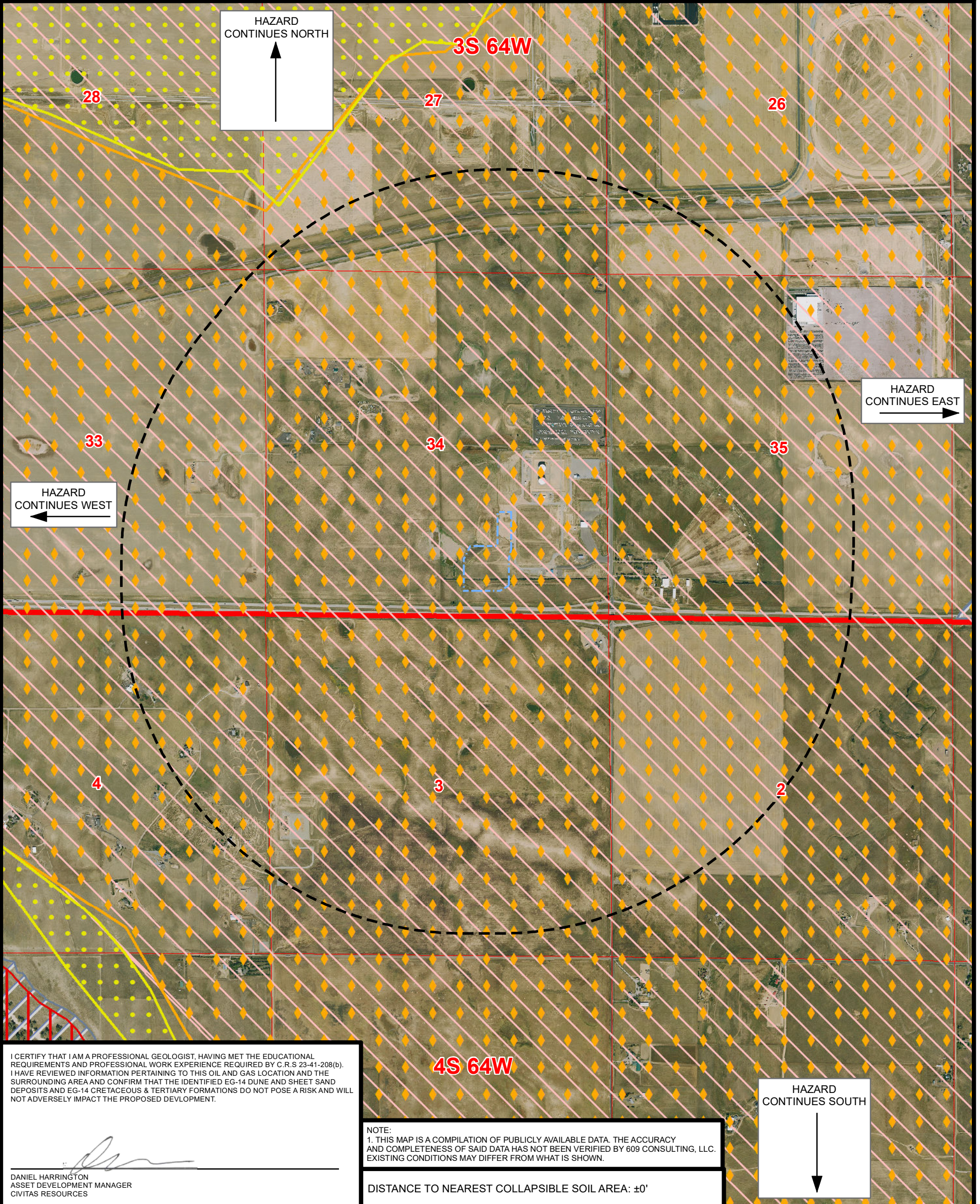


GEOLOGIC HAZARD MAP BENNETT D PAD

SECTION 34, TOWNSHIP 3 SOUTH, RANGE 64 WEST, 6TH P.M., ADAMS COUNTY, COLORADO
















I CERTIFY THAT I AM A PROFESSIONAL GEOLOGIST, HAVING MET THE EDUCATIONAL REQUIREMENTS AND PROFESSIONAL WORK EXPERIENCE REQUIRED BY C.R.S 23-41-208(b). I HAVE REVIEWED INFORMATION PERTAINING TO THIS OIL AND GAS LOCATION AND THE SURROUNDING AREA AND CONFIRM THAT THE IDENTIFIED EG-14 DUNE AND SHEET SAND DEPOSITS AND EG-14 CRETACEOUS & TERTIARY FORMATIONS DO NOT POSE A RISK AND WILL NOT ADVERSELY IMPACT THE PROPOSED DEVELOPMENT.


