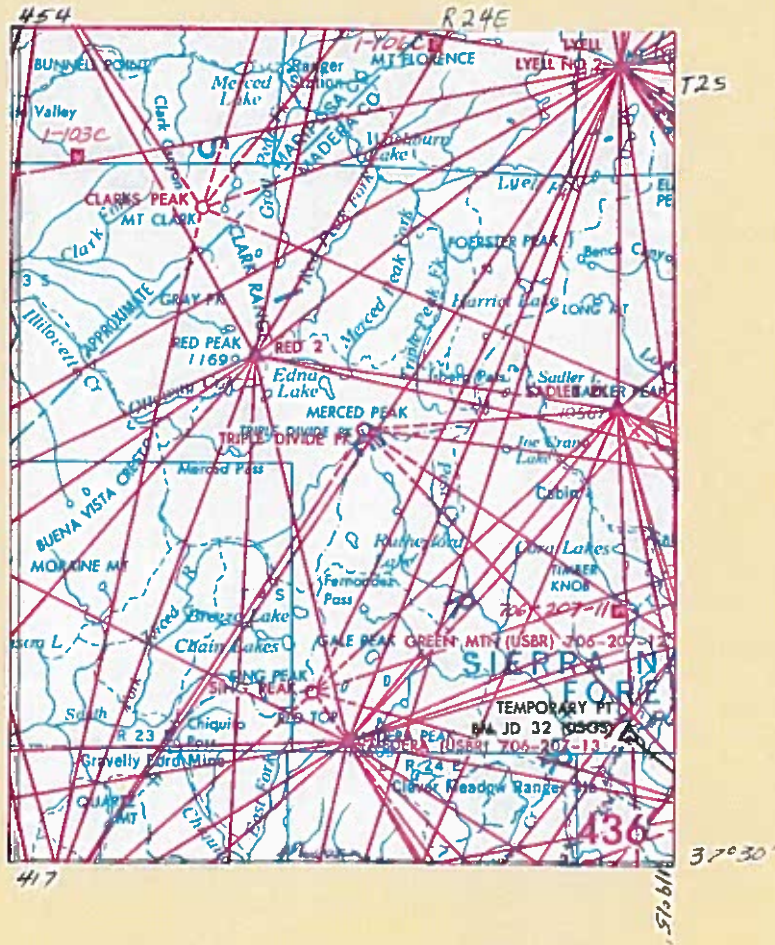


37°30'
119 15



37°30'
119 15

CALIFORNIA 436

Index

<u>Station</u>	<u>Project</u>
Clarks Peak	- - (M)
Iyell No. 2	- - (M)
Madera (USBR)	- - (M)
Red 2	- - (M)
Sadler Pk.	- - (M)
Sing Pk (1-70 D)	Devils Postpile
Lost Triple Divide Pk. Lost	- - (M)
1-103 C	Devils Postpile
1-106 C <i>Inactive File</i>	Devils Postpile
706-207-11	Devils Postpile *

*Devils Postpile Project Master in CALIFORNIA 416 - Book: (Computed from USBR)
Devils Postpile Project Master in CALIFORNIA 415 - Book: PH 208

THIRD-ORDER TRIANGULATION
North American Datum of 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MERCED PEAK QUADRANGLE
CALIFORNIA 436
N3730-W11915/15

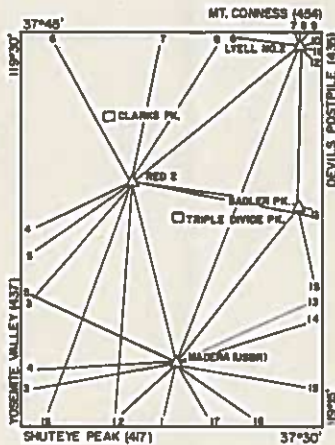
FILE COPY

Madera, Mariposa,
Mono and Tuolumne
Counties

Edition of 3/17/58

Numbered lines indicate
listed azimuths and
distances to the
following stations
not on the
quadrangle:

1. Shuteye(C&GS)
2. Deadwood
3. Raymond
4. Signal Peak L.O.
5. Buena Vista
6. Clouds Rest(VABM 9929)
7. Mt. Conness(C&GS)
8. Mount Dana(C&GS)
9. Donohue Pk.
10. Mount Downs(C&GS)
11. San Joaquin
12. Mammoth(USBR)
13. Iron Mtn.
14. Green Mtn.(USBR)
15. Cattle Mtn(USBR)
16. Mt. Tom L.O.T.
17. Kaiser(C&GS)
18. Iron(VABM 9154)



Books: 805-841; PK 207-208

LYELL NO. 2 Madera-Tuolumne Counties CALIFORNIA

C. F. Urquhart, 1905
D. R. Steele, 1952

Described in Bulletin 310, page 168.

Note: Station Lyell was a triangle chiseled on face on rock with "USGS" chiseled above. An old bronze tablet was found in cairn, but not set. It was impossible to set the new tablet in center of old mark. The new mark is 0.6 ft. E. of old mark, in top of small boulder.

Description by D.R.S., 1952 as follows:

Located about 18.0 mi. E. of Yosemite Valley, 10.0 mi. SSE. of Tuolumne Meadows Ranger Station, at junction of Cathedral Range, Ritter Range and Sierra Crest, on highest point of Mt. Lyell.

To reach from Tuolumne Meadows Ranger Station, ride E. and S. on Donohue Pass Trail up Lyell Canyon for 4.0 mi. to Lyell Upper Base Camp. Pack up trail 15-min. to where trail turns E.; continue S. up canyon following duck line for 1-hr. and 20 min. thence left SSW. up slope for 2-hrs. across snow field and glacier to base of rock bluff in saddle between Mt. Lyell and Mt. McClure thence left; climb bluff (ropes are suggested to transport equipment); continue up steep slope to highest point on E. end of top and station. A 5 1/2-hr. pack from base camp.

Station mark: Standard tablet stamped "LYELL NO 2 1952" cemented in drill hole in large granite boulder.

Reference mark No. 1: Copper nail and washer stamped "1" leaded in drill hole in large granite boulder. (No distances or azimuths).

Reference mark No. 2: Copper nail and washer stamped "2" leaded in drill hole in large granite boulder 17.29 ft. from station mark in azimuth 245°46'.

Note: Center of cairn is 2.08 ft. from station mark in azimuth 31°06'09"

CALIF. ZONE 3
X=2,355,493.0
Y= 453,635.6

V. A. elevation 13,114 ft.

Latitude: 37°44'22.171" Longitude: 119°16'14.140"

To Station	Azimuth	Back Azimuth	Feet
Sadler Pk.	0°42'48.7"	180°42'45.2"	36,679.6
Shuteye(C&GS)	17 47 02.9	197 41 19.3	149,074.1
Madera(USBR)	22 03 29.9	201 59 44.2	79,286.8
Red 2	52 03 33.7	231 58 30.2	50,615.1
Signal Peak L.O.	60 44 23.5	240 27 12.6	155,890.0
Clouds Rest(VABM 9929)	99 25 03.3	279 17 03.5	63,778.6
Mt. Conness(C&GS)	170 11 31.0	350 09 41.2	84,119.1
Mount Dana(C&GS)	193 59 54.4	14 01 45.8	60,229.0
Donohue Pk.	222 37 30.5	42 39 01.5	17,622.0
Mount Downs(C&GS)	255 54 49.1	76 02 42.5	63,993.0
San Joaquin	278 46 41.8	98 52 46.4	48,440.7
Mammoth(USBR)	299 44 06.5	119 52 52.3	79,693.8
Silver	323 29 22.0	143 38 31.8	122,079.6
Iron Mtn.	326 18 34.7	146 22 30.3	55,928.3
Cattle Mtn.(USBR)	351 56 46.9	171 58 13.2	81,260.7

MADERA(U.S.B.R.) Madera County CALIFORNIA

U.S.B.R., 1951
D. R. Steele, 1952

Located about 15.0 mi. SSE. of Mt. Lyell, 13.0 mi. E. of Mariposa Grove Big Trees, 5.0 mi. W. of Clover Meadow Ranger Station, on highest triangular point of Madera Pk.

To reach from Bass Lake Post Office, drive N. on Soldier Meadow Road 28.9 mi. to Parker's High Sierra Pack Station thence by horse up Jackass Lakes Trail to Upper Jackass Lake; continue around to N. side of lake thence cross country N. and W. up rocky slope to saddle and small lake; continue N. and E. around nose of ridge to two juniper trees in saddle. Pack NW. up ridge to saddle thence W. and NW. up ridge to highest point and station. A 40-min. pack.

Station mark: Standard U.S.B.R. tablet stamped "706-207-13" cemented in rock outcrop, 0.4 ft. below ground.

Reference mark No. 1: Chiseled cross on rock, 20.10 ft. from station mark in azimuth 0°08'.

Reference mark No. 2: Chiseled cross on rock, 40.90 ft. from station mark in azimuth 57°21'.

CALIF. ZONE 3
X=2,326,686.7
Y= 379,772.7

V. A. elevation 10,509 ft.

Latitude: 37°32'15.513" Longitude: 119°22'23.811"

To Station	Azimuth	Back Azimuth	Feet
Shuteye(C&GS)	12°53'47.4"	192°51'49.4"	70,253.8
Deadwood	48 03 49.6	227 52 27.8	121,841.9
Raymond	80 35 29.8	260 28 35.6	55,542.8
Signal Peak L.O.	88 28 27.7	268 15 04.4	106,258.2
Buena Vista	116 22 55.0	296 17 40.2	46,383.3
Red 2	166 28 28.0	346 27 10.8	43,559.7
Lyell No. 2	201 59 44.2	22 03 29.9	79,286.8
Sadler Pk.	218 28 39.1	38 32 21.2	47,056.8
Iron Mtn.	246 01 59.3	66 09 39.8	66,504.2
Green Mtn.(USBR)	252 45 36.1	72 50 13.8	38,403.3
Cattle Mtn.(USBR)	279 31 24.2	99 38 35.5	43,747.7
Mt. Tom L.O.T.	315 58 20.5	136 05 28.2	81,666.5
Kaiser(C&GS)	328 12 27.8	148 19 20.4	104,162.5

RED 2 Madera County CALIFORNIA

E. T. Perkins, 1900
D. R. Steele, 1952

Original description in Bulletin 181, page 211.

