



**Date:** December 14, 2021 **Time:** 19:25:02 UTC

**Employee:** N. Guenther

**Job Name:** CA Salton Sea

**Point ID:** GCP\_056

**State:** California

**Latitude:** 33 05 04.48541

**Longitude:** -114 54 42.39205

**Address and/or Intersection:** Near Ben Hulse Hwy. and Obilby Rd.

### OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	<b>H RMS:</b>	<b>V RMS:</b>	<b>Duration:</b>		
<input checked="" type="radio"/>	STATIC GNSS	<b>Start Time:</b> 19:25:02 UTC		<b>End Time:</b> 0:35:04 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\_056  
MONUMENT PHOTO



Control  
GCP\_056  
Bare Soil

12/14/2021



POINT ID: GCP\_056  
NORTH PHOTO

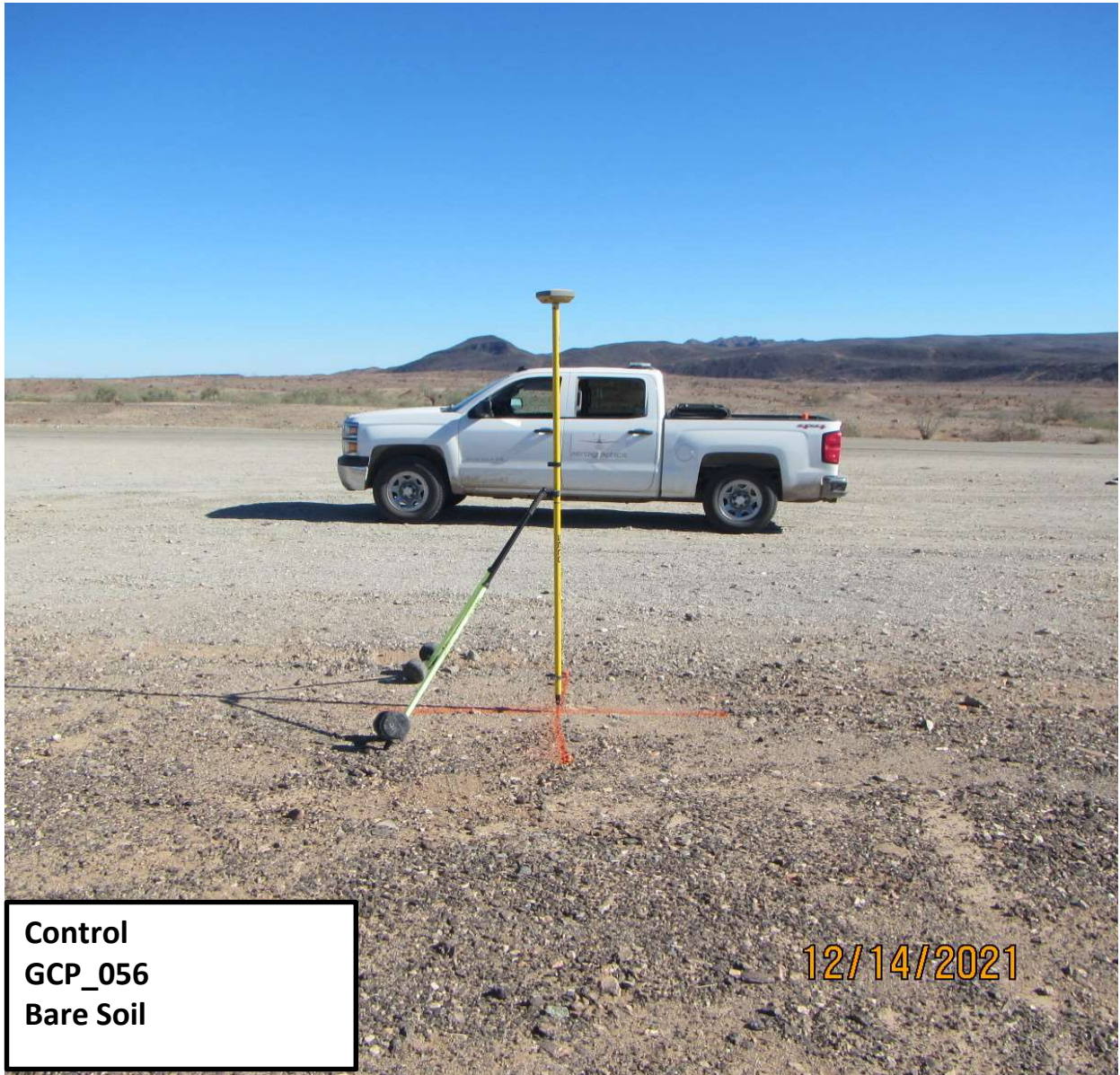


Control  
GCP\_056  
