

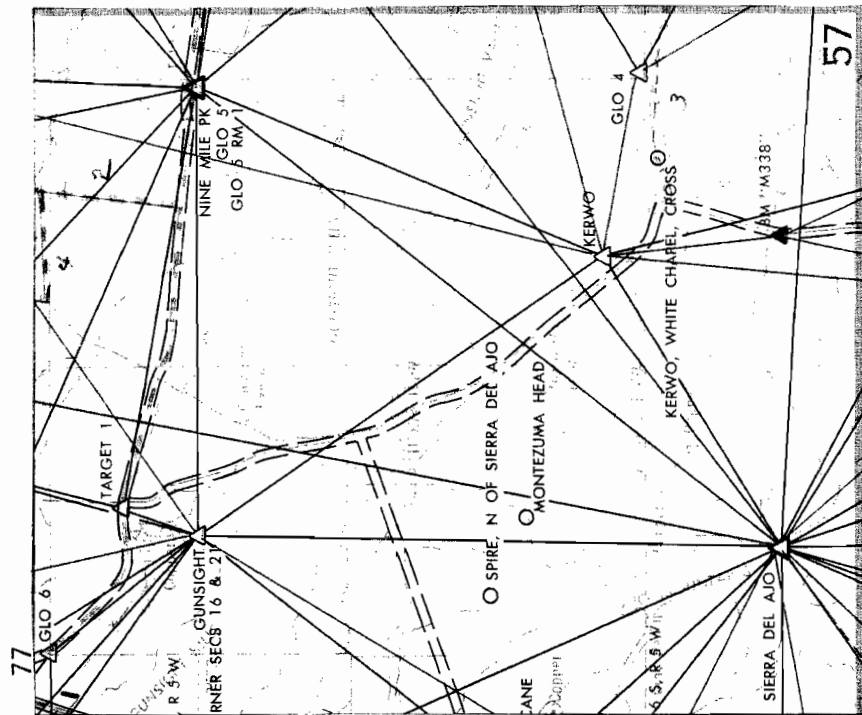
MT. AJO

Lat. 32°00'
Long. 112°30'

ARIZONA 57

C. & G. S. 32 112 3 114 1

- (1) J.G. Ransom 1930 B 4054 (No BM's)
- (2) L.R. Curtis 1961 PV 444
- (3) L.R. Curtis 1961 PV 444
- (4) L.R. Curtis 1961 PV 444



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THIRD-ORDER LEVELING
Sea Level Datum of 1929

MT. AJO QUADRANGLE
ARIZONA 57
N3200-W11230/15

PIMA COUNTY

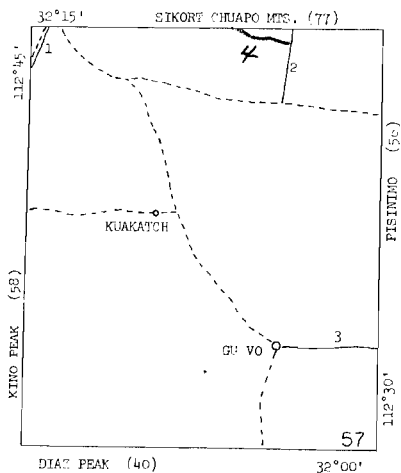
Edition of 6/11/50

Only the standard tablets
are listed for lines run
more than 2 years before
the above edition date.

USGS

C&GS

C&GS List 32 112 3



Ajo, 15.9 mi. SE. of along State Highway 86 thence 12.3 mi. S. along
graveled rd. to a T-junction at Kerwo, thence 4.2 mi. easterly along
graveled rd. toward Pisinimo to a T-rd. S., 50 ft. N. and 1 ft. lower
than center of rd., in line with side rd., concrete post projecting 8
in.; standard tablet stamped "14 LC 1961"

2046.609

Reference mark, 107 ft. SE. of tablet, 50 ft. S. of center of rd., 36
ft. E. of center of side rd., buried rock; chiseled square

2045.777

(4) FROM SIKORÉ CHUAPO MTS. QUADRANGLE (77) EASTWARD TO BENCH MARK
"3 LC" (by L.R. Curtis, 1961; Book: PV 444)

1.01 mi. E. of EM "R 41 1930", 0.2 mi. E. of Estason Vc, 0.20 ft.
higher than center of Y-rd. junction, buried boulder; chiseled
square (Mark is set between rds. at Y-junction)

2091.077

1.86 mi. E. of EM "R 41 1930", 0.9 mi. E. of Estason Vc, 23 ft. S.
of center of dirt rd., 25 ft. NW. of lone mesquite tree, buried
rock; chiseled square

2103.444

"3 LC 1961" (Described in Line 2)

2111.040

Index to Permanent Marks

Marks	Line No.
A 37 (USC&GS)	2
J 338 (USC&GS)	3
1 LC	2
2 LC	2
3 LC	2
13 LC	3
14 LC	3

(1) FROM THE SOUTHWEST CORNER OF SIKORÉ CHUAPO MTS. QUADRANGLE (77) SOUTH-
WEST INTO KINO PEAK QUADRANGLE (58) (by J.G. Ransom, 1930; Book: B 4054)

No bench marks in this portion of the line.