New description by D.R.S., 1952, as follows:

Located about 15.5 mi. NE. of Wawona and 12.0 mi. SE. of Yosemite, on highest point of Red Peak.

To reach from Bass Lake Post Office, drive N. on Soldier Meadow Road 28.9 mi. to Parker's High Sierra Pack Station thence with stock up Fernandez Pass Trail 6-hrs. to Moraine Meadow thence N. 1-hr. on Merced Pass Trail to Red Peak Trail thence E. 1-hr. to Ottoway Lake and camp site. Pack N. from camp site up large drain to ridge thence E. up ridge to highest point and station. A 2-hr. pack.

Station mark: Standard tablet (old style) stamped "RED 2 1952" cemented in large boulder.

Note: Old tablet was found in crack in rock (not cemented). Old mark was stamped and cemented in drill hole about 6-in. S. of old position.

Note: No suitable place was available for reference marks.

CALIF. ZONE 3
X=2,315,990.6
Y= 421,995.7

V. A. elevation 11,699 ft.

Latitude: 37°39'14.209" Longitude: 119°24'30.489"

To Station	Azimuth	Back Azimuth	Feet
Shuteye(C&GS)	2°48'55.9"	182°48'14.8"	110,969.2
Iron(VABM 9154)	20 18 48.5	200 15 52.7	66,943.4
Raymond	40 54 53.2	220 49 15.7	68,081.1
Buena Vista	55 15 00.7	235 11 02.9	38,163.2
Signal Peak L.O.	64 46 59.1	244 34 52.0	106,130.0
Clouds Rest(VABM 9929)	150 57 03.6	330 54 07.9	47,497.4
Mt. Conness(C&GS)	192 33 54.6	12 37 09.2	116,846.1
Mount Dana(C&GS)	211 12 51.4	31 20 46.8	104,832.8
Lyell No. 2	231 58 30.2	52 03 33.7	50,615.1
Sadler Pk.	277 55 50.4	98 00 50.2	39,850.0
Iron Mtn.	282 10 29.5	102 19 28.0	72,596.5
Madera(USBR)	346 27 10.8	166 28 28.0	43,559.2

GPO 978191

FILE COPY

SING PK. (1-70D) (n)

Madera County

Calif. (436)

D. R. Steele

1952

1927 N.A.D. (unadjusted)

Books: PH 207-208

Located about 13.0 mi. (airline) E. of Mariposa Grove Big Trees, 6.0 mi. (airline) WNW. of Clover Meadow Ranger Station, on highest point of Sing Pk.

STATION MARK AND SIGNAL: Highest point.

V. A. ELEVATION: 10,552 feet

Latitude 37°33'15.20"

Longitude 119°23'11.44"

<u>To Station</u>	<u>Azimuth</u>	<u>Back Azimuth</u>	<u>Log.Meters</u>
Lyell No. 2	206°23'57"	26°28'12"	4.36113
Sadler Pk.			4.13948
Iron Mtn.	251 59 49	72 07 59	4.31599
Green Mtn. (USBR)			4.09552
Cattle Mtn. (USBR)			4.15444
Madera (USBR)			3.33723

(n) = Not Occupied

12/4/52 cg ✓

FILE COPY

~~PP~~ 1-103C

Mariposa County

Calif. (436)

W H. Chapman

1952

1927 N.A.D. (unadjusted)

Books: PH 207-208

Located about 13.0 mi. (airline) SSW. of Tuolumne Meadows Ranger Station, 9.0 mi. (airline) SSE. of Yosemite, on top of large granite monolith 1.0 mi. E. of Starr King Meadow.

STATION MARK: Copper nail with washer, set in drill hole on large boulder 2 ft. N. of highest point.

SIGNAL: Red over white flags on pole centered over station mark.

SIGNAL DATA:	Top red flag	11.1 ft.
	Between red/white	7.4 "
	Bot. white flag	4.4 "

CALIF. ZONE 3
 X=2,296,336.
 Y= 441,531.

V. A. ELEVATION: 8962.5 feet

Latitude 37°42'29.54"

Longitude 119°28'32.23"

<u>To Station</u>	<u>Azimuth</u>	<u>Back Azimuth</u>	<u>Log.Meters</u>
Buena Vista	15°59'09"	195°57'39"	4.11952
Starr King			3.56253
Clouds Rest			3.82694
Clarks Peak			3.64647
Red 2	315 28 22	135 30 50	3.92679

12/4/52 cg ✓

FILE COPY

P.P. 1-106C

Madera County

Calif. (436)

D. R. Steele

1952

1927 N.A.D. (Unadjusted)

Books: PH 207-208

INACTIVE FILE

Located about 14.0 mi. (airline) E. of Yosemite Valley, 9.2 mi. (airline) S. of Tuolumne Meadows Ranger Station, on highest point on W. end of divide between Lyell Fork of Merced River and Florence Creek. The divide drops abruptly for about 1000 ft. on Florence Creek side.

To reach from Tuolumne Meadows Ranger Station, ride S. on Vogelsang High Sierra Camp Trail for 2 1/2 hours to Vogelsang High Sierra Camp, thence take Vogelsang Pass Trail for 2 hours to Isberg Pass Trail jct., thence left onto Isberg Pass Trail for 1 hour to second creek crossing after making steep ascent. Turn left up stream cross country for 20 minutes to meadow on bench. Camp at this point. From here ride NNE. up meadow to higher bench, continue across bench to highest point and station.

STATION MARK: Copper nail with washer leaded into drill hole in large granite boulder.

REF. MARKS: None set.

SIGNAL: Cairn.

SIGNAL DATA: Top of cairn 3.0 feet

CALIF. ZONE 3
X=2,335,482.
Y= 454,751.

11,275-7MM

V. A. ELEVATION: ~~12,275.1~~ feet

Latitude 37°44'35.72"

Longitude 119°20'23.08"

<u>To Station</u>	<u>Azimuth</u>	<u>Back Azimuth</u>	<u>Log.Meters</u>
Triple Divide Pk.			4.10280
Red 2	31°27'44"	211°25'12"	4.06527
Clarks Peak			3.96980
Starr King			4.21006
Clouds Rest	101 49 11	281 43 43	4.12611

12/4/52 cg ✓

FILE COPY

706-207-11

Madera County

Calif. (436)

Engineering Service Corp.

1951

1927 N.A.D.

ELEVATION: 8530.60 ft.

GRID COORDINATES CALIF. III

X = 2,356,132.63

Y = 393,628.66

Latitude 37°34'28.837"

Longitude 119°16'15.987"

<u>To Station</u>	<u>Azimuth</u>	<u>Back Azimuth</u>	<u>Log Meters</u>	<u>Miles</u>
Jackass Rock	9°28'30.62"	189°27'25.56"	4.2028273	9.912
706-207-01	27 58 44.59	207 56 39.02	4.0331869	6.707
" " 13	65 32 45.18	245 29 00.95	3.9965707	6.165
" " 12	286 47 47.28	106 48 40.75	3.3517482	13.967
" " 08	330 35 23.82	150 36 51.02	3.8546550	4.446
Squaw Dome	356 02 10.40	176 02 28.14	4.0150866	6.433

5/20/52 cg ✓

FILE COPY

HORIZONTAL CONTROL DATA

QUAD 371191 STATION 1012
 CALIFORNIA
 LATITUDE 37° 30' TO 38° 00'
 LONGITUDE 119° 00' TO 119° 30'
 DIAGRAM NJ 11-7 MARIPOSA

by the
 Coast and Geodetic Survey
 NORTH AMERICAN 1927 DATUM

ADJUSTED HORIZONTAL CONTROL DATA

DESCRIPTION OF TRIANGULATION STATION

NAME OF STATION: CATTLE STATE: California COUNTY: Madona DESCRIBED BY: D.A. Bowling
 CHIEF OF PARTY: C.A. Annis YEAR: 1968

MARK	OBJECT	BEARING	FEET	METERS	DIRECTION
12a	BROWN RM NO 2	E	20.95	6.307	0 00 00.00
	Shut-eye Lookout House	ESB	(16 miles)		24 45 58.0
12a	RM NO 1	N	15.28	4.654	42 41 16.0

Station is located about 25 miles north-northeast of North Fork, 17 miles north-northwest of the High Sierra Ranger Station, 17 miles southwest of Mammoth Lake, 2.5 miles east-southeast of the Clover Ranger station, on a low rock covered ridge running southwest-northeast that has a few scattered trees, with the station on the highest point, near the southwest end of ridge.

