



Date: December 9, 2021 **Time:** 17:23:54 UTC **Employee:** N. Guenther

Job Name: CA Salton Sea **Point ID:** GCP_043

State: California **Latitude:** 33 17 34.45525 **Longitude:** -116 17 54.39187

Address and/or Intersection: Henderson Canyon Rd. and Pegleg Rd.

OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	H RMS:	V RMS:	Duration:		
<input checked="" type="radio"/>	STATIC GNSS	Start Time: 17:23:54 UTC		End Time: 22:22:23 UTC		
<input type="radio"/>	Conventional Pairs VRS	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Conventional Pairs STATIC	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Occupied Point	Pt.# / HT: _____ / _____	B.S	Pt.# / HT: _____ / _____	F.S.	Pt.# / HT: _____ / _____
<input type="radio"/>	Back Sight Point	Distance: _____	Vertical Angle: _____	Angle: _____		
<input type="radio"/>	F.S. Point	Angle: _____	Vertical Angle: _____	Slope Dist: _____	Horizontal Dist: _____	

TYPE OF SURFACE

- PAVEMENT
- VEGETATION
- BARE SOIL
- NGS CONTROL

PICTURES

- Photos of area & setup

POINT RE-CHECK

Date: _____

Time: _____

Pt ID: _____

Description:

