





Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  10-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

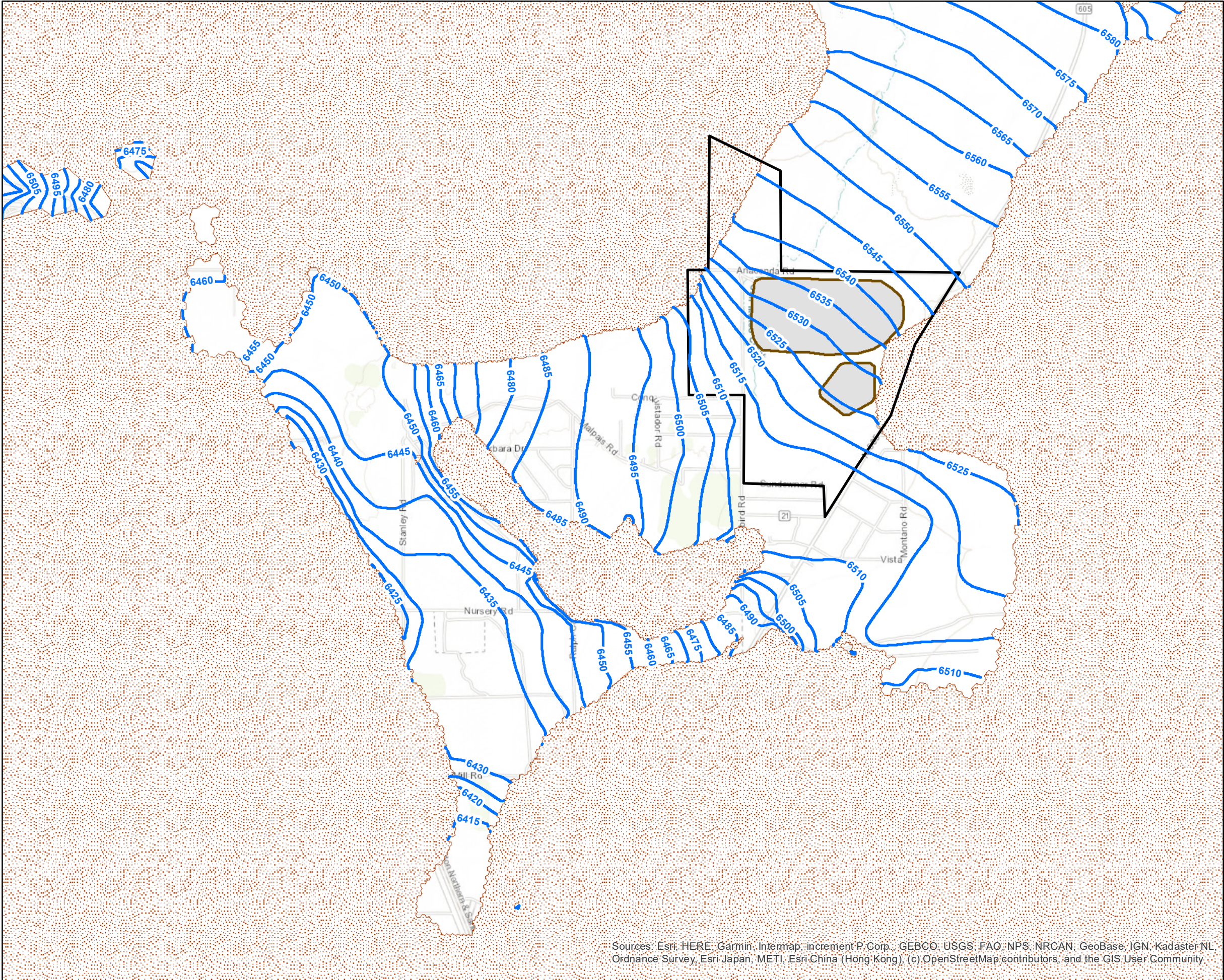


**10 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Natural Attenuation**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-1	Appv'd By:	KKZ





FIGURE C-1



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

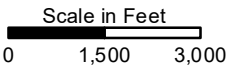


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  20-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

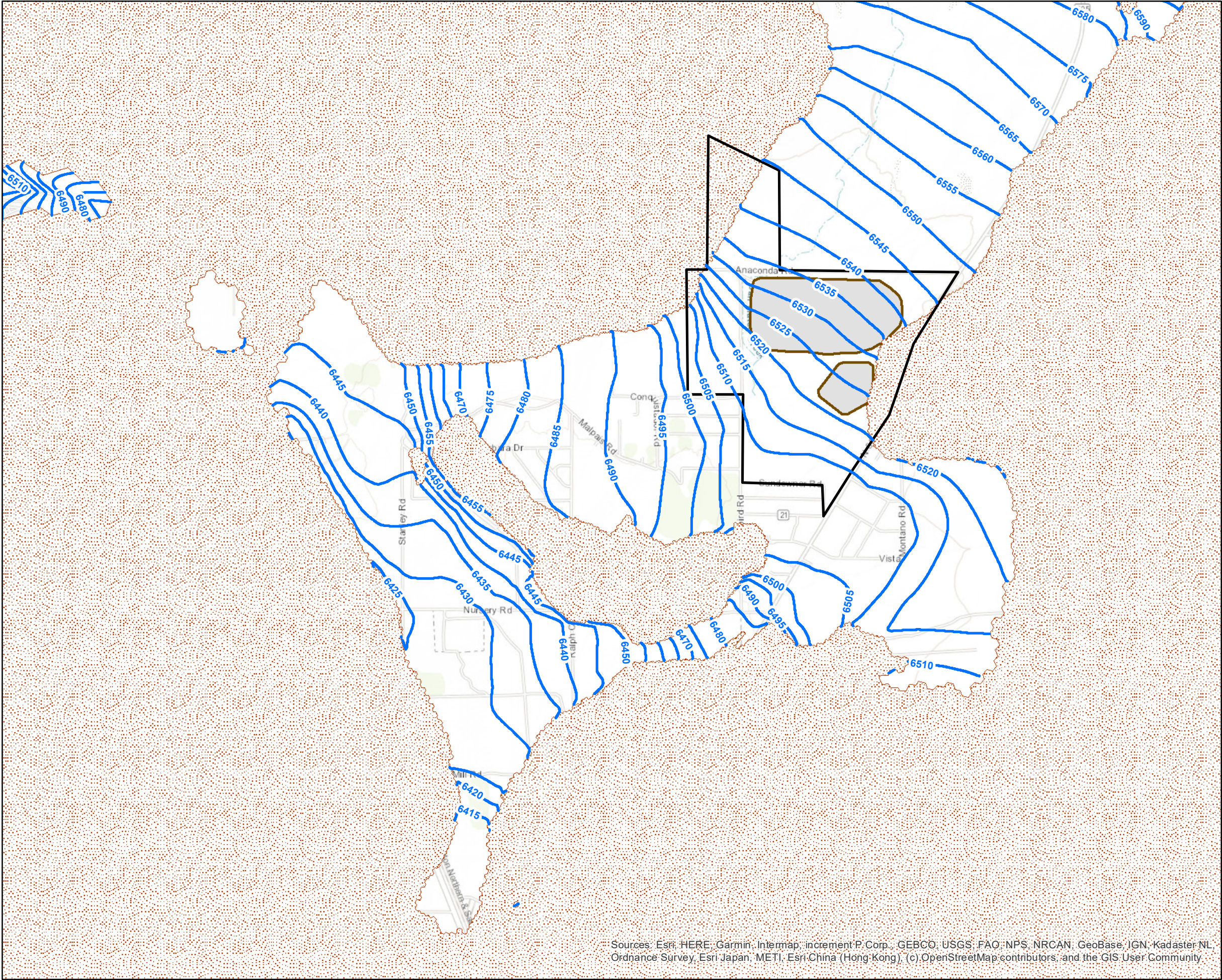


20 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Natural Attenuation

Grants Reclamation Project
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Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-2	Appv'd By:	KKZ

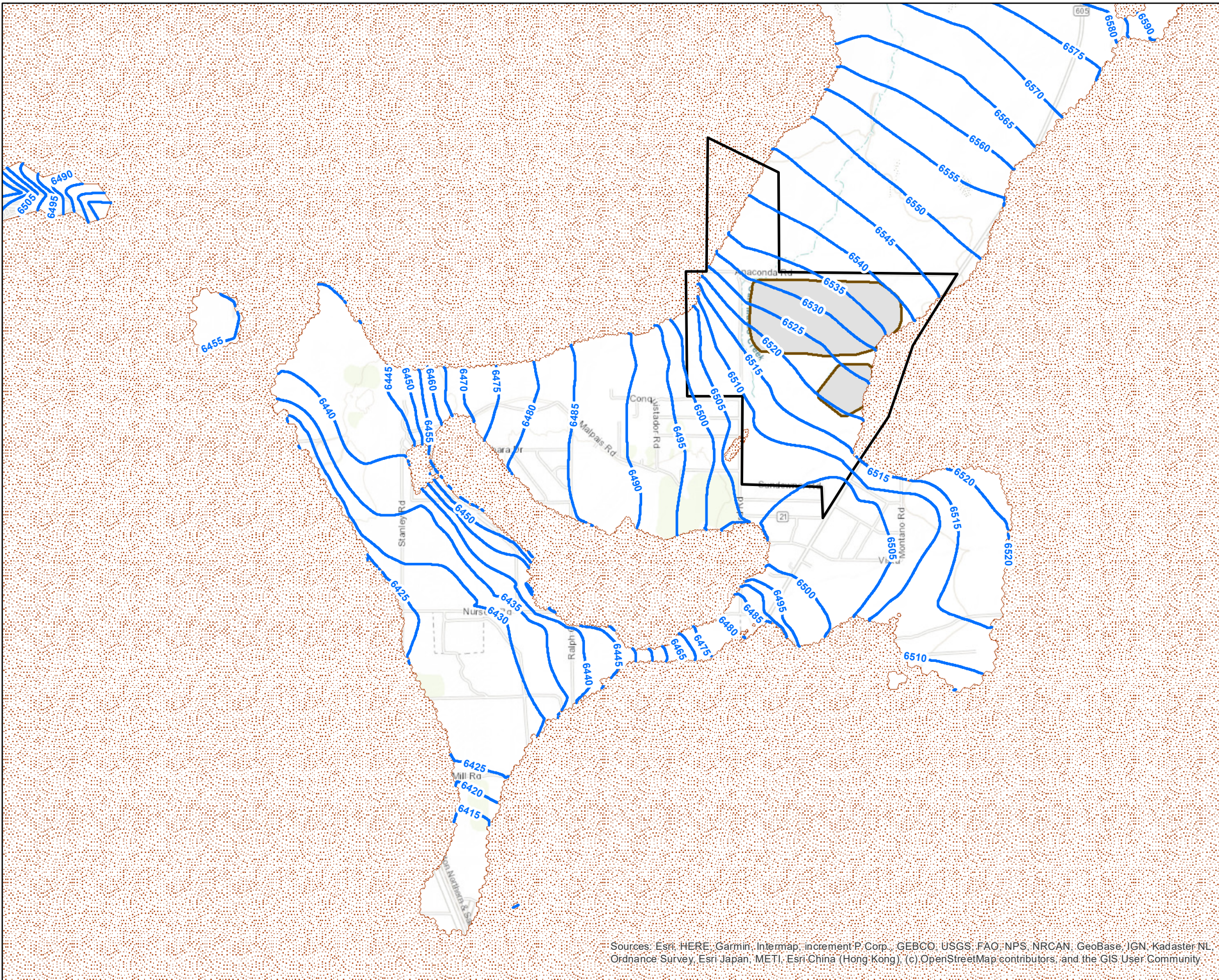
FIGURE C-2



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

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Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-3	Appv'd By:	KKZ





FIGURE C-3



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

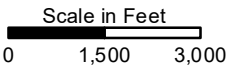


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  40-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

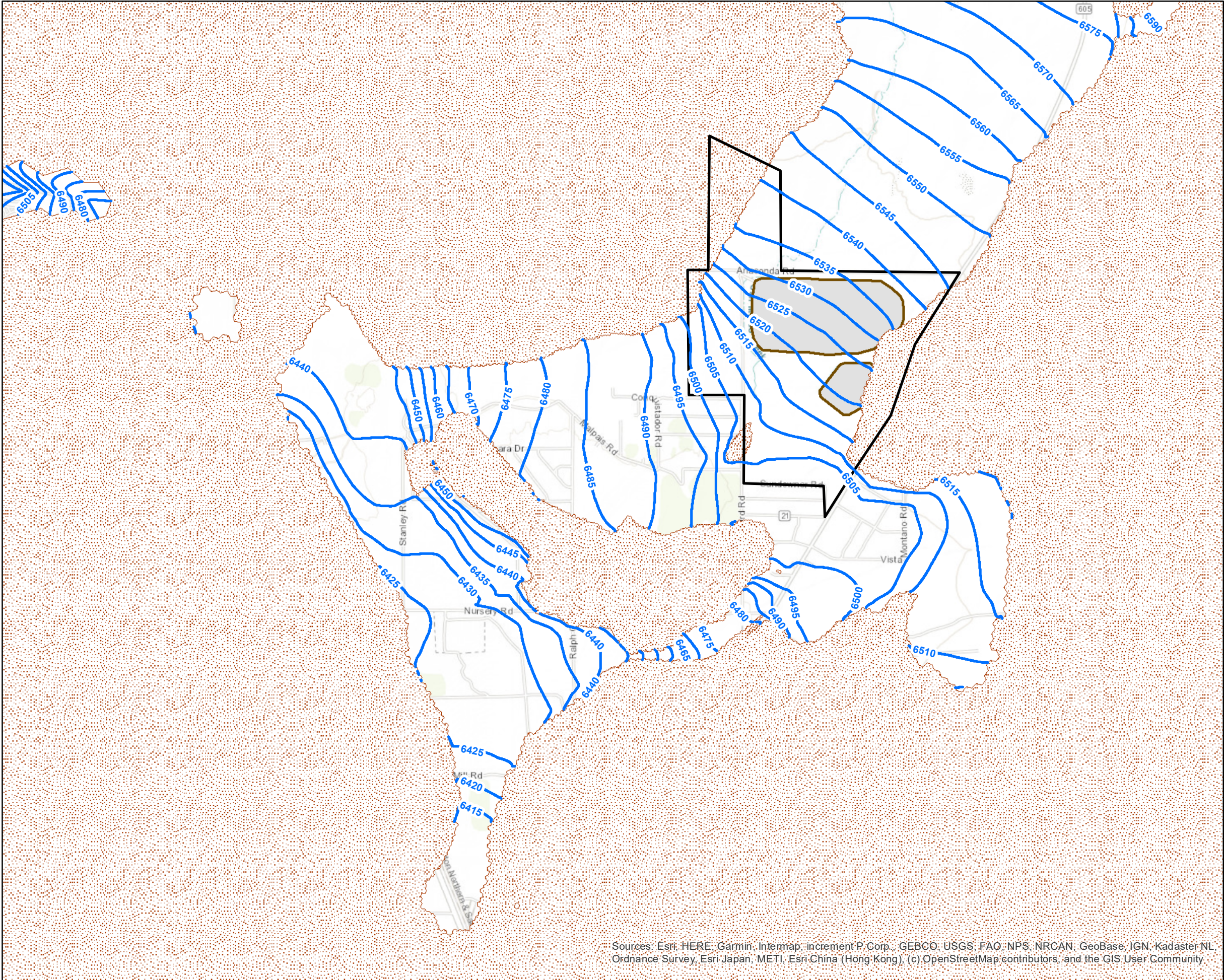


**40 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Natural Attenuation**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
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Map ID:	FigureC-4	Appv'd By:	KKZ





FIGURE C-4



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

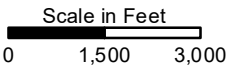


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  50-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

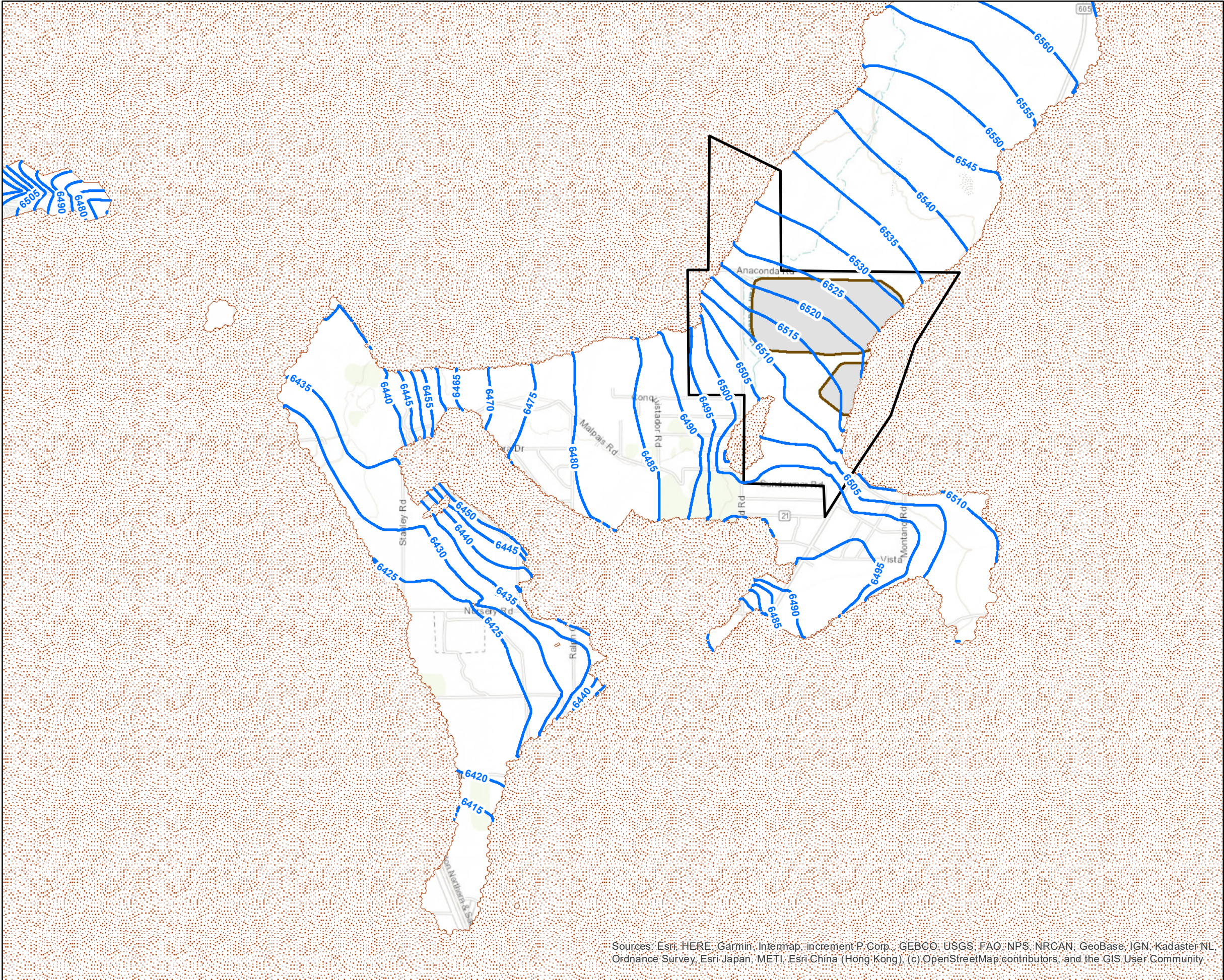


50 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Natural Attenuation





Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-5	Appv'd By:	KKZ

FIGURE C-5



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  100-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000