To reach from the surfaced intersection, just south of the U.S. Post Office in the village of North Fork, go easterly on surfaced road for 0.25 mile to a surfaced crossroad, continue easterly on Mammoth road for 0.95 mile to a fork and sign "Mammoth Pool 4.3", keep the right fork following main surfaced road southeasterly then northerly for 36.3 miles to a fork and sign "Mammoth Pool", keep the left fork and continue on the main surfaced road northerly for 8.0 miles to the end of surfaced road, continue ahead on main graveled road northerly for 1.9 miles to a side road left, continue ahead, northerly, on main graveled road for 3.2 miles to a fork and sign "Clover G.S. 2", keep the right fork and continue northerly on main graveled road for 1.8 miles to a fork just before reaching the Clover Ranger Station on the left, keep the right fork and follow main graveled road for 0.45 mile to a fork and sign "Granite Creek Campground 1/2", keep the right fork and follow main traveled road for 1.2 miles passing through ~~campgrounds~~ to a fork just after crossing a small creek and sign "Saddle and Pack Stock", keep the right fork and follow main track road easterly crossing a creek for 1.0 mile to a fence and sign "Boundary-Water Shed Protection Area", continue easterly along the south side of fence and up steep grade for 1.65 miles to a side track road right and a painted triangular blaze on a 20-inch tree on the right, turn right on dim track road and go southerly through wooded area for 0.75 mile to where track road reaches top of a rock covered ridge and a sharp drop off, continue southerly for 1.3 miles to the end of truck travel, from here pack south-southwest crossing saddle and up ridge to the highest point and the station, packing time is about 30 minutes, a 4-wheel drive truck is needed for about the last 2 miles.

Station mark, a standard disk stamped CATTLE 1968, cemented in a drill hole in an outcrop which projects about 3 inches and the mark is countersunk about 2 inches below the surface of the outcrop. It is 54.2 feet north of a 15 inch pine tree and on the highest part of the ridge.

Reference mark 1, a standard disk stamped CATTLE NO 1 1968, cemented in a drill hole in an outcrop which is about 1 foot lower than the station, mark is countersunk about 2 inches below the surface of the outcrop. It is 54.0 feet north of a 15 inch pine tree and on the top of ridge.

Reference mark 2, a standard disk stamped CATTLE NO 2 1968, cemented in a drill hole in an outcrop and is countersunk about 2 inches below the surface of the outcrop. It is 25.7 feet north of a 15 inch pine tree and on the top of ridge.

U.S. Bureau of Reclamation Bench Mark, stamped DATUM 706 207 8, cemented in a drill hole in an outcrop and projects 4 inches. It is 55.8 feet north of a 15 inch pine tree.

NAME OF STATION: CATTLE YEAR: 1968 SECOND ORDER
 STATE: CALIFORNIA LOCALITY: SIERRA NATIONAL FOREST
 SOURCE: 0-14172 FIELD SKETCH: CALIF 540

GEODETIC LATITUDE	GEODETIC LONGITUDE	ELEVATION	METERS	FEET
37 31 06.61782	119 13 56.88147	2420.6	7942	

STATE & ZONE	LOOK	A	B	PLANE ANGLE
CALIF. III	0403	2,367,929.76	373,331.96	+ 0 46 36
CALIF. IV	0404	1,932,892.53	795,609.40	- 0 08 17

* PLANE ANGLE HAS BEEN COMPUTED BY THE 8-ORD. METHOD SELECTING THE SECOND TERM

TO STATION OR OBJECT	GEODETIC AZIMUTH (From look)	PLANE AZIMUTH (From look)	CODE
BROWN	0 08 52.5	359 22 16	0403
BROWN	0 08 52.5	0 17 09	0404

HORIZONTAL CONTROL DATA

by the
 Coast and Geodetic Survey
 NORTH AMERICAN 1927 DATUM

CALIFORNIA
 QUAD 371191 STATION 1013
 CALIFORNIA
 LATITUDE 37° 30' 10" 36" 00"
 LONGITUDE 119° 00' 10" 19" 30"
 DIAGRAM: NJ 11-7 MARIPOSA

436

ADJUSTED HORIZONTAL CONTROL DATA

DESCRIPTION OF ~~XXXXXXXXXXXXXXXXXXXX~~ STATION
 BENCH MARK
 NAME OF STATION: JD 32 (USGS)
 GEODIMETER TRAVERSE

NAME OF STATION: BENCH MARK JD 32 USGS
 STATE: CALIFORNIA
 YEAR: 1968
 SECOND

LOCALITY: SIERRA NATIONAL FOREST
 SOURCE: G-14172
 NO OBSERVATIONAL CHECK ON THIS POSITION
 FILE NUMBER: CALIF 540

STATE COORDINATES (FEET)
 STATE: CALIFORNIA
 COUNTY: CALIF.
 GEODETIC LATITUDE: 37° 32' 30.48208"
 GEODETIC LONGITUDE: 119° 16' 05.62475"
 ELEVATION: 2124.15 METERS
 6969.0 FEET

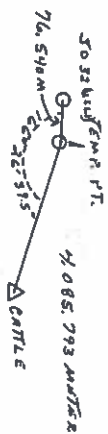
STATE	COUNTY	TOWNSHIP	RANGE	SECTION	FILE NUMBER
CALIF.	111	0403	2,357,124.29	381,670.32	+ 0 45 15"

*LINE LENGTH HAS BEEN COMPUTED BY THE 8 CON Δ FORMULA NEGLECTING THE SECOND TERM

NAME OF STATION	GEODETIC ALTITUDE (From Mean Sea Level)	PLANE ALTITUDE (From Mean Sea Level)	CODE
CATTLE	308 24' 44.5"	307 39' 30"	0403

POSITION DETERMINED BY TRAVERSE FROM STATION CATTLE

Chief of Party: C.A. Amis
 Year: 1968
 State: California
 Country: Madera
 Description: Including sketch of object: Station is located about 25 miles northeast of North Fork, 2 1/2 miles northwest of Cattle Mountain and 1 1/2 miles north of the Clover Ranger Station in the Granite Creek Campgrounds.
 To reach from the Clover Ranger Station, go northerly on main road for 0.45 mile to fork and sign "GRANITE CREEK CAMPGROUNDS 1/2", take the right fork and follow main road for 1 mile to the Granite Creek Campgrounds Rest-room and station.
 Station mark, a U.S. Geological Bench Mark disk stamped 6969 JD 32 1952, is set in a drill in a large boulder which projects 1 foot. The mark is 30 feet west of the rest-room and 32 feet east of the base of a rock ledge.



Form CGO-1233 (12-54)
 RECORDING SHEET
 Described by: *Richard A. Bell*
 U.S. DEPARTMENT OF COMMERCE
 COAST AND GEODETIC SURVEY

FILE COPY
 FEB 9 1981

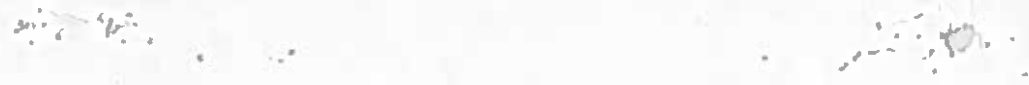
TRICITE
SEA MOUNTAIN
1911

CONTACTS

CLUB

MEMBER

MEMBER LIST



37 119 1 CALIF. 436
37° 30'
119 15

NAME

BENCH MARK JD 32 USGS

STATION

1013

435

RECORD OF SURVEY MONUMENT

State California County Modoc
 Section 3 T. 5 S. R. 25 E. M. Diablo, S. & M.
 Lot 0 Long. 0
 Y 23, 28, 96 X 2, 3, 6, 7, 8, 9, 10, 11, 12 Zone 3
 Grid Azimuth
 Hor. Accuracy THIRD ORDER
 Book Ref. (Hor.) BE # 595
 Photo Identity Picture Number W 1-86

Station Designation CATTLE MT. U.S.M.R.
 Type of Marker BRASS CAP Stamped 3-2-1935
 Soil Generated in hole drilled on back
 By E.S.C. Organization U.S.G.P. Date Jan 1937
 Elevation 151.04 Ft Datum 1929
 Vert. Accuracy THIRD ORDER
 Book Ref. (Vert.) BE # 595
 Project Upper Sea Level River

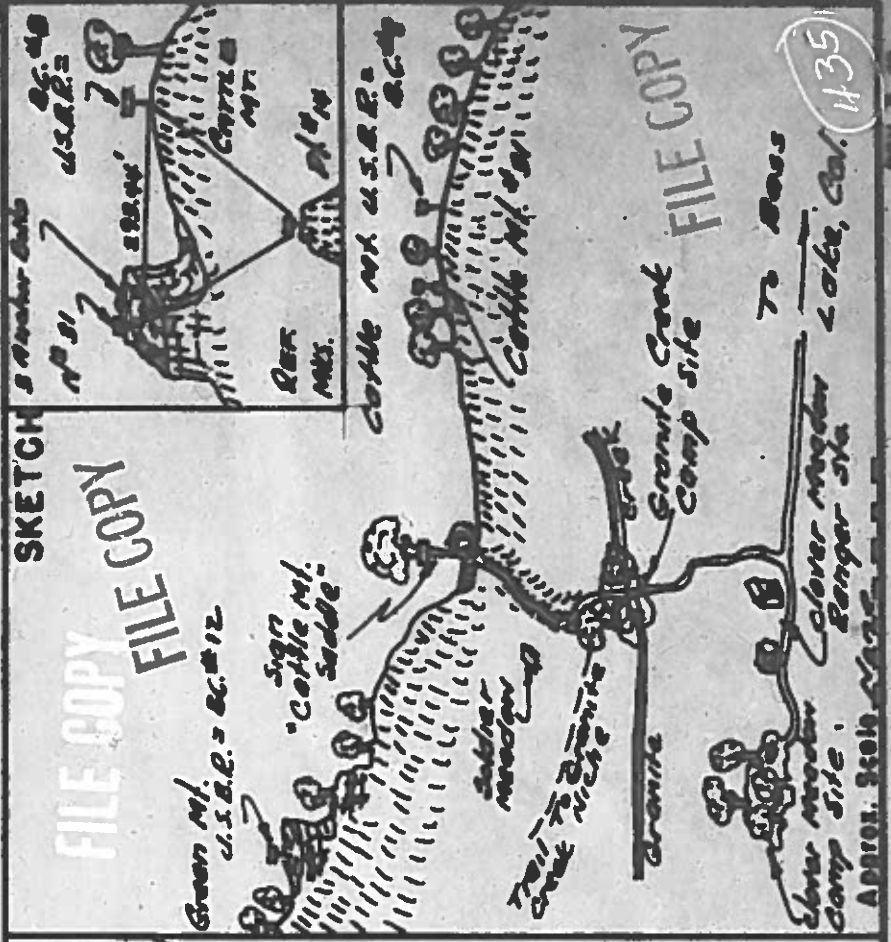
DESCRIPTION

Route - From Bass Lake Calif. Proceed 33 mi. N. to Clover Meadow Ranger Sta. Thence N.E. 1 mi. to Granite Creek Camp. Vehicle with low, low & 4 wheel drive can travel across Granite Creek & proceed on road to east up stop grade thru Soldier Meadow to sign which marks Cattle Mt. Saddle. Follow trail on foot south, southeast over ridge for 1 hr. - 45 min. to best crest of ridge. One will cross over 3 distinct summits before arriving at Sta.
 Detail -

Sta. is brass cap set in concrete on southwest end of cattle mt. Highest point on Summit Sta. Cattle Mt #91 can be seen 293.44 Ft to Northeast atop a large boulder. Ridge slopes abruptly on east side down to River.