Bare Soil

12/14/2021



POINT ID: GCP\_056  
EAST PHOTO

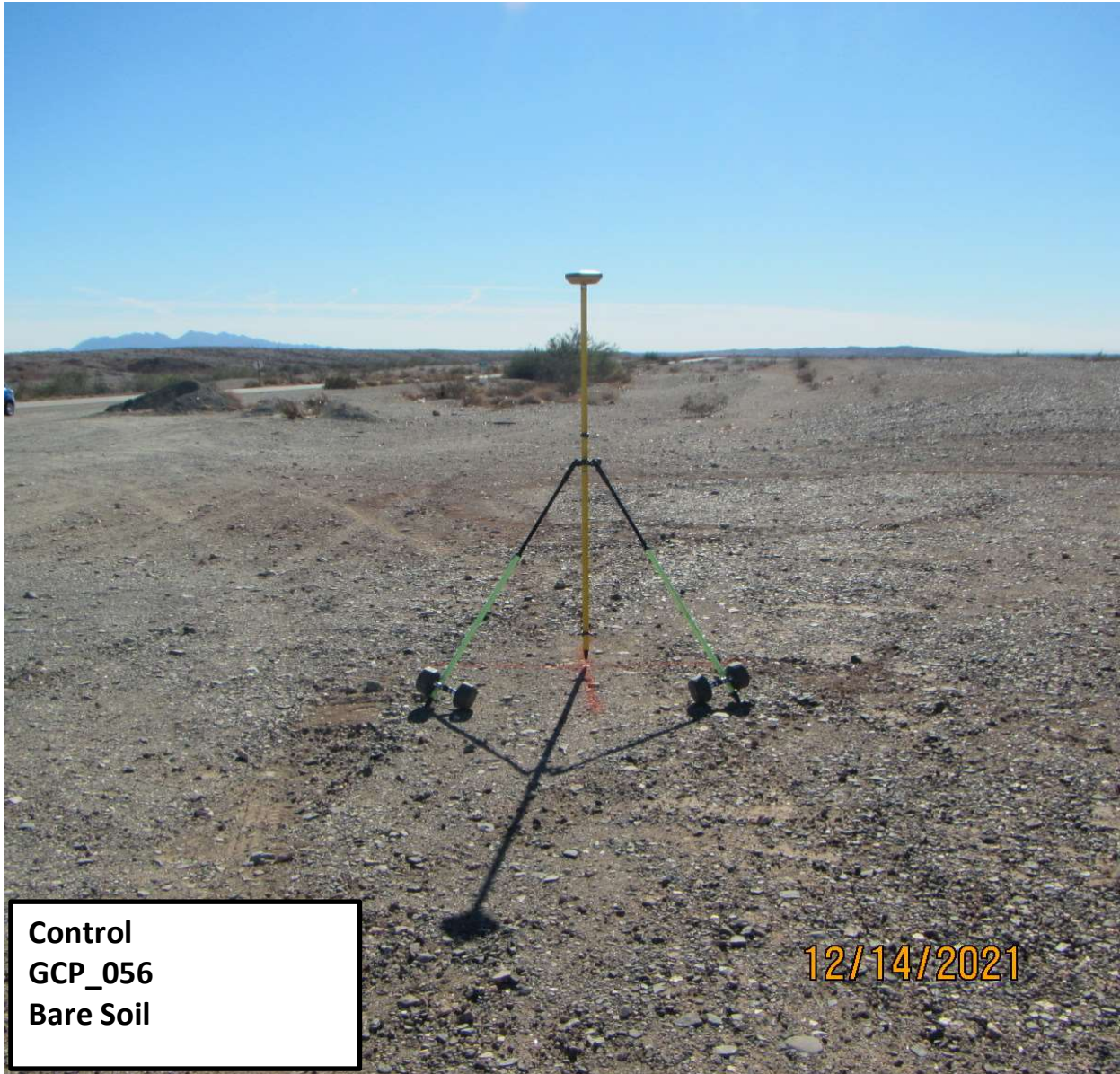


Control  
GCP\_056  
Bare Soil

12/14/2021



POINT ID: GCP\_056  
SOUTH PHOTO

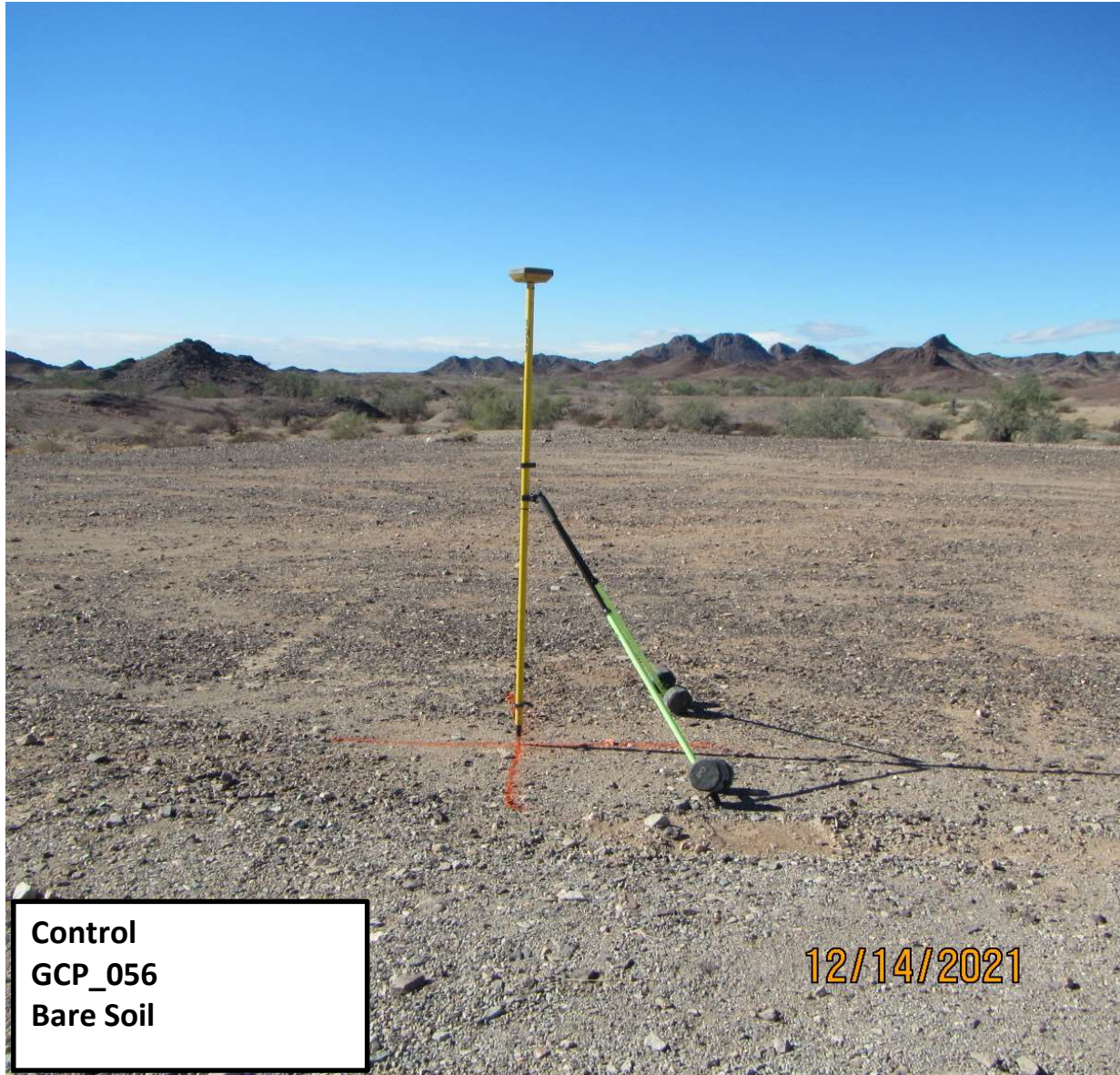


Control  
GCP\_056  
Bare Soil

12/14/2021



POINT ID: GCP\_056  
WEST PHOTO





RINEX FILE: c049348t.21o

TIME: 18:15:41 UTC

SOFTWARE: page5 2008.25 master253.pl 16032    START: 2021/12/14 19:25:00  
 EPHEMERIS: igr21882.eph [rapid]                    STOP: 2021/12/15 00:35:00  
 NAV FILE: brdc3480.21n                            OBS USED: 11709 / 12557 : 93%  
 ANT NAME: TPSHIPER\_SR    NONE                    # FIXED AMB: 63 / 73 : 86%  
 ARP HEIGHT: 02.000                                OVERALL RMS: 0.014(m)