Sketch or Image of Area





POINT ID: GCP_043
MONUMENT PHOTO



Control
GCP_043
Bare Soil

12/09/2021

POINT ID: GCP_043

NORTH PHOTO



Control
GCP_043
Bare Soil

12/09/2021



POINT ID: GCP_043

EAST PHOTO

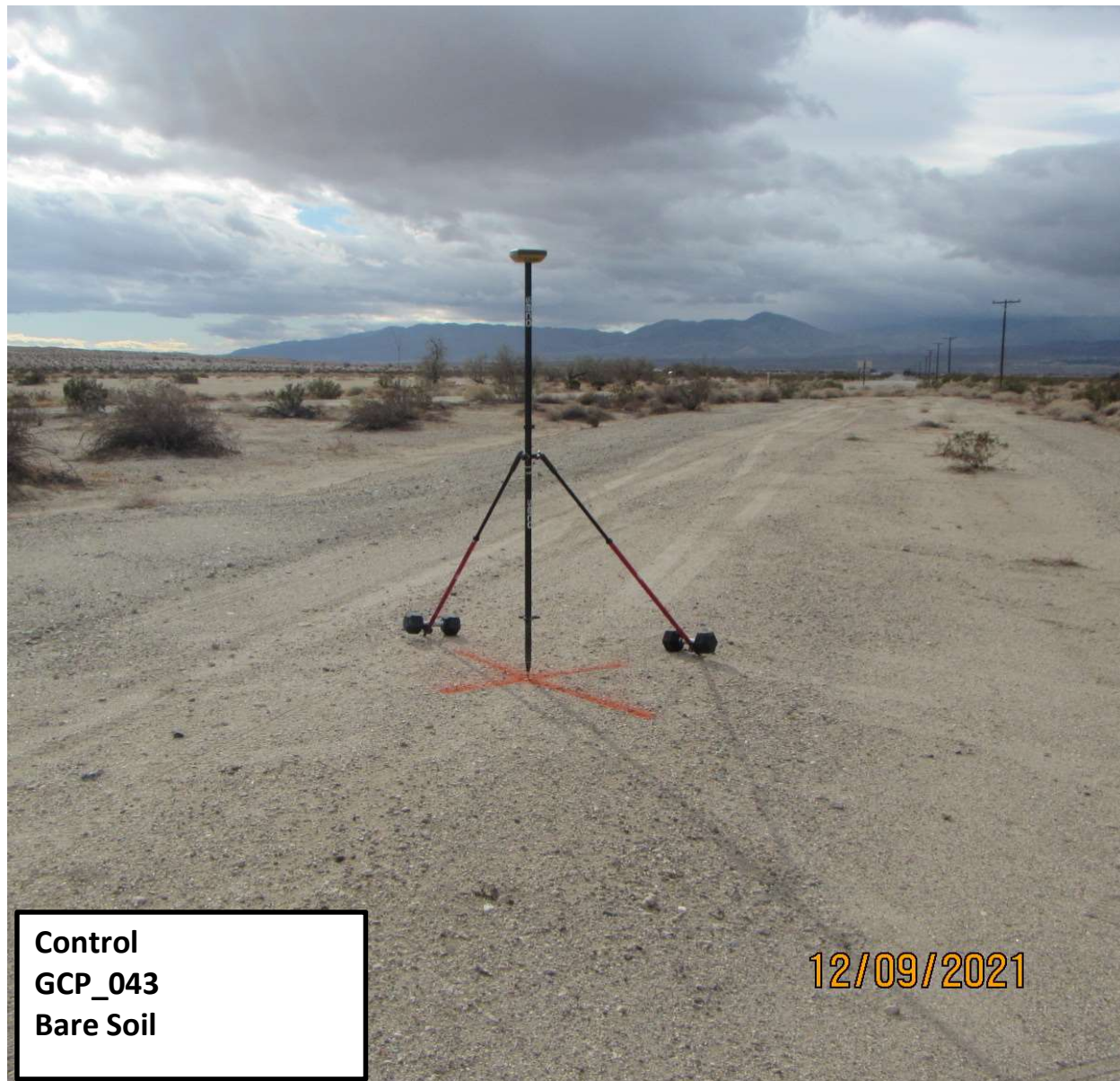


Control
GCP_043
Bare Soil

12/09/2021



POINT ID: GCP_043
SOUTH PHOTO



Control
GCP_043
Bare Soil

12/09/2021



POINT ID: GCP_043
WEST PHOTO



Control
GCP_043
Bare Soil

12/09/2021



RINEX FILE: c026343r.21o

TIME: 19:16:52 UTC

SOFTWARE: page5 2008.25 master252.pl 16032 START: 2021/12/09 17:24:00
 EPHEMERIS: igr21874.eph [rapid] STOP: 2021/12/09 22:22:00
 NAV FILE: brdc3430.21n OBS USED: 10907 / 11738 : 93%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 66 / 78 : 85%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.016(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9393)

X: -2364469.771(m) 0.006(m) -2364470.827(m) 0.006(m)
 Y: -4784468.534(m) 0.017(m) -4784466.976(m) 0.017(m)
 Z: 3481241.039(m) 0.010(m) 3481241.061(m) 0.010(m)

LAT: 33 17 34.45505 0.012(m) 33 17 34.47222 0.012(m)
 E LON: 243 42 5.60822 0.002(m) 243 42 5.54497 0.002(m)
 W LON: 116 17 54.39178 0.002(m) 116 17 54.45503 0.002(m)
 EL HGT: 151.947(m) 0.016(m) 151.183(m) 0.016(m)
 ORTHO HGT: 184.851(m) 0.055(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3683978.615	624903.577
Easting (X) [meters]	565319.862	1995488.148
Convergence [degrees]	0.38511111	-0.02661944
Point Scale	0.99965260	0.99995440
Combined Factor	0.99962875	0.99993055

US NATIONAL GRID DESIGNATOR: 11SNS6531983978(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DG9795	P482 LAKHENS	WCS2004	CORS ARP	N331424.631 W1164017.036 35247.9
DN7481	USGC USGC_	SCGN_CS1998	CORS ARP	N330148.216 W1160507.157 35285.7
DG8353	P480 VALLECITO_	CS2004	CORS ARP	N325833.570 W1162054.679 35459.7

NEAREST NGS PUBLISHED CONTROL POINT

DX0470	CL 8	N331735.000 W1161755.000	23.0
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