Stations	Azimuth (Wood. Merid)	Distance
Cattle Mt. (A)	N62.29' 32.5" E	293.44

SKETCH



RECORD OF SURVEY MONUMENT

State CALIFORNIA County MADEIRA
 Section 20 T. 42 N. R. 25 E. M. DIABLO B & M
 Lot 0 Long 0
 Y 39.589.23 X 2.963.219.20 Zone 3
 Grid Azimuth
 Hor. Accuracy THIRD ORDER
 Book Ref. (Hor.) BK # 235
 Photo Identity Picture Number 1-88 247-84

Station Designation GREEN MT. #12
 Type of Marker BESS CAP - Stamped 796-287-127
 Set Concrete in Rock - Hole Drilled in Rock
 By E.S.C. Organization U.S.B.R. Date Sept. 1951
 Elevation 269.14 Datum 1929
 Vert. Accuracy THIRD ORDER
 Book Ref. (Vert.) BK # 535
 Project UPPER SAN JOAQUIN RIVER

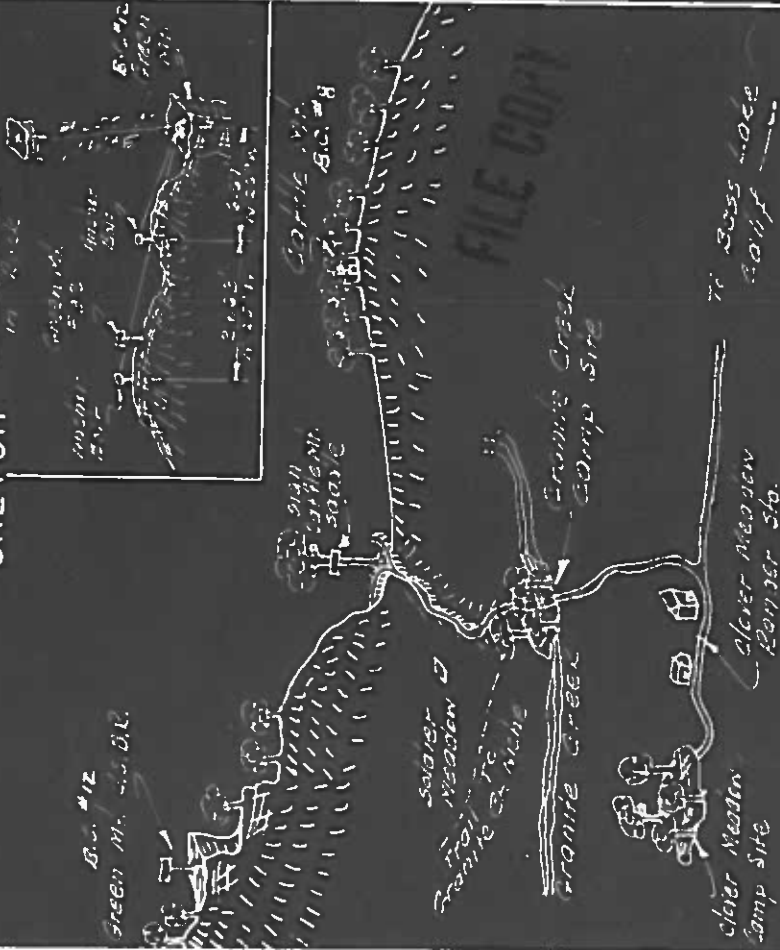
DESCRIPTION

Route - From Bass Lake, Calif. Proceed 33 Mi. N. to Clover Meadow Ranger Sta. Thence N.E. 1 Mi. to Granite Creek Camp. Vehicle With Low Load & Four Wheel Drive Can travel across Granite Creek & proceed on road to east up steep Grade through Soldier Meadow to sign which marks Cattle Mt. Saddle. Turn (left) North at sign for 1/2 Mi. to toe of Green Mt. & End of Road. Follow trail north, center of ridge all way to summit of Green Mt. Party with full pack 1 1/2 hrs.

Detail - Brass Cap is on flat shelf 5' x 6" in area on edge of steep bluff. Anchor Bolts are still in place, which supported former signal. Sta. is 19.73 Ft. East of Green Mt. #32 Brass Cap protrudes 1 1/4" above surface of rock.

To Station	Azimuth (Geod.) (Grid)	Distance
206-207-11	S 73° 57' 0.0" W	2.53.16
58-mm Demo	S 7° 41' 28.4" W	32.04.52
766-227-1	S 38° 20' 20.4" W	37.54.01

SKETCH



Approx. Scale None

436

Y=N= 379767.190

RECORD OF SURVEY MONUMENT

State *California* County *Madera*
 Section *31* T. *4 S* R. *24 E* MI. *DIABLO B. & M.*
 Lot *0* Long *0*
 Y *272.767.19* X *2.326.684.05* Zone *3*
 Grid Azimuth
 Hor. Accuracy *THIRD ORDER*
 Book Ref. (Hor.) *BK # 535*
 Photo Identity Picture Number *# 1-48*

Station Designation *Madera B.C. #13*
 Type of Marker *BRASS CAP STOMPED 206-297-13*
 Set *CONCRETE IN HOLE DRILLED IN ROCK*
 By *E.S.E. Organization* U.S.G.E. Date *SEPT. 1951*
 Elevation *10,513.18 Ft. Datum* 1929
 Veri. Accuracy
 Book Ref. (Vert.) *BK # 535*
 Project *Upper San Joaquin River*

DESCRIPTION

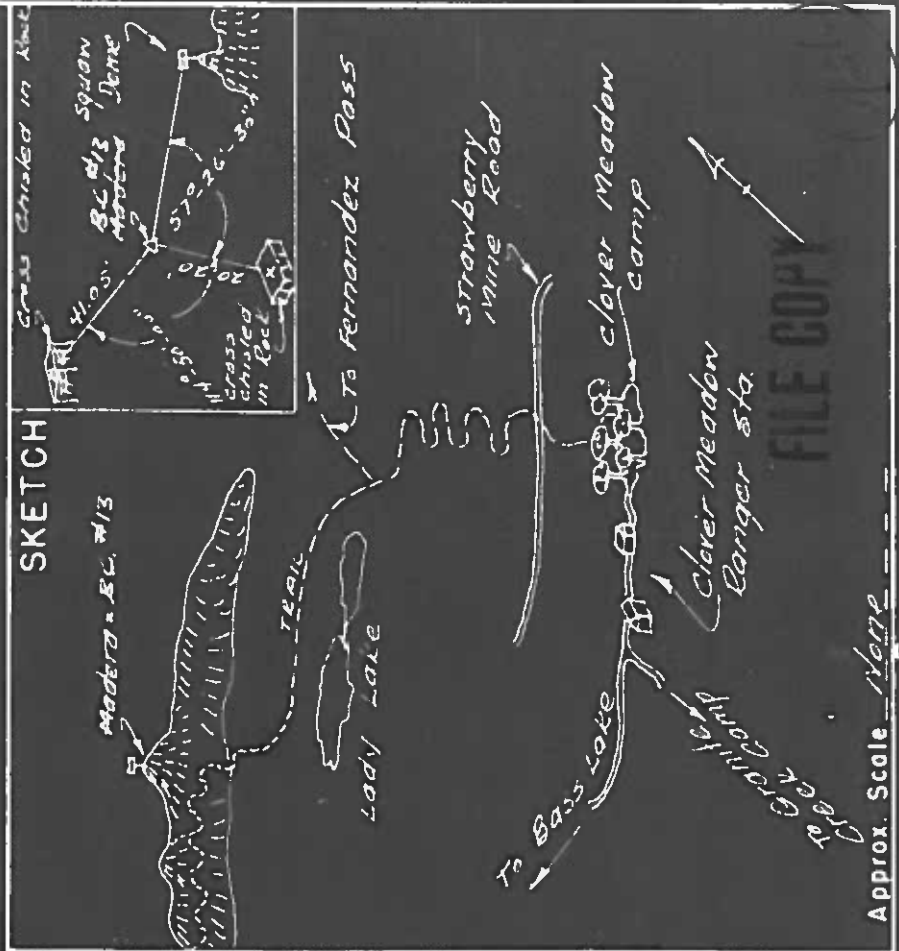
Route - From Bass Lake, Calif. proceed 33 mi. North to Clover Meadow Ranger Sta. Continue North thru Clover Meadow Camp site, thence (left) west over trail marked Fernandez Pass. Follow this trail for four hours to Lady Lake which is at base of Madera Park. Follow Lake shore to southwest end for Camp site. Best approach up slope is to North up draw about halfway thence west to low slope of ridge. Time spent climbing 3 1/2 hrs.

