

TABLE 4
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE ENERGY INC.
BALBOA C 20-9X, 23, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C023-022

Sample ID	Sample Date	Depth (ft)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
Overburden	11/21/2023	Grab	0.942	49.3	<0.200	<0.30	2.25	5.04	2.2	<0.260	0.0208	8.5
N Wall 13 Ft	11/21/2023	13	2.45	64	<0.200	<0.30	2.9	14.60	2.91	0.306	0.038	14.2
S Wall 13 Ft	11/21/2023	13	1.83	113	0.401	<0.30	4.73	16.4	6.37	0.393	0.0563	22.4
Floor 14 Ft	11/21/2023	14	1.95	21.2	<0.200	<0.30	3.52	11.7	2.47	<0.260	0.0331	19.9
SS-E 13 Ft	11/22/2023	13	2.18	37.7	0.40	<0.30	4.85	15.1	6.57	0.84	0.0491	23.7
SS-W 13 Ft	11/22/2023	13	1.74	46.6	0.32	<0.30	4.45	14.7	5.8	0.60	0.067	19
S2 Wall 13 Ft	11/27/2023	13	3.00	73.1	0.25	<0.30	4.73	7.61	6.25	<0.26	0.0294	25.7
E Wall 13 Ft	11/27/2023	13	4.72	124	0.26	<0.30	7.53	13.4	5.96	<0.26	0.0623	28.9
W Wall 13 Ft	11/27/2023	13	4.72	67.2	0.516	<0.30	6.5	13.6	12.1	<0.26	0.032	31.6
E2 WALL 13FT	11/28/2023	13	0.297	16.1	<0.200	<0.30	1.1	0.9	<0.400	0.302	<0.0200	1.76
FLOOR 14FT	11/28/2023	14	<0.200	0.97	<0.200	<0.30	<0.400	<0.200	<0.400	<0.260	<0.0200	0.476
NE WALL 13FT	11/28/2023	13	1.7	90.9	0.348	<0.30	3.18	16.6	4.74	0.487	0.0802	17
SW WALL 13FT	11/28/2023	13	0.203	3.43	<0.200	<0.30	0.442	0.452	<0.400	0.357	<0.0200	1.1
SE Wall 13FT	11/29/2023	13	1.56	58.1	0.38	<0.30	3.49	13.8	5.05	0.26	0.044	17.1
S3 WALL 13FT	11/30/2023	13	1.75	52.2	0.396	<0.30	4.3	14	4.18	0.495	0.0641	18.2
S-E WALL 13FT	11/30/2023	13	2.07	39.1	0.376	<0.30	4.15	17.9	3.61	0.406	0.0671	19.4
S-W WALL 13FT	11/30/2023	13	2.33	30.6	0.315	<0.30	4.36	17	2.79	0.463	0.0667	15.9
SE FLOOR 14FT	11/30/2023	14	1.67	28.1	0.218	<0.30	2.5	14.1	2.44	0.549	0.0455	13
BACKFILL	11/30/2023	Grab	0.931	53.2	<0.200	<0.30	1.99	5.1	2.17	<0.260	0.0317	8.1
W Wall 13FT (2)	08/20/2024	13	3.34	NA	NA	NA	NA	NA	NA	NA	NA	NA
BKG01@6.0"	1/26/2023	0.5	1.52	32.3	0.135	<0.30	3.01	4.69	2.87	<0.260	0.0236	11.2
BKG 1 13FT	11/30/2023	13	1.93	119	0.373	<0.30	4.34	12.8	4.3	0.466	0.0522	20.9
BKG 1 14FT	11/30/2023	14	1.57	53.3	0.334	<0.30	2.96	9.26	3.02	<0.260	0.0413	14.4
BKG 2 13FT	11/30/2023	13	1.86	31.9	0.314	<0.30	3.86	16.6	3.04	0.499	0.0685	18.8
BKG 2 14FT	11/30/2023	14	1.49	67.7	0.392	<0.30	3.67	10.2	3.67	0.539	0.0685	15.4
BKG 3 13FT	11/30/2023	13	1.74	103	0.479	<0.30	4.03	17.3	4.95	0.42	0.0741	18.8
BKG 3 14FT	11/30/2023	14	1.87	57.4	0.292	<0.30	2.59	11.3	3.17	0.305	0.0431	14.7
BKG 4 13FT	11/30/2023	13	1.96	33.7	0.284	<0.30	3.43	16.4	2.9	0.493	0.063	16.6
BKG 4 14FT	11/30/2023	14	1.36	28.6	0.248	<0.30	3.07	7.6	2.58	0.268	0.0351	13.9
BKG 5 13FT	11/30/2023	13	1.75	141	0.368	<0.30	3.59	13.1	3.18	0.823	0.0584	15.7
BKG 5 14FT	11/30/2023	14	2.07	44.5	0.36	<0.30	2.49	15.3	3.06	0.588	0.043	15.3
Max. Background Concentration			2.1	141	0.5	NA	NA	17	NA	0.8	NA	NA
125% Max. Background Concentration			2.6	176	0.6	NA	NA	22	NA	1.0	NA	NA