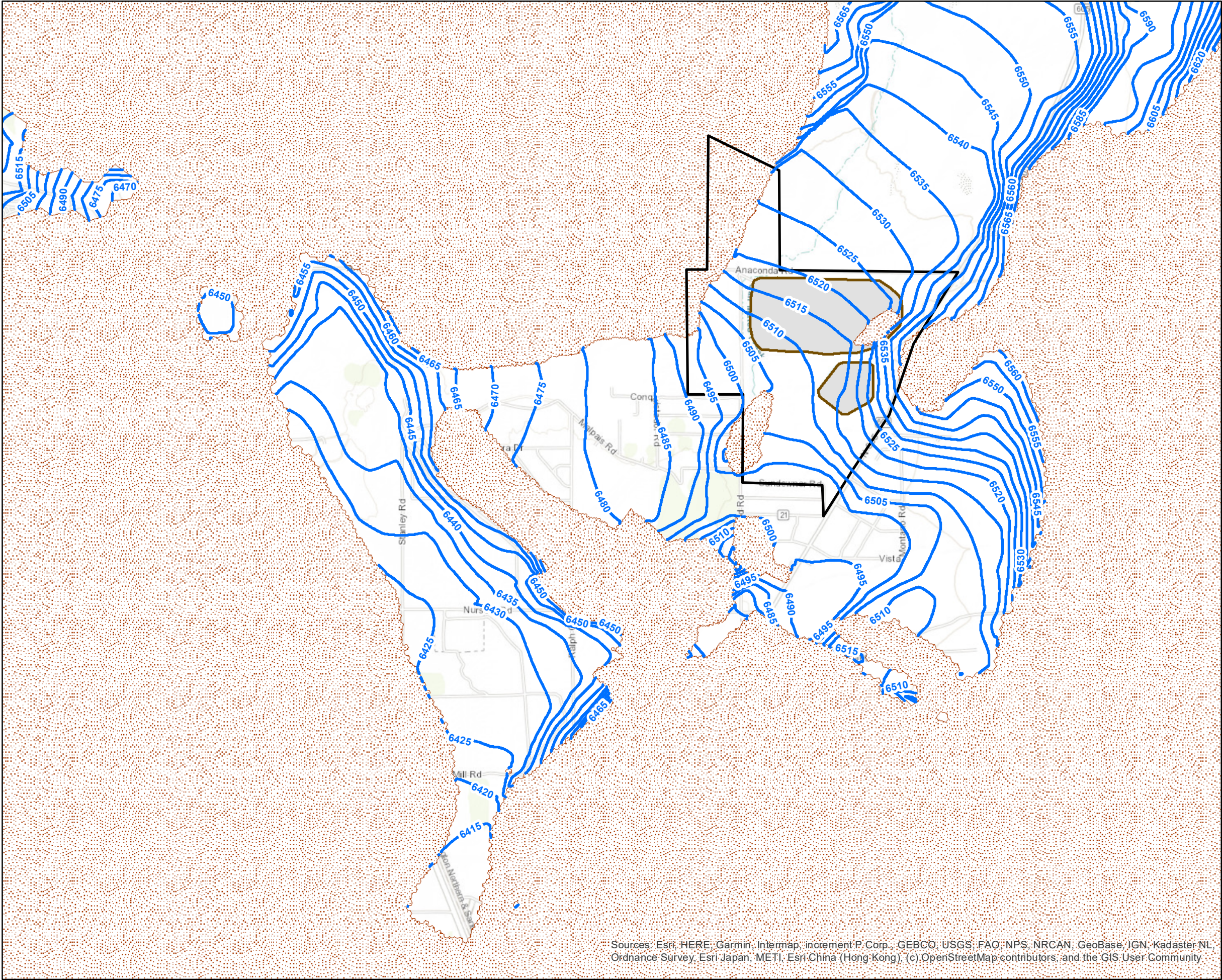
100 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Natural Attenuation

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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-6	Appv'd By:	KKZ

FIGURE C-6





Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  150-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

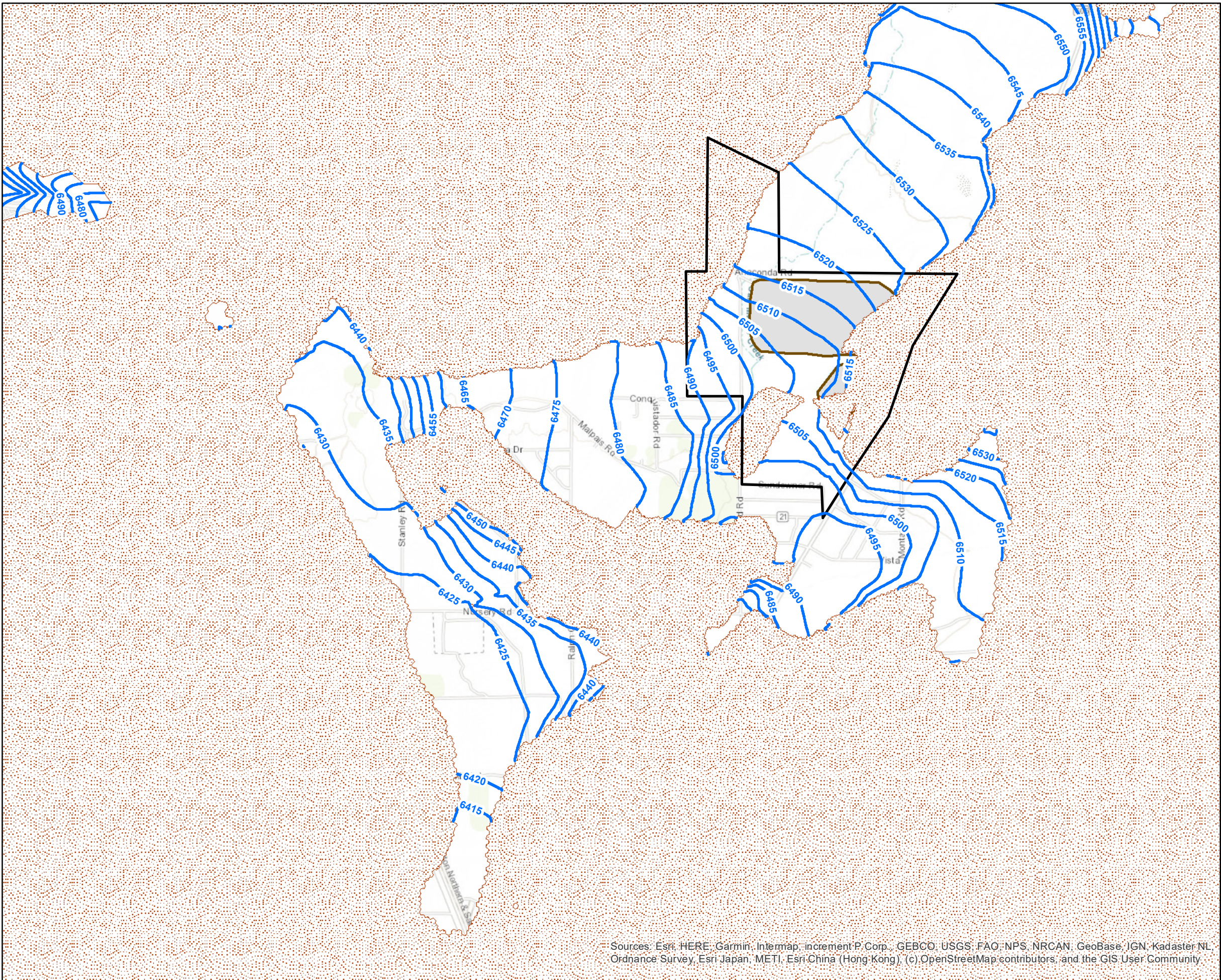


150 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Natural Attenuation

Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-7	Appv'd By:	KKZ





FIGURE C-7



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

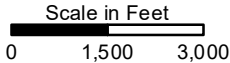


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  200-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

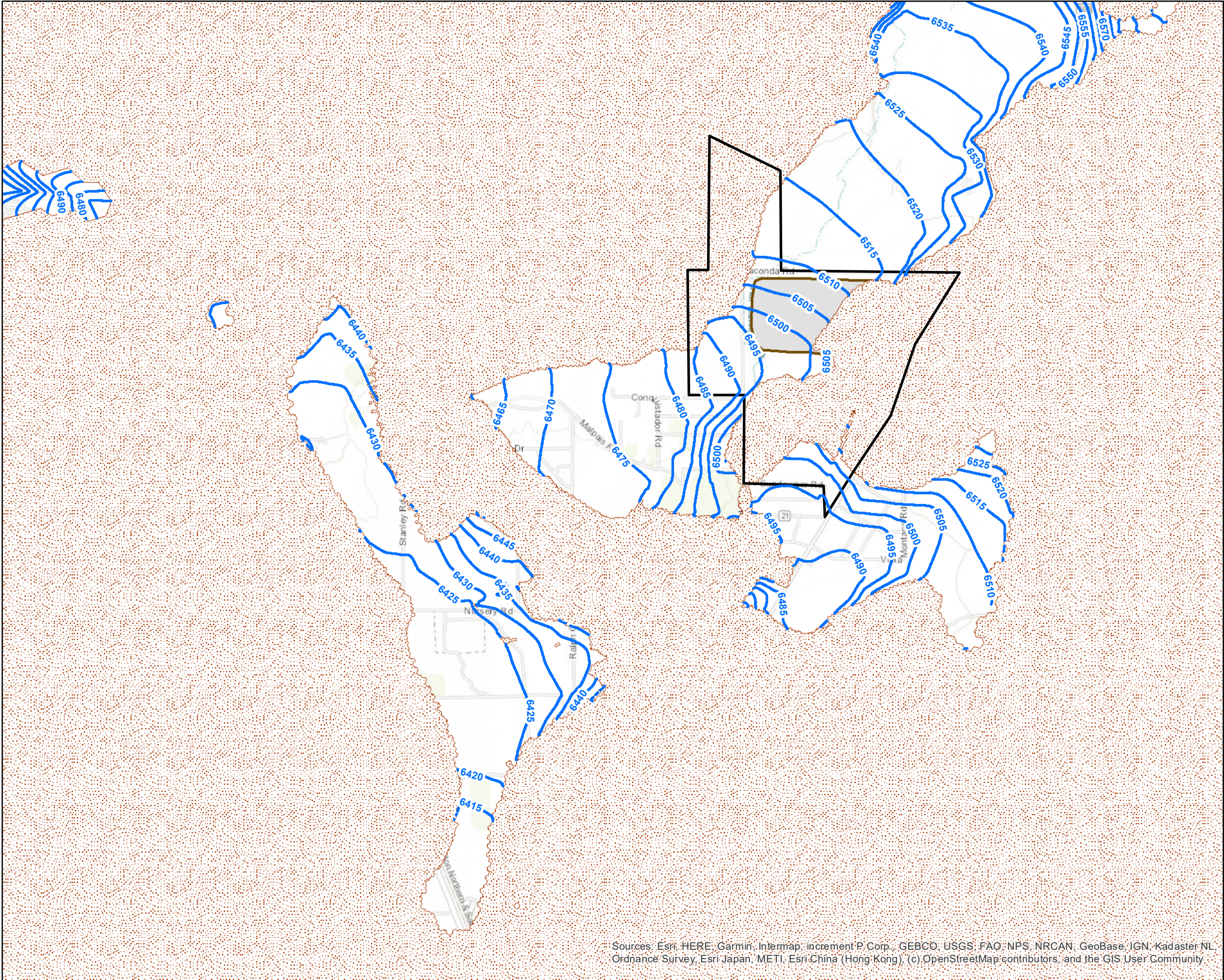


200 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Natural Attenuation





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Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-8	Appv'd By:	KKZ

FIGURE C-8

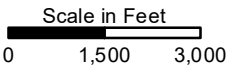


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  400-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

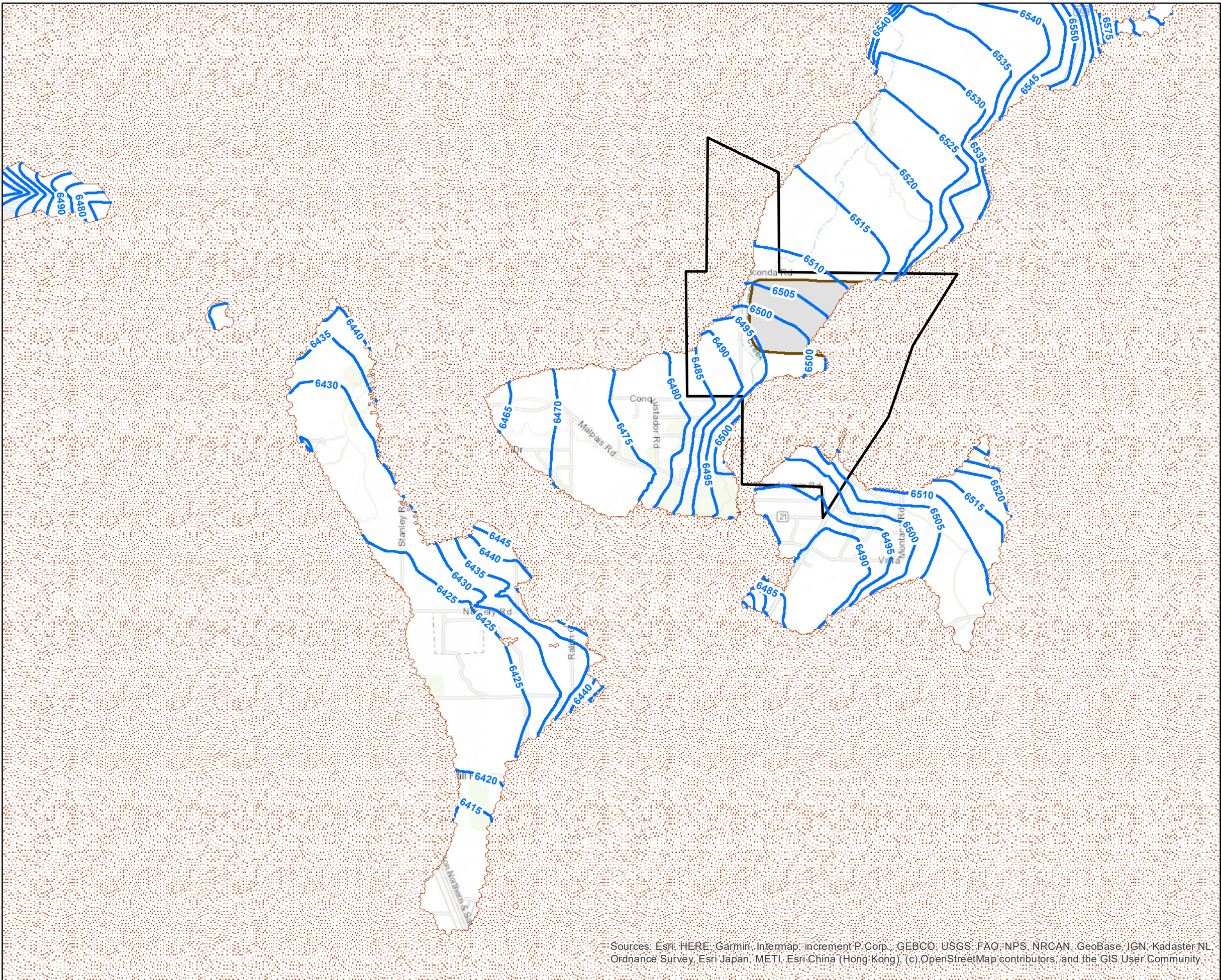


400 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Natural Attenuation





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Map ID:	FigureC-9	Appv'd By:	KKZ

FIGURE C-9



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  800-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000



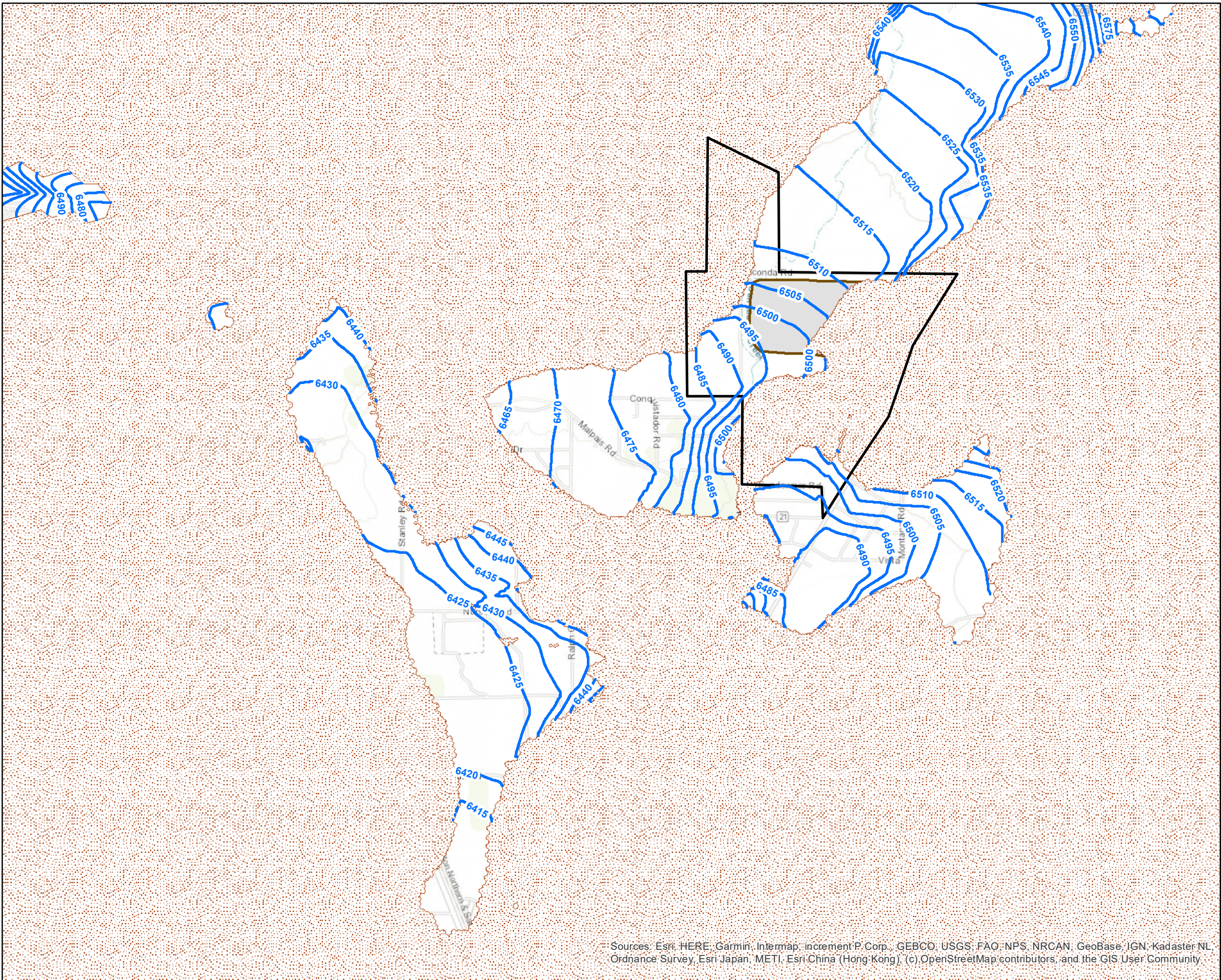
800 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Natural Attenuation

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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-10	Appv'd By:	KKZ

FIGURE C-10





Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

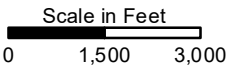


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  1000-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