Detail -

Sta. is on highest triangle shaped point of Madera. Southeast slope is vertical granite wall rising 600 Ft. above vegetation line. Reference Marks are covered by rock cairns.

To Station	Azimuth (Geod.) (Grid)	Distance
<i>CRUISE TRAIL</i>	<i>532 - 294 - 076 E</i>	<i>104 453.45</i>
<i>UPPER BASIN ROAD</i>	<i>529 - 35 - 55.1 E</i>	<i>43 551.20</i>
<i>704 - 307 - 12</i>	<i>472 - 04 - 12.9 E</i>	<i>34 400.21</i>
<i>284.14 420.15</i>	<i>55 - 12 - 04.7 E</i>	<i>37 933.96</i>

SKETCH



Approx. Scale None

436

Y=H= 370623.950
V=C=

RECORD OF SURVEY MONUMENT

State CALIFORNIA County MARIPosa
 Section 9, T. 5S, R. 24E, MT. DIABLO CB. 8 M. "
 Lot. 0 Long. 0
 Y 370623.95 X 2336.90152 Zone 3
 Grid Azimuth THIRD ORDER
 Hor. Accuracy OK # 535
 Book Ref. (Hor.) 1-47
 Photo Identity Picture Number

Station Designation Point #36
 Type of Marker 1/4" Iron Pipe Stamped None
 Set Concrete in Hole Drilled in Rock
 By E.S.R. Organization U.S.G.P. Date Oct. 1951
 Elevation 5246.01 Datum 1929
 Vert. Accuracy THIRD ORDER
 Book Ref. (Vert.) OK # 535
 Project UPPER SAN JOAQUIN RIVER

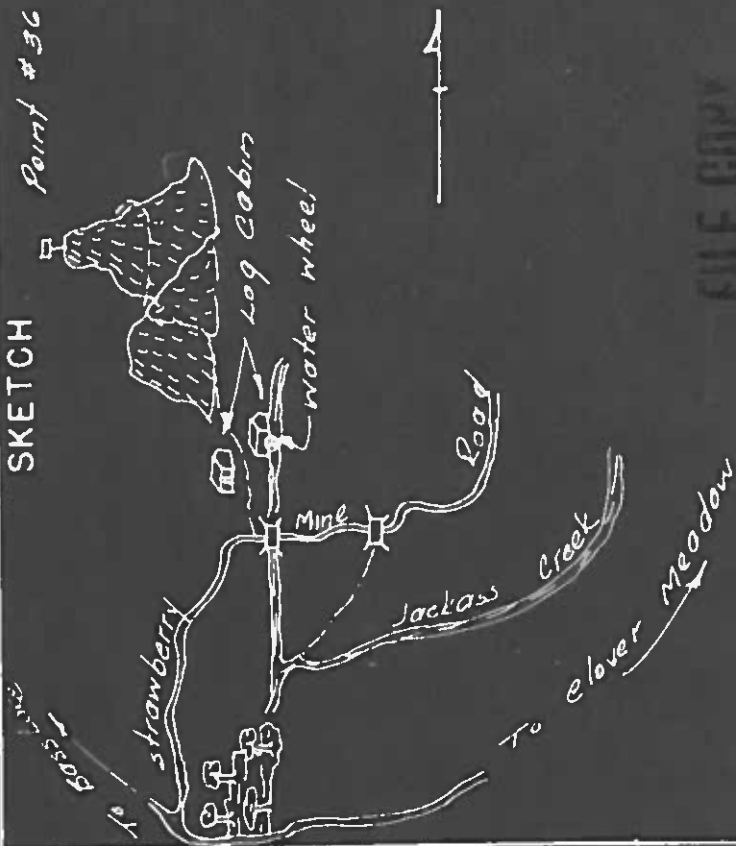
DESCRIPTION

Route - From Bass Lake Calif. travel 25.4 mi. N. to fork with sign to Strawberry Mine, just west of Jackass Meadow. Follow Mine Road to first bridge, Log Cabins and water wheel. Thence over trail to N.W. to Sta. Pt. is most N.E. & highest rock peak in prominent rock scarp overlooking the N.W. Corner of Jackass meadow. Sides are very steep and climbing is very difficult.

Detail - 300 Ft. to west is a higher rock, but detached from the scarp. Station is in crack between boulders forming highest point of peak & about 4' below highest point. Sta. is 3/4" x 5" pipe with 3/4 x 1/4 expander.

To Station	Azimuth (Geod.) (Grid)	Distance
See sketch	563 - 46 - 30.0E	24.523.12
Sketch (ED)	522 - 49 - 5.0W	69.534.44

SKETCH



Approx. Scale

FILE COPY

436

RECORD OF SURVEY MONUMENT

State CALIFORNIA County MADERA
 Section 8 T. 45 N. R. 25 E. M. DIABLO B. & M. "0"
 Lot 0 Long 0
 Y 403, 363, 05 X 2, 362, 02, 7, 72 Zone 3
 Grid Azimuth
 Hor. Accuracy THIRD ORDER
 Book Ref. (Hor.) Bk # 535
 Photo Identity Picture Number # 1-50 & 1-87

Station Designation POINT # 16
 Type of Marker BRASS COP Stamped 25.5.20.10
 Set Generated in Hole Drilled in Rock
 By E. S. C. Organization U. S. B. R. DATE SEPT 1951
 Elevation 8,570.26 Datum 1929
 Vert. Accuracy THIRD ORDER
 Book Ref. (Vert.) Bk # 535
 Project UPPER SAN JOAQUIN RIVER

B.C. #10

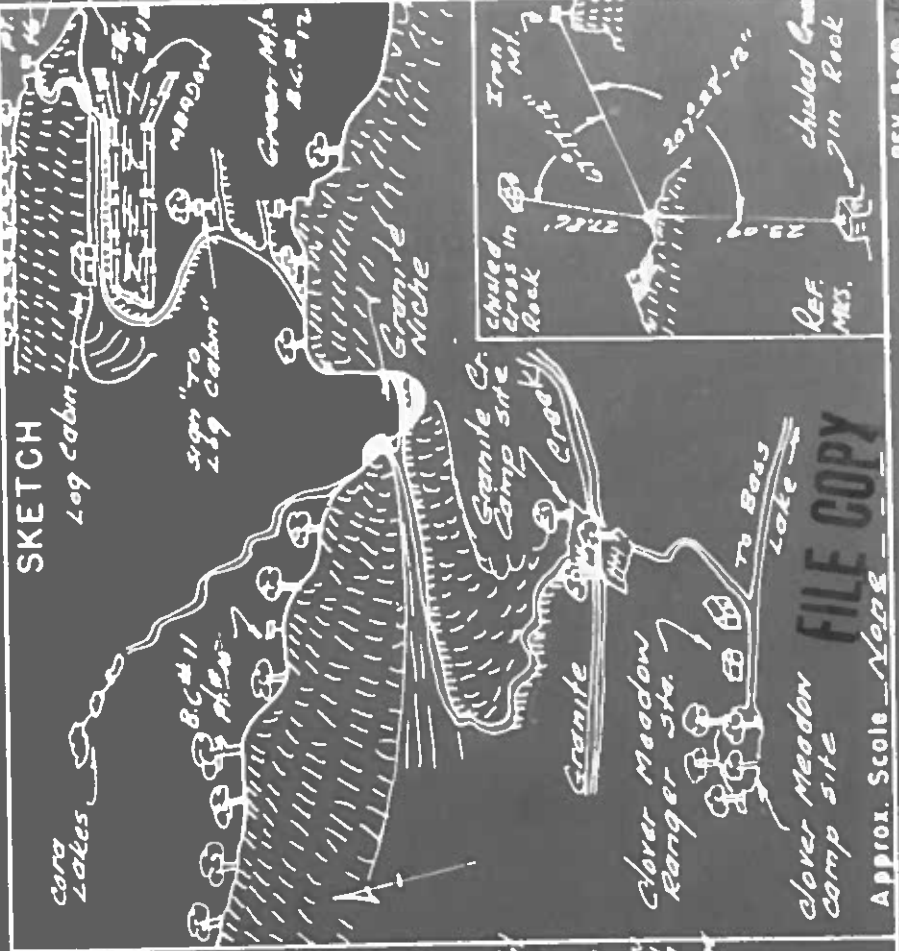
DESCRIPTION

Route - From Bass Lake, Calif. proceed 33 Mi. N. to Elver Meadow Ranger Sta. Thence N.E. (right) for 1 Mi. to Granite Creek Camp which is for as vehicle can travel. Continue over N. trail to Granite Niche. After passing niche, ford creek on trail to East. Follow trail (N. of Green Mt.) for 1/2 Mi. to first fork. Thence on most northerly trail for 2 mi. to 2nd fork. Follow west trail marked "to Log Cabin" for 3 mi. to large fenced in meadow with Cabin Detail - at west end.