Bold faced values exceed the ECMC Table 915-1 concentrations

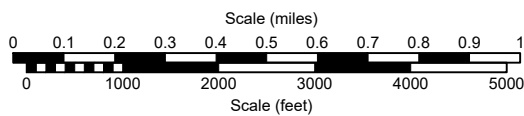
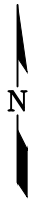
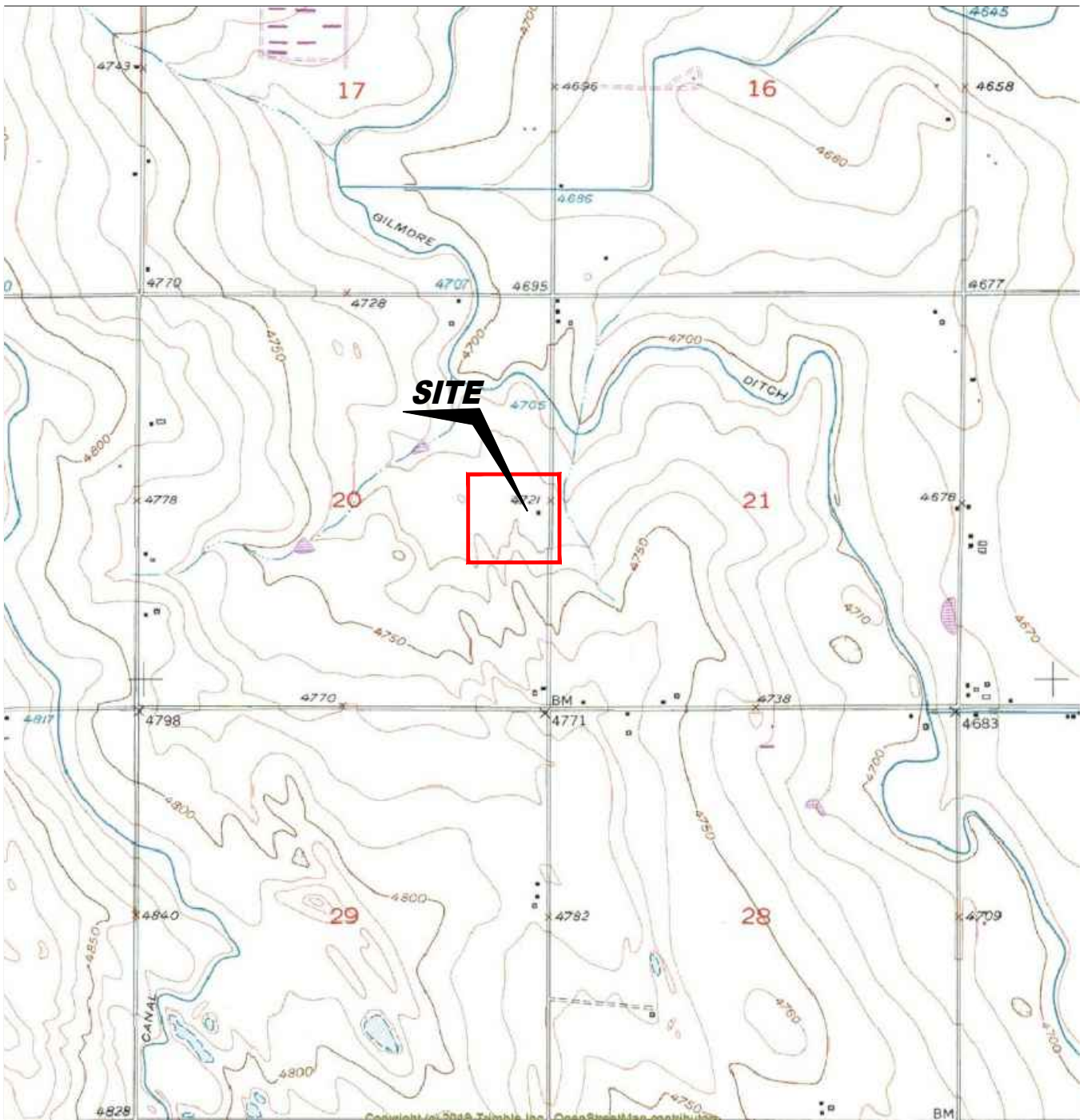
Red & blue highlighted 915-1 Limits indicate the referenced soil screening level (SSL)