(2) FROM USC&GS EM "A 37", 22 MILES SOUTHWEST OF AJO ON STATE
HIGHWAY 86, NORTH INTO SOUTH EDGE OF SIKORÉ CHUAPO MTS.
QUADRANGLE (77) (by L.R. Curtis, 1961; Book: PV 444)

EM "A 37" USC&GS

2175.612

Ajo, 22 mi. E. of along State Highway 86, at junction of gravel rd. N.
to Hickman, 75 ft. N. of centerline of Highway 86, 40 ft. W. of center
of gravel rd., in concrete post, projecting 4 in.; standard tablet
stamped "1 LC 1961 2173"

2173.415

DEST. 1/68 M 9-1165

Reference mark, 70 ft. E. of tablet, 80 ft. N. of centerline of Highway
86, drill hole in top of buried rock

2173.768

1.09 mi. N. of EM "1 LC 1961", 30 ft. E. of center of gravel rd., 48
ft. N. of an ironwood tree, top of buried boulder projecting 4 in.

2138.553

Ajo, 22 mi. E. of along State Highway 86, to junction of gravel rd.,
thence 1.81 mi. N. of, 30 ft. E. of center of rd., 17 ft. NW. of
telephone pole, concrete post projecting 2 in.; standard tablet stamped
"2 LC 1961 2116"

2115.962

DEST. 1/68 M 9-1165

Reference mark, 80 ft. S. of tablet, top of buried boulder projecting
6 in. above ground

2116.755

9 20 2/68 DEST 9-1165

Ajo, 22 mi. E. of along State Highway 86, to junction of gravel rd.,
thence 2.9 mi. N. to "Y" junction, 30 ft. W. of N.-S. rd., 34 ft. NE.
of NW.-SE. rd. at S. edge of brush line in triangle, concrete post
projecting 6 in., stamped "3 LC 1961 2111"

2111.040

Reference mark, 132 ft. SE. of tablet, 30 ft. E. of N.-S. rd., top of
buried boulder projecting 7 in.

2109.363

(3) FROM USC&GS EM "J 338 1961" AT KERWO EAST ALONG ROAD INTO
WEST EDGE OF PISINIMO QUADRANGLE (56) (by L.R. Curtis,
1961; Book: PV 444)

USC&GS EM "J 338 1961"

2166.446

1 mi. NE. of EM "J 338", 44 ft. N. of center of gravel rd., 13 ft. W.
of center of dirt crossroad, buried rock; chiseled square

2152.852

Ajo, 15.9 mi. E. of along State Highway 86 thence 12.3 mi. S. along
graveled rd. to a T-junction at Kerwo, thence 2.1 mi. easterly along
graveled rd. toward Pisinimo to a track rd. S., 43 ft. N. and 1 ft.
lower than center of main rd., 9 ft. W. of trail, concrete post pro-
jecting 8 in.; standard tablet stamped "13 LC 1961 2114"

2114.234

Reference mark, 106 ft. SW. of tablet, 52 ft. S. and 2 ft. higher than
center of rd., 48 ft. NW. of center of side rd., buried rock; chiseled
point

2116.342

1.13 mi. E. of EM, "13 LC", 38 ft. N. of center of rd., 10 ft. S. of
creosote bush, buried rock; chiseled square

2076.978

FILE

REPORT ON PERMANENT SURVEY MARK

U.S. Department of the Interior
Geological Survey
Experimental Form 9-1165

State: Arizona	County: Pima	15' Quadrangle No: 57
Line No: 2		30' Quadrangle No: 321123
7.5 Min. Quad Name: Hotason Vo		Project Quad: 62
Designation: LISTED: 1 LC 1961		Type of Datum: Vertical
Stamped: unknown		
Elevation: 662.458 meters/2173.415 feet		Established by: USGS
Condition: Destroyed		
Nearest town: Ajo		Distance from: 22 mi. E
Remarks:		
This mark has been destroyed. The monument was found with the top broken off. The disk was not recovered. The mark has been replaced with an Arizona Department of Transportation station "VOWAN 1979" which was recovered in good condition.		

Submitted by: S. G. Daniel
Title: Carto Tech
Agency: USGS

Recovery Date: Feb. 1988

REPORT ON PERMANENT SURVEY MARK

U.S. Department of the Interior
Geological Survey
Experimental Form 9-1165

State: Arizona

County: Pima

15' Quadrangle No: 57

Line No: 2

30' Quadrangle No: 321123

7.5 Min. Quad Name: Hotason Vo

Project Quad: 62

Designation: LISTED: 2 LC 1961
 Stamped: unknown

Type of Datum: Vertical

Elevation: 644.946 meters/2115.962 feet
Condition: Destroyed

Established by: USGS

Nearest town: Ajo

Distance from: 22 mi. E

Remarks:

This mark has been destroyed. The monument was found with the top broken off. The disk was not recovered. The road has been paved and the alignment changed. The destruction of this mark was undoubtedly done during this construction.

Submitted by: S. G. Daniel
Title: Carto Tech
Agency: USGS

Recovery Date: Feb. 1988

REPORT ON PERMANENT SURVEY MARK

Department of the Interior
U.S. Geological Survey
Experimental Form 9-1165

State: Arizona

County: Pima

15' Quadrangle No: 57

Line No: 2

30' Quadrangle No: 321123

7.5 Min. Quad Name: Hotason Vo

Project Quad: 62

Designation: LISTED: 3 LC 1961
STAMPED: 3 LC 1961

Type of Datum: Vertical

Elevation: 643.446 meters/2111.040 feet

Established by: USGS

Nearest town: Ajo

Distance from: 22 MI E

Condition: Destroyed

Remarks:

The monument was recovered but was completely out of the ground and destroyed. this was probably done during road construction.

Submitted by: S. G. Daniel
Title: Carto Tech
Agency: USGS

Recovery Date: March 1988