DANIEL HARRINGTON
ASSET DEVELOPMENT MANAGER
CIVITAS RESOURCES

NOTE:
1. THIS MAP IS A COMPILATION OF PUBLICLY AVAILABLE DATA. THE ACCURACY AND COMPLETENESS OF SAID DATA HAS NOT BEEN VERIFIED BY 609 CONSULTING, LLC. EXISTING CONDITIONS MAY DIFFER FROM WHAT IS SHOWN.

DISTANCE TO NEAREST COLLAPSIBLE SOIL AREA: ±0'

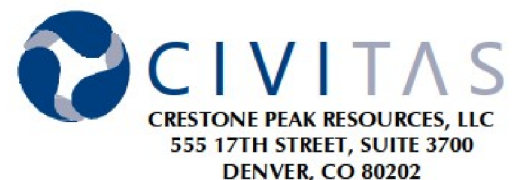
Legend

-  PROPOSED WORKING PAD SURFACE
-  ONE MILE BUFFER - WORKING PAD SURFACE
-  100-YEAR FLOODWAY (EFFECTIVE)
-  100-YEAR FLOODPLAIN (EFFECTIVE)
-  FAULT LINES
-  EG-14 EOLIAN (WIND-BLOWN) DEPOSITS
-  EG-14 DUNE AND SHEET SAND DEPOSITS
-  EG-14 CRETACEOUS AND TERTIARY FORMATIONS
-  RADIOACTIVITY (SOURCE: CGS)
-  EARTHQUAKES (1973-PRESENT) (SOURCE: CGS)
-  COAL MINE (SOURCE: CGS)
-  COAL MINE UNDERMINED AREA (2012)(SOURCE: CGS)
-  LANDSLIDES (SOURCE: CGS)

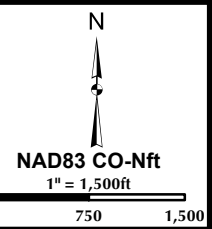
Data Sources

ECMC
GIS ONLINE: https://cogccmap.state.co.us/cogcc_gis_online/
FEMA
FLOOD ZONES: <https://msc.fema.gov/portal/advanceSearch>
CGS
EARTHQUAKES/FAULT LINES: <https://cgsarcimage.mines.edu/ON-001/>
RADIOACTIVITY: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=c5381e1335284d63bfa5d4b018b3372f>
LANDSLIDES: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=9dd73db7bc34139abe51599396e2648>
COAL MINES: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=1891e3149eda44af9dc8af81c4dc58a8>
COLLAPSIBLE SOILS: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=a6f816b35fb64d3da096e84af661f070>