Follow path east, along toe slope & parallel to N. fence line. Pt. 16 is on low slope, east end of long crest overlooking meadow to South. Five hours on horses from Elver Meadow to Sta. Pt. is approx. 1/2 mile east & 1/2 mile north of cara lakes. Summit is North Boundary of meadow

To Station	Azimuth (Geod. Grid)	Distance
206-207-11	531 - 11 - 29.0 W	4,580.73
Carle-Mt. (50)	512 - 39 - 36.1 E	30,574.15
Iron Mtn. (P.R.)	125 - 51 - 30.5 E	33,940.78

SKETCH



Approx. Scale None
FILE COPY

436

1191615.972

RECORD OF SURVEY MONUMENT

State CALIFORNIA County MADEIRA
 Section 19, T. 42 N., R. 25 E., M. 21 A. B. & M.
 Lot 0 Long 0
 Y 392, 627, 47 X 2, 356, 133, 87 Zone 3
 Grid Azimuth
 Hor. Accuracy THIRD ORDER
 Book Ref. (Hor.) BK # 535
 Photo Identity Picture Number 1-50 # 7-86

Station Designation POINT # 15 B.C. # 11
 Type of Marker BRASS CAP Stamped 26.3.75. R. 11
 Set CONCRETE IN HOSE DRILLED IN ROCK
 By E.S.C. Organization U.S.B.R. Date SEPT 1951
 Elevation 230.60 Datum 1922
 Vert. Accuracy THIRD ORDER
 Book Ref. (Vert.) BK # 535
 Project UPPER SAN JOAQUIN RIVER

DESCRIPTION

Route - From Bass Lake, Calif. Proceed 33 M. N. to Clover Meadow Ranger Sta. Thence N.E. (Right) for 1 M. to Granite Creek Camp. This is as far as vehicle can travel. Continue over trail N. to Granite Creek Niche. Upon approaching Niche One can view Pt. # 15 to Northwest. Trail entering Niche follows east toe of Pt. # 15. From Clover Meadow Ranger Sta. trip requires 2 hrs. on horses. Best approach is thru ditches on North Side. Slope can be climbed in 25 min.

Detail -

Brass Cap set in Granite Rock which is 5' x 7' on top and 6' above ground. Second highest crest west of Granite Creek Niche is 54' # 15. Three distinct summits are visible. Brass Cap protrudes 1' above top of rock.

To Station	Azimuth (Geod. Grid)	Distance
5866-202-10	54 - 42 - 45.5"	33.963.972
706-207-10	83 - 11 - 39.0"	4.325.23
706-207-12	57 - 57 - 01.0"	2.272.16

SKETCH



FILE COPY

To Bass Lake only
 Clover Meadow Ranger Sta.
 Approx. Scale 1:1000

436

11191501-200

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION - REGION II

7

RECORD OF SURVEY MONUMENT

State CALIFORNIA County MADEIRA
 Section 31, T. 4 S., R. 25 E., Mt. Diablo B. & M. "
 Lot 0, Long. 0
 Y 382, 529, 45 X 2, 353, 423, 95 Zone 3
 Grid Azimuth
 Hor. Accuracy THIRD ORDER
 Book Ref. (Hor.) Bk # 535
 Photo Identity Picture Number # 1-86

Station Designation Point # 14
 Type of Marker 3/4" Iron Pipe Stamped None
 Set 3/4" Cast Iron Pipe cemented in Drilled Hole
 By E. S. C. Organization U. S. B. R. Date SEP 1951
 Elevation 7,654.91 Ft Datum 1929
 Vert. Accuracy THIRD ORDER
 Book Ref. (Vert.) Bk # 535
 Project UPPER SAN JOAQUIN RIVER

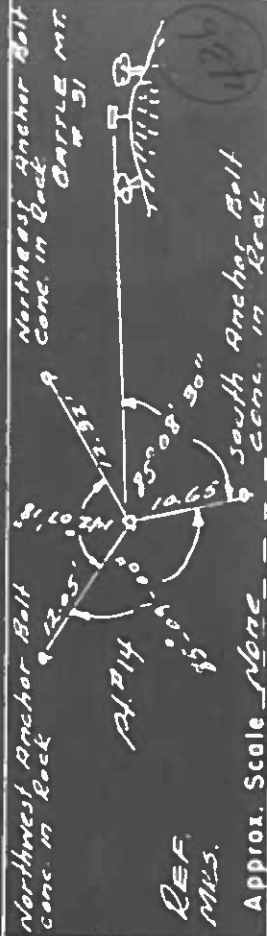
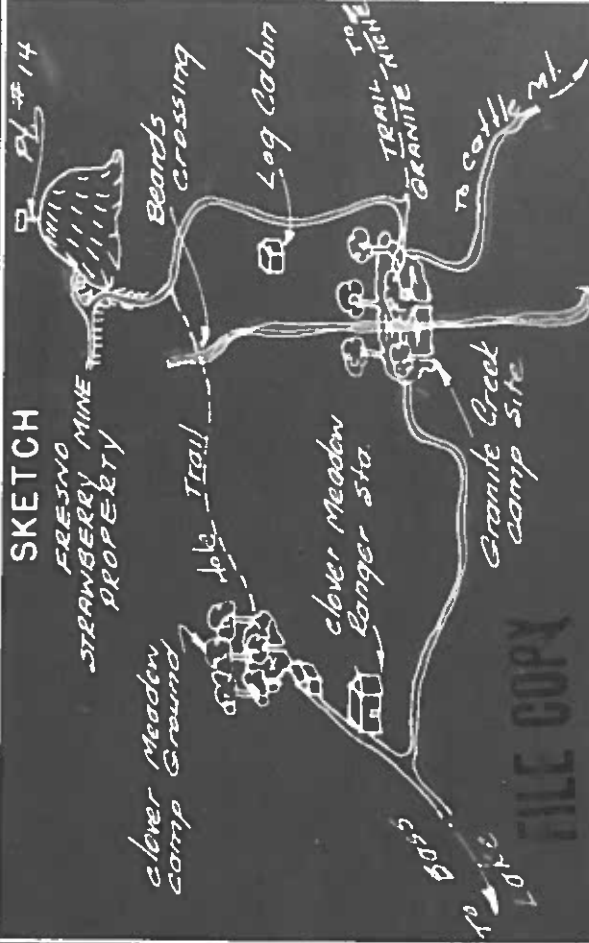
DESCRIPTION

Route - From Bass Lake, Calif. proceed 39 mi. N to Clover Meadow Ranger Sta. Thence east (Rt.) to Granite Creek Camp Ground. After Crossing Creek follow road northwest parallel to creek. About half way to Sta. along this road one will pass a log cabin on edge of creek. Pt. 14 can be seen just east of road where same enters Fresno Mining Co. property. From Clover Meadow Ranger Sta one can travel by vehicle to Pt. #14 in 45 min. and climb same in 25 min. Detail -

Pt. #14 is 3/4" Iron Pipe protruding 2" above granite rock. Party returned via Hole Trail. Summit is small in area and bare of trees. Station tied to anchor bolts, see sketch.

To Station	Azimuth (Geod. X Grid)	Distance
706-207-12	N50 35' 28" E	14 685.10
706-207-13	S 81-52-38.1 W	27 203.48
624W-690E	N 13-02-00 E	24 379.63
624-207-1	S 32-14-52.0 W	25 388.82

SKETCH



Approx. Scale None

436

1191850, 998

RECORD OF SURVEY MONUMENT

State CALIFORNIA County Madera
 Section 2, T. 5S, R. 24E, Mr. DABLO B. & M.
 Lat. 0 Long. 0
 Y 373, 413, 99 X 2, 343, 902, 03 Zone 3
 Grid Azimuth
 Hor. Accuracy THIRD ORDER
 Book Ref. (Hor.) Bk # 535
 Photo Identity Picture Number # 1-85

Station Designation Point #34
 Type of Marker "Iron Pipe Stomped - None
Set - Generated in Hole Drilled in Rock
 By E.S.C. Organization U.S.B.R. Date Oct. 1951
 Elevation 2636.02 Datum 1922
 Vert. Accuracy THIRD ORDER
 Book Ref. (Vert.) Bk # 535
 Project UPPER SAN JOAQUIN RIVER

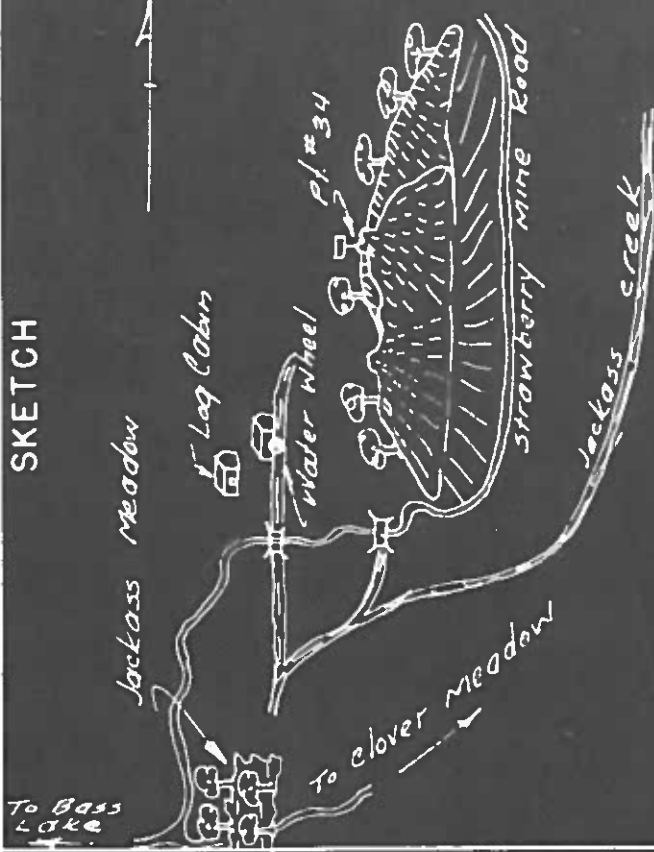
DESCRIPTION

Route - From Bass Lake, Calif. Travel 25 3/4 mi. to fork with sign marking Strawberry Mine Road just west of Jackass Meadow. Follow Mine Road passing Log Cabin and Water wheel about halfway in route. After crossing two bridges on above road one will follow curve ending in north direction. Peak can be seen to west of road on North end of ridge.