* Indicates laboratory minimum detection limit in excess of SSL

Green highlighted cells indicate soil removed via excavation

Orange highlighted samples indicate soil exceeding 125% times the maximum background constituent

NA - Not analyzed



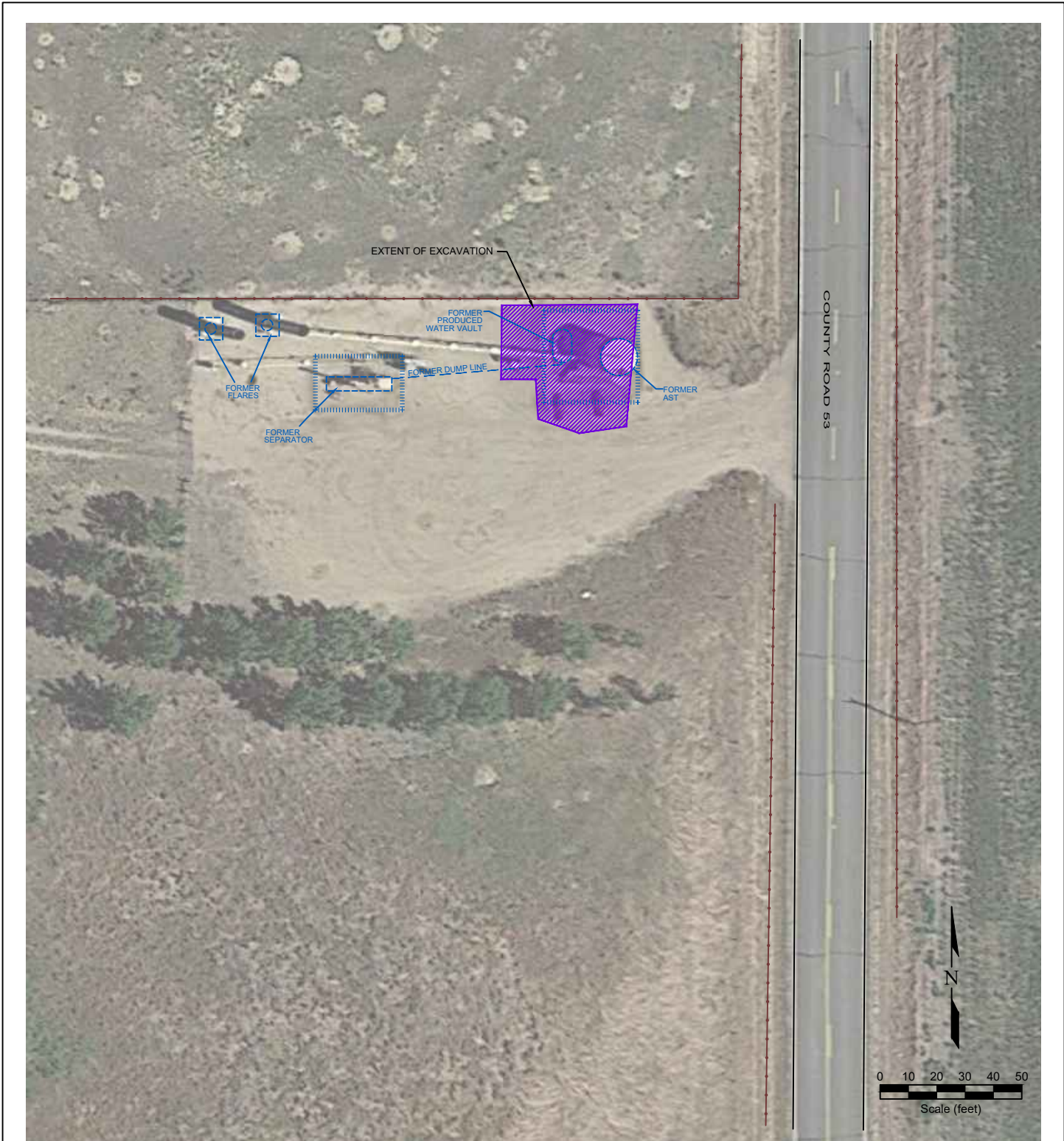
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

Noble Energy, Inc. ~ Balboa C 20-9X
NESE Sec. 20, T4N, R64W, 6th PM
Weld County, Colorado
40.295933°, -104.565613°

