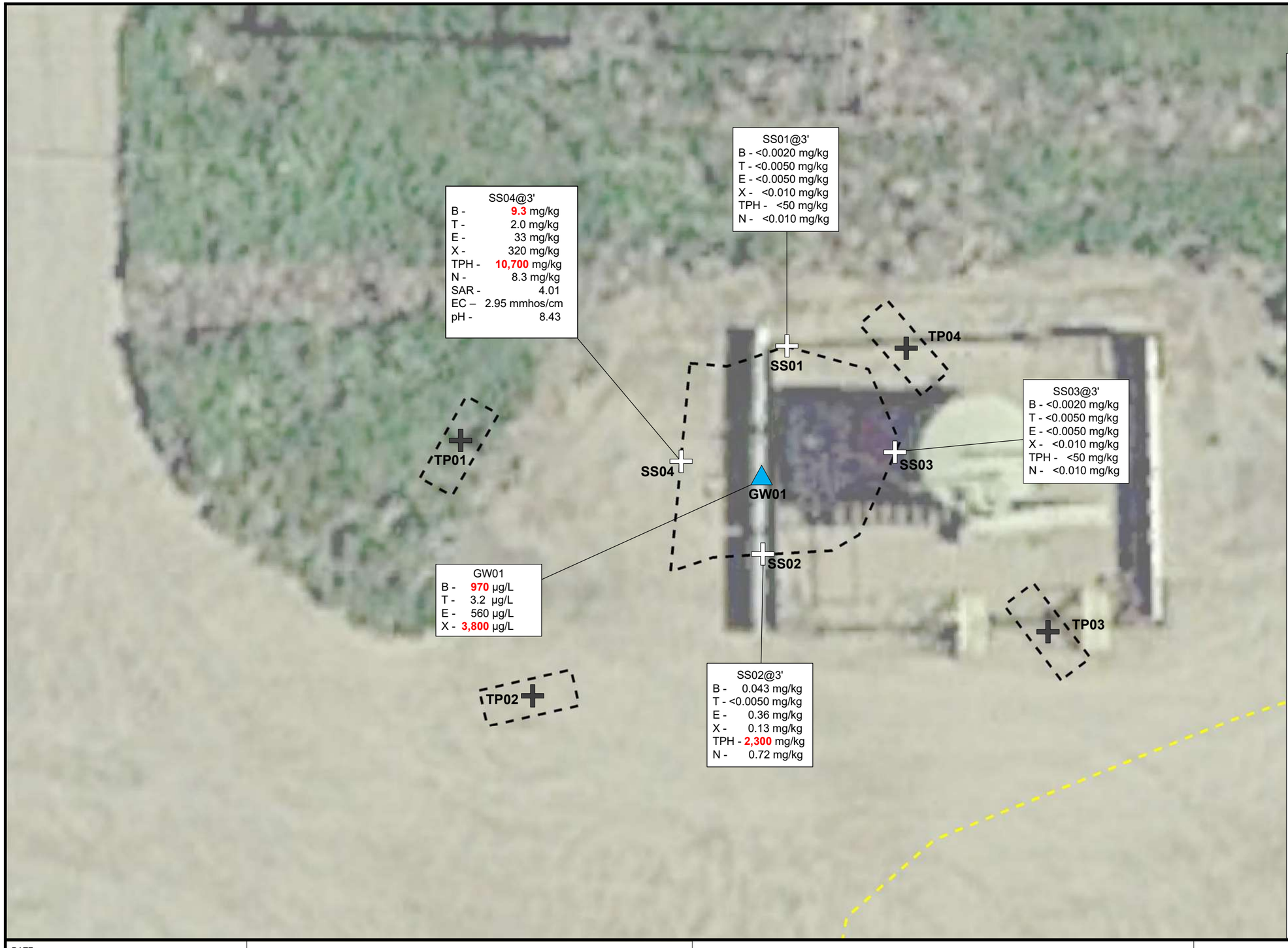

Legend

- Excavation Sample Location
- Excavation Sample Location (Not Submitted for Laboratory Analysis)
- Excavation Groundwater Sample
- Excavation Extent
- DCP Line (Collected via Trimble GPS)

Notes

1) Site Coordinates: 40.210677, -104.584405
2) All locations are approximate unless otherwise noted
3) RED value indicates concentration greater than COGCC table 910-1 standard (see table below).
GPS – Global Positioning System
mg/kg – Milligrams Per Kilogram
mmhos/cm – Millimhos Per Centimeter
µg/L – Micrograms per liter

Soil Contaminant of Concern	COGCC Concentration Standard
B - Benzene	0.17 mg/kg
T - Toluene	85 mg/kg
E - Ethylbenzene	100 mg/kg
X – Total Xylenes	175 mg/kg
TPH- Total Petroleum Hydrocarbons	500 mg/kg
N - Naphthalene	23 mg/kg
SAR – Sodium Absorption Ratio	<12
EC – Electrical Conductivity	<4mmhos/cm or 2x background
pH	6-9
Groundwater Contaminant of Concern	**COGCC Concentration Standard**
B - Benzene	5 ug/L
T - Toluene	560 ug/L
E - Ethylbenzene	700 ug/L
X – Total Xylenes	1,400 ug/L

0 ft. 10 ft. 20 ft. N

Image Source: Google Earth; Google 2016

DATE: 12/10/18
DESIGNED BY: JW
DRAWN BY: MG

TASMAN GEOSCIENCES

Tasman Geosciences, Inc.
6899 Pecos Street – Unit C
Denver, CO 80221

Noble Energy, Inc. – DJ Basin
Duncan D20-12, 20-13 Vault Removal – Location ID:328042
NESE, Section 19, Township 3 North, Range 64 West
Weld County, Colorado

Excavation Soil Analytical Results Map
(12/10/2018)