

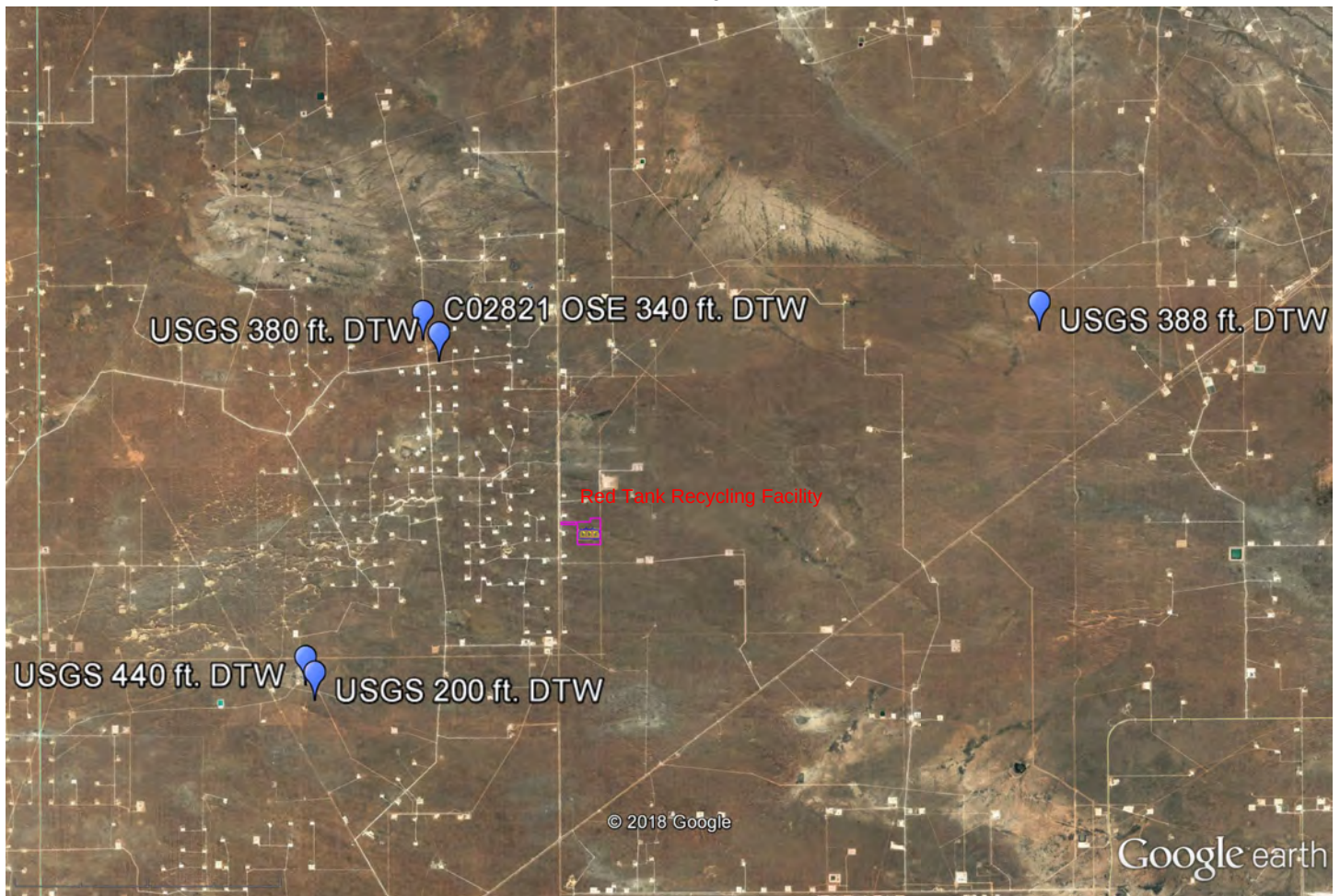


Appendices

Appendix 2 – Red Tank - Recycling Containment Figures and Maps

OSE & USGS Wells

Figure 1a



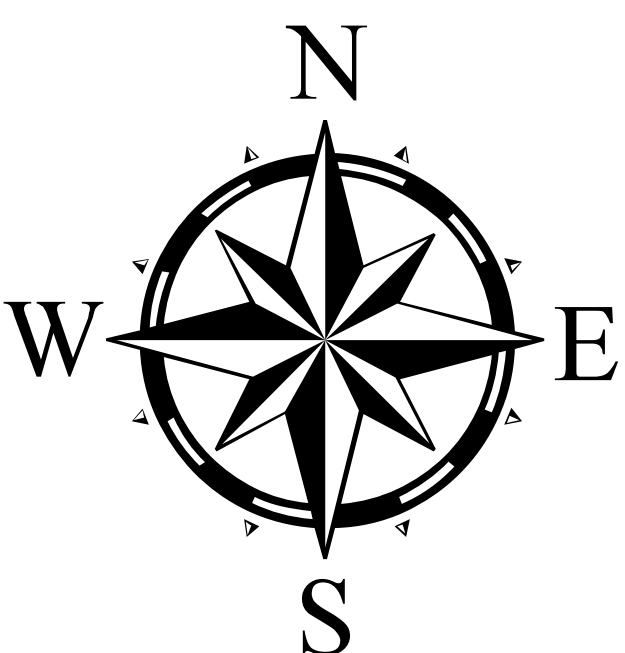
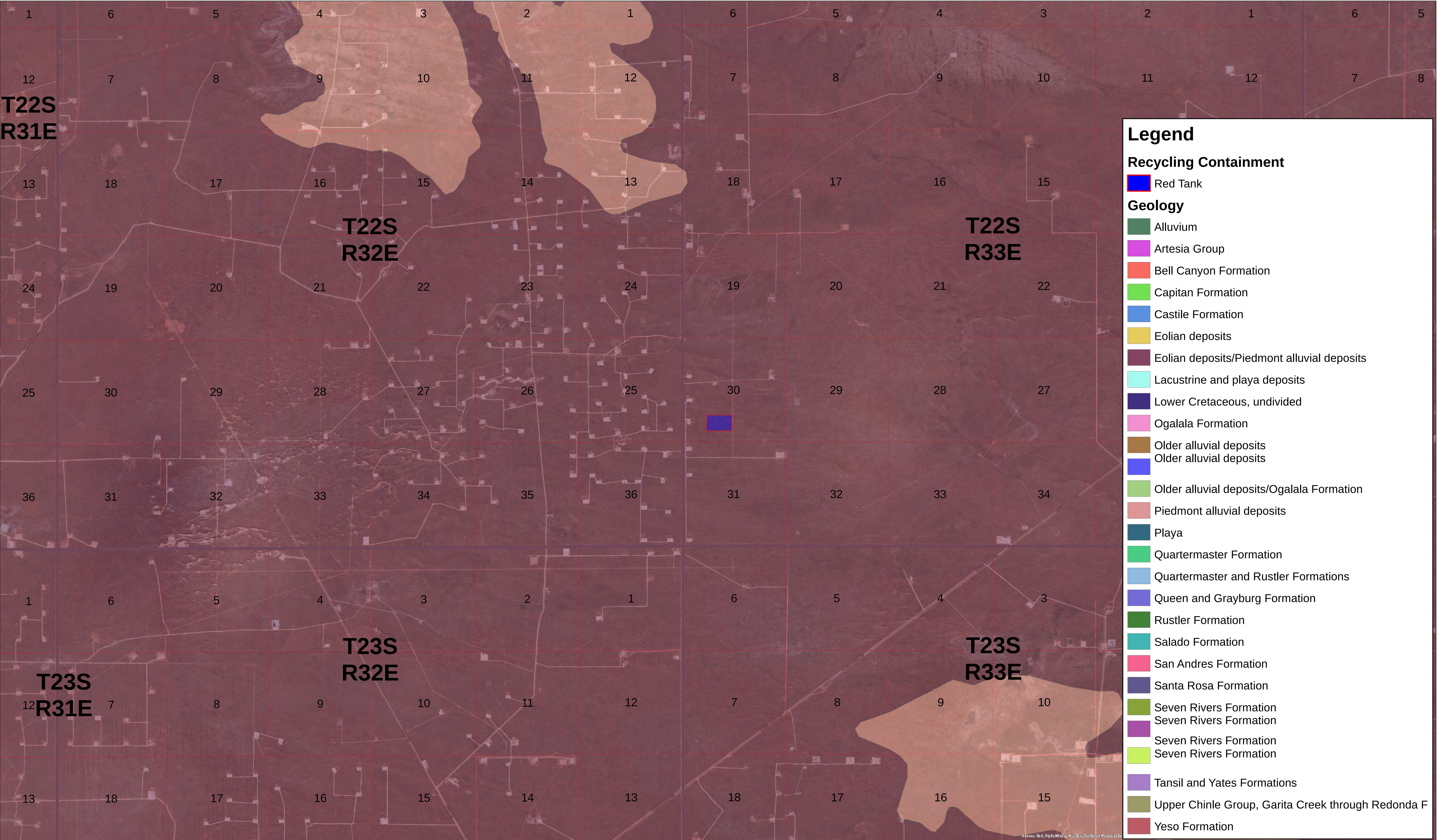