Project # C023-022	Facility # 450395	Remediation # 24048
Date 1/17/24	Reviewed By EB	Filename 23022TE





LEGEND

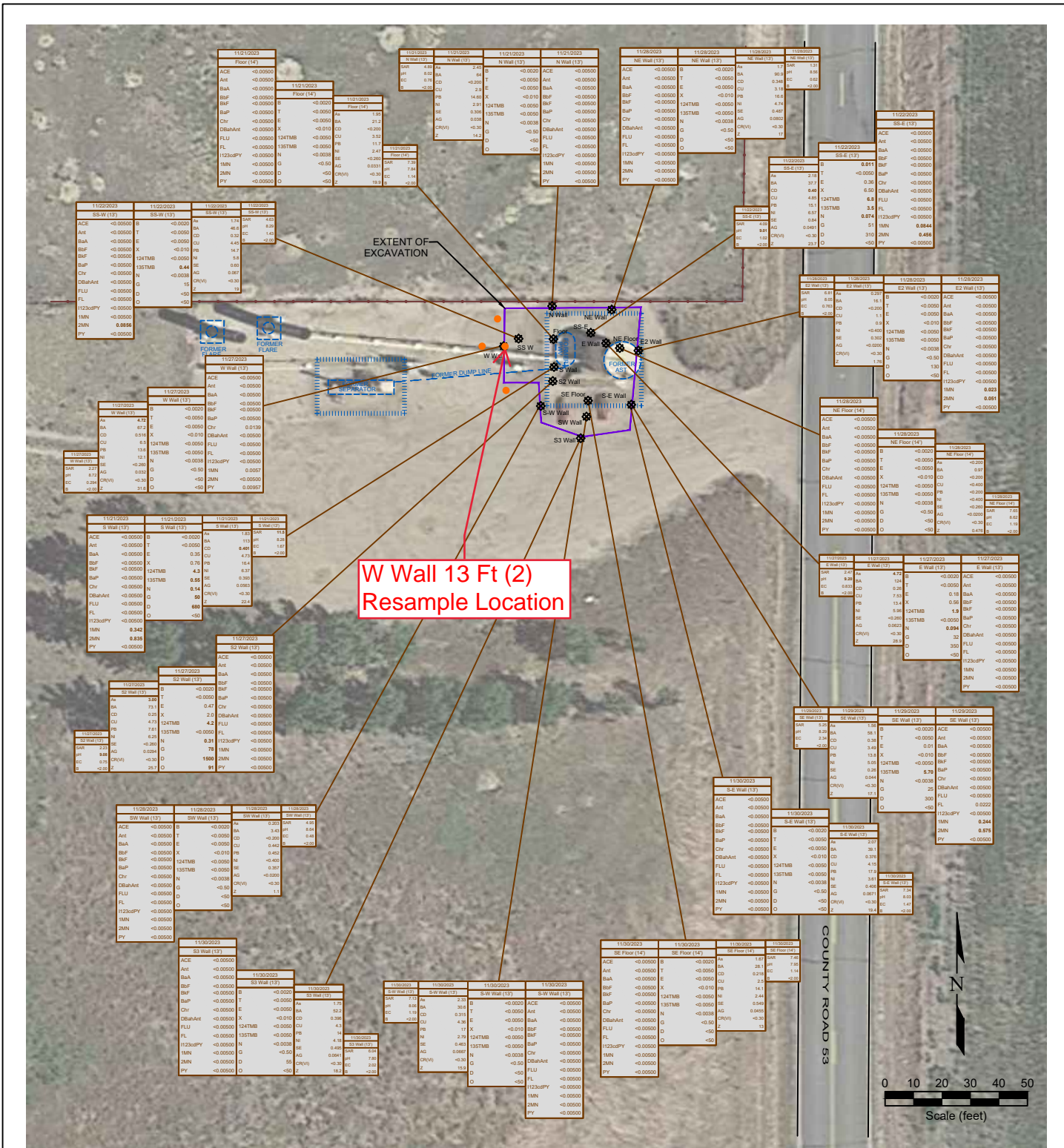
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- AREA EXCAVATED
- CONTAINMENT WALL
- FENCE LINE
- DUMP LINE
- EXTENT OF EXCAVATION

**Figure 2
SITE MAP**

Noble Energy, Inc. ~ Balboa C 20-9X
 NESE Sec. 20, T4N, R64W, 6th PM
 Weld County, Colorado
 40.295933°, -104.565613°

Project No. C023-022	Facility # 450395	Remediation # 24048
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LEGEND