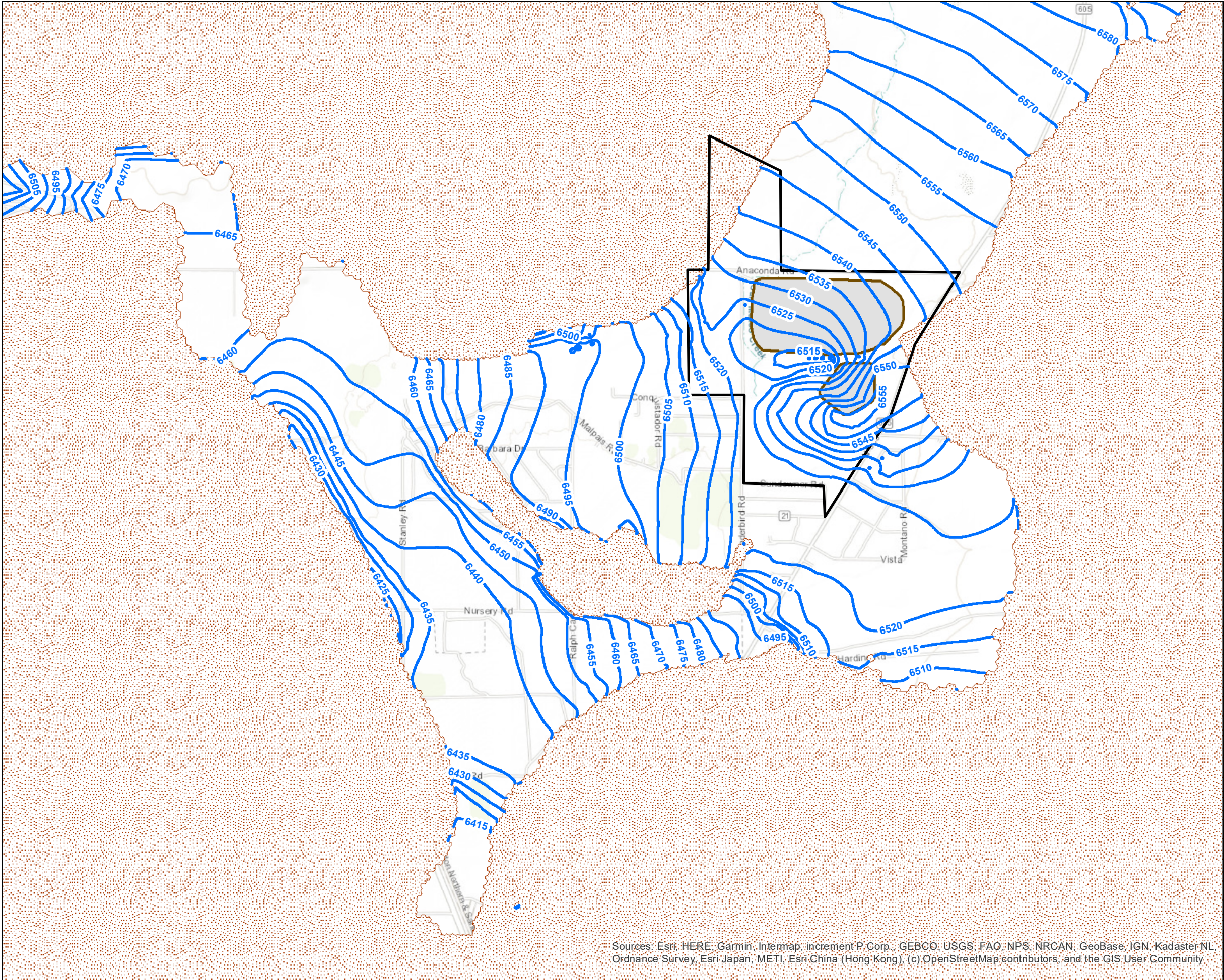


**1000 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Natural Attenuation**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-11	Appv'd By:	KKZ





FIGURE C-11



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

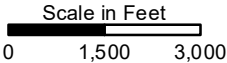


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  10-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

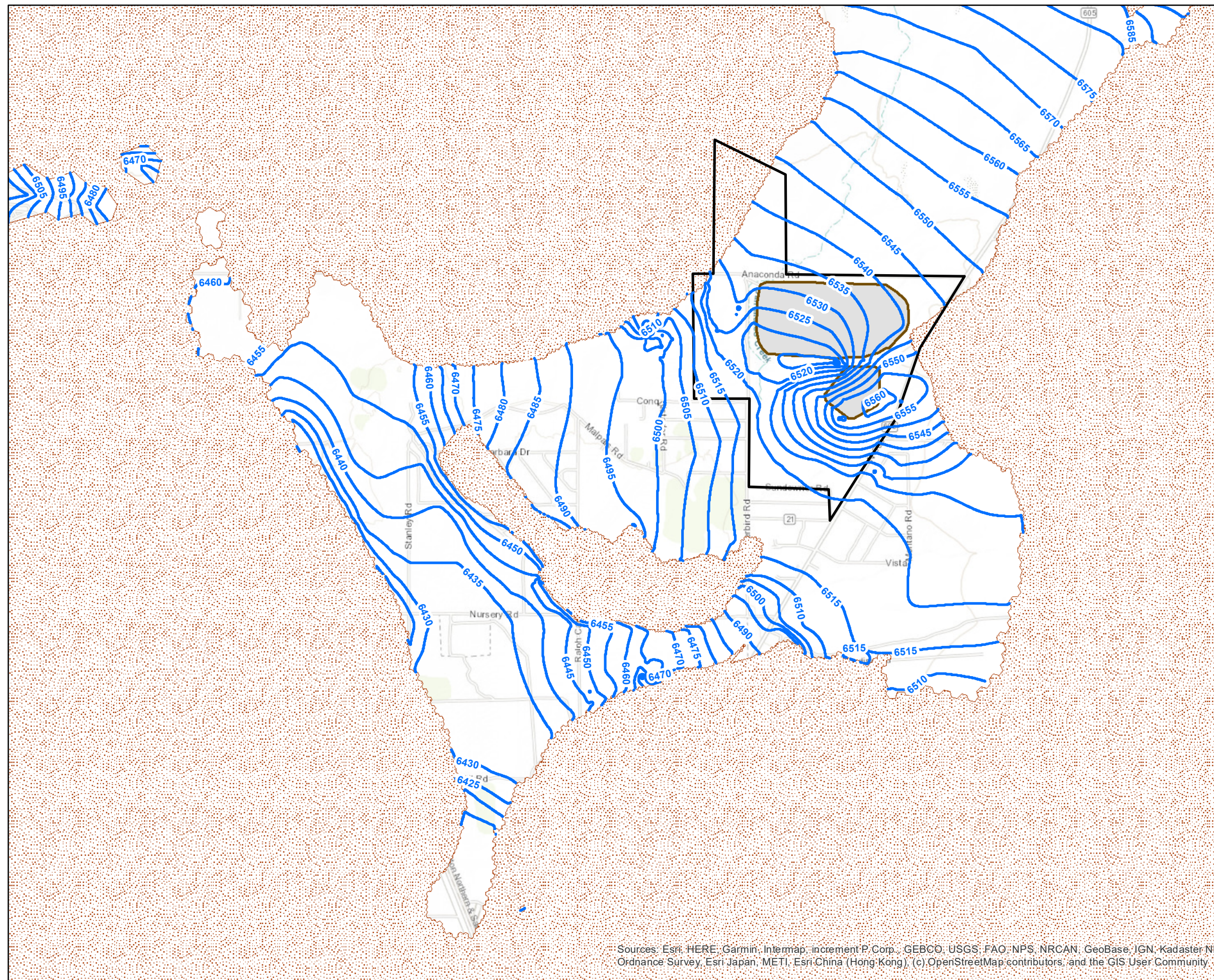


10 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Continued Groundwater Collection and Injection





Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-12	Appv'd By:	KKZ

FIGURE C-12



LEGEND

-  NRC License Boundary
 LTP and STP Footprints
 Simulated Dry Cells
 20-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico
State Plane West (Feet)

Scale in Feet

0 1.500 3.000



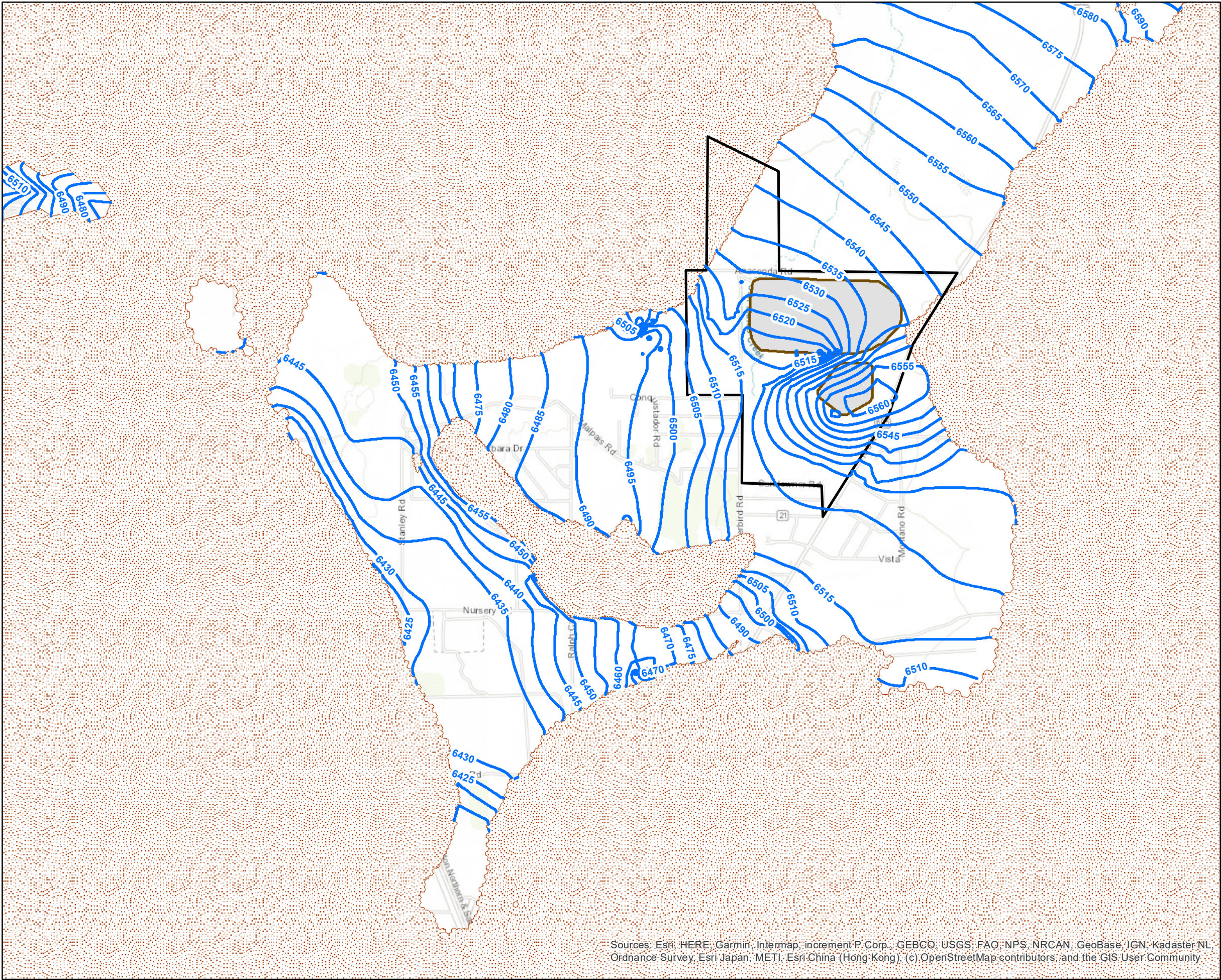
**20 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Continued Groundwater Collection and Injection**

Grants Reclamation Project
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Modeling - Predictive Period Report
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Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-13	App'vd By:	KKZ

FIGURE C-13

Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  30-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

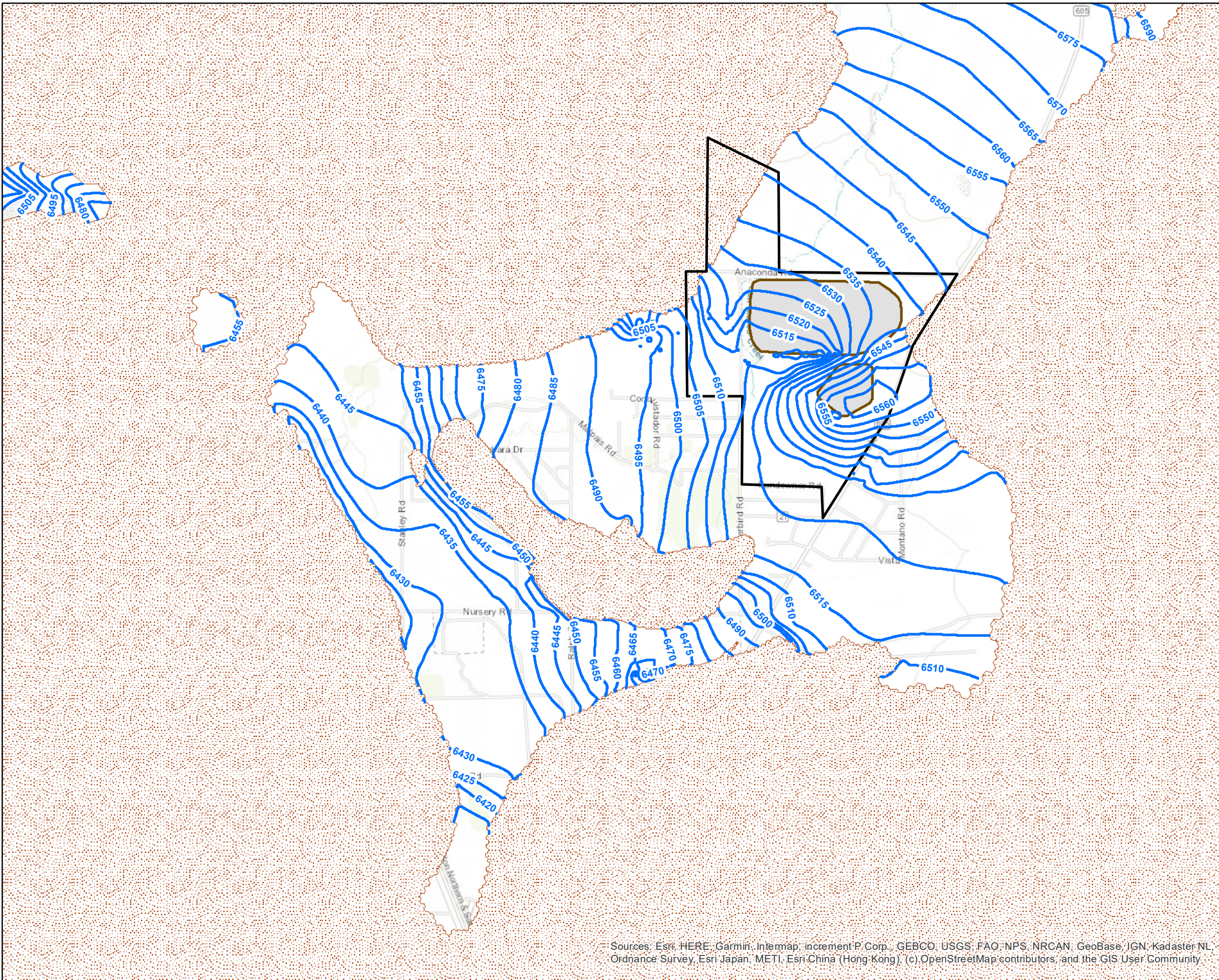


30 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Continued Groundwater Collection and Injection

Grants Reclamation Project
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Map ID:	FigureC-14	Appv'd By:	KKZ





FIGURE C-14



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  40-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

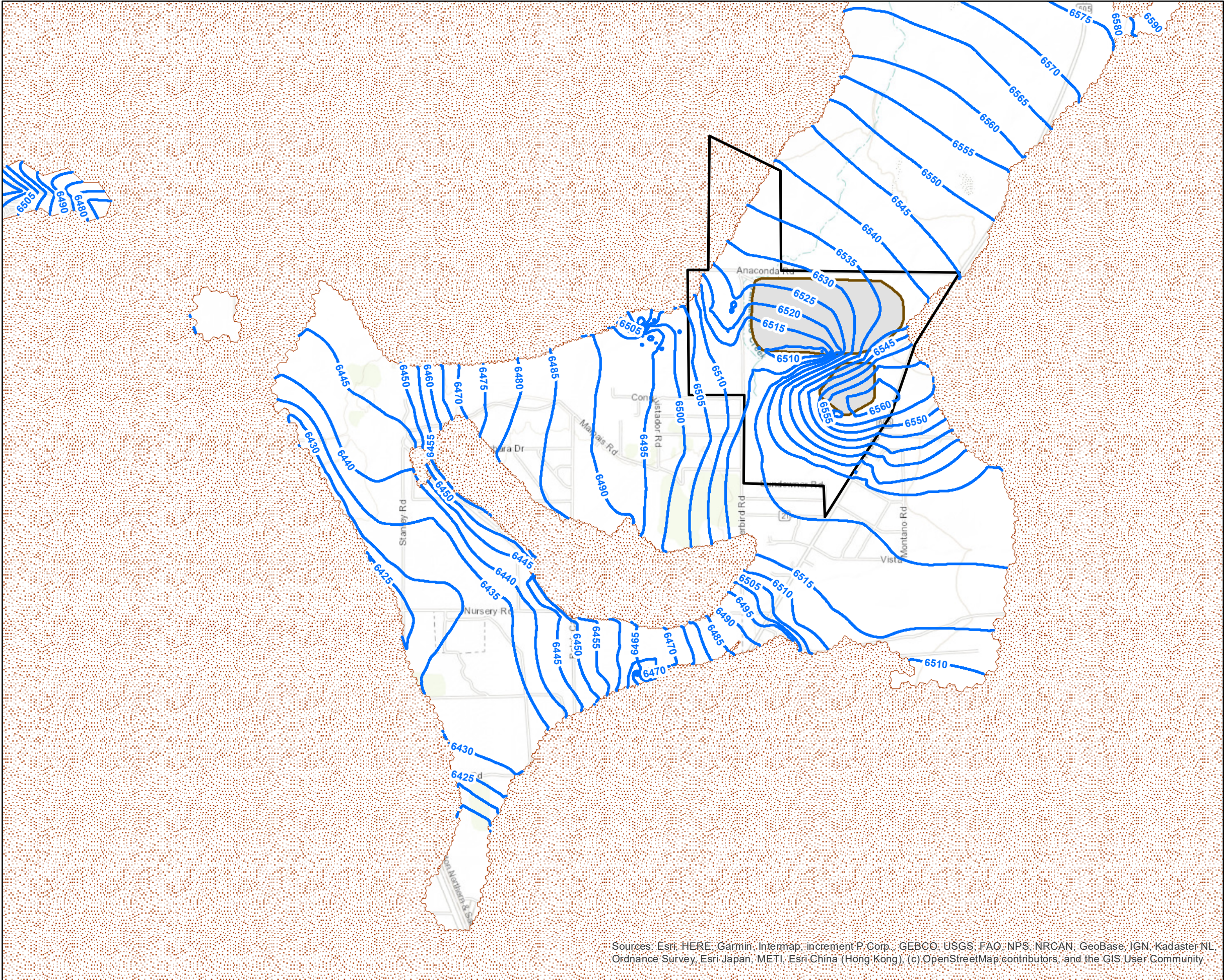


40 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Continued Groundwater Collection and Injection

Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-15	Appv'd By:	KKZ





FIGURE C-15



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  50-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