Google Earth Pro

miles 7
km 10



Geologic Map

Figure 1a.1



Data obtained from BLM

1:25,000

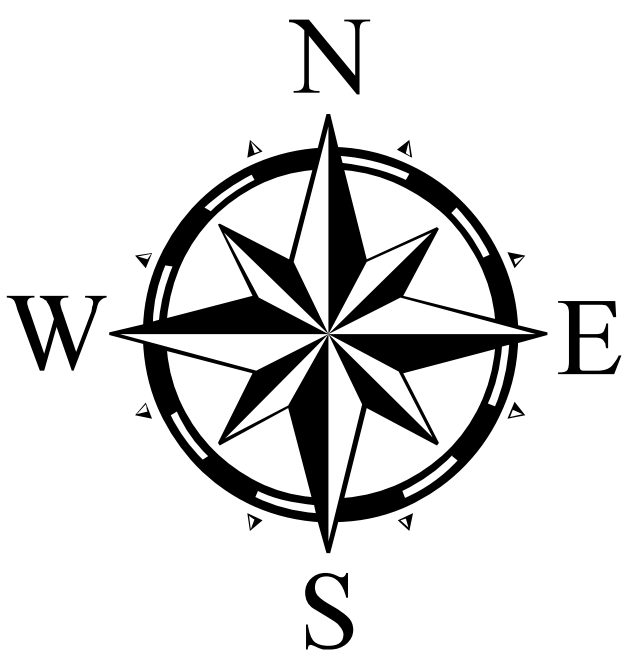
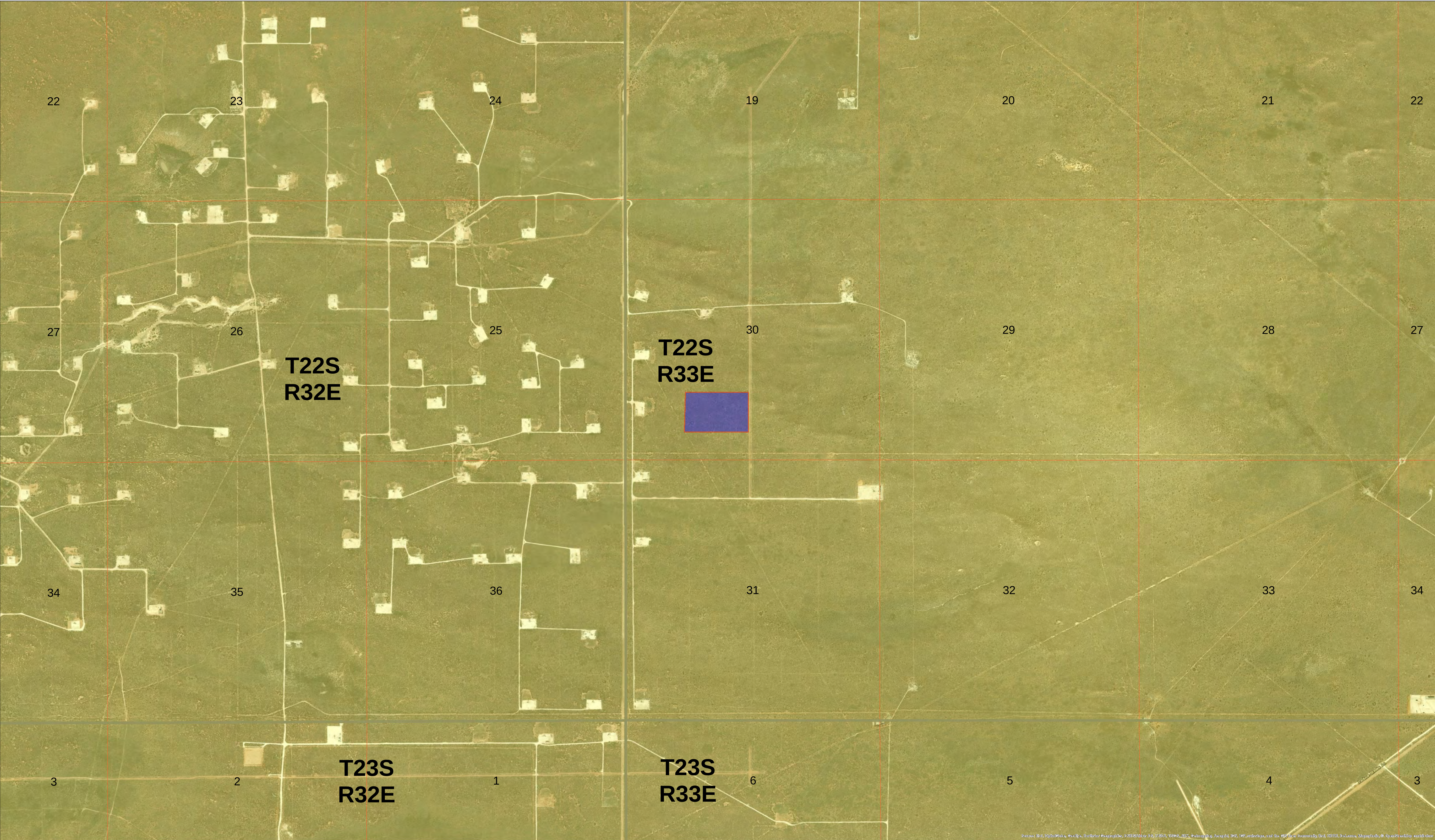
Date: 5/14/2018



