



Date: December 15, 2021 **Time:** 17:11:33 UTC

Employee: N. Guenther

Job Name: CA Salton Sea

Point ID: GCP_050

State: California

Latitude: 33 17 45.42857

Longitude: -114 44 59.29307

Address and/or Intersection: Ben Hulse Hwy. and Three Slashes Rd.

OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	H RMS:	V RMS:	Duration:		
<input checked="" type="radio"/>	STATIC GNSS	Start Time: 17:11:33 UTC		End Time: 22:31:01 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

<input type="checkbox"/>	PAVEMENT
<input type="checkbox"/>	VEGETATION
<input checked="" type="checkbox"/>	BARE SOIL
<input type="checkbox"/>	NGS CONTROL

PICTURES

<input checked="" type="checkbox"/>	Photos of area & setup
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POINT RE-CHECK

Date: _____

Time: _____

Pt ID: _____

Description:

Sketch or Image of Area





POINT ID: GCP_050
MONUMENT PHOTO

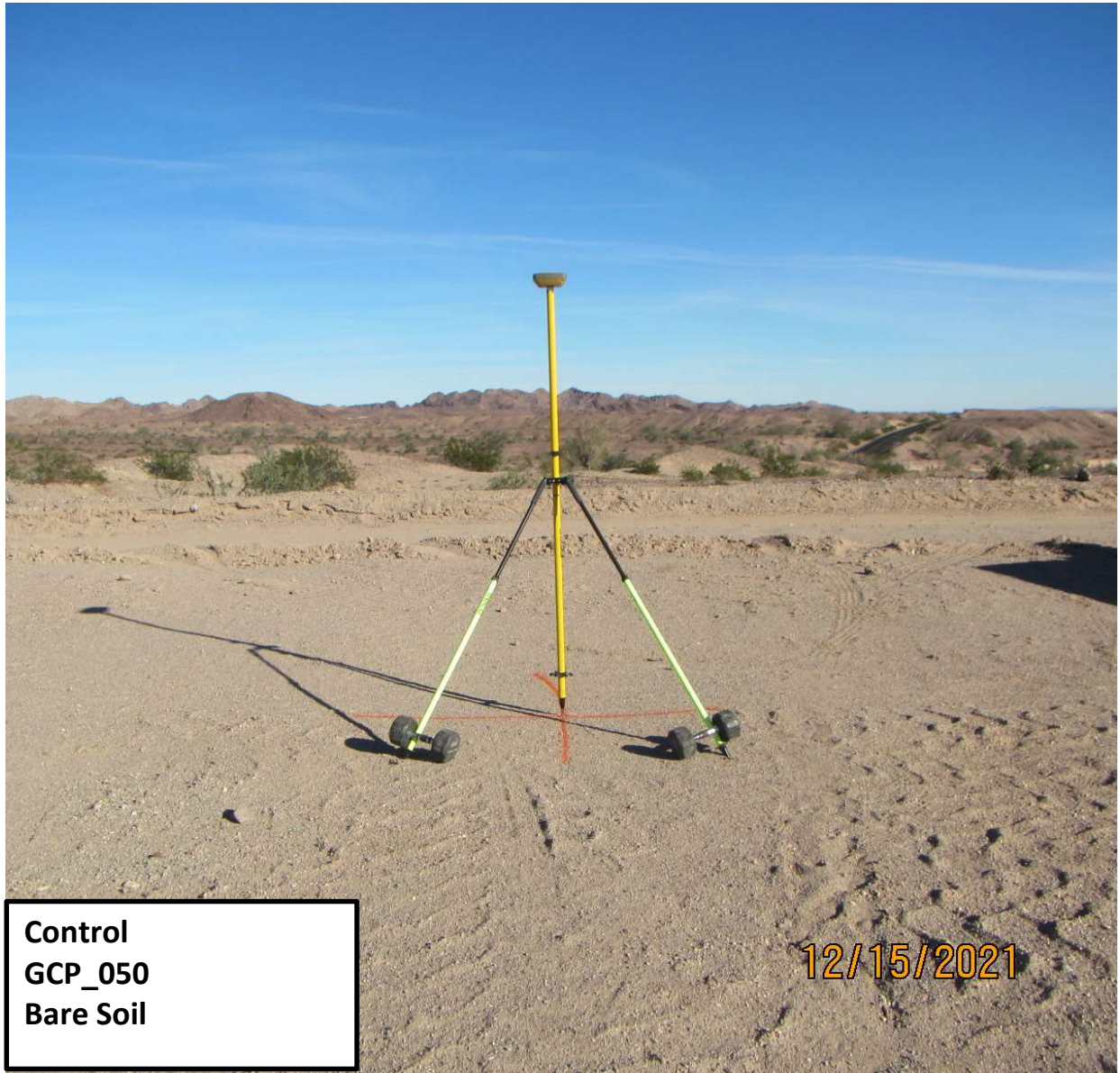


