962)	CL 1666
NEWHALL (1978)	1576.119	CS MON IN WELL 14IN DN @ PI DN SAND CANYON RD 0.15MI N LIVE OAK SPRINGS CANYON RD 57FT SE PP 109C798E MKD (PI 23) USE S EDGE	CL 1667
NEWHALL (1978)	1583.501	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	CL 1668
NEWHALL (1978)	1628.488	CS MON IN WELL 9IN DN 11FT W C/L SAND CANYON RD @ PI 0.25MI S/O LIVE OAK SPRINGS CYN RD 40FT NW TP 107-91 MKD (PI 27) USE S EDGE	CL 1670
NEWHALL (1978)	1651.621	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	CL 1672
NEWHALL (1978)	1689.134	L&T SE COR CONC SLAB IN FRONT BLDG 27009 SAND CANYON RD 46FT W C/L & 0.15MI S CONDOR RIDGE RD 43FT SW PP X7269E MKD (BM)	CL 1674
NEWHALL (1978)	1844.914	FC MON W WINGWALL @ SW COR BRIDGE B1134 26FT S C/L PLACERITA CANYON RD & 400FT W SAND CANYON RD MKD (BM 146 03390 1963)	CL 1684

QUAD-YEAR	ELEV	D E S C R I P T I O N (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	1832.466	L&BN ROCK WALL OF DRAIN ON SE CCR PLACERITA CANYON RD & RAVENHILL RD 18FT S & 53FT E C/L INT	CL 1685
NEWHALL (1978)	1882.952	L&T CTR CONC HDWL 18FT S C/L PLACERITA CANYON RD & 45FT E DRWY HSE #16400 (W SIDE CULV #6.67) 45FT SE PP #1261556E & 0.35MI W RAVENHILL RD MKD (BM)	CL 1687
NEWHALL (1978)	1909.642	L&BN E ROCK WALL OF DRAIN #6.59 20FT S/O C/L PLACERITA CYN RD & 0.4MI W RAVENHILL RD 60FT SE PP # 1248626E MKD (BM)	CL 1688
NEWHALL (1978)	1976.413	L&BN ROCK WALL OF DRAIN #6.16 15FT N/O C/L PLACERITA CYN RD & 55FT E/O C/L RD TO SPECIAL DEVICES INC 0.8MI W/O RAVENHILL RD MKD (BM)	CL 1689
NEWHALL (1978)	1979.104	L&BN CONC HDWL 45FT S C/L PLACERITA CANYON RD & 18FT E/O C/L RD TO SPECIAL DEVICES INC 0.8MI W/O RAVENHILL RD MKD (BM)	CL 1690
NEWHALL (1978)	1917.892	L&BN IN ROCK WALL 18FT N C/L PLACERITA CANYON RD & 1.1MI W RAVENHILL RD 72FT NW PP # 1383133E MKD (BM)	CL 1691
NEWHALL (1978)	1911.072	L&BN ROCK WALL OF DRAIN 15FT N C/L PLACERITA CYN RD & 1.1MI W RAVENHILL RD 58FT NE PP #1383132E MKD (BM)	CL 1692
NEWHALL (1978)	1800.278	L&BN ROCK WALL 22FT S C/L PLACERITA CANYON RD & 0.85MI E RUNNING HORSE RD 7FT W PP # 1382987E MKD (BM)	CL 1697
NEWHALL (1978)	1754.243	L&BN ROCK WALL 2FT E/O W END 16FT N/O C/L PLACERITA CYN RD 0.6MI E RUNNING HORSE RD 55FT W PP #1382982E MKD (BM)	CL 1698
NEWHALL (1978)	1657.984	L&BN IN ROCK WALL OF DRAIN 25FT S/O C/L PLACERITA CYN RD & 173FT E/O RUNNING HORSE RD 0.5MI E ENT TO PLACERITA STATE PK 105FT W PP # 1382973E MKD BM	CL 1700
NEWHALL (1978)	1627.557	L&BN ROCK WALL OF DRAIN 24FT S C/L PLACERITA CANYON RD & 0.4MI E OF ENT PLACERITA STATE PARK 21FT E PP #1382970E MKD (BM 129-02460)	CL 1701
NEWHALL (1978)	1524.397	L&BN CONC HDWL @ SE CCR BRIDGE 30FT S C/L PLACERITA CANYON RD & 305FT W ENT TO PLACERITA STATE PARK MKD (BM)	CL 1703
NEWHALL (1978)	1574.049	L&BN ROCK WALL OF CULV 18FT N C/L PLACERITA CANYON RD & 1.0MI E SIERRA HWY 130FT NE PP 1382961E MKD (BM)	CL 1705