Author: Dylan Allen

Aquifer Sensitivity - New Mexico Environment Department

Figure 1b



Data from NMED - Aquifer sensitivity maps prepared for NMED by Lee Wilson and Associates in 1989 have been digitized and are a data layer available on the NMED GIS webmap.
1:10,000

Depth to Ground Water/TDS (mg/L)	2,000 or less	2,000 to 10,000	greater than 10,000
less than 100 feet	highly sensitive	moderately sensitive	moderately sensitive
100-300 feet	moderately sensitive	moderately sensitive	less sensitive
greater than 300 feet	less sensitive	less sensitive	less sensitive

Recycling Containment Date: 5/14/2018

Red Tank

Aquifer Sensitivity

Moderately Sensitive

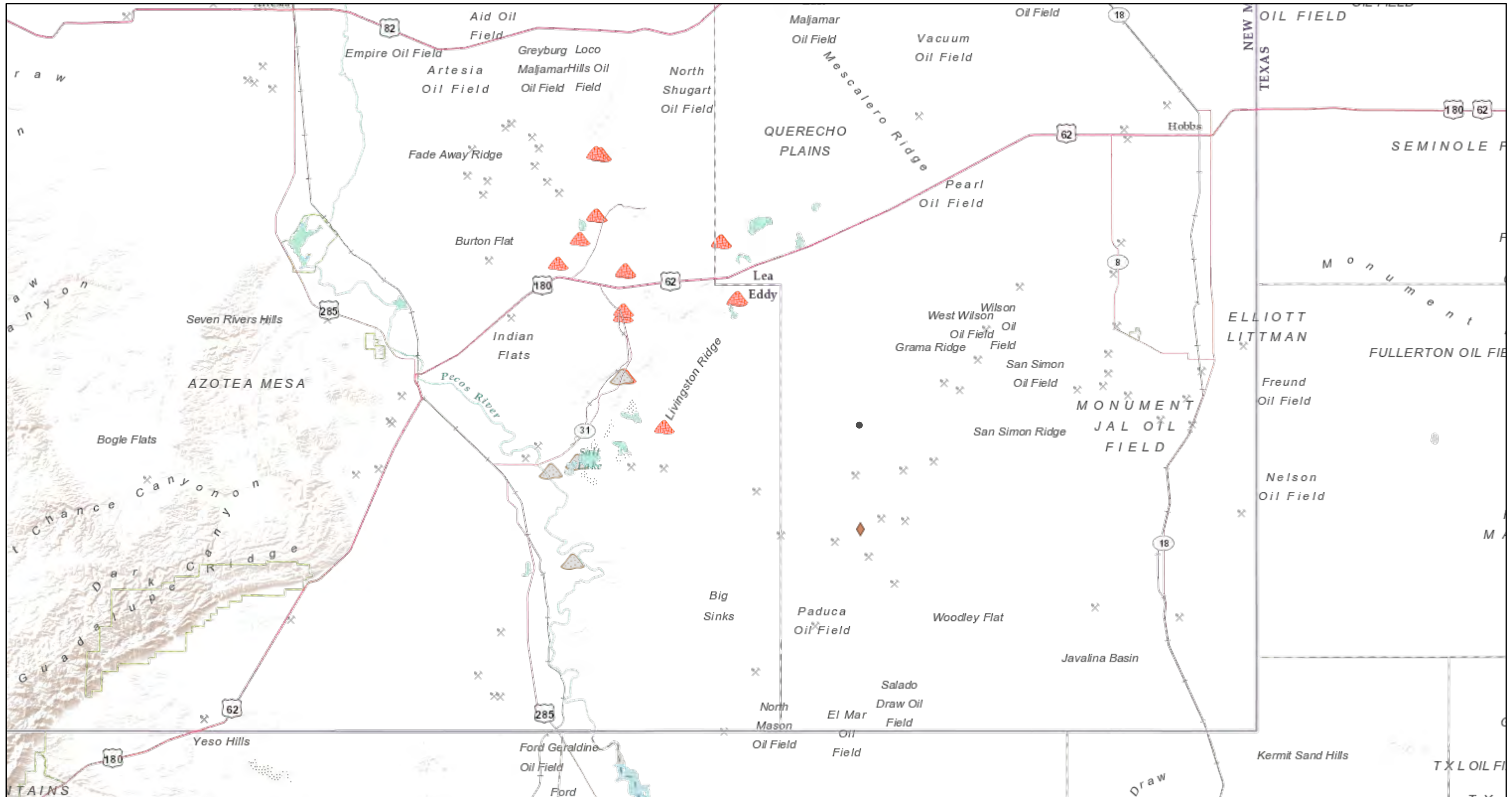
Less Sensitive

Highly Sensitive



Author: Dylan Allen

Active Mines in New Mexico



May 14, 2018

Registered Mines

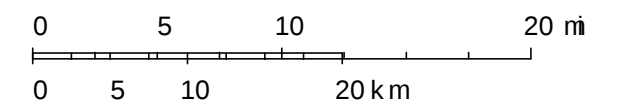
- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Aggregate, Stone etc.

Aggregate, Stone etc. Industrial Minerals (Other)

Aggregate, Stone etc. Potash

Aggregate, Stone etc. Salt

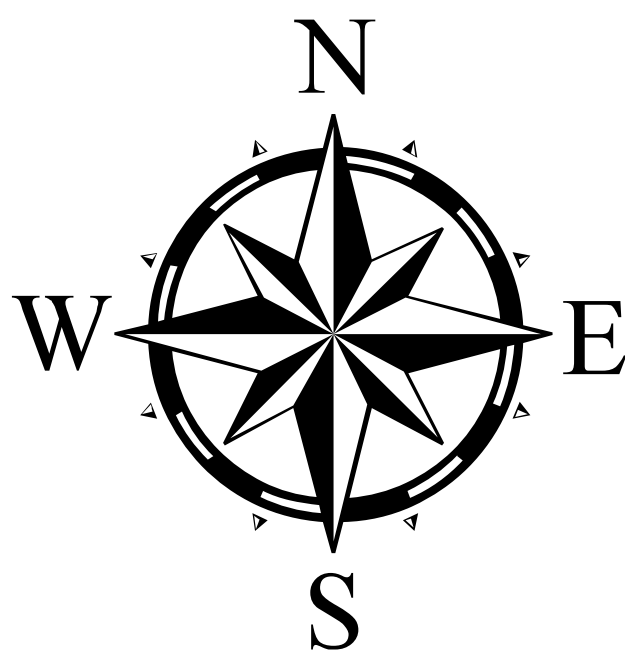
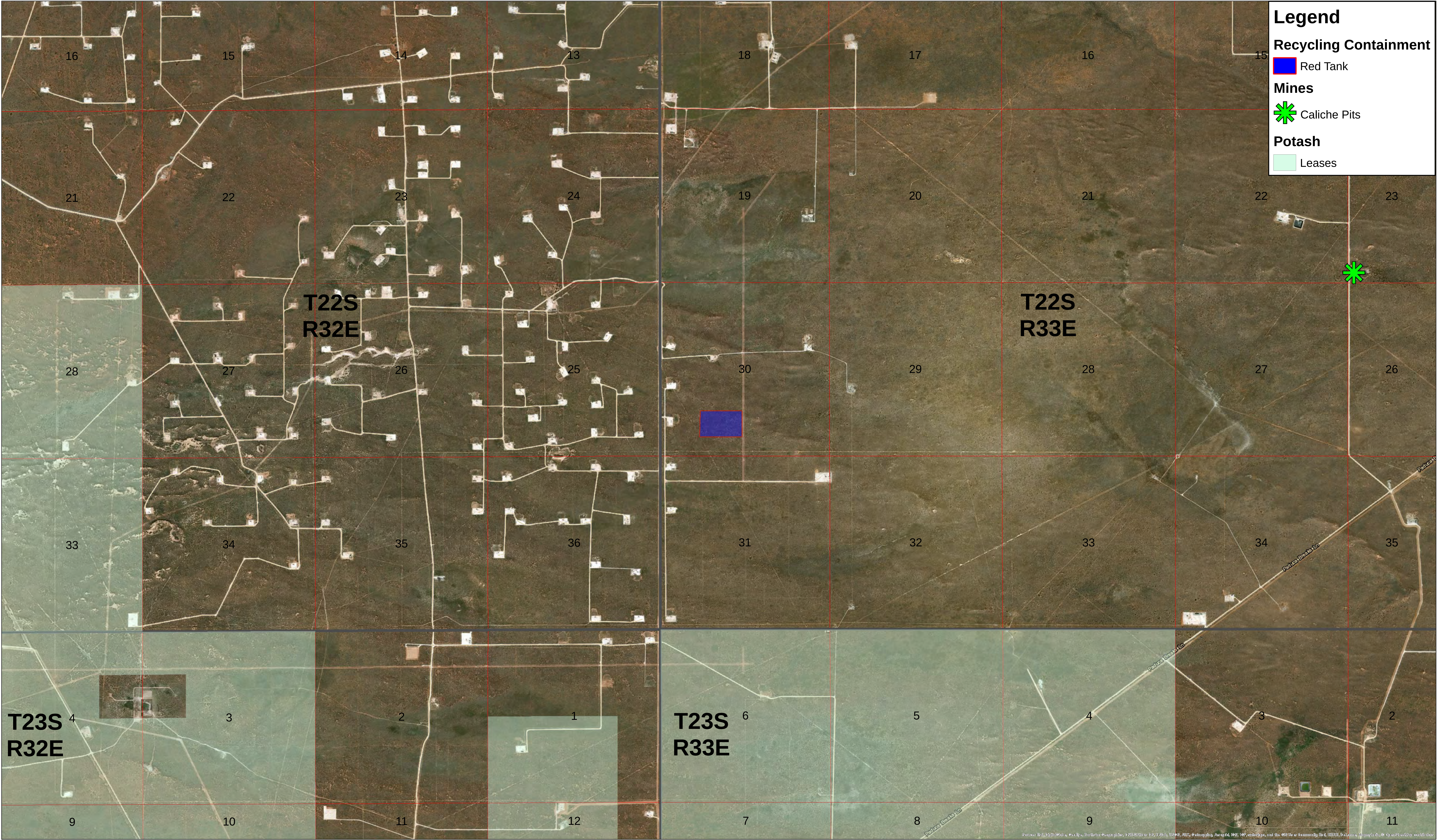
1:577,791



Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

Potash Leases and Caliche Pits

Figure 1d



Layers obtained from the BLM

1:15,000

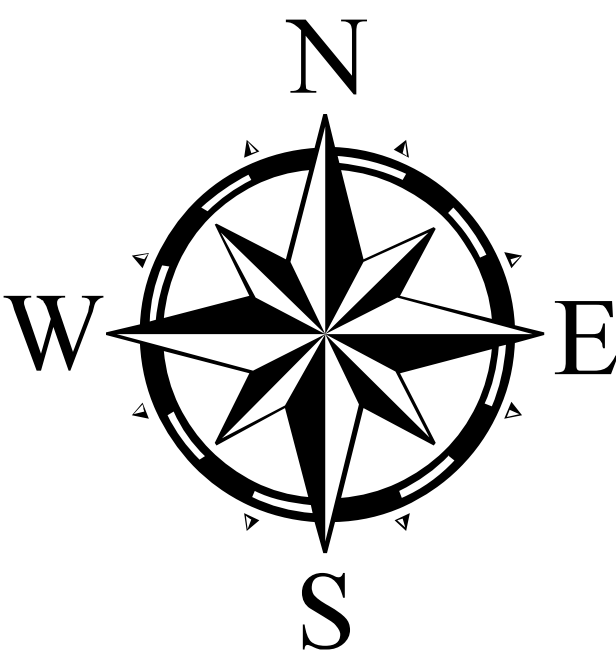
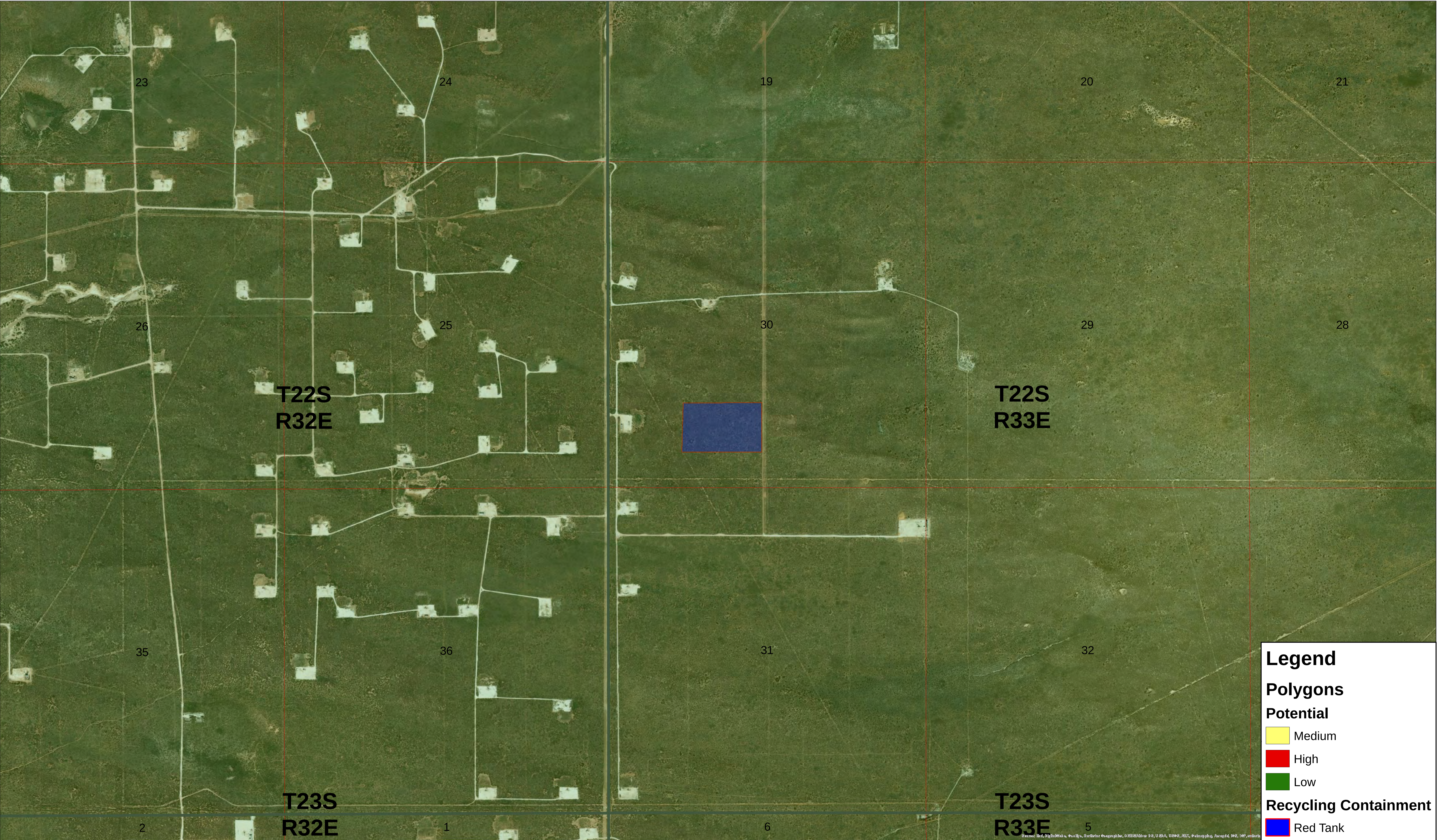
Date: 5/14/2018



Author: Dylan Allen

Karst Potential

Figure 1f



Layers obtained from the BLM

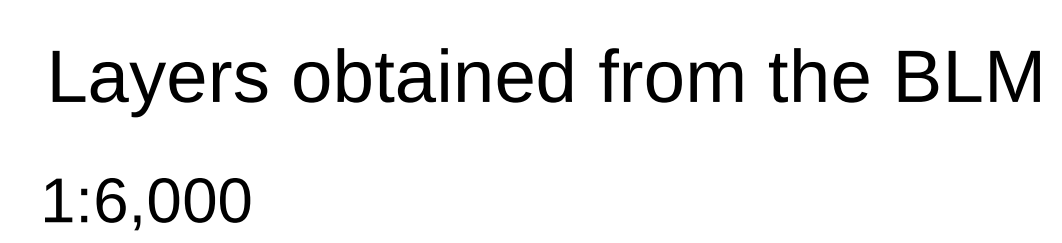
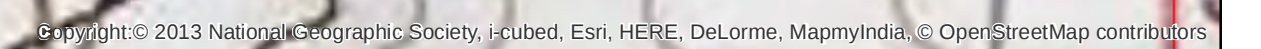
1:8,000