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1095 Saberton Avenue
Sheridan, Wyoming 82801
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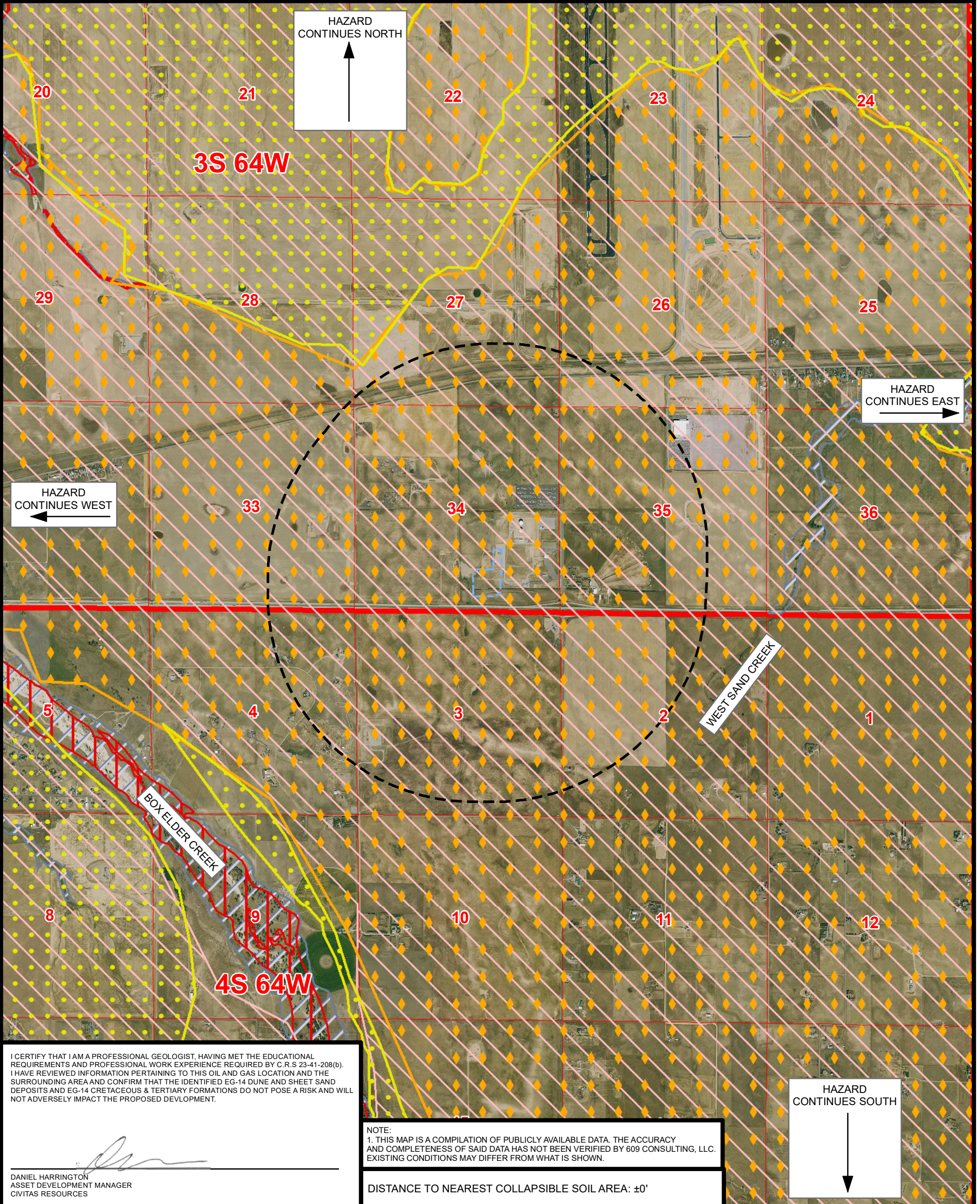


Drawn by: CPS Date: 17 Oct 2024
Revised: Date:

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GEOLOGIC HAZARD MAP BENNETT D PAD

SECTION 34, TOWNSHIP 3 SOUTH, RANGE 64 WEST, 6TH P.M., ADAMS COUNTY, COLORADO








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DANIEL HARRINGTON
ASSET DEVELOPMENT MANAGER
CIVITAS RESOURCES

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DISTANCE TO NEAREST COLLAPSIBLE SOIL AREA: ±0'

Legend

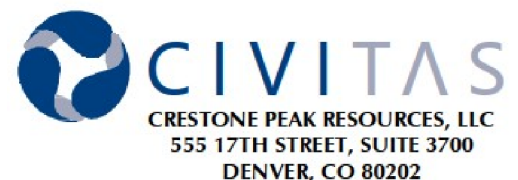
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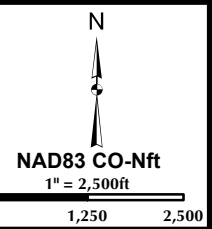
Data Sources

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LANDSLIDES: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=9dd73db7bc34139abe51599396e2648>
COAL MINES: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=1891e3149eda44af9dc8af81c4dc58a8>
COLLAPSIBLE SOILS: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=a6f816b35fb64d3da096e84af661f070>

Prepared For:



Drawn by: CPS Date: 17 Oct 2024
Revised: Date:



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