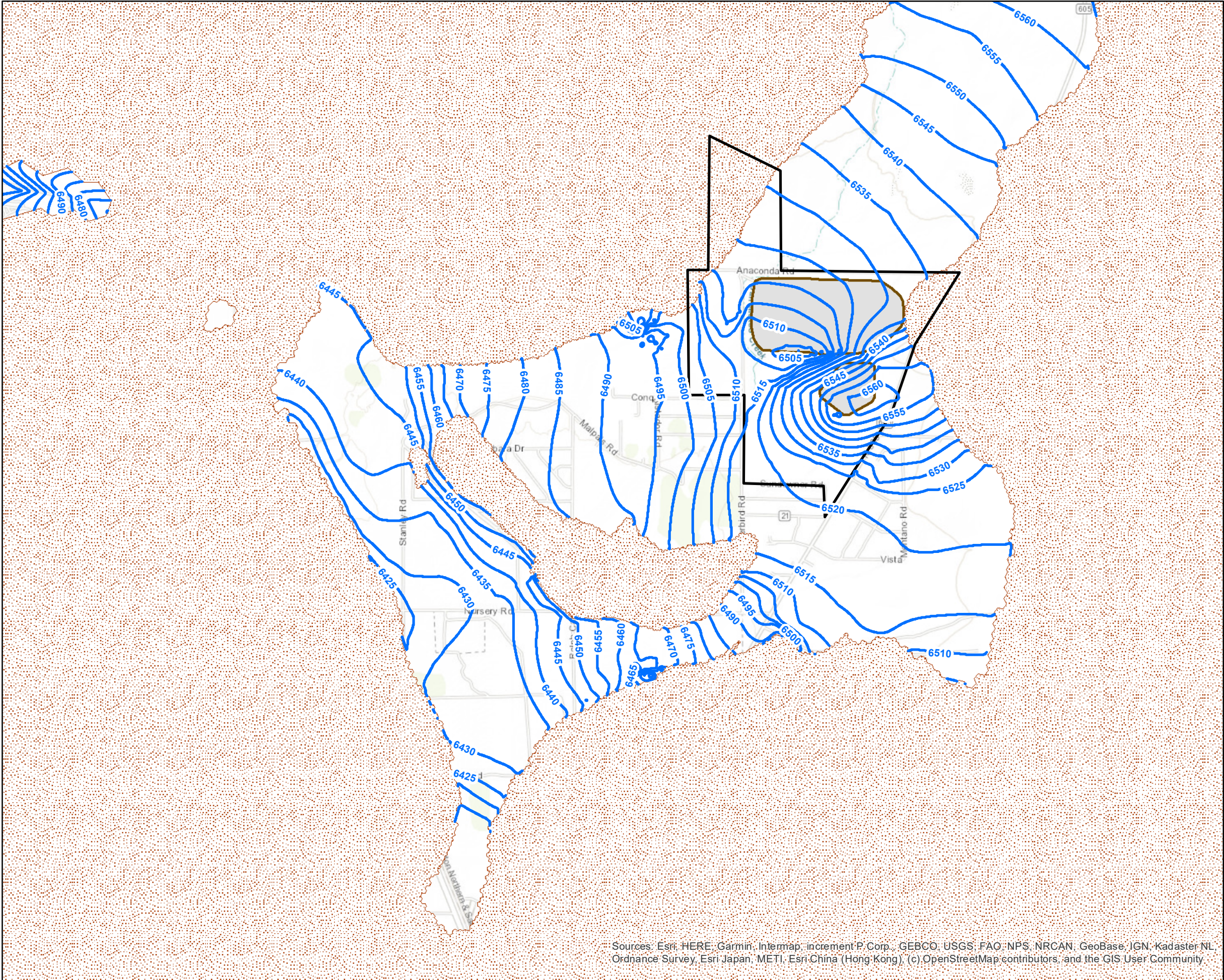


50 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Continued Groundwater Collection and Injection

Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-16	Appv'd By:	KKZ

FIGURE C-16



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

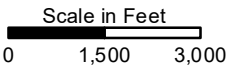


LEGEND

- NRC License Boundary
- LTP and STP Footprints
- Simulated Dry Cells
- 100-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

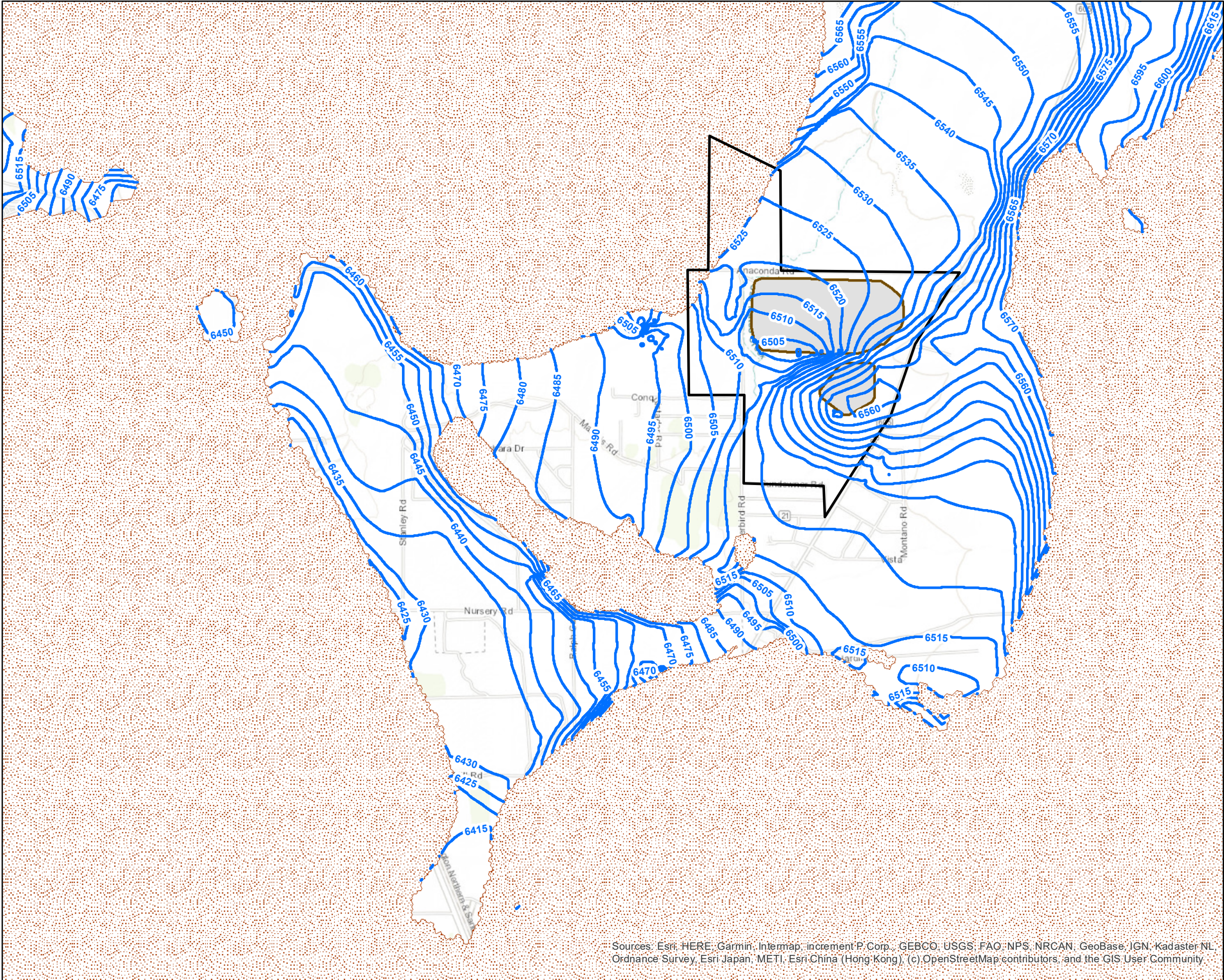


100 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Continued Groundwater Collection and Injection

Grants Reclamation Project
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Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-17	Appv'd By:	KKZ





FIGURE C-17



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

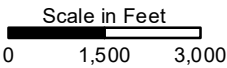


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  150-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

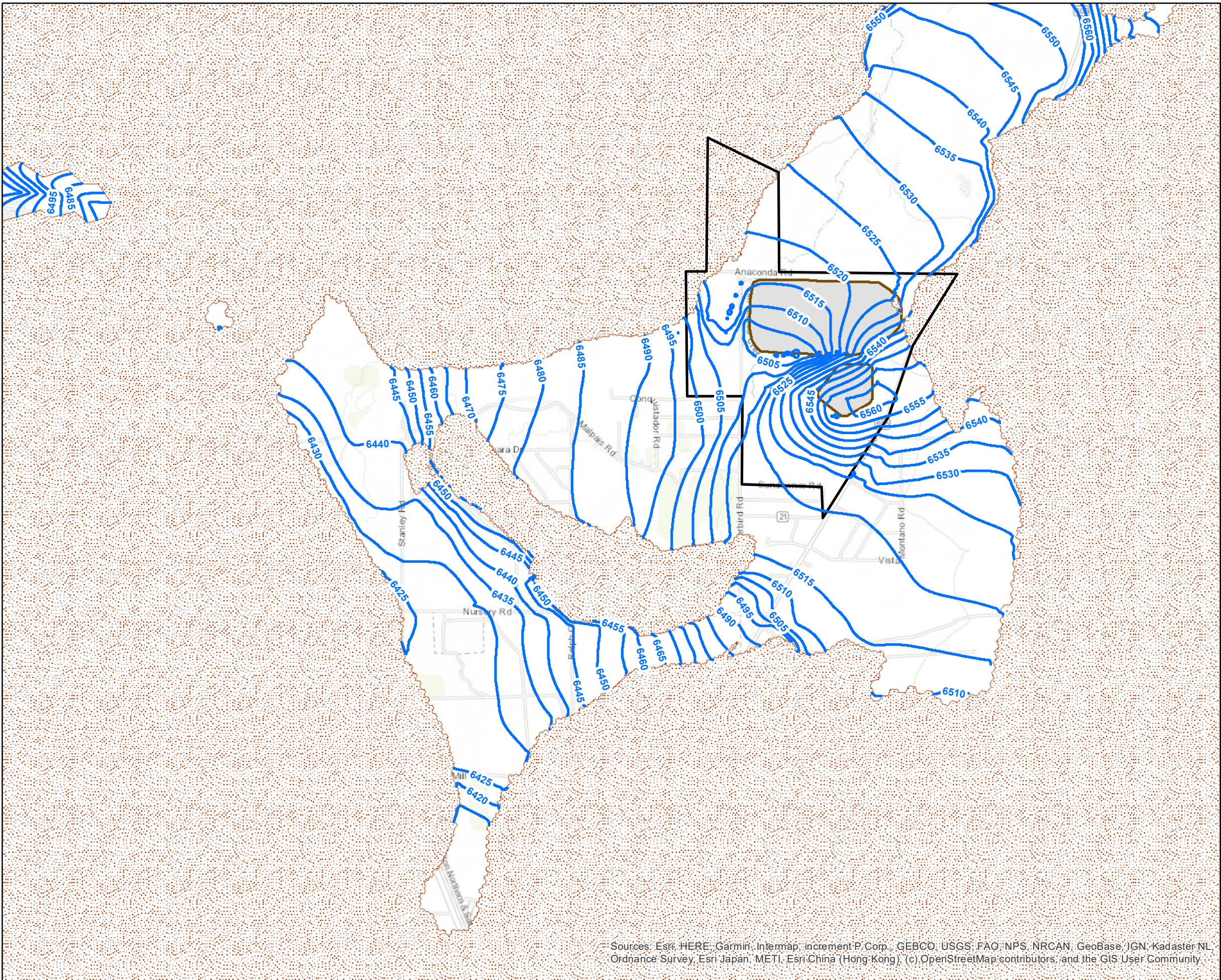


150 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Continued Groundwater Collection and Injection





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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-18	Appv'd By:	KKZ

FIGURE C-18

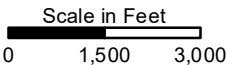


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  200-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)



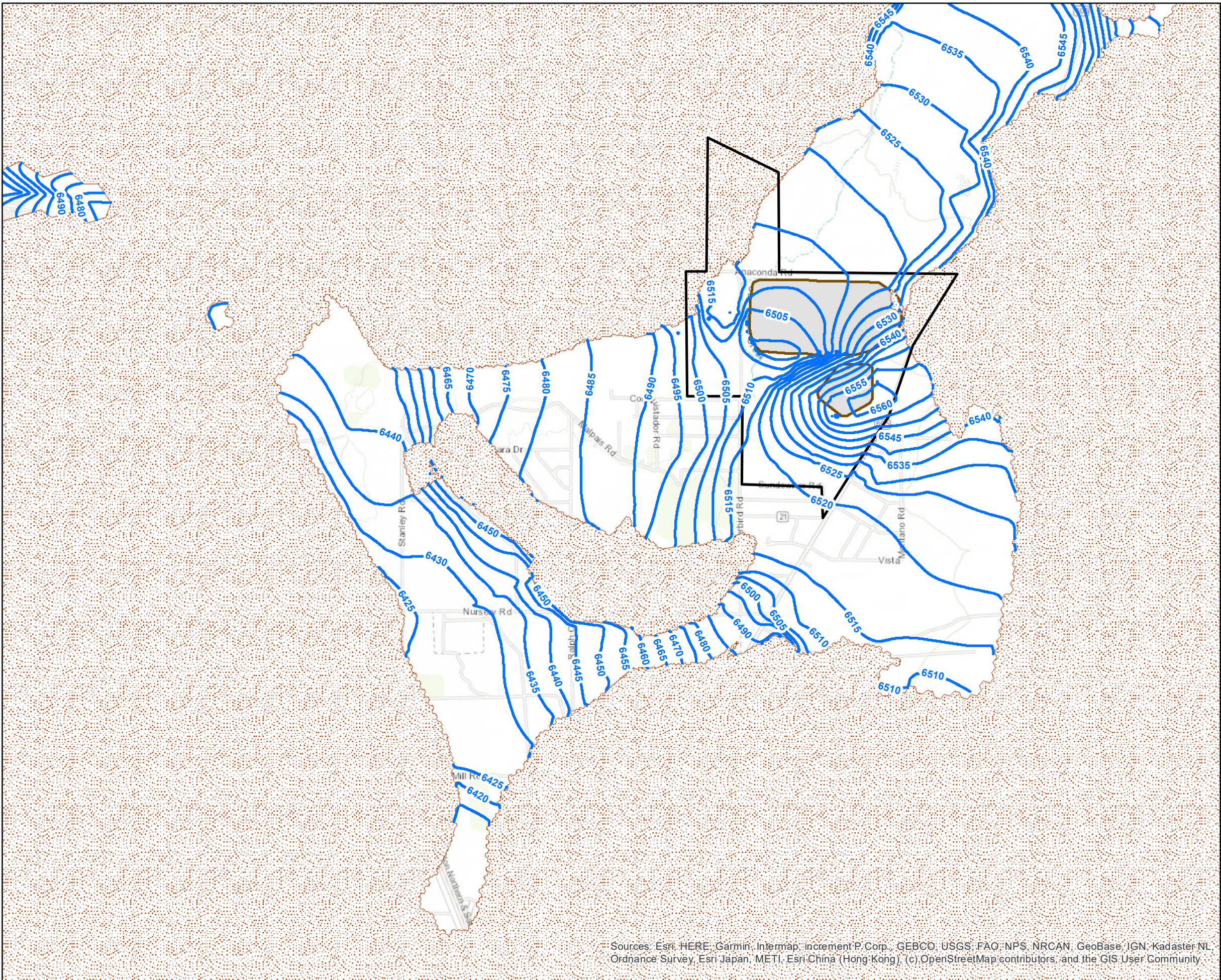
**200 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Continued Groundwater Collection and Injection**

Grants Reclamation Project
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Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-19	Appv'd By:	KKZ

FIGURE C-19

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

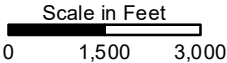


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  400-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)



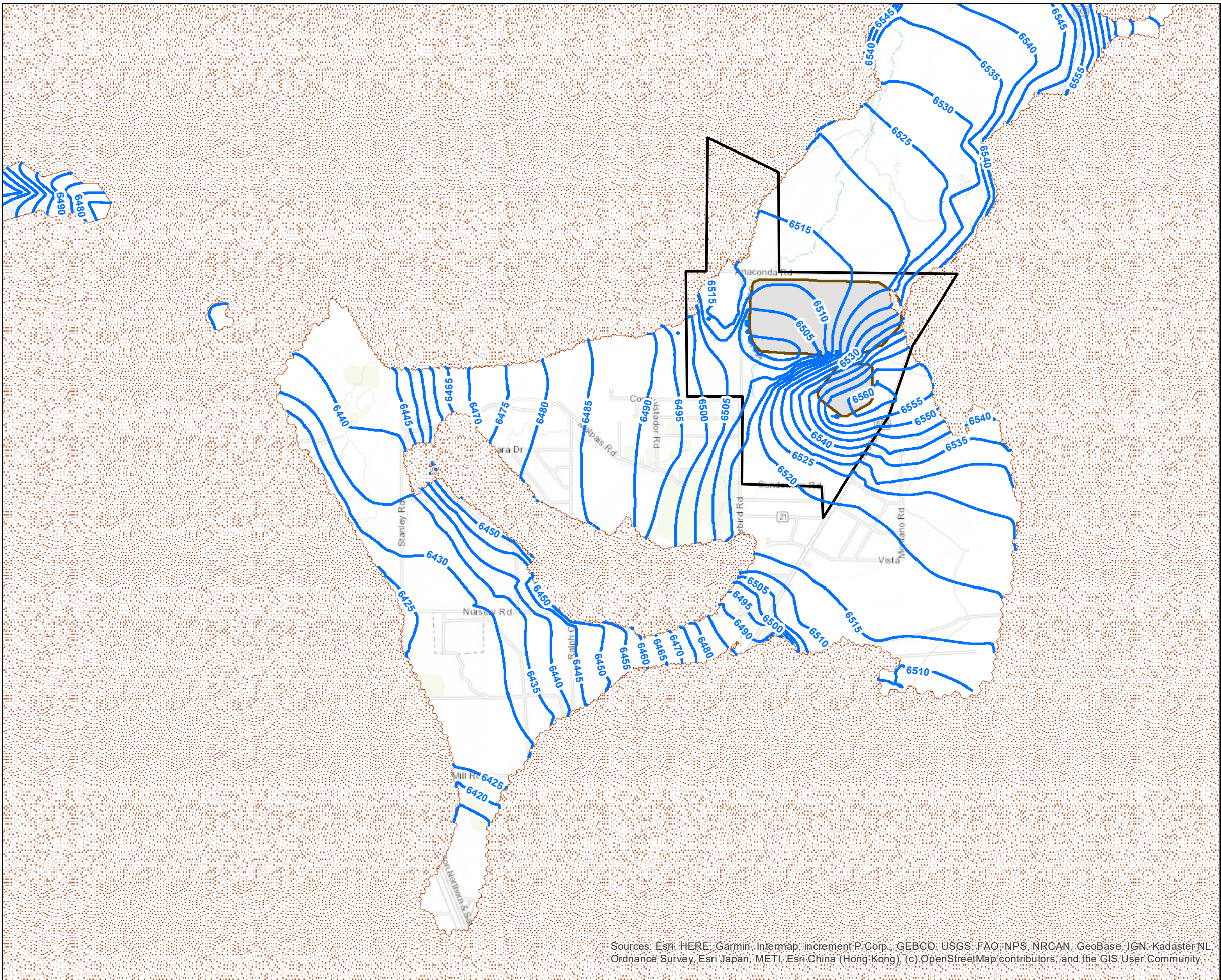
**400 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Continued Groundwater Collection and Injection**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-20	Appv'd By:	KKZ

FIGURE C-20





Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

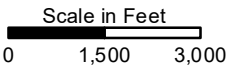


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  800-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

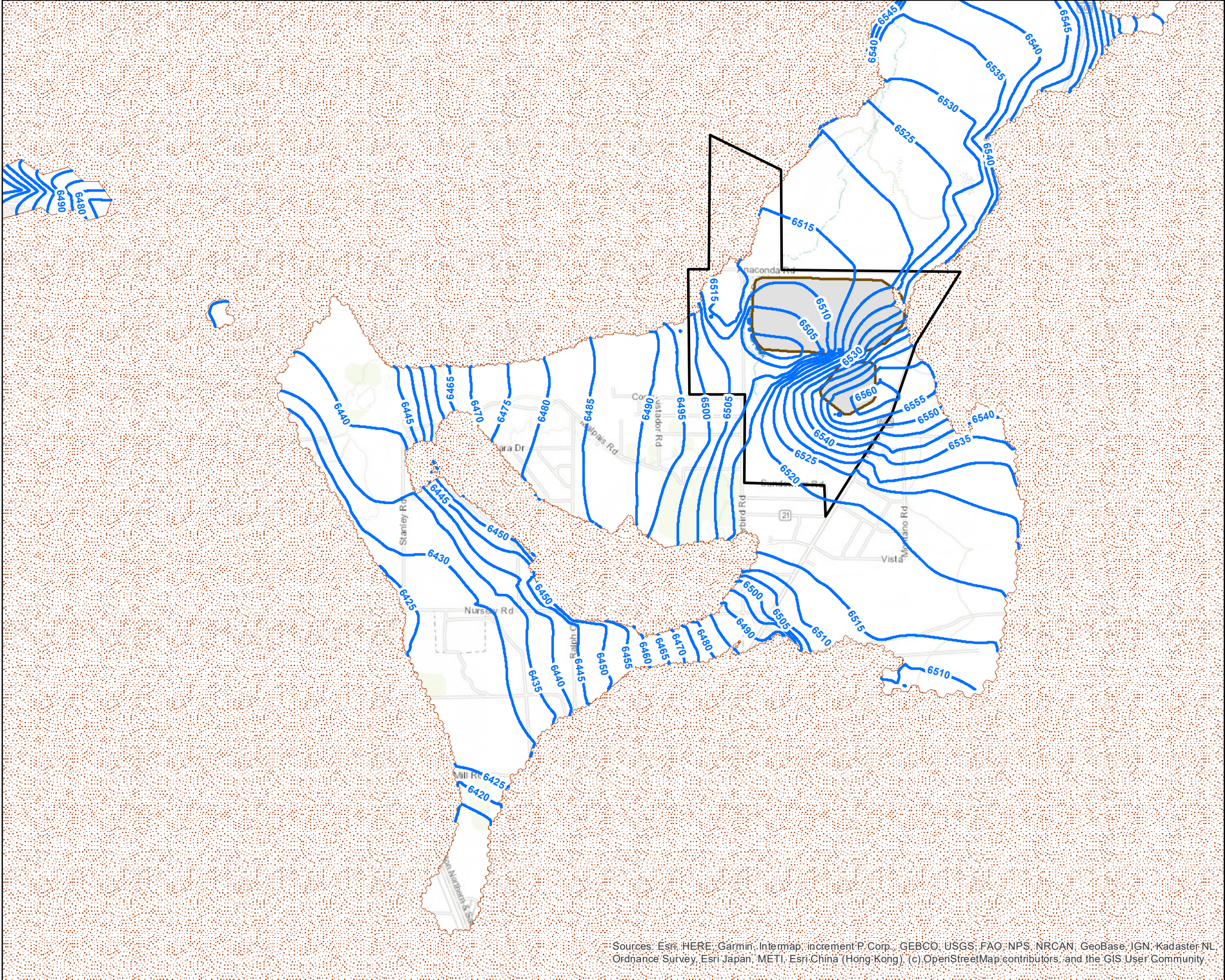


800 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Continued Groundwater Collection and Injection