- SOIL SAMPLE LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT WALL
- FENCE LINE
- DUMP LINE
- EXTENT OF EXCAVATION

● Proposed As Delineation Boring

11/29/2023	11/29/2023	11/29/2023	11/29/2023
DATE SAMPLED	DATE SAMPLED	DATE SAMPLED	DATE SAMPLED
ASTOR (6 FT)	ASTOR (6 FT)	ASTOR (6 FT)	ASTOR (6 FT)
ACE <0.0050	ACE <0.0050	ACE <0.0050	ACE <0.0050
Ant <0.0050	Ant <0.0050	Ant <0.0050	Ant <0.0050
BaA <0.0050	BaA <0.0050	BaA <0.0050	BaA <0.0050
BaP <0.0050	BaP <0.0050	BaP <0.0050	BaP <0.0050
Ch <0.0050	Ch <0.0050	Ch <0.0050	Ch <0.0050
DBaAnt <0.0050	DBaAnt <0.0050	DBaAnt <0.0050	DBaAnt <0.0050
FLU <0.0050	FLU <0.0050	FLU <0.0050	FLU <0.0050
11/23aPY <0.0050	11/23aPY <0.0050	11/23aPY <0.0050	11/23aPY <0.0050
1MN <0.0050	1MN <0.0050	1MN <0.0050	1MN <0.0050
2MN <0.0050	2MN <0.0050	2MN <0.0050	2MN <0.0050
PY <0.0050	PY <0.0050	PY <0.0050	PY <0.0050

11/29/2023	11/29/2023	11/29/2023	11/29/2023
DATE SAMPLED	DATE SAMPLED	DATE SAMPLED	DATE SAMPLED
ASTOR (6 FT)	ASTOR (6 FT)	ASTOR (6 FT)	ASTOR (6 FT)
ACE <0.0050	ACE <0.0050	ACE <0.0050	ACE <0.0050
Ant <0.0050	Ant <0.0050	Ant <0.0050	Ant <0.0050
BaA <0.0050	BaA <0.0050	BaA <0.0050	BaA <0.0050
BaP <0.0050	BaP <0.0050	BaP <0.0050	BaP <0.0050
Ch <0.0050	Ch <0.0050	Ch <0.0050	Ch <0.0050
DBaAnt <0.0050	DBaAnt <0.0050	DBaAnt <0.0050	DBaAnt <0.0050
FLU <0.0050	FLU <0.0050	FLU <0.0050	FLU <0.0050
11/23aPY <0.0050	11/23aPY <0.0050	11/23aPY <0.0050	11/23aPY <0.0050
1MN <0.0050	1MN <0.0050	1MN <0.0050	1MN <0.0050
2MN <0.0050	2MN <0.0050	2MN <0.0050	2MN <0.0050
PY <0.0050	PY <0.0050	PY <0.0050	PY <0.0050

11/29/2023	11/29/2023	11/29/2023	11/29/2023
DATE SAMPLED	DATE SAMPLED	DATE SAMPLED	DATE SAMPLED
ASTOR (6 FT)	ASTOR (6 FT)	ASTOR (6 FT)	ASTOR (6 FT)
ACE <0.0050	ACE <0.0050	ACE <0.0050	ACE <0.0050
Ant <0.0050	Ant <0.0050	Ant <0.0050	Ant <0.0050
BaA <0.0050	BaA <0.0050	BaA <0.0050	BaA <0.0050
BaP <0.0050	BaP <0.0050	BaP <0.0050	BaP <0.0050
Ch <0.0050	Ch <0.0050	Ch <0.0050	Ch <0.0050
DBaAnt <0.0050	DBaAnt <0.0050	DBaAnt <0.0050	DBaAnt <0.0050
FLU <0.0050	FLU <0.0050	FLU <0.0050	FLU <0.0050
11/23aPY <0.0050	11/23aPY <0.0050	11/23aPY <0.0050	11/23aPY <0.0050
1MN <0.0050	1MN <0.0050	1MN <0.0050	1MN <0.0050
2MN <0.0050	2MN <0.0050	2MN <0.0050	2MN <0.0050
PY <0.0050	PY <0.0050	PY <0.0050	PY <0.0050

Figure 3
EXCAVATION SOIL CHEMISTRY MAP

Noble Energy, Inc. ~ Balboa C 20-9X
NESE Sec. 20, T4N, R64W, 6th PM
Weld County, Colorado
40.295933°, -104.565613°

Project No.	Facility #	Remediation #
C023-022	450395	24048
Date	Reviewed By	Filename
1/18/24	EB	23022QE1

REMONTE ENVIRONMENTAL