QUAD-YEAR	ELEV	D E S C R I P T I O N (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	1526.183	L&BN ROCK CULV WALL 21FT S C/L PLACERITA CANYON RD & 0.7MI E SIERRA HWY 35FT E PP 1382956E MKD (BM)	CL 1706
NEWHALL (1978)	1507.922	L&BN E ROCK WALL OF DRAIN 20FT S/O C/L PLACERITA CYN RD 0.65MI E SIERRA HWY 25FT E PP #1382954E MKD (BM)	CL 1707
NEWHALL (1978)	1463.630	L&BN ROCK HDWL CULV 2.45 26FT S/O C/L PLACERITA CANYON RD & 0.35MI E SIERRA HWY MKD (BM)	CL 1708
NEWHALL (1978)	1377.490	L&SCREW IN CONC BLOCK 260FT N C/L PLACERITA CANYON RD & 6FT E L A CITY AQUEDUCT 0.3MI W SIERRA HWY	CL 1712
NEWHALL (1978)	1358.210	FOREST RESERVE BOUNDARY POST 28IN UP 15FT N C/L PLACERITA CYN RD 25FT N/O N PL HSE #21003 MKD (154-1905)	CL 1714
NEWHALL (1978)	1354.404	L&BN CONC FTG W GATE POST DIRT RD OPP HSE #21003 54FT S/O C/L PLACERITA CYN RD & 0.6MI W SIERRA HWY MKD (BM)	CL 1715
NEWHALL (1978)	1300.206	L&T NW COR TOP CONC STEP OF WALK ON SE COR PLACERITA CYN RD & QUIGLEY CYN RD 60FT S & 18FT E/O C/L INT MKD (BM)	CL 1716
NEWHALL (1978)	1255.393	CS MGN IN WELL 18IN DN @ C/L INT PLACERITA CANYON RD & 12TH ST USE N EDGE	CL 1720
NEWHALL (1978)	1256.381	L&BN CONC SLAB @ ENT TO BLDG ON SW COR PLACERITA CANYON RD & 12TH ST 40FT S & 66FT W C/L INT	CL 1721
NEWHALL (1978)	1378.768	RDBM TAG E CB CROSSGLADE 155 1FT S BCR @ SE COR SOLECAD CANYON RD & CROSSGLADE AVE 70FT N & 18FT E C/L INT	CL 1722
NEWHALL (1978)	1377.754	RDBM TAG W CB CROSSGLADE AVE 3FT N BCR @ NW COR SOLECAD CANYON RD & CROSSGLADE AVE 73FT N & 18FT W C/L INT	CL 1723
NEWHALL (1978)	1366.681	RDBM TAG E CB WHITES CANYON RD 40FT N BCR @ NE COR SOLECAD CANYON RD & WHITES CANYON RD 134FT N & 40FT E C/L INT	CL 1724
NEWHALL (1978)	1346.188	LS TAG 2602 IN E CB WHITES CANYON RD 3FT S BCR @ SE COR WHITES CANYON RD & PLEASANTDALE ST 61FT S & 40FT E C/L INT	CL 1727
NEWHALL (1978)	1345.022	LS TAG 2602 IN E CB WHITES CANYON RD 5FT N BCR @ NE COR WHITES CANYON RD & PLEASANTDALE ST 63FT N & 40FT E C/L INT	CL 1728

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1978)	1357.477	LS TAG 2602 IN W CB WHITES CANYON RD 5FT S BCR @ SW COR WHITES CANYON RD & RANIER ST 55FT S & 40FT W C/L INT	CL 1729
NEWHALL (1978)	1197.086	RDBM TAG CONC FOOTING OF BLOCK WALL 60FT SLY C/L BOUQUET CANYON RD NR C/L PROD SECO CN RD	CL 1733
NEWHALL (1978)	1224.801	RDBM TAG N CB 1FT W/O BCR @ NW COR 70FT W/O ALAMOGORDO RD & 40FT N/O BOUQUET CYN RD	CL 1735
NEWHALL (1978)	1267.351	RDBM TAG S END ROCK HDWL @ L A CITY AQUEDUCT 24FT E C/L BOUQUET CANYON RD & 500FT N ENT CO REHABILITATION CTR	CL 1738
NEWHALL (1978)	1349.740	LAFC MON FL 46FT E C/L BOUQUET CN RD & 140FT S FC CHANNEL #BIG 53 4FT SO GP # 2074284E MKD (BM 144-00800 1963) 2IN IP 3FT UP 3FT SO 373FT S/O PLUM CN RD	CL 1741
NEWHALL (1978)	1401.894	L&T IN CONC WK 75FT S/O C/L BOUQUET CYN RD 0.6MI N ELY RUSS JAY ST & 63FT SE PP # 1482799E MKD (BM)	CL 1745
NEWHALL (1978)	1512.685	RDBM TAG IN CTR HDWL CULV # 18.04 25FT E/O C/L BOUQUET CN RD & 218FT S/O C/L VASQUEZ CN RD	CL 1752
NEWHALL (1978)	1516.099	CS MON IN WELL 15IN DN ON C/L VASQUEZ CANYON RD 11FT E C/L BOUQUET CANYON RD MKD (1/4 COR 32 33 R15W T5N) USE NO EDGE	CL 1753
NEWHALL (1978)	1558.412	CS MON IN WELL 24IN DN ON C/L VASQUEZ CANYON RD 0.5MI E BOUQUET CANYON RD 77FT SE PP # 1527329E MKD(CTR SEC 33 T5N R15W) USE SLY EDGE	CL 1754
NEWHALL (1978)	1657.675	L&T IN W ROCK WALL OF DRAIN 17FT N/O C/L VASQUEZ CN RD & 1.0MI E BOUQUET CN RD 130FT E HWY MKR	CL 1756
NEWHALL (1978)	1681.621	RDBM TAG ROCK WALL OF DRAIN @ HWY MKR 1.12 15FT S C/L VASQUEZ CANYON RD & 1.2MI E BOUQUET CANYON RD 95FT SW PP 1527349E	CL 1757
NEWHALL (1978)	1895.380	L&T IN W ROCK WALL OF DRAIN 30FT SE C/L VASQUEZ CANYON RD NR BC 1.8MI E BOUQUET CANYON RD 35FT S PP 1527368E MKD (RDBM)	CL 1758
NEWHALL (1978)	1897.117	L&T IN E ROCK WALL OF DRAIN 20FT SE C/L VASQUEZ CN RD & 1.8MI E BOUQUET CN RD 10FT S PP # 1527368E MKD (RDBM)	CL 1759
NEWHALL (1978)	1977.499	RD MON IN WELL 8IN DN ON C/L VASQUEZ CANYON RD @ BC 2.2MI E BOUQUET CANYON RD 56FT NW PP 1527382E	CL 1760