



Date: December 11, 2021 **Time:** 17:45:14 UTC

Employee: CW

Job Name: CA Salton Sea

Point ID: GCP_048

State: California

Latitude: 33 05 22.56583

Longitude: -115 46 13.18624

Address and/or Intersection: CA-78 W and Barth Rd.

OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	H RMS:	V RMS:	Duration:		
<input checked="" type="radio"/>	STATIC GNSS	Start Time: 17:45:14 UTC		End Time: 19:47:55 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_048

MONUMENT PHOTO



**Control
GCP_048
Bare Soil**



POINT ID: GCP_048

NORTH PHOTO

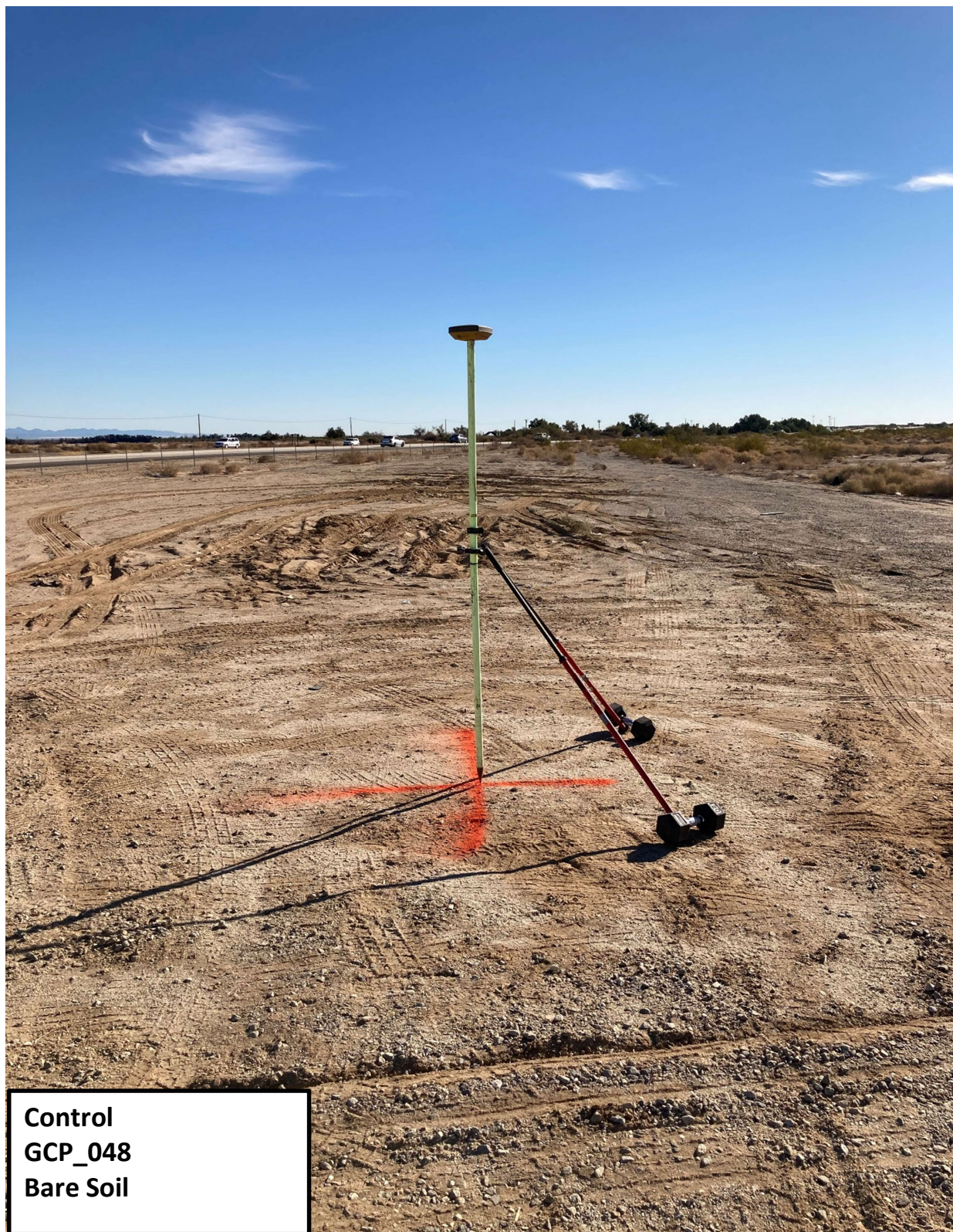


**Control
GCP_048
Bare Soil**



POINT ID: GCP_048

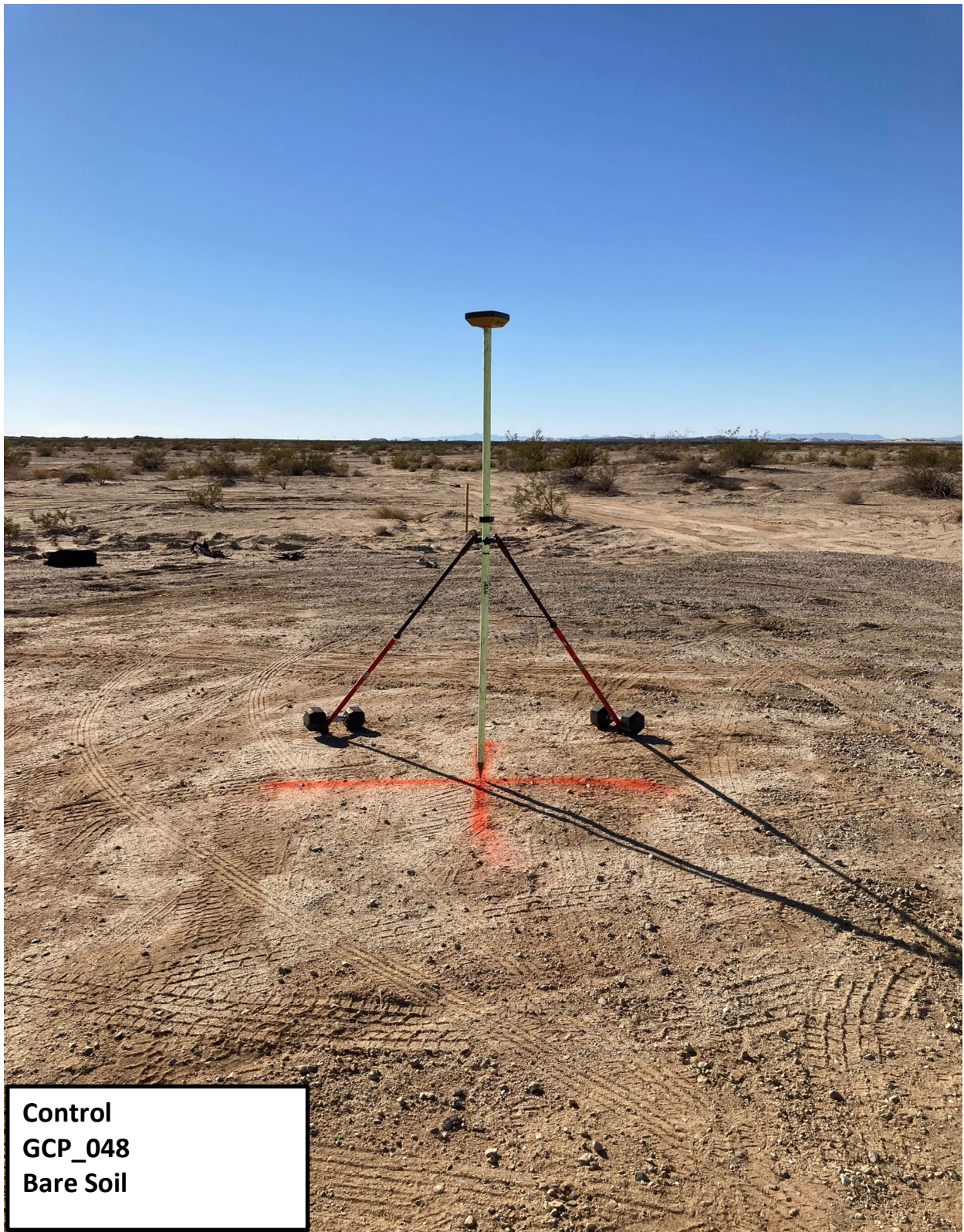
EAST PHOTO



**Control
GCP_048
Bare Soil**



POINT ID: GCP_048
SOUTH PHOTO





POINT ID: GCP_048

WEST PHOTO



**Control
GCP_048
Bare Soil**



RINEX FILE: c033345r.21o

TIME: 16:32:42 UTC

SOFTWARE: page5 2008.25 master251.pl 16032 START: 2021/12/11 17:45:00
 EPHEMERIS: igr21876.eph [rapid] STOP: 2021/12/11 19:47:00
 NAV FILE: brdc3450.21n OBS USED: 4489 / 4690 : 96%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 30 / 32 : 94%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.011(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9446)