Detail - Sta. is 1 mi. airline N. East of Jackass Meadow on rock ridge west of Jackass Creek. Ridge slopes abruptly to east and gently toward west. Sta. is 3/4 x 5/8" pipe carrying 3/4 x 1/4 expander & plug set in solid rock.

To Station	Azimuth (Geod. X Grid)	Distance
Green Mt. (E)	N 46 W 550.0	26 530.24
Raw-Loma	S 42 W 250.0	20 282.69
Valley Butte	S 7 W 36 55.0	13 523.08

SKETCH



Approx. Scale None

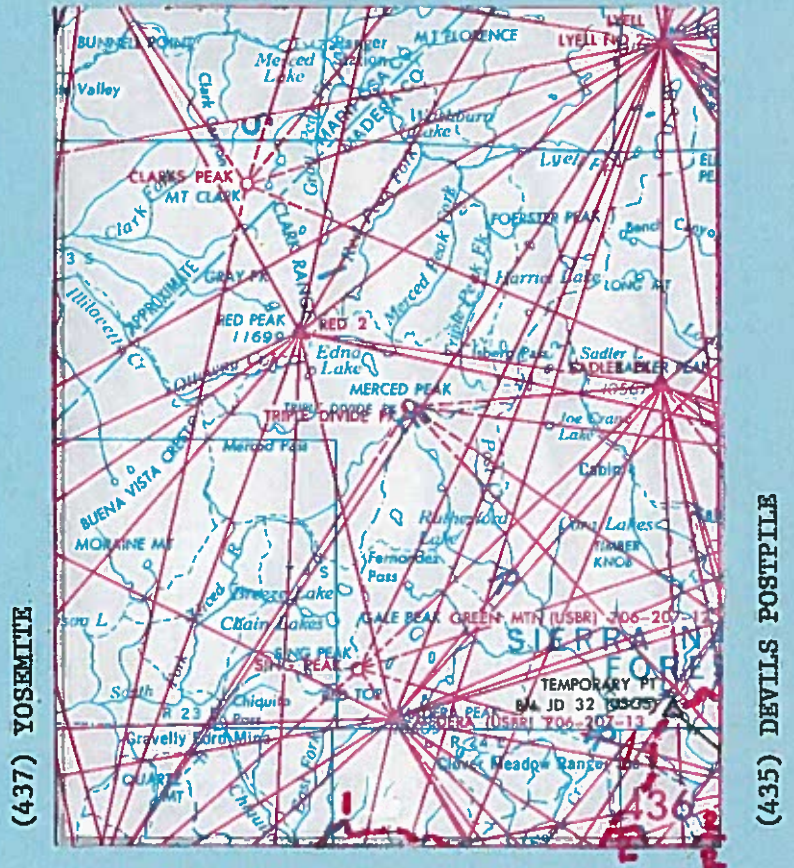
MERCED PEAK

37°30'
119 15

CALIFORNIA 436

NGS 37 119 13 (79)

(454) TUOLUMNE MEADOWS



(417) SHUTEYE PEAK

- (1) J.C. Durbin
- (2) J.C. Durbin

1952
1952

PV 164
PV 164

MARIPOSA, MADERA & MONO
COUNTIES

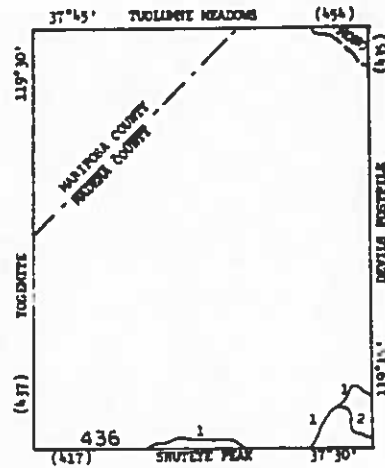
Edition of 4/25/66

Only the standard tablets
are listed for lines run
more than 25 years before
the above edition date.

USGS _____

C&GS -----

C&GS List JT 119 1



(1) FROM DEVILS POSTPILE QUADRANGLE (435) SOUTHWEST ALONG ROADS INTO
SHUTEYE PEAK QUADRANGLE (417) (by J.C. Durbin, 1952; Book PV 164)

NOTE: This line was run by Third Order methods but closure was
0.581 ft. low in a distance of 39.3 miles. This closure error
has been prorated in the line.

UE, 0.5 mi. W. of Soldier Meadow, 8 ft. S. of dm rd., on boul-
der; chiseled square **SFNF 86** 7027.96

Clover Meadow Ranger Station, 1.5 mi. W. of along rd., 500 ft.
W. of W. Granite Creek, 100 ft. W. of center of rd., at base of
Rock Ridge, in boulder; standard tablet stamped "32 JD 1952
6969" **NEW DESC. 86** 6968.978

Reference mark, 49 ft. E. of tablet, in root on NE. side of
10 in. pine tree; copper nail and washer **DISTURBED 86** 6967.07

UE, at summit of hill, near 1/4 corner sections 31 and 32, T. 4
and S. 5., N. 23 E., 16 ft. N. of center of rd., in root on SE.
side of 36-in. tree; copper nail and washer **SFNF 86** 7101.23

UE, at small meadow, 14 ft. S. of center of rd., on boulder;
chiseled square **SFNF 86** 7116.24

Clover Meadow Ranger Station, 38 ft. S. of, 97 ft. S. of center
of rd., 7 ft. N. of flagpole, in boulder; standard tablet
stamped "33 JD 1952 7001" 7001.680

Reference mark, 51 ft. S. of tablet, in root on S. side of 36-in.
pine tree; copper nail and washer 7001.340

UE, near summit of hill, 0.3 mi. W. of Ranger Station, 8 ft. N.
of center of rd., in root on S. side of 36-in. pine tree; rail
spike **SFNF 86** 7115.07

UE, 0.7 mi. E. of Sierra Pack Station, 17 ft. N. of center of
rd., in root on S. side of 36-in. pine tree; rail spike **NEW DESC. 86** 6987.07

Clover Meadow Ranger Station, 2.3 mi. W. of, near Sierra Pack
Station, 55 ft. S. of center of E-W rd., 45 ft. E. of rd.
leading to pack station, in granite outcrop; standard tablet
stamped "34 JD 1952 6904" 6904.715

Reference mark, 33 ft. W. of tablet, in root on N. side of 30-in.
leaning pine tree; copper nail and washer 6906.70

JOG INTO SHUTEYE PEAK QUADRANGLE (417)

UE, 0.5 mi. W. of Jackass Meadow, 14 ft. W. of center of rd. in
root on S. side of 24-in. pine tree; copper nail with washer
painted "6967.1" **NEW DESC. 86** 6967.249
should be quad 417

UE, 12 ft. S. of center of rd., in root on N. side of 42-in.
pine tree; copper nail and washer painted "6993.3"
SFNF 86 6993.62
should be in quad 417

UE, 30 ft. E. and 12 ft. S. of rd. forks, in root on NE. side
of 60-in. triple base pine tree; copper nail and washer painted
"7027.5" **SFNF 86** 7027.66

UE, at summit of rocky ridge, 10 ft. S. of center of rd., on
boulder; chiseled square painted "7145.9" **SFNF 86** 7146.251

* Clover Meadow Ranger Station, 1/4 mi. W. of, 42 ft. W. of Creek,
12 ft. N. of center of rd., in granite outcrop; standard tablet
stamped "35 JD 1952 7000" **REJECT** 7176.396

Reference mark, 33 ft. SE. of tablet, about 5 ft. lower than rd.
in root on NW. side of 30-in. pine tree; copper nail and washer **SFNF 86** 7168.42

UE, 35 ft. S. of center of rd., on large boulder; chiseled square
painted "7036.4" **SFNF 86** 7036.77

UE, 10 ft. W. and 25 ft. E. of Y-rd. forks, in root on NE. side
of 30-in. pine tree; copper nail and washer, painted "7032.1" **SFNF 86** 7032.428

UE, near 1/4 section between sections 7 and 18, T. 5 S., R. 24 E.,
10 ft. S. of center of rd., in root on N. side of 48-in. pine
tree with yellow section corner Forestry tag; rail spike, painted
"7175.6" **SFNF 86** 7175.97

** Clover Meadow Ranger Station, 5 1/2 mi. W. of, at summit of ridge,
18 ft. S. of center of rd. in side level with rd.; standard
tablet stamped "36 JD 1952 7007" **REJECT** 7207.992

Reference mark, 85 ft. W. of tablet, on large boulder; chiseled
square **SFNF 86** 7364.62

UE, 27 ft. N. of Y-rd. fork in root on SE. side of 30-in. pine
tree; copper nail and washer painted "7278.8" **SFNF 86** 7279.239

UE, 27 ft. S. of center of rd., in root on N. side of 24-in. pine
tree; copper nail and washer painted "7089.0" **SFNF 86** 7089.415

UE, 30 ft. N. of rd. junction at sharp curve in rd., 3 ft. E. of
U.S. Forestry sign, in root on SW. side of 60-in. pine tree; copper
nail and washer painted "6977.6" **SFNF 86** 6978.052
should be quad 417

(2) FROM NEAR CLOVER MEADOW RANGER STATION SOUTHEASTERLY INTO
DEVILS POSTPILE QUADRANGLE (435) (by J. C. Durbin, 1952;
Book PV 164)

UE, 0.53 mi S along road from Sierra
Pack Station, 15 ft W of center of
rd, in E root of 20-inch pine tree,
copper nail with washer, painted
"6958.9" **SFNF 86** 6958.209

LINE JOGS INTO SHUTEYE PEAK

UE, 3.05 mi from Sierra Pack Sta.,
near jct. of trails, 22 ft S of
main trail, on SE root of 14-inch
pine tree, with 2 forestry signs;
copper nail with washer. **SFNF 86** 6657.333