Date: 5/14/2018



Author: Dylan Allen

Figure 1g



Date: 5/14/2018

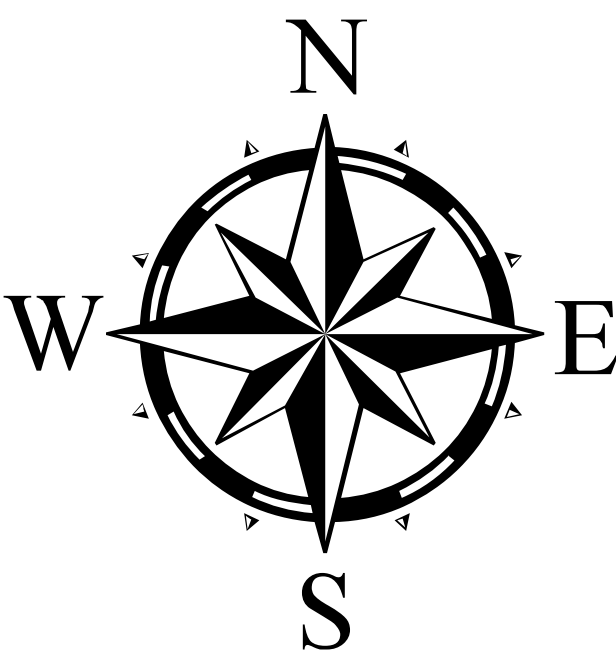
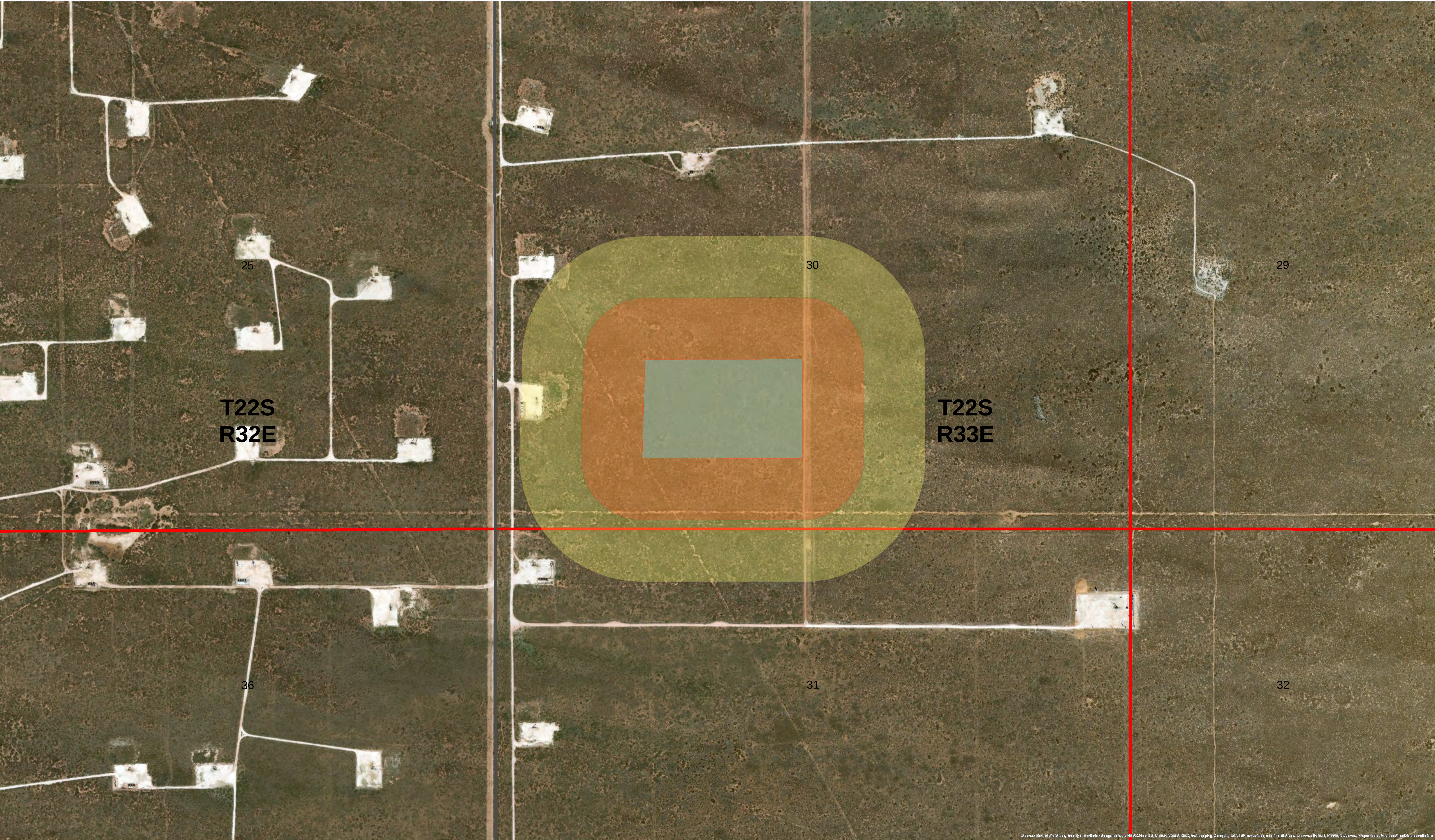
BLM



