

Exhibits B-90 to B-93

**Chemical Laboratory Test
Results**

DRAFT

CHEMICAL LABORATORY TEST REPORT



Project Number: 94235249
Service Date: 07/24/23
Report Date: 07/26/23

10400 State Highway 191
Midland, Texas 79707
432-684-9600

Client

Cobra Industrial Activities Inc
1800 Street James Pl Suite 650
Houston, TX 77056

Project

Barrett Solar Facility
West US Highway 69 and Farmers to Market 2737
Point, TX

<i>Sample Location</i>	B-1	B-3	B-4	B-6	B-7	B-9	B-11	B-12
<i>Sample Depth (ft.)</i>	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2
pH Analysis, ASTM - G51-18	7.9	6.1	6.1	5.8	7.4	6.6	6.4	6.7
Water Soluble Sulfate (SO ₄), ASTM C 1580 (mg/kg)	22	25	7	2	8	7	13	20
Sulfides, ASTM - D4658-15, (mg/kg)	nil	nil	nil	nil	nil	nil	nil	nil
Chlorides, ASTM D 512 , (mg/kg)	31	38	31	38	63	31	44	50
RedOx, ASTM D-1498, (mV)	+476	+375	+419	+389	+363	+346	+446	+417
Total Salts, ASTM D1125-14, (mg/kg)	495	719	189	547	1,040	294	219	299
Resistivity, ASTM G187, (ohm-cm)	3,614	2,581	3,820	2,788	1,239	4,750	3,924	3,407

Analyzed By:

Amata Cisse

Amata Cisse

Engineering Assistant

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

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<i>Sample Location</i>	B-14	B-15	B-16	B-18
<i>Sample Depth (ft.)</i>	0-2	0-2	0-2	0-2
pH Analysis, ASTM - G51-18	6.6	7.1	5.8	5.5
Water Soluble Sulfate (SO ₄), ASTM C 1580 (mg/kg)	11	1	5	18
Sulfides, ASTM - D4658-15, (mg/kg)	nil	nil	nil	nil
Chlorides, ASTM D 512 , (mg/kg)	38	56	44	44
RedOx, ASTM D-1498, (mV)	+408	+424	+435	+432
Total Salts, ASTM D1125-14, (mg/kg)	152	829	446	323
Resistivity, ASTM G187, (ohm-cm)	5,472	3,098	2,581	6,402

Analyzed By:

Amata Cisse

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Engineering Assistant

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CHEMICAL LABORATORY TEST REPORT



Project Number: 94245360
Service Date: 09/18/24
Report Date: 09/18/24

10400 State Highway 191
Midland, Texas 79707
432-684-9600

Client

Ulteig Engineers, Inc.
12357-B Riata Trace Pkwy, Suite 150
Austin, TX 78727

Project

Barrett Solar - Final Study
US Highway 69
Point, Texas

<i>Sample Location</i>	B-20	B-21	B-21	B-28	B-29	B-31	B-33A	B-34
<i>Sample Depth (ft.)</i>	0-1.5	0-2	0-2	0-1.5	0-2	0-1.5	0-2	0
pH Analysis, ASTM G51-18	6.0	2.9	8.6	7.1	7.2	7.3	5.9	7.2
Water Soluble Sulfate (SO ₄), ASTM C1580 (mg/kg)	4,750	86	83	86	7	32	500	8
Sulfides, AWWA 4500-S D, (mg/kg)	nil	nil	nil	nil	nil	nil	nil	nil
Chlorides, ASTM D512, (mg/kg)	100	106	81	81	38	44	94	63
RedOx, ASTM D1498, (mV)	+564.2	+552.2	+404.5	+535.4	+530.7	+481	+514	+517
Total Salts, ASTM D1125-14, (mg/kg)	11,750	1,095	990	820	505	508	5,120	1,085
Resistivity, ASTM G187, (ohm-cm)	392	1,239	1,136	1,859	3,614	2,478	537	1,446

Analyzed By:

Melissa Flores

Melissa Flores
Engineering Technician II

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Project

Barrett Solar - Final Study
US Highway 69
Point, Texas

<i>Sample Location</i>	B-34	B-38	SB-2
<i>Sample Depth (ft.)</i>	0-1.5	0-1.5	0-1.5
pH Analysis, ASTM G51-18	8.6	7.1	5.7
Water Soluble Sulfate (SO ₄), ASTM C1580 (mg/kg)	21	694	350
Sulfides, AWWA 4500-S D, (mg/kg)	nil	nil	nil
Chlorides, ASTM D512, (mg/kg)	69	56	94
RedOx, ASTM D1498, (mV)	+366	+512	+518
Total Salts, ASTM D1125-14, (mg/kg)	792	1,640	2,820
Resistivity, ASTM G187, (ohm-cm)	1,755	1,342	898

Analyzed By: _____

Melissa Flores

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Engineering Technician II

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