REF FRAME: NAD\_83(2011)(EPOCH:2010.0000)                    ITRF2014 (EPOCH:2021.9532)

X: -2253365.757(m) 0.011(m)                    -2253366.676(m) 0.011(m)  
 Y: -4851849.644(m) 0.006(m)                    -4851848.287(m) 0.006(m)  
 Z: 3461970.940(m) 0.021(m)                    3461970.761(m) 0.021(m)

LAT: 33 5 4.48541 0.015(m)                    33 5 4.49549 0.015(m)  
 E LON: 245 5 17.60795 0.011(m)                    245 5 17.55377 0.011(m)  
 W LON: 114 54 42.39205 0.011(m)                    114 54 42.44623 0.011(m)  
 EL HGT: 273.148(m) 0.014(m)                    272.343(m) 0.014(m)  
 ORTHO HGT: 306.667(m) 0.066(m) [NAVD88 (Computed using GEOID18)]

### UTM COORDINATES    STATE PLANE COORDINATES

UTM (Zone 11)                    SPC (0406 CA 6)

Northing (Y) [meters]	3662602.830	602600.401
Easting (X) [meters]	694904.461	2124933.931
Convergence [degrees]	1.14027222	0.73537778
Point Scale	1.00006840	0.99996356
Combined Factor	1.00002551	0.99992068

US NATIONAL GRID DESIGNATOR: 11SPS9490462602(NAD 83)

### BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DN7404	P500 ALLAMERICNCS2005	CORS ARP	N324124.153 W1151759.705	56866.2
DL1884	AZJU CITY OF YUMA	CORS ARP	N323930.045 W1143137.539	59420.4
DN7584	GMPK GMPK_SCGN_CS2000	CORS ARP	N330303.892 W1144938.396	8723.2

### NEAREST NGS PUBLISHED CONTROL POINT

DW0619	FORK RM 2	N330500012. W1145400038.	275.6
--------	-----------	--------------------------	-------