X: -2325550.762(m) 0.010(m) -2325551.782(m) 0.010(m)
 Y: -4816997.150(m) 0.005(m) -4816995.667(m) 0.005(m)
 Z: 3462242.677(m) 0.009(m) 3462242.632(m) 0.009(m)

LAT: 33 5 22.56583 0.004(m) 33 5 22.58041 0.004(m)
 E LON: 244 13 46.81376 0.008(m) 244 13 46.75350 0.008(m)
 W LON: 115 46 13.18624 0.008(m) 115 46 13.24650 0.008(m)
 EL HGT: -83.966(m) 0.010(m) -84.738(m) 0.010(m)
 ORTHO HGT: -49.626(m) 0.070(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3661892.636	602458.632
Easting (X) [meters]	614758.031	2044779.578
Convergence [degrees]	0.67141111	0.26358611
Point Scale	0.99976237	0.99996318
Combined Factor	0.99977555	0.99997636

US NATIONAL GRID DESIGNATOR: 11SPS1475861892(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DN7481	USGC USGC_SCGN_CS1998 CORS ARP	N330148.216	W1160507.157	30150.1
DH8055	GLRS GLRS_SCGN_CS1999 CORS ARP	N331629.309	W1153116.890	31000.6
DN5679	SLMS SLMS_SCGN_CS1999 CORS ARP	N331732.005	W1155840.182	29654.6

NEAREST NGS PUBLISHED CONTROL POINT

DW0539	B 578	N330526.000	W1154613.000	105.9
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