Author: Dylan Allen

Nearby Structures

Figure 1h



1:4,000

- 1000 ft. Buffer
- 500 ft. Buffer
- Recycling Containment - Red Tank

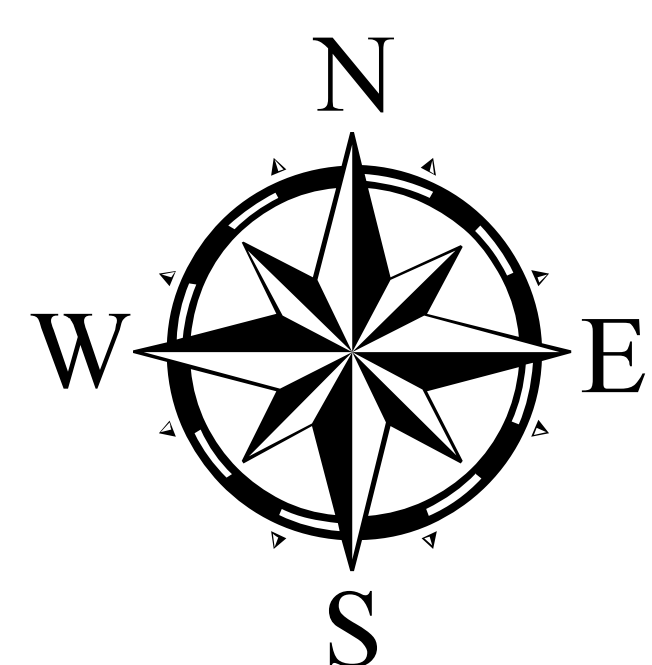
Date: 5/14/2018



Author: Dylan Allen

Wetlands

Figure 1i



Layers obtained from the US Fish and Wildlife Wetland Identification Map
1:6,000

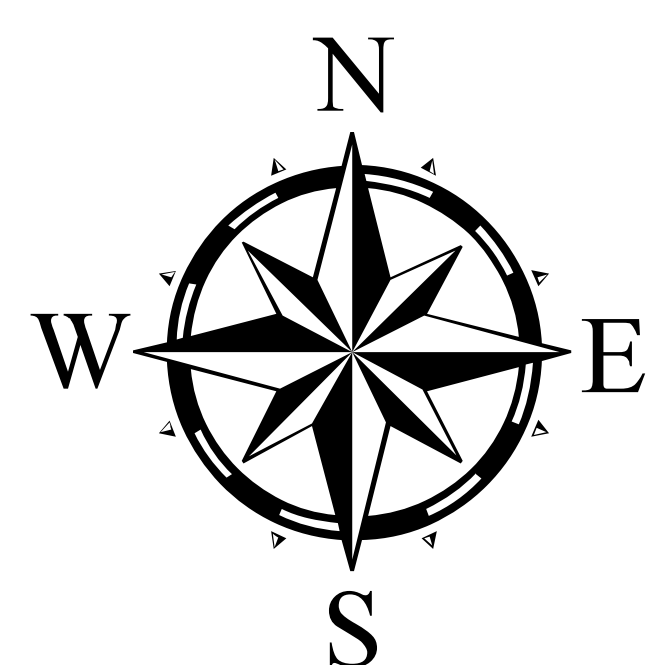
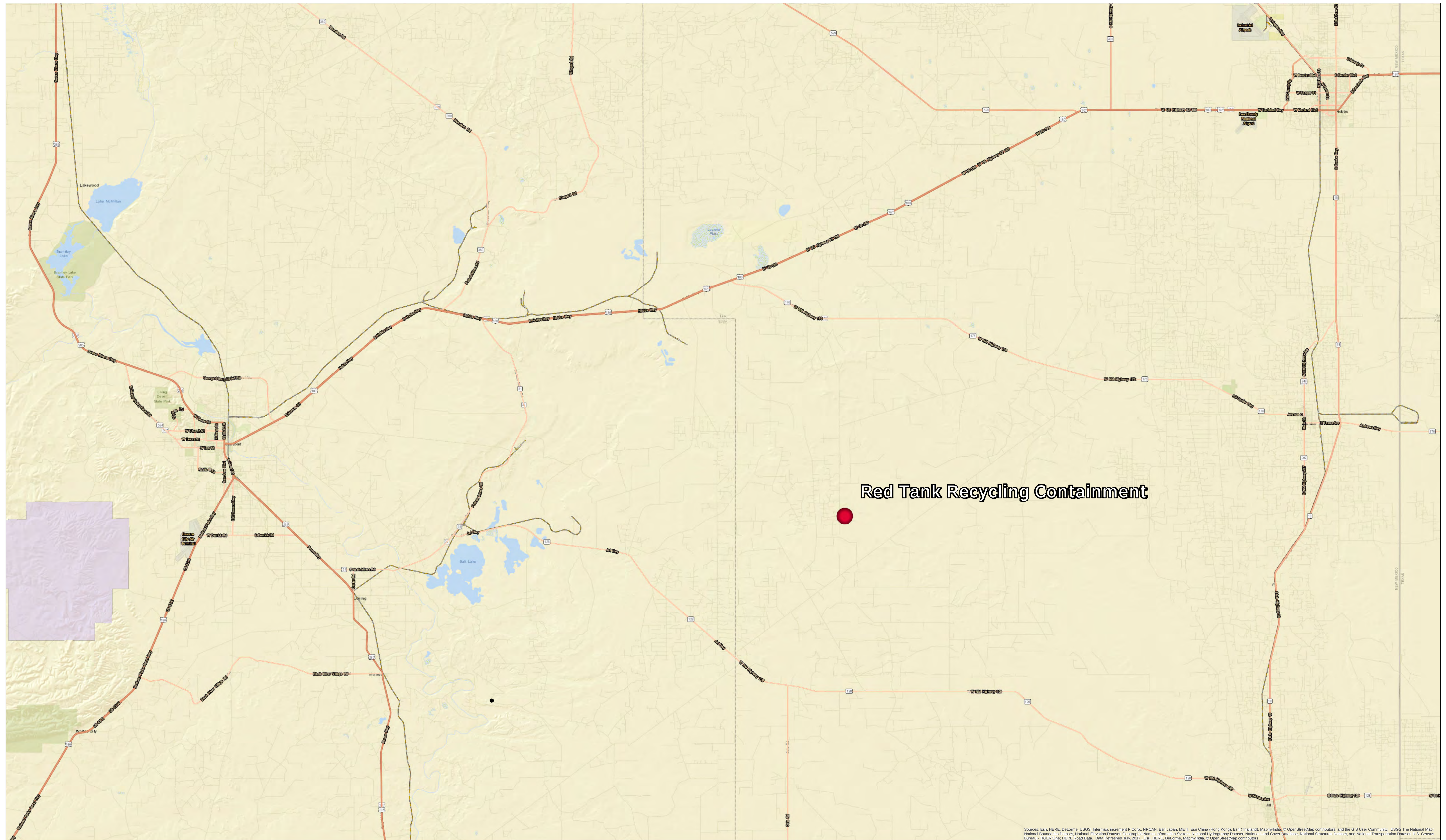
Date: 5/14/2018