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-21	Appv'd By:	KKZ





FIGURE C-21



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

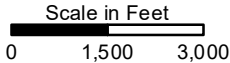


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  1000-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

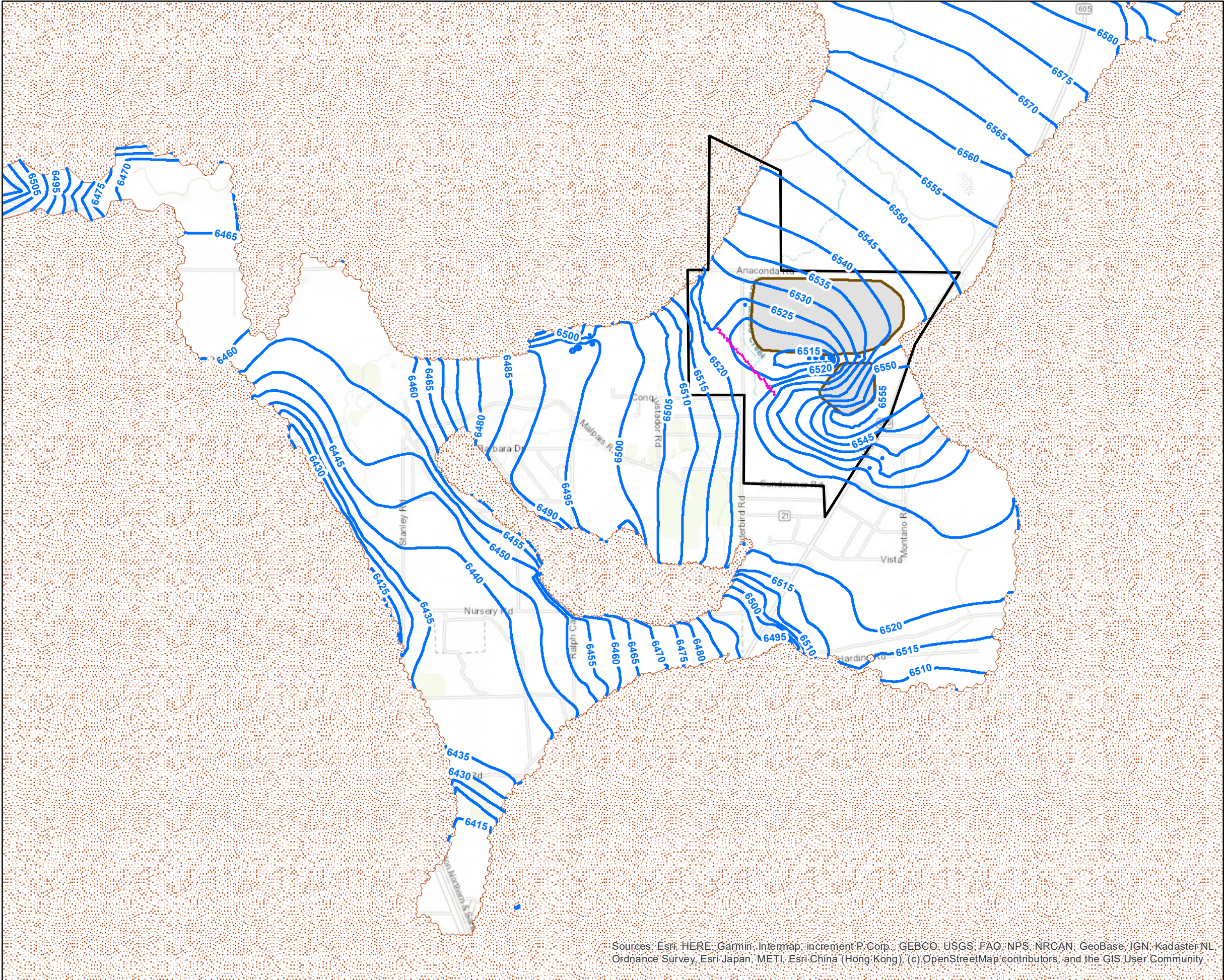


1000 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Continued Groundwater Collection and Injection






Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-22	Appv'd By:	KKZ

FIGURE C-22

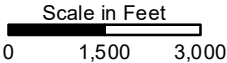


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  10-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Simulated PRB location shown here for reference, but note PRB would not be installed until the end of predictive year 36.

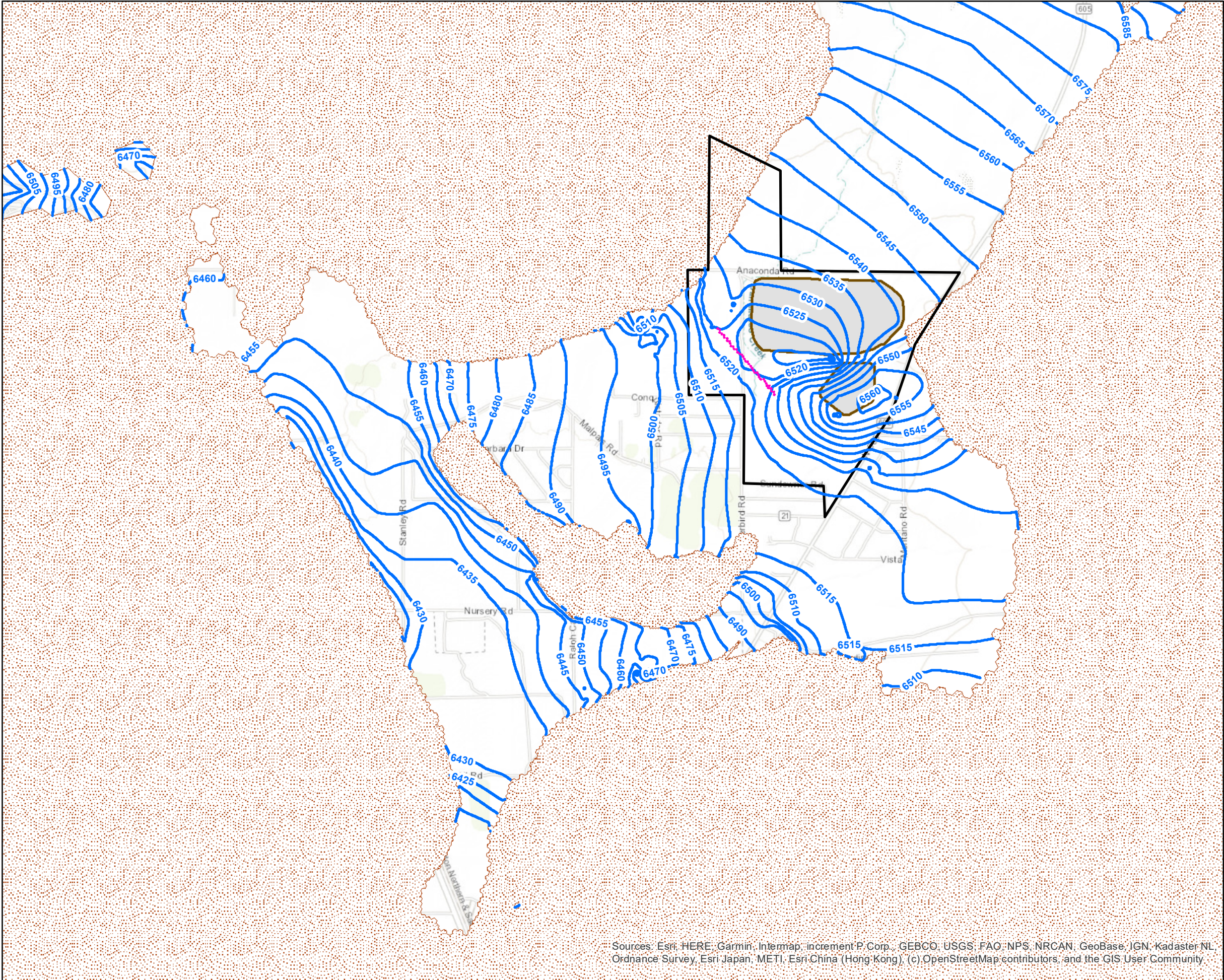


10 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Permeable Reactive Barrier

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-23	Appv'd By:	KKZ






FIGURE C-23



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  20-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Simulated PRB location shown here for reference, but note PRB would not be installed until the end of predictive year 36.

Scale in Feet
0 1,500 3,000

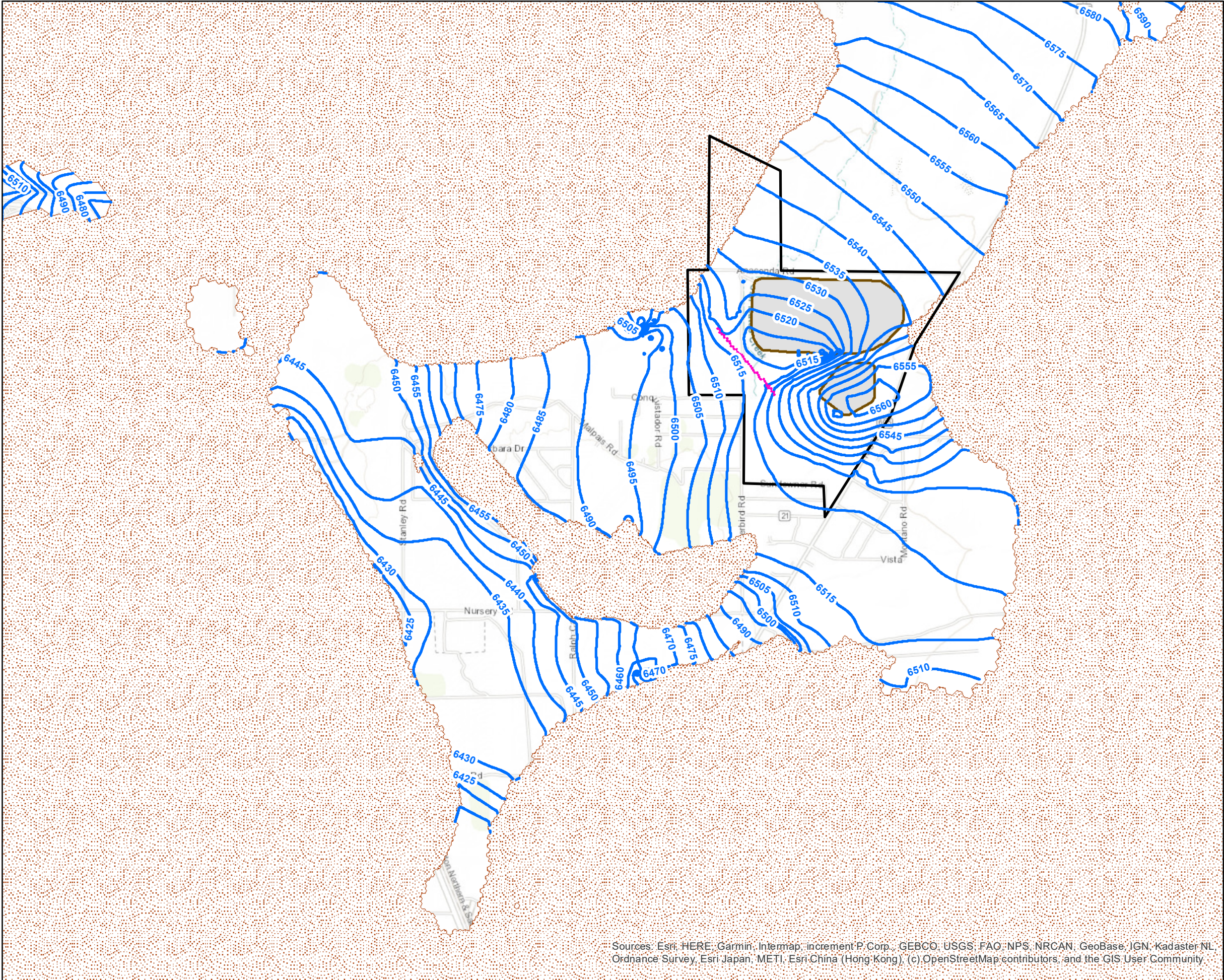


20 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Permeable Reactive Barrier

Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-24	Appv'd By:	KKZ






FIGURE C-24



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

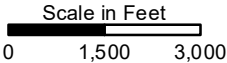


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  30-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Simulated PRB location shown here for reference, but note PRB would not be installed until the end of predictive year 36.

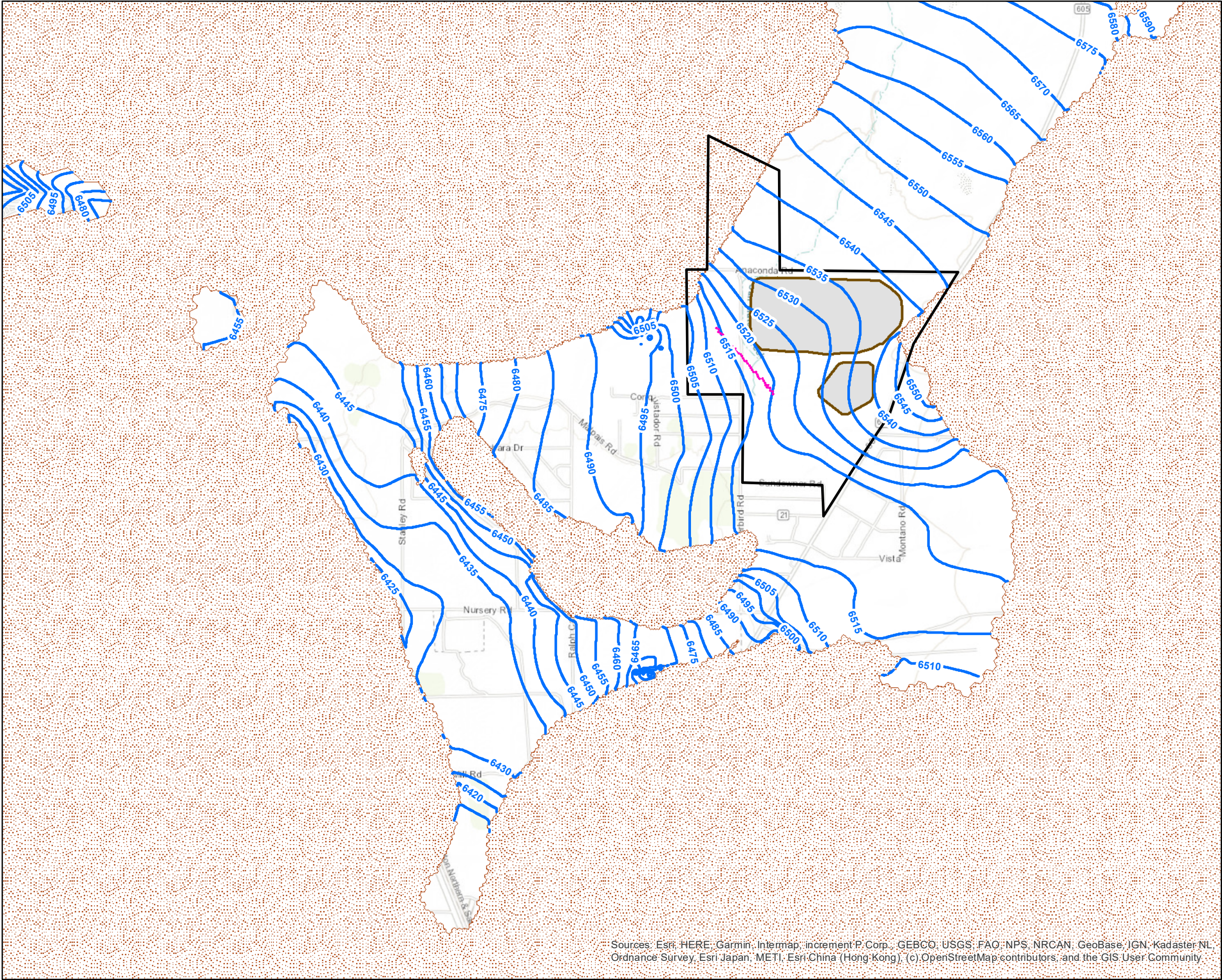


**30 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Permeable Reactive Barrier**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-25	Appv'd By:	KKZ






FIGURE C-25



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

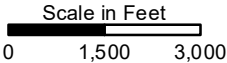


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  40-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

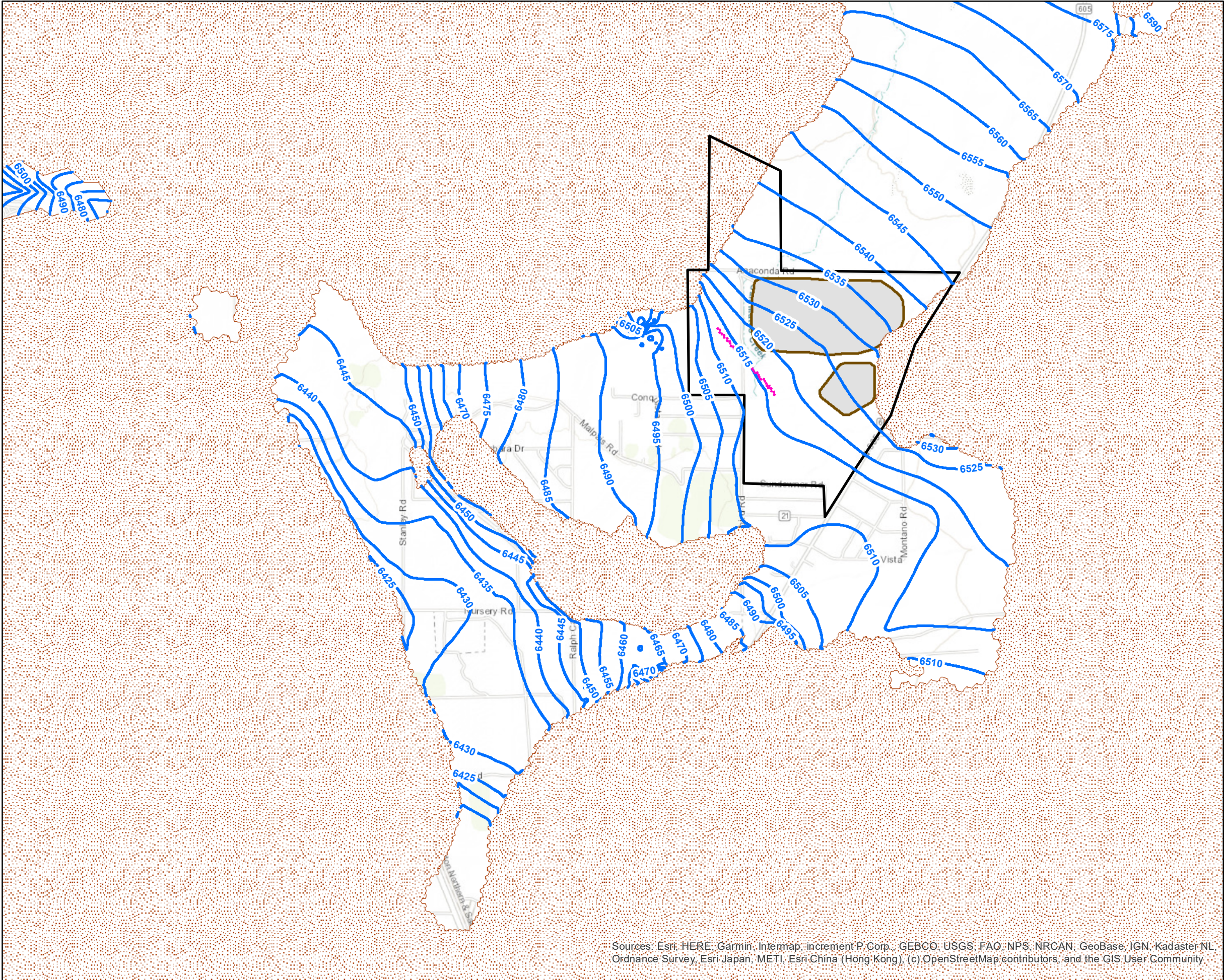


40 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Permeable Reactive Barrier