REPORT ON CONDITION OF SURVEY MARK

MAPPING CENTER

STATE California COUNTY Madera QUAD NAME Merced Peak
STATION NAME and/or NUMBER 36 JD RESET 1969 QUAD NUMBER 436, line 1
LATITUDE _____ TYPE of MARK BM TRAV TRIANG DOPPLER
LONGITUDE _____ YEAR ESTABLISHED 1952
ELEVATION 7174.396(old) 7176.586(new) ft By USGS NGS OTHER _____
CONDITION RESET MARK STAMPED 36 JD 1952 RESET 1969 LBL (Name of agency)

REMARKS or REVISED DESCRIPTION:

Mommoth Pool Dam, 12.6 mi NW of; 6.4 mi N of Minarets Ranger Sta.; 5.0 mi SW of Clover Meadow Guard Sta.; 0.3 mi SW of SC 8/5S/24E; 20 ft N of and 6 ft above road, 10 ft SW of 16-inch cedar tree, 4 ft E of center-line of east fork of Portuguese Creek; set in sloping surface of solid bedrock; standard tablet stamped "36 JD 1952 RESET 1969 LBL"

H J HALL for LB LINT
CHIEF SURVEYOR

US National Forest Service

11/19/69

SUBMITTED BY _____ AGENCY _____ DATE _____

Marks found in good condition need not be reported unless description is inadequate

Please prepare in triplicate

GSC 178

REPORT ON CONDITION OF SURVEY MARK

MAPPING CENTER

STATE California COUNTY Madera QUAD NAME Merced Peak
STATION NAME and/or NUMBER 37 JD RESET 1969 QUAD NUMBER 436, line 1
LATITUDE _____ TYPE of MARK BM TRAV TRIANG DOPPLER
LONGITUDE _____ YEAR ESTABLISHED 1952
ELEVATION 7307.992(old) 7311.614(new) ft By USGS NGS OTHER _____
CONDITION RESET MARK STAMPED 37 JD 1952 RESET 1969 (Name of agency)

REMARKS or REVISED DESCRIPTION

Mommoth Pool Dam, 13.0 mi NW of; 6.6 mi NW of triangulation sta. JACKASS ROCK; 6.2 mi SW of Clover Meadow Guard Sta.; 1.8 mi SW of Balls; near 1/4 corner of sec 7 & 8, T5SR24E, North of road curve on summit, 35 E of triangular blaze on 18-inch white fir, 29 S of triangular blaze on 10-inch white fir, 4 ft N of north edge of granite outcrop 15 ft high; countersunk 1 inch in 2 ft by 4 ft boulder; standard tablet.

H J HALL for LB LINT
chief surveyor

US National Forest Service

11/18/69

SUBMITTED BY _____ AGENCY _____ DATE _____

Marks found in good condition need not be reported unless description is inadequate

Please prepare in triplicate

GSC 178

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE

STATE Ca COUNTY Madera NGS# 37 119 132
 QUOTE PRIMARY REFERENCE _____ QUADRANGLE Merced Peak SE
 USGS# 436 Line 1
 (Direction and distance)

DESIGNATION { LISTED See Below
 STAMPED _____ TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____' _____" CONDITION
 Disturbed 1952 USGS ESTABLISHED BY
 Long. _____' _____" Destroyed USC&GS USBR
 Elev. See Below feet Not Found USNPS State GS
 USGLO USNFS
 USBLM (Other)

Please prepare in triplicate.

REMARKS OR REVISED DESCRIPTION:
 The following UEs were chisled squares or copper nail and washers. The roads they were set on are now gone, and even if they weren't, the descriptions are not very good. Tentative searches were made for each mark, but no sign of them was found.

· UE 7027.96 · UE 7116.24
 · UE 7101.25 · UE 7115.07

SUBMITTED BY Jamie Schubert
 TITLE _____
 AGENCY USGS, NMD

DATE 12-3-86

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE

STATE Ca COUNTY Madera NGS# 37 119 132
 QUOTE PRIMARY REFERENCE _____ QUADRANGLE Merced Peak SE
 USGS# 436 Line 1
 (Direction and distance)

DESIGNATION { LISTED UE 6987.07
 STAMPED _____ TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____' _____" CONDITION
 Disturbed 1952 USGS ESTABLISHED BY
 Long. _____' _____" Destroyed USC&GS USBR
 Elev. 6987.07 feet Not Found USNPS State GS
 USGLO USNFS
 USBLM (Other)

Please prepare in triplicate.

REMARKS OR REVISED DESCRIPTION:

The railroad spike in the pine tree was located as described, but the tree has grown around it so much, that only an area the size of a nickle off the head of the spike is showing. The part holding the vertical elevation is totally grown over, but I suppose, could be chopped out.

SUBMITTED BY Jamie Schubert
 TITLE _____
 AGENCY USGS, NMD

DATE 12-3-86

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE

STATE Ca COUNTY Madera NGS# 37 119 132
QUADRANGLE Merced Peak SE
QUOTE PRIMARY REFERENCE _____ USGS# 436 Line 1
(Direction and distance)

DESIGNATION { LISTED BM 32 JD 1952 6969
STAMPED 1952 6969 32 JD TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____' _____" CONDITION Disturbed 1952 USGS USBR
Long. _____' _____" Destroyed USC&GS State GS
Elev. 6968.978 feet Not Found USNPS USNFS
GOOD USGLO } _____
USBLM } (Other)

REMARKS OR REVISED DESCRIPTION:
Clover Meadow Ranger Station, 0.5 mi north on graded gravel road to a road fork. Take right fork 0.9 mi on rough dirt road to road fork. Take left fork (continue straight) for 0.1 mi to center of Granite Creek Primitive Campground, just before creek bed crossing, at base of rock ridge. BM is 70 ft W of centerline rd, 30 ft W of pit toilet, standard tablet set in boulder, about 2 ft higher than surrounding ground. RM is SFNF

SUBMITTED BY _____ DATE 12-3-86
TITLE Jamie Schubert
AGENCY USGS, NMD

Marks found in good condition need not be reported.
FILL IN ALL AVAILABLE INFORMATION

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE

STATE Ca COUNTY Madera NGS# 37 119 132
QUADRANGLE Merced Peak SE
QUOTE PRIMARY REFERENCE _____ USGS# 436 Line 1
(Direction and distance)

DESIGNATION { LISTED BM 34 JD 1952 6904
STAMPED 1952 6904 34 JD TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____' _____" CONDITION Disturbed 1952 USGS USBR
Long. _____' _____" Destroyed USC&GS State GS
Elev. 6904.715 feet Not Found USNPS USNFS
GOOD USGLO } _____
USBLM } (Other)

REMARKS OR REVISED DESCRIPTION:
Clover Meadow Ranger Station, 1.7 mi south on paved road to road intersection. Take right fork for 0.15 mi to road intersection. Turn left on dirt road for 0.4 mi to driveway to Minarets Pack Station. BM is 105 ft N of driveway, 75 ft E of centerline dirt road opp. in granite outcrop, standard tablet, about five ft lower than road. RM is SFNF.

SUBMITTED BY _____ DATE 12-3-86
TITLE _____
AGENCY USGS, NMD

Marks found in good condition need not be reported.
FILL IN ALL AVAILABLE INFORMATION

Please prepare in triplicate.

Please prepare in triplicate.

REPORT ON CONDITION OF SURVEY MARK

MAPPING CENTER

NGS# 37 119 13

STATE Calif COUNTY Madera QUAD NAME Merced Peak SE+SW
 STATION NAME and/or NUMBER SBM's USGS 436 Line 1 QUAD NUMBER 436 Line 1
 LATITUDE _____ " TYPE of MARK: BM TRAV. TRIANG. DOPPLER
 LONGITUDE _____ " YEAR ESTABLISHED 1952
 ELEVATION _____ ft/meter By: USGS NGS OTHER _____ (Name of agency)
 CONDITION SFNF MARK STAMPED _____

REMARKS or REVISED DESCRIPTION:

The following SBM's were SFNF and probably destroyed by road widening.

- SE · UE 7027.5 = 7036.88
- UE 7145.9 = 7146.251
- UE RM 7168.4 = 7168.42
- UE 7036.4 = 7036.77
- UE 7032.1 = 7032.428
- UE 7175.6 = 7175.97
- SW · RM 7304.6 = 7304.62
- UE 7278.8 = 7279.239
- UE 7089.0 = 7089.415

SUBMITTED BY Harry S. Campbell AGENCY US Geological Survey DATE 11-14-86

Marks found in good condition need not be reported unless description is inadequate.

Please prepare in triplicate.

GSC-178

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE

NGS# 37 119 132

STATE Ca COUNTY Madera QUADRANGLE Merced Peak SE
 QUOTE PRIMARY REFERENCE _____ USGS# 436, LINE 2
 (Direction and distance)

DESIGNATION { LISTED UEs 6958.21 and 6657.33
 STAMPED _____ TYPE OF MARK: BM TT _____ TRIANG. _____

Lat. _____ " CONDITION _____ ESTABLISHED BY _____
 Long. _____ " Disturbed 1952 USGS USBR
 Elev. See above feet Destroyed USC&GS State GS
 Not Found USNPS USNFS
 USGLO } _____ (Other)
 USBLM }

REMARKS OR REVISED DESCRIPTION:

Both these UEs were copper nail and washers. The descriptions were vague, but searches were made at the most likely locations. No sign of the UEs were found. Even if the correct areas were searched, the marks were probably grown over.

NOTE: These UEs are listed in Quad 417, Line 2. (MOVED TO 436, WRL)

SUBMITTED BY Jamie Schubert DATE 12-3-86
 TITLE _____
 AGENCY USGS, NMD

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

Please prepare in triplicate.