Control
GCP_050
Bare Soil

12/15/2021



POINT ID: GCP_050
NORTH PHOTO

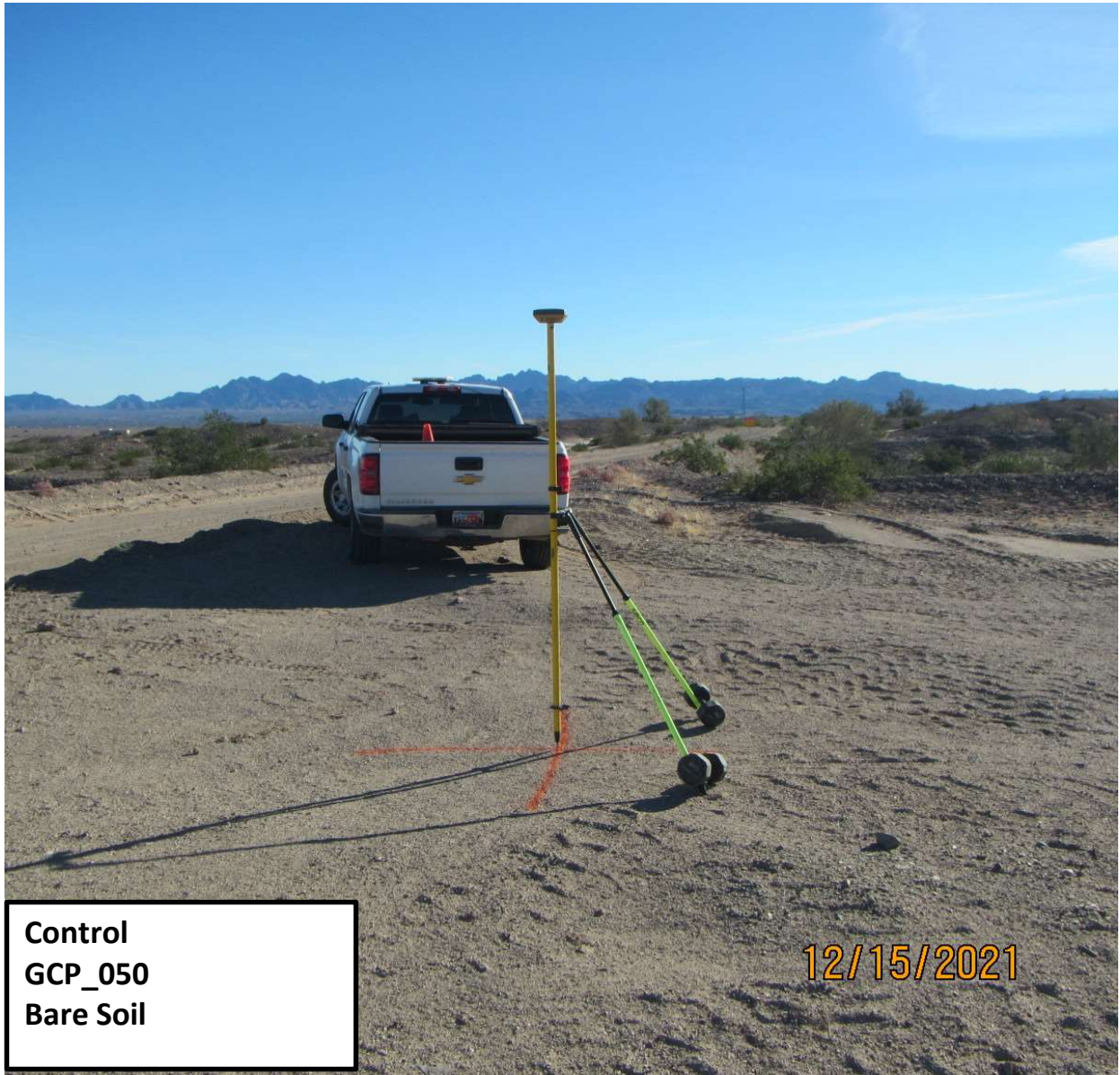


Control
GCP_050
Bare Soil

12/15/2021



POINT ID: GCP_050
EAST PHOTO

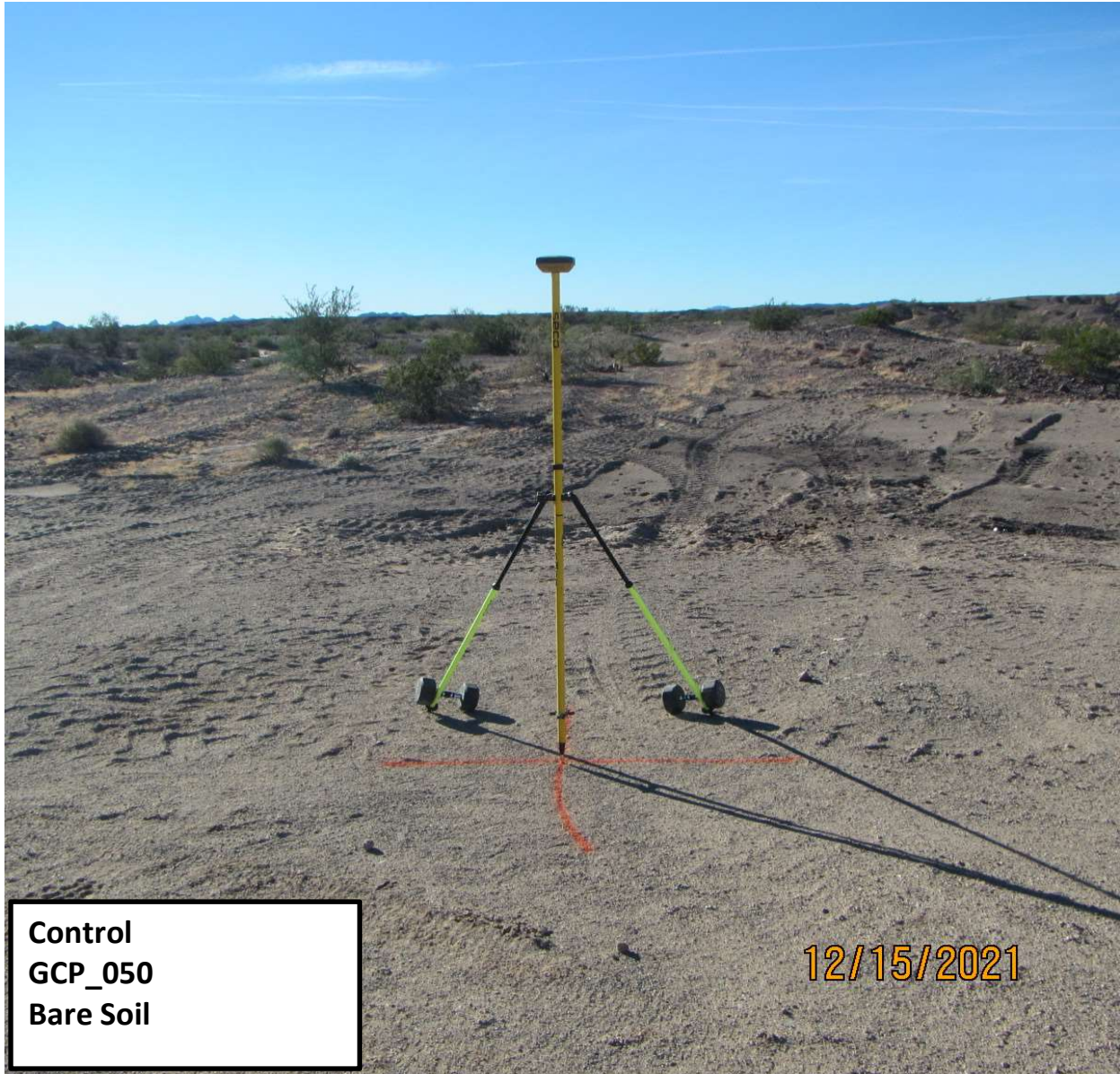


Control
GCP_050
Bare Soil

12/15/2021



POINT ID: GCP_050
SOUTH PHOTO





POINT ID: GCP_050
WEST PHOTO



Control
GCP_050
Bare Soil

12/15/2021



RINEX FILE: c055349r.21o

TIME: 18:22:25 UTC

SOFTWARE: page5 2008.25 master290.pl 16032 START: 2021/12/15 17:12:00
 EPHEMERIS: igr21883.eph [rapid] STOP: 2021/12/15 22:31:00
 NAV FILE: brdc3490.21n OBS USED: 10720 / 11742 : 91%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 61 / 65 : 94%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.013(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9557)

X: -2234196.537(m) 0.004(m) -2234197.457(m) 0.004(m)
 Y: -4846390.618(m) 0.003(m) -4846389.262(m) 0.003(m)