Grants Reclamation Project
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Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-26	Appv'd By:	KKZ

FIGURE C-26



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  50-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

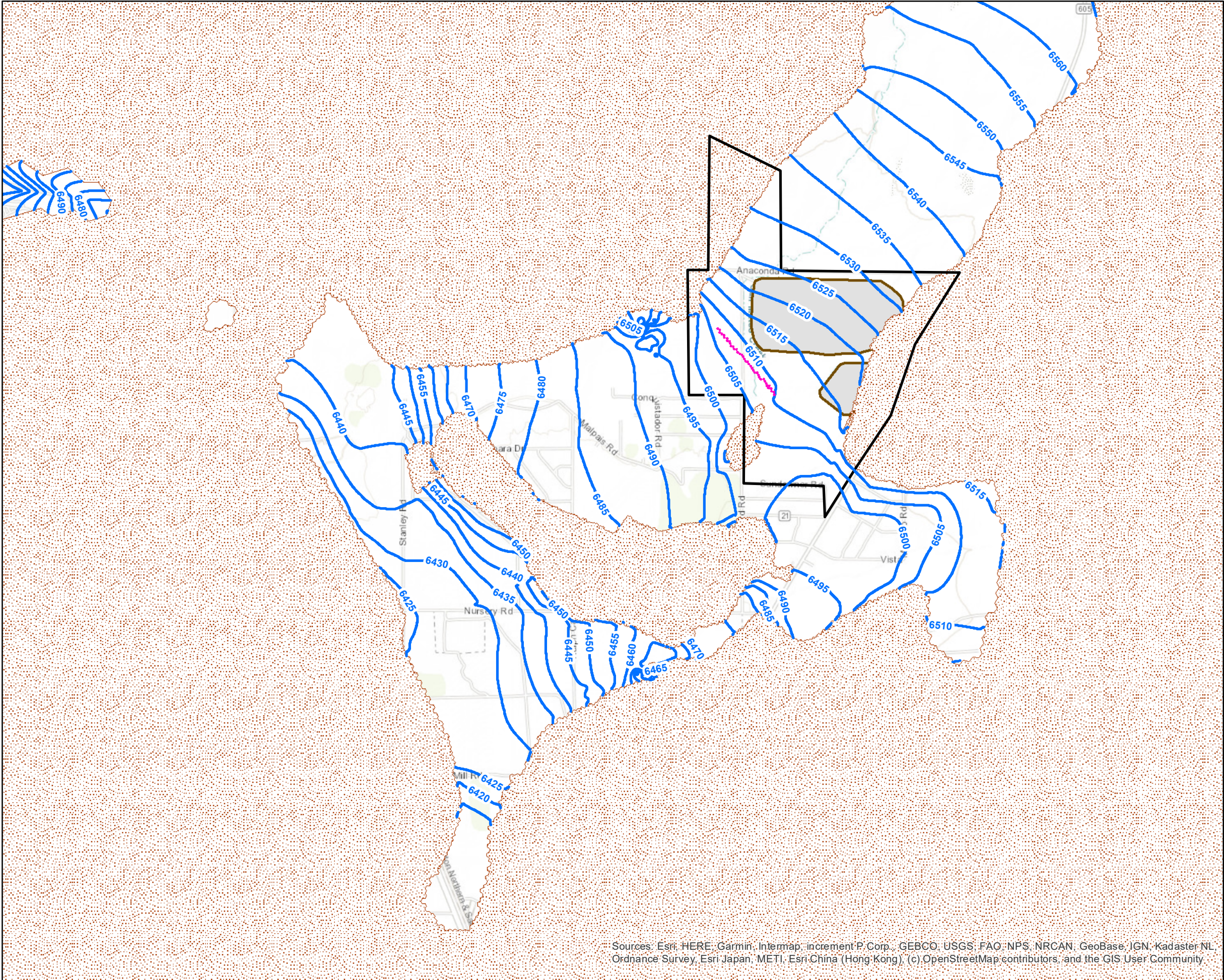


50 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Permeable Reactive Barrier






Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-27	Appv'd By:	KKZ

FIGURE C-27



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  100-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

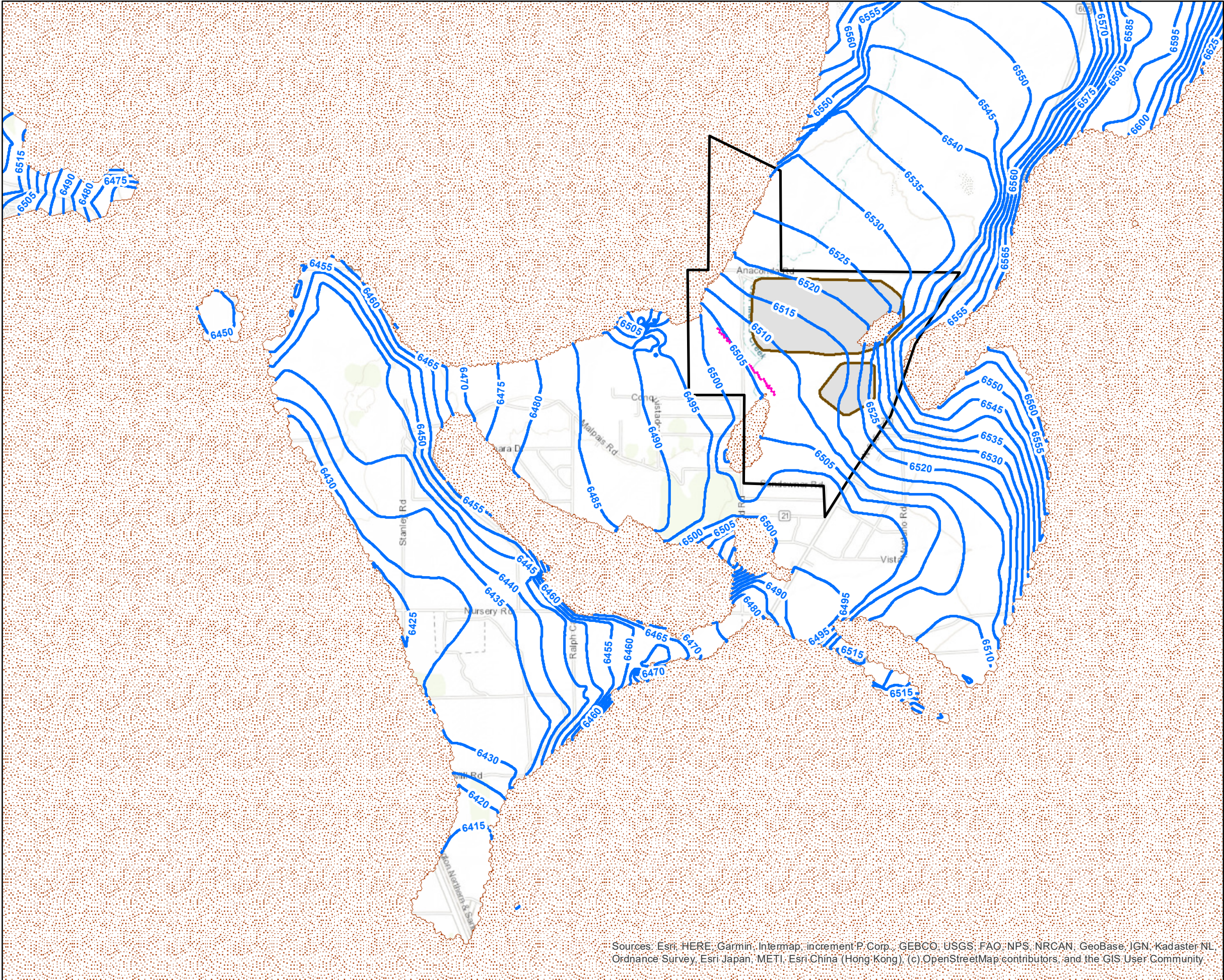


100 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Permeable Reactive Barrier

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-28	Appv'd By:	KKZ






FIGURE C-28



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

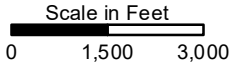


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  150-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

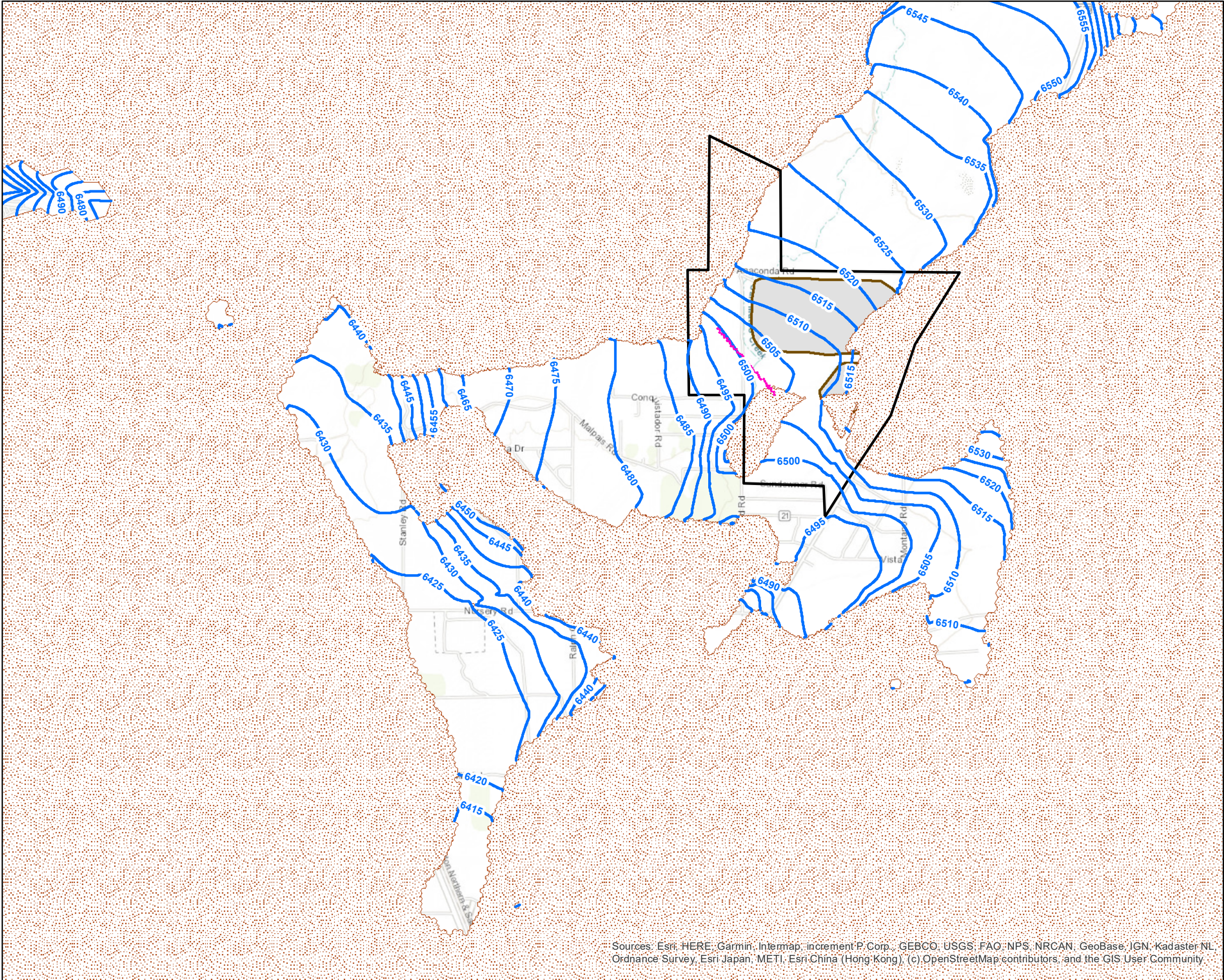


**150 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Permeable Reactive Barrier**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-29	Appv'd By:	KKZ






FIGURE C-29



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  200-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

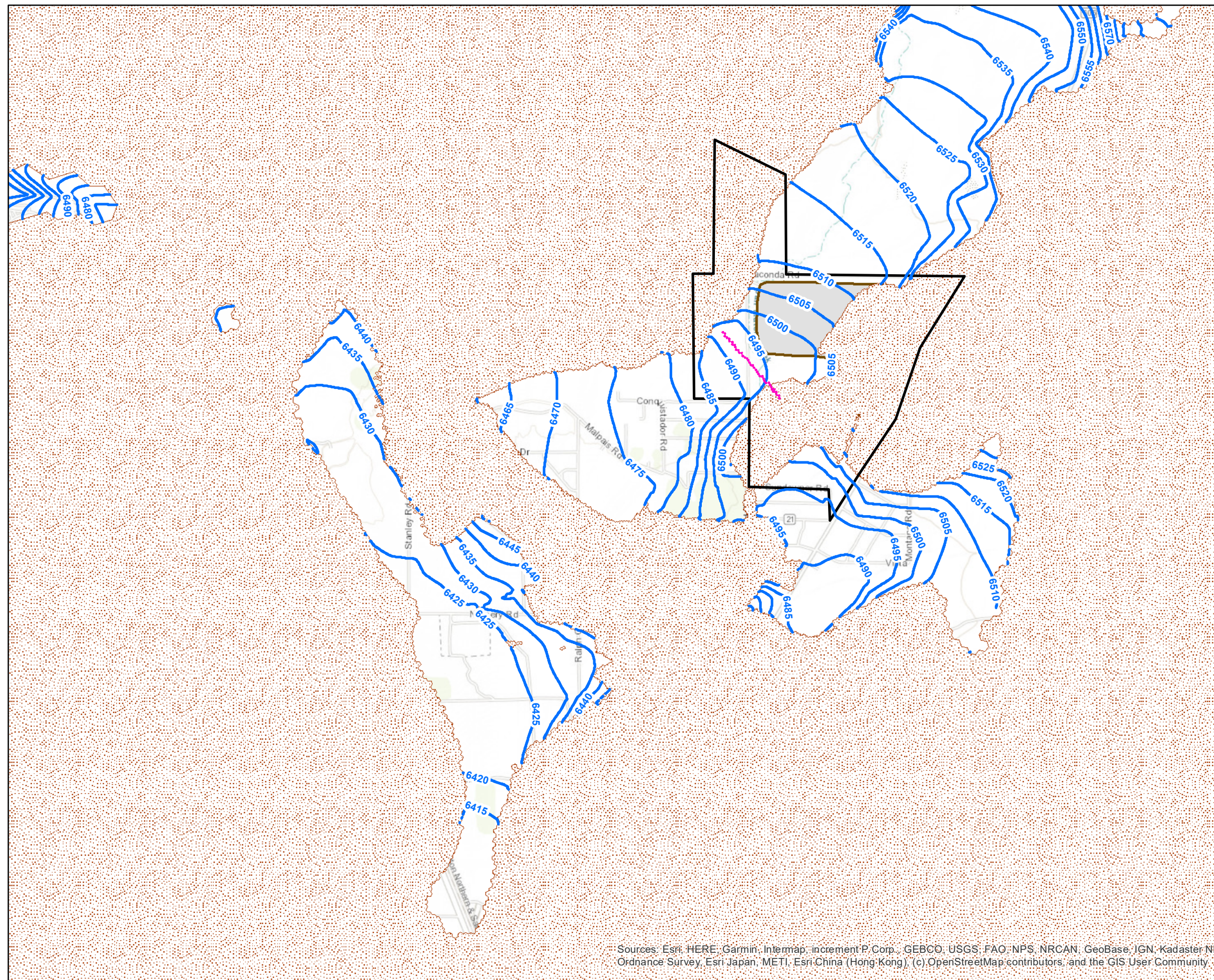


200 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Permeable Reactive Barrier






Grants Reclamation Project
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Modeling - Predictive Period Report
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-30	Appv'd By:	KKZ

FIGURE C-30



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  400-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico
State Plane West (Feet)

Scale in Feet

0 1,500 3,000

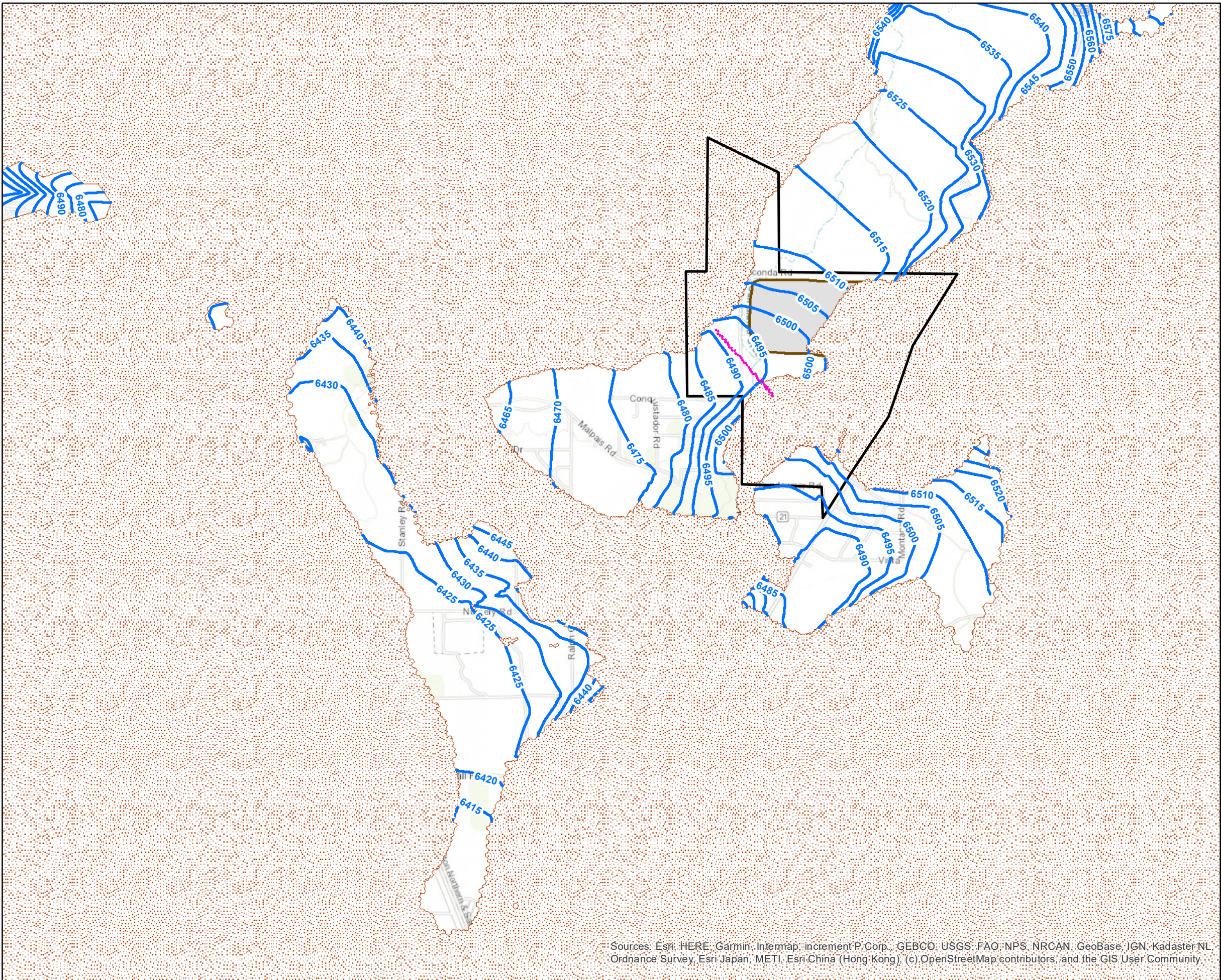


400 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Permeable Reactive Barrier