Author: Dylan Allen

Municipalities/Defined Fresh Water Well Fields

Figure 1j



Layers obtained from the City of Carlsbad

1:150,000

Recycling Containment

 Red Tank

 Double Eagle Wellfield

 Sheep Draw

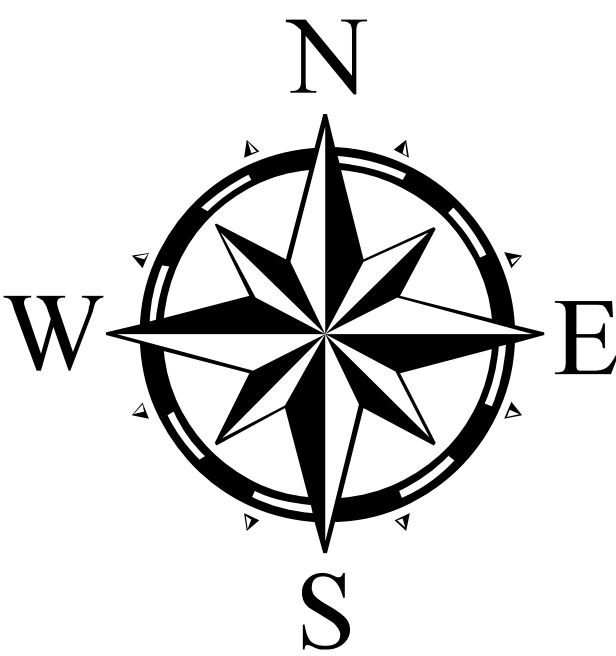
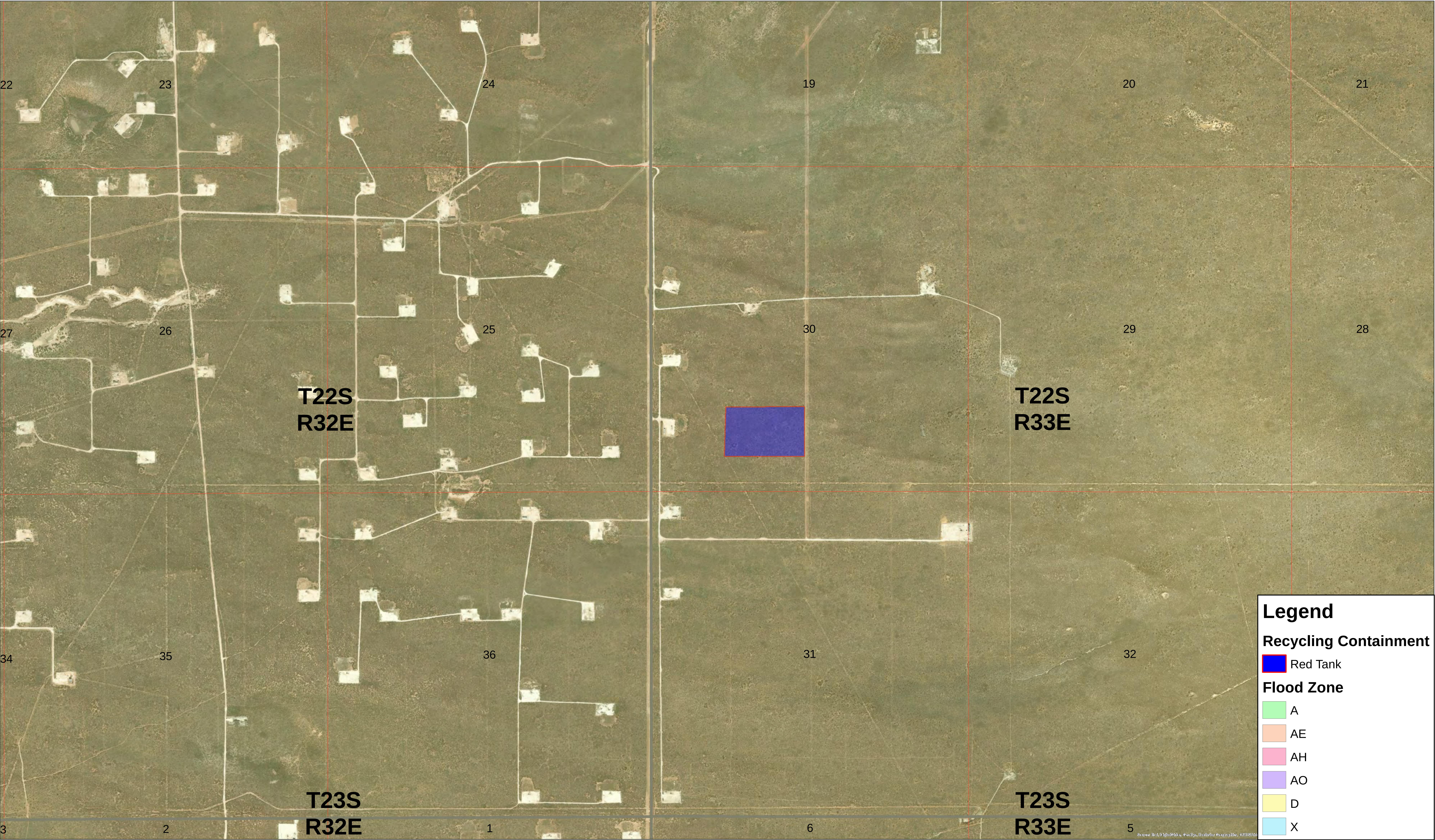


Author: Dylan Allen

Date: 5/14/2018

FEMA Flood Zones

Figure 1k



Layers obtained from the BLM
1:8,000

Date: 5/14/2018



Author: Dylan Allen