 Z: 3481478.130(m) 0.006(m) 3481477.953(m) 0.006(m)

LAT: 33 17 45.42857 0.005(m) 33 17 45.43883 0.005(m)
 E LON: 245 15 0.70693 0.004(m) 245 15 0.65268 0.004(m)
 W LON: 114 44 59.29307 0.004(m) 114 44 59.34732 0.004(m)
 EL HGT: 69.066(m) 0.004(m) 68.261(m) 0.004(m)
 ORTHO HGT: 102.359(m) 0.063(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3686356.334	626245.745
Easting (X) [meters]	709520.948	2139717.041
Convergence [degrees]	1.23572778	0.82438333
Point Scale	1.00014127	0.99995436
Combined Factor	1.00013043	0.99994352

US NATIONAL GRID DESIGNATOR: 11SQS0952086356(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DH8055	GLRS GLRS_SCGN_CS1999	CORS ARP	N331629.309 W1153116.890	71909.2
DN7584	GMPK GMPK_SCGN_CS2000	CORS ARP	N330303.892 W1144938.396	28110.6
DL1884	AZU CITY OF YUMA	CORS ARP	N323930.045 W1143137.539	73714.1

NEAREST NGS PUBLISHED CONTROL POINT

DW0650 E 134 N3317000040 W11447000028 3871.3