Grants Reclamation Project
Groundwater Fate and Transport
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Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-31	App'vd By:	KKZ






FIGURE C-31



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

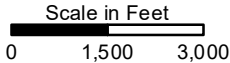


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  800-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

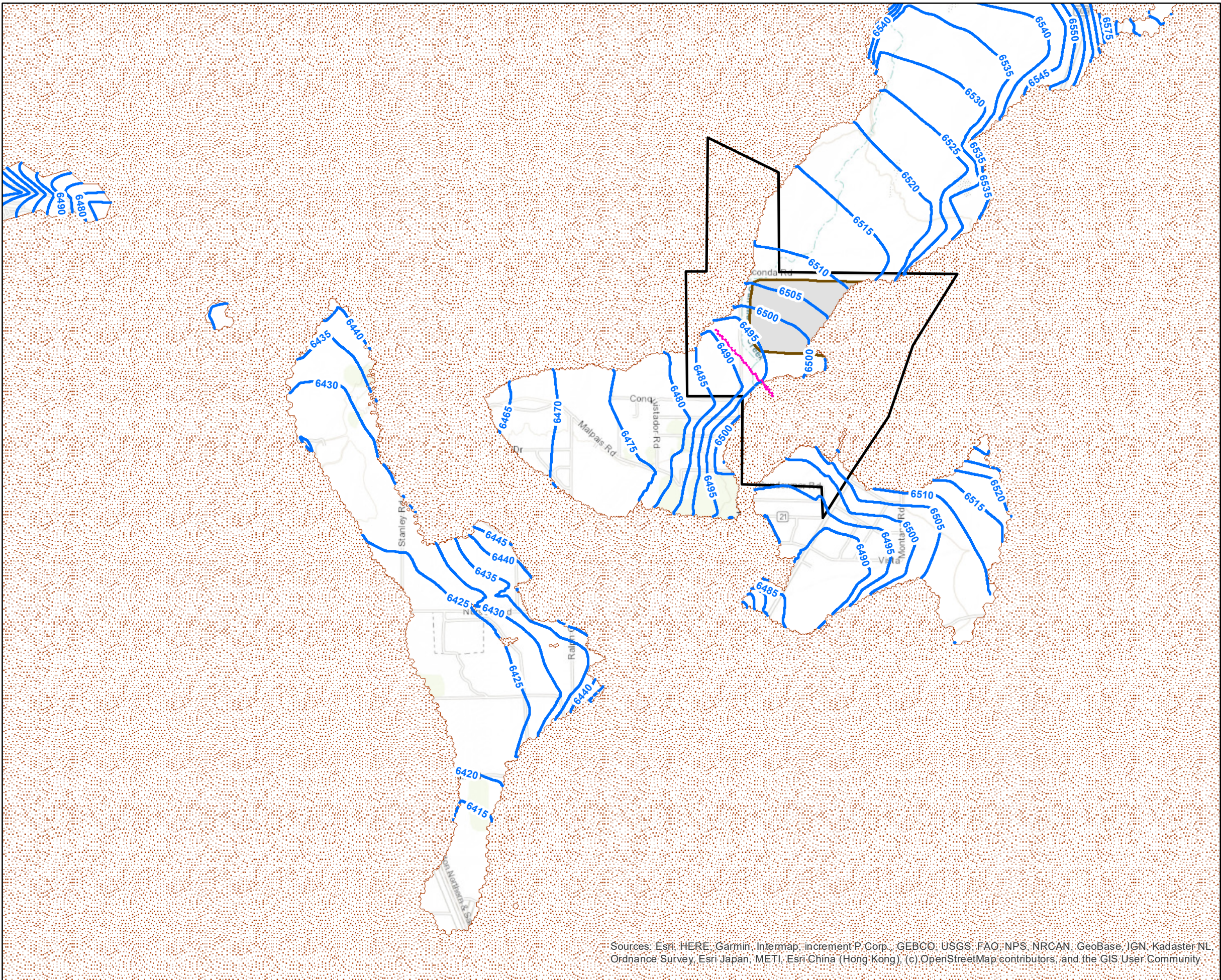


800 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Permeable Reactive Barrier

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-32	Appv'd By:	KKZ






FIGURE C-32



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

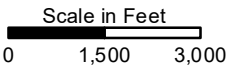


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  1000-Year Predicted Groundwater-Level Contours (mg/L)
-  PCB Cells Representing Barrier

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

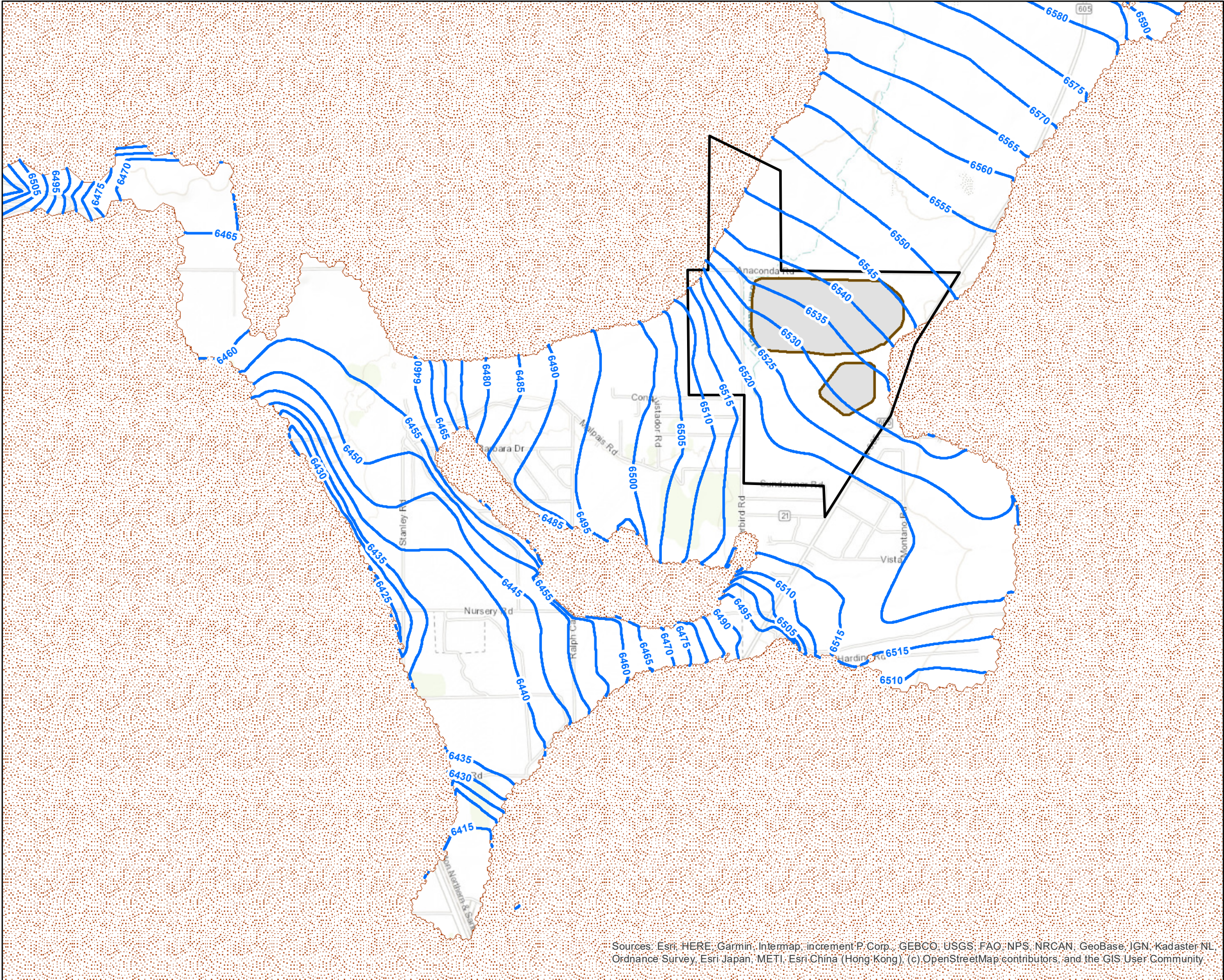


1000 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Permeable Reactive Barrier

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-33	Appv'd By:	KKZ





FIGURE C-33



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

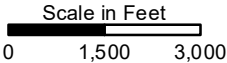


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  10-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

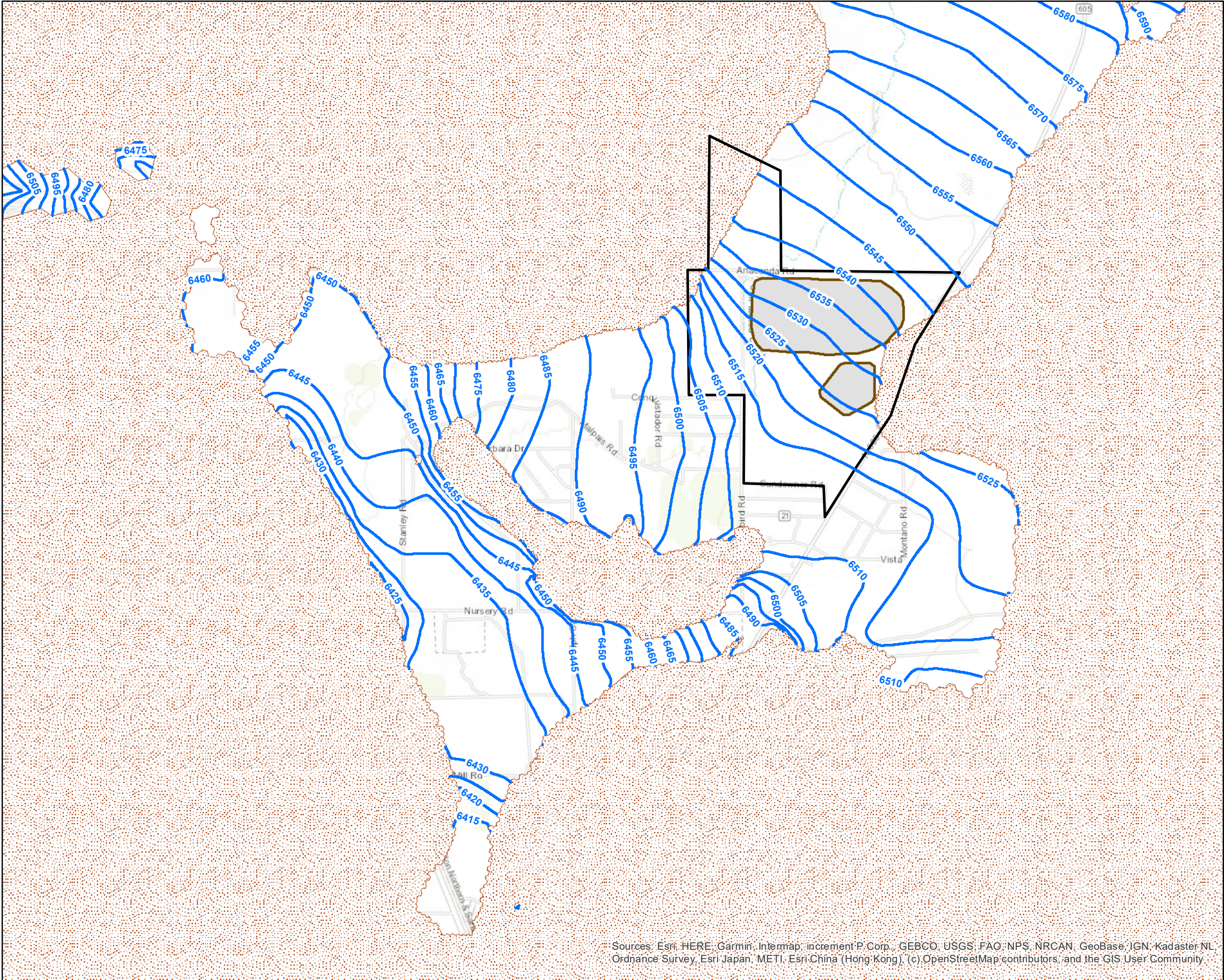


**10 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Lower Recharge Sensitivity**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-34	Appv'd By:	KKZ





FIGURE C-34



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

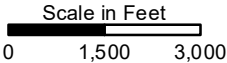


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  20-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

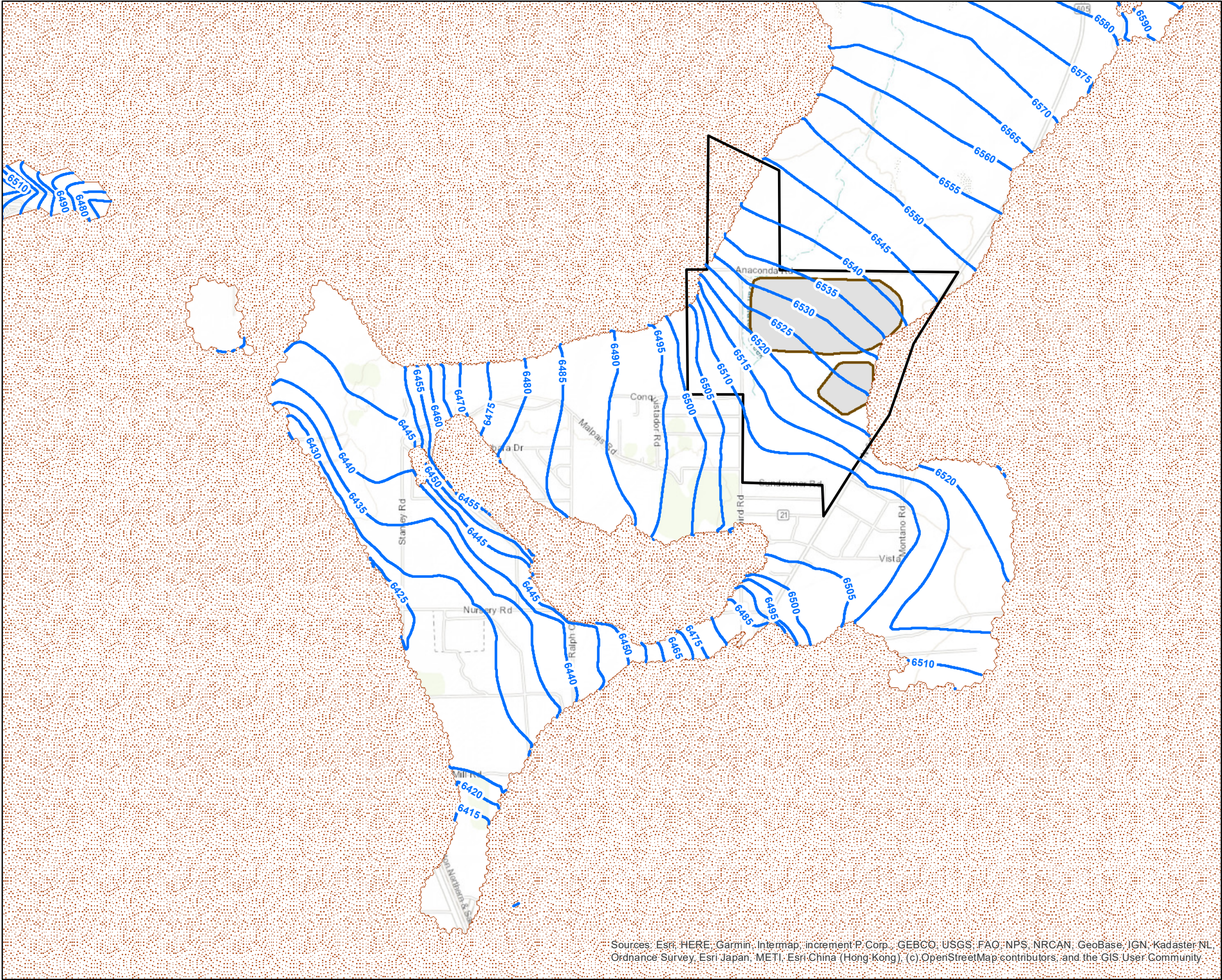


**20 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Lower Recharge Sensitivity**





Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-35	Appv'd By:	KKZ

FIGURE C-35

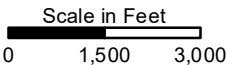


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  30-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

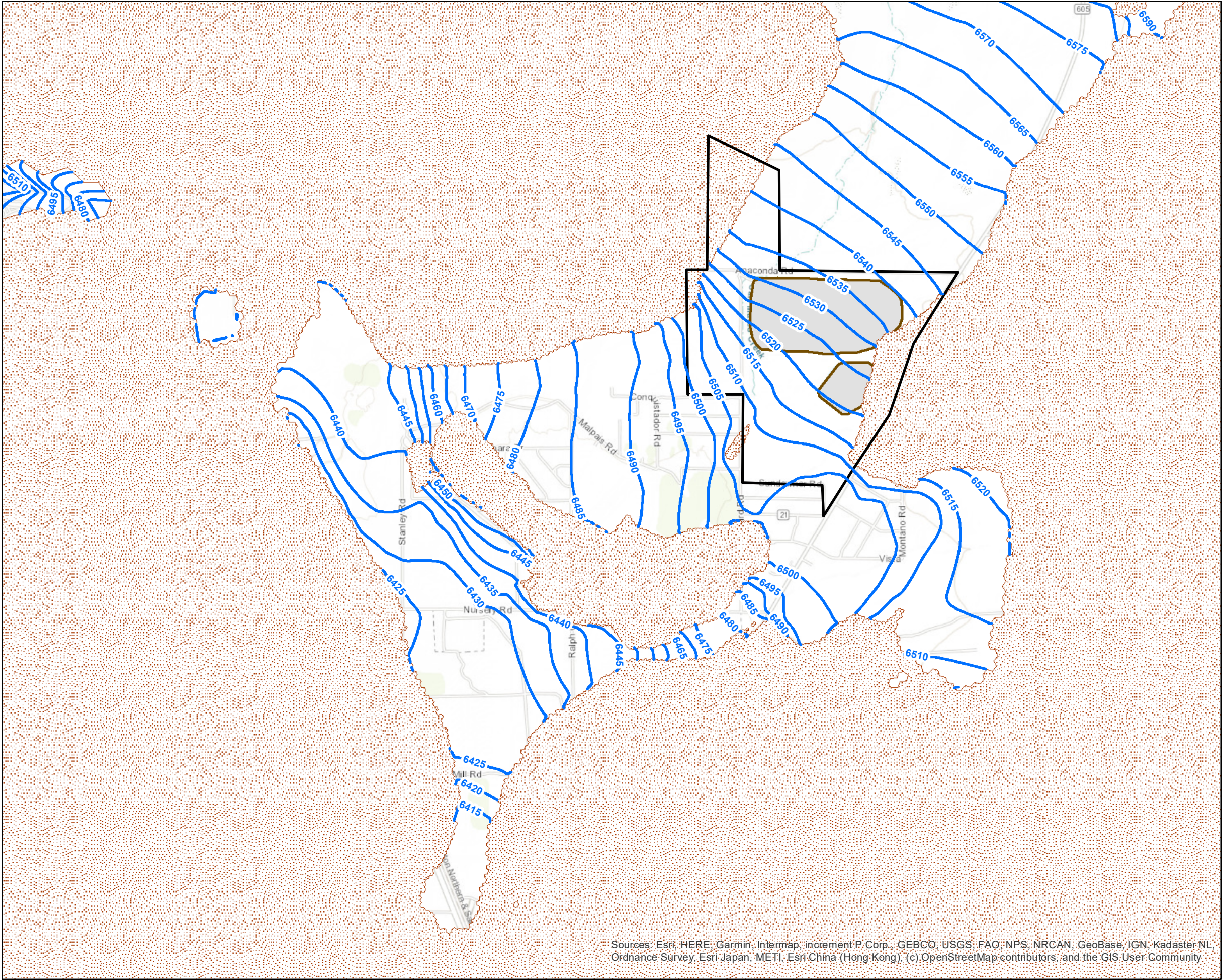


30 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Lower Recharge Sensitivity

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-36	Appv'd By:	KKZ





FIGURE C-36



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

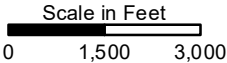


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  40-Year Predicted Groundwater-Level Contours (mg/L)

Notes

- 1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

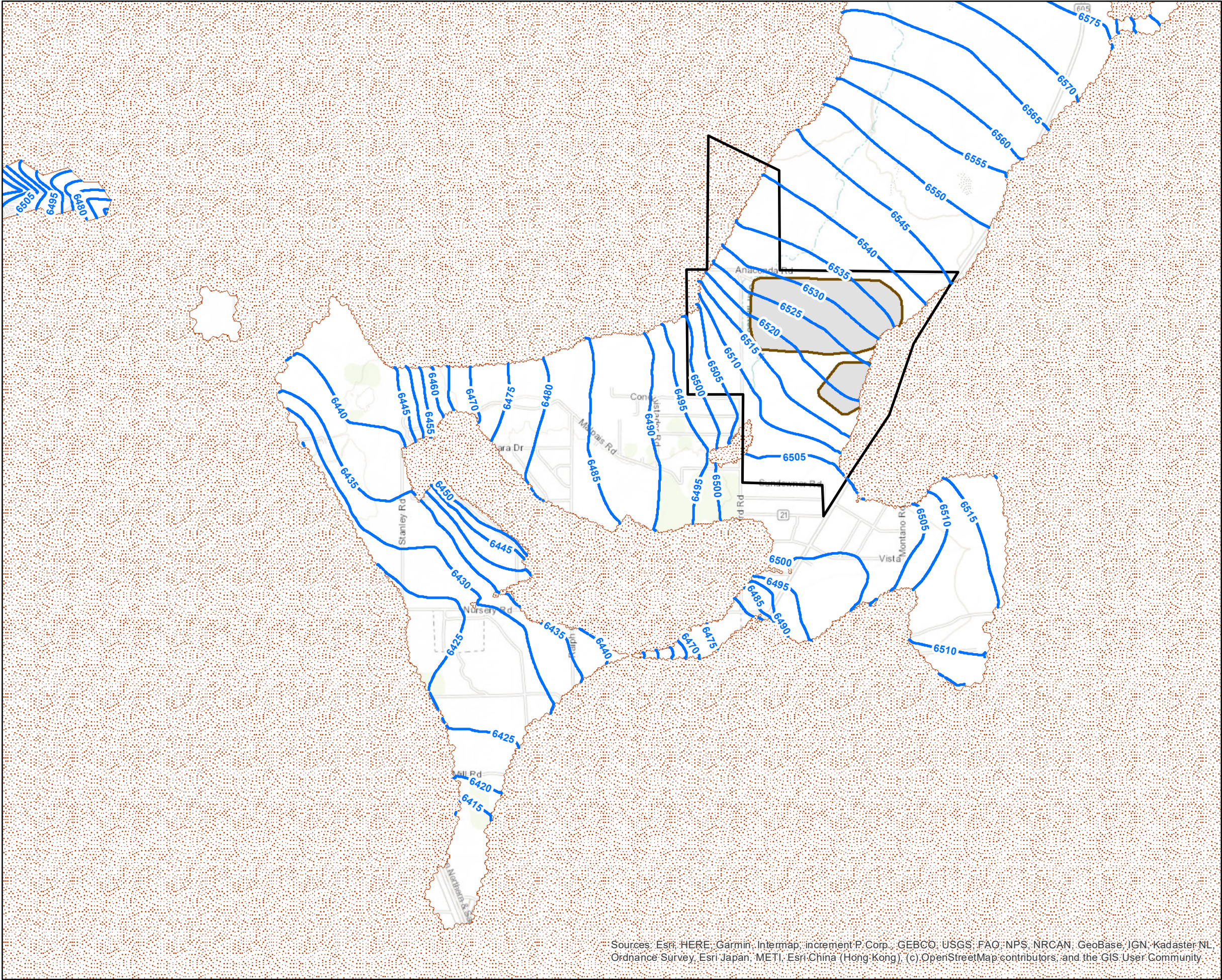


40 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Lower Recharge Sensitivity

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-37	Appv'd By:	KKZ





FIGURE C-37



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

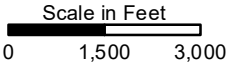


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  50-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

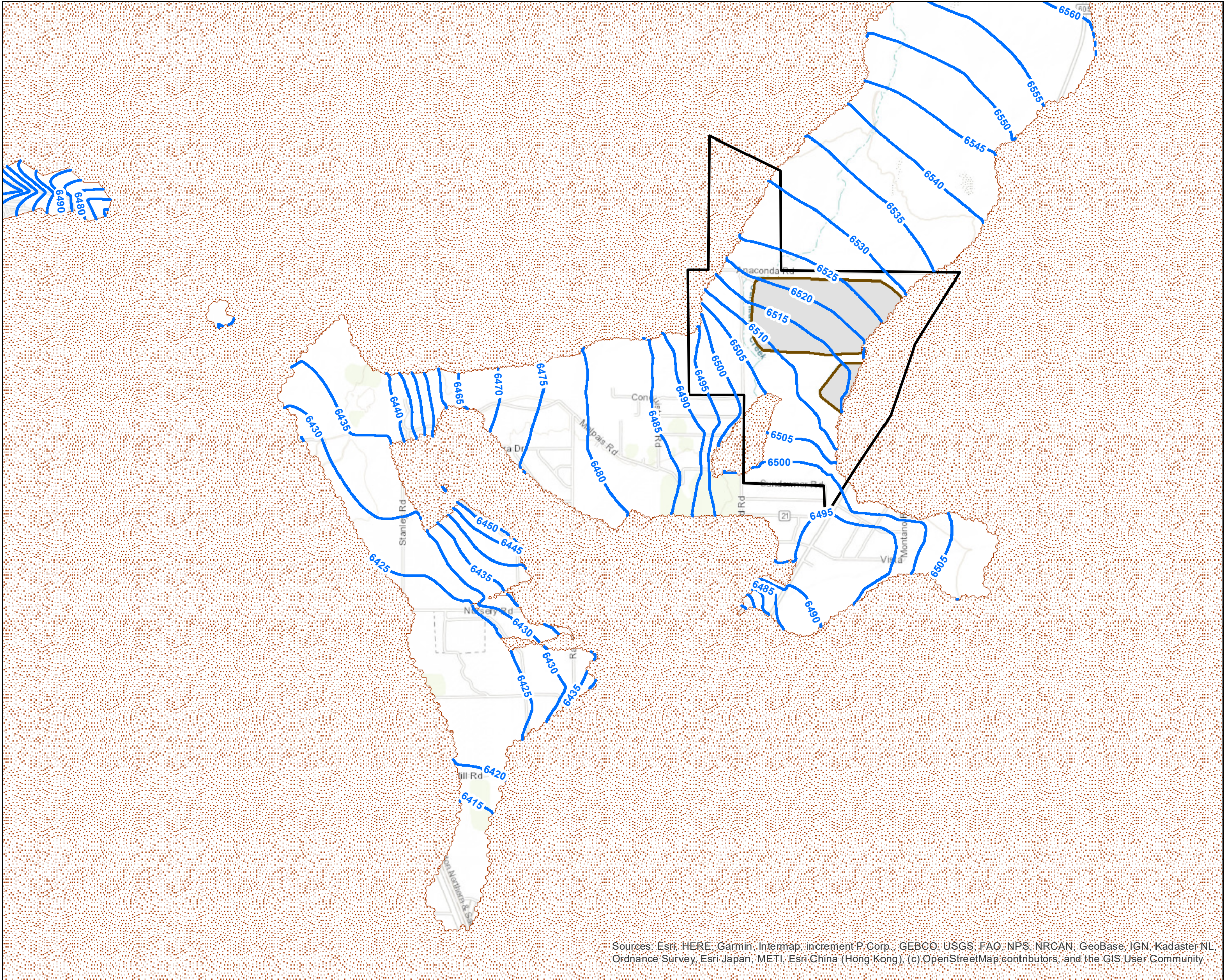


**50 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Lower Recharge Sensitivity**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-38	Appv'd By:	KKZ





FIGURE C-38



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

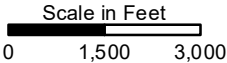


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  100-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

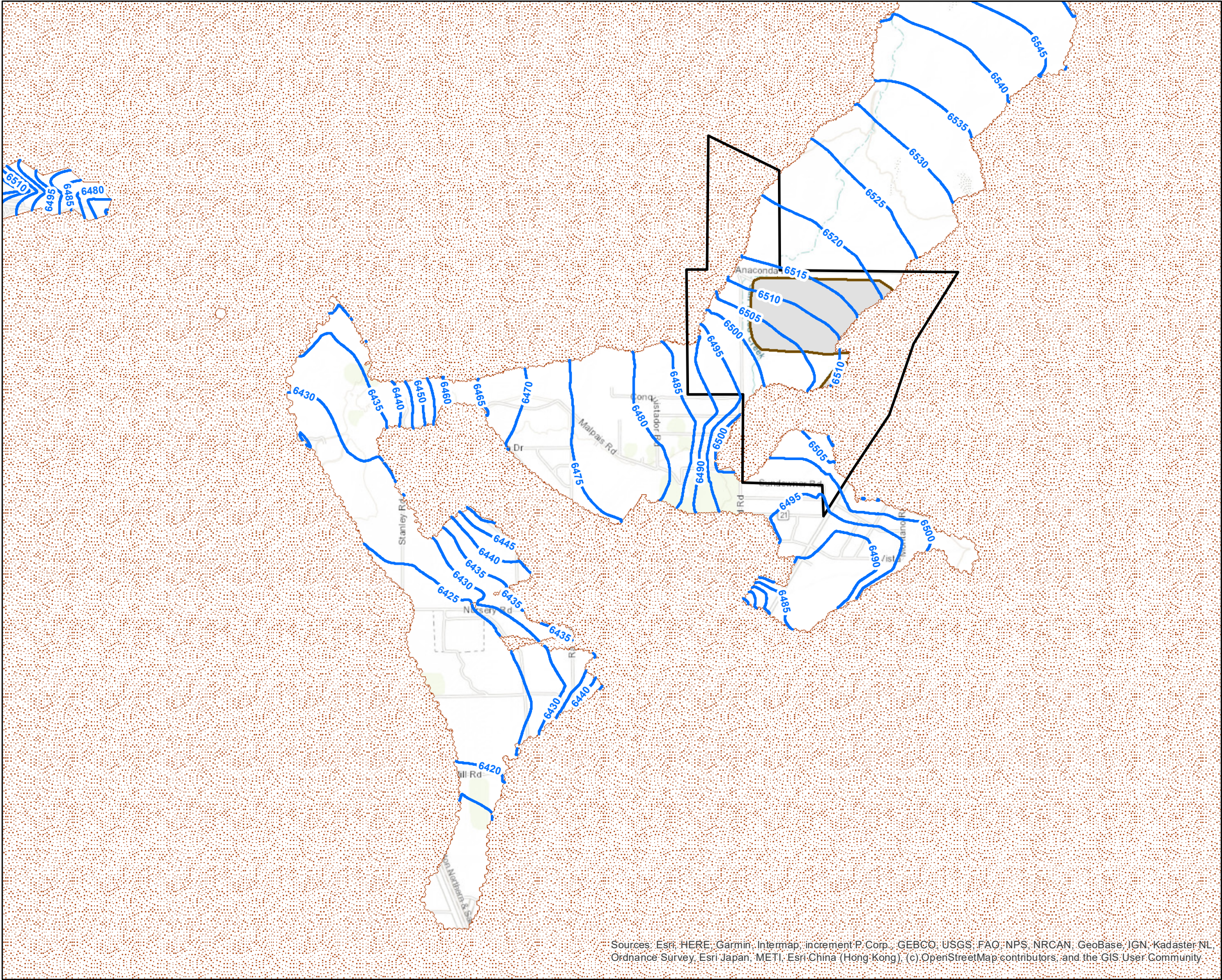


100 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Lower Recharge Sensitivity

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-39	Appv'd By:	KKZ





FIGURE C-39



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  150-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

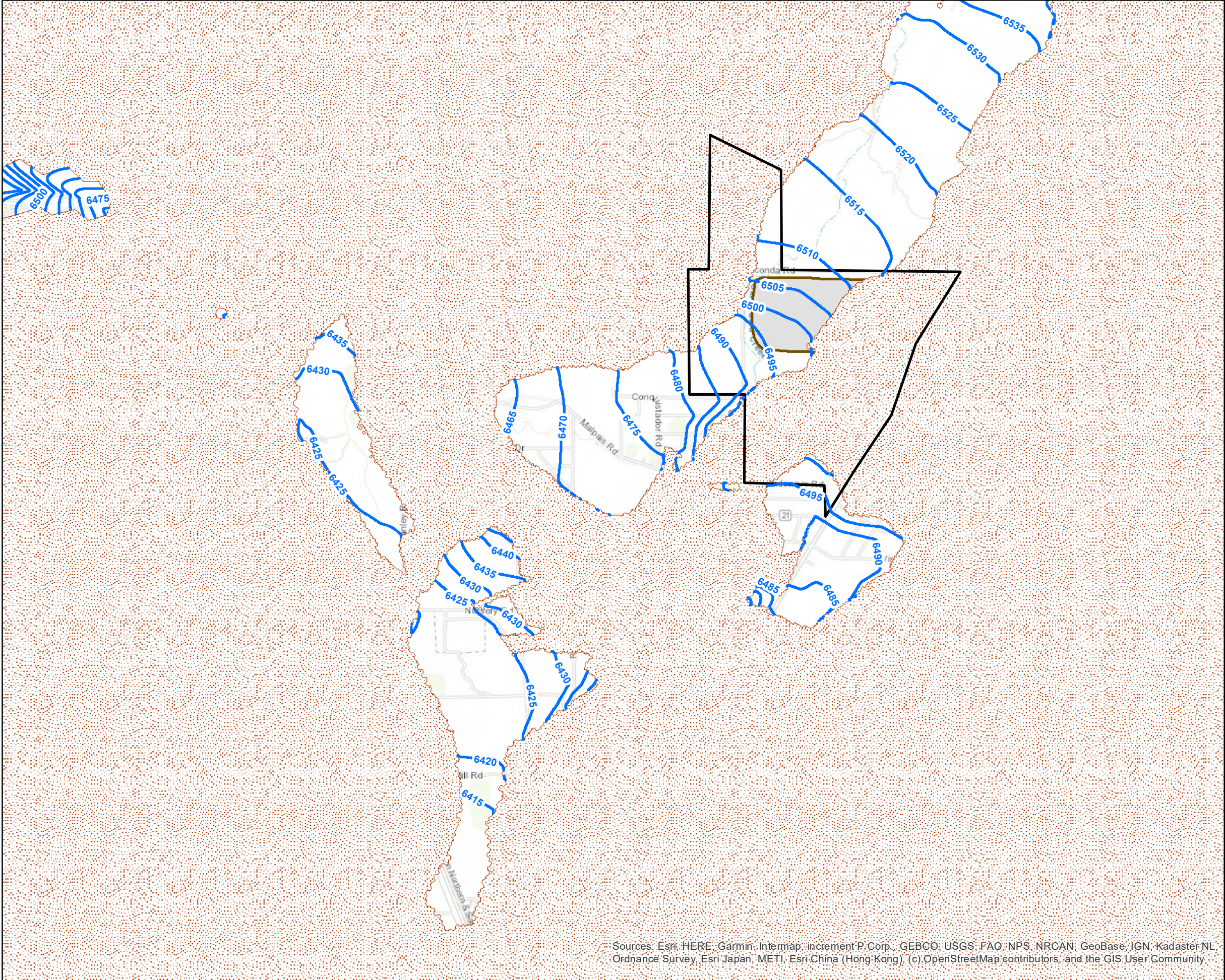


150 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Lower Recharge Sensitivity

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-40	Appv'd By:	KKZ





FIGURE C-40



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

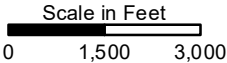


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  200-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

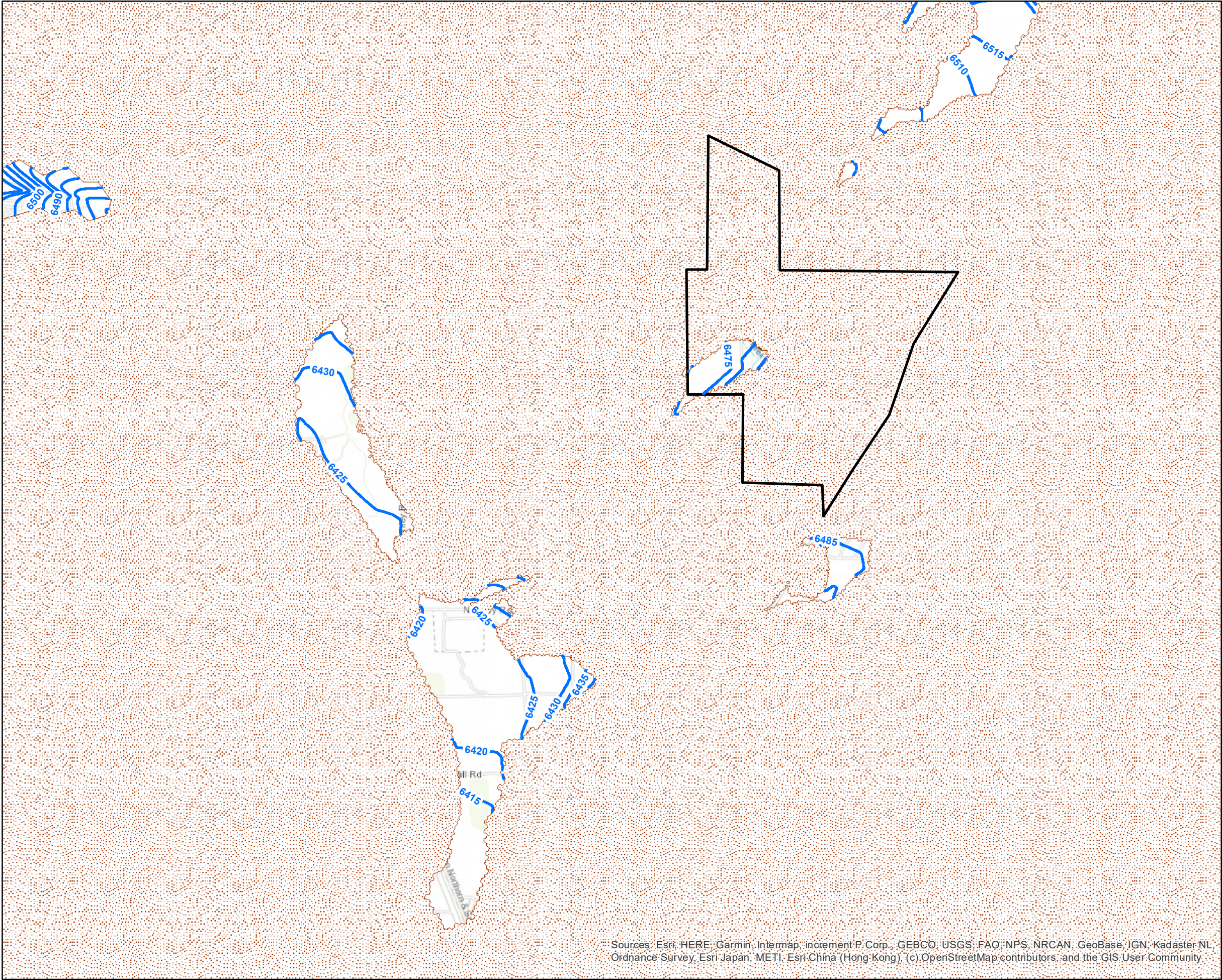


200 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Lower Recharge Sensitivity

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-41	Appv'd By:	KKZ





FIGURE C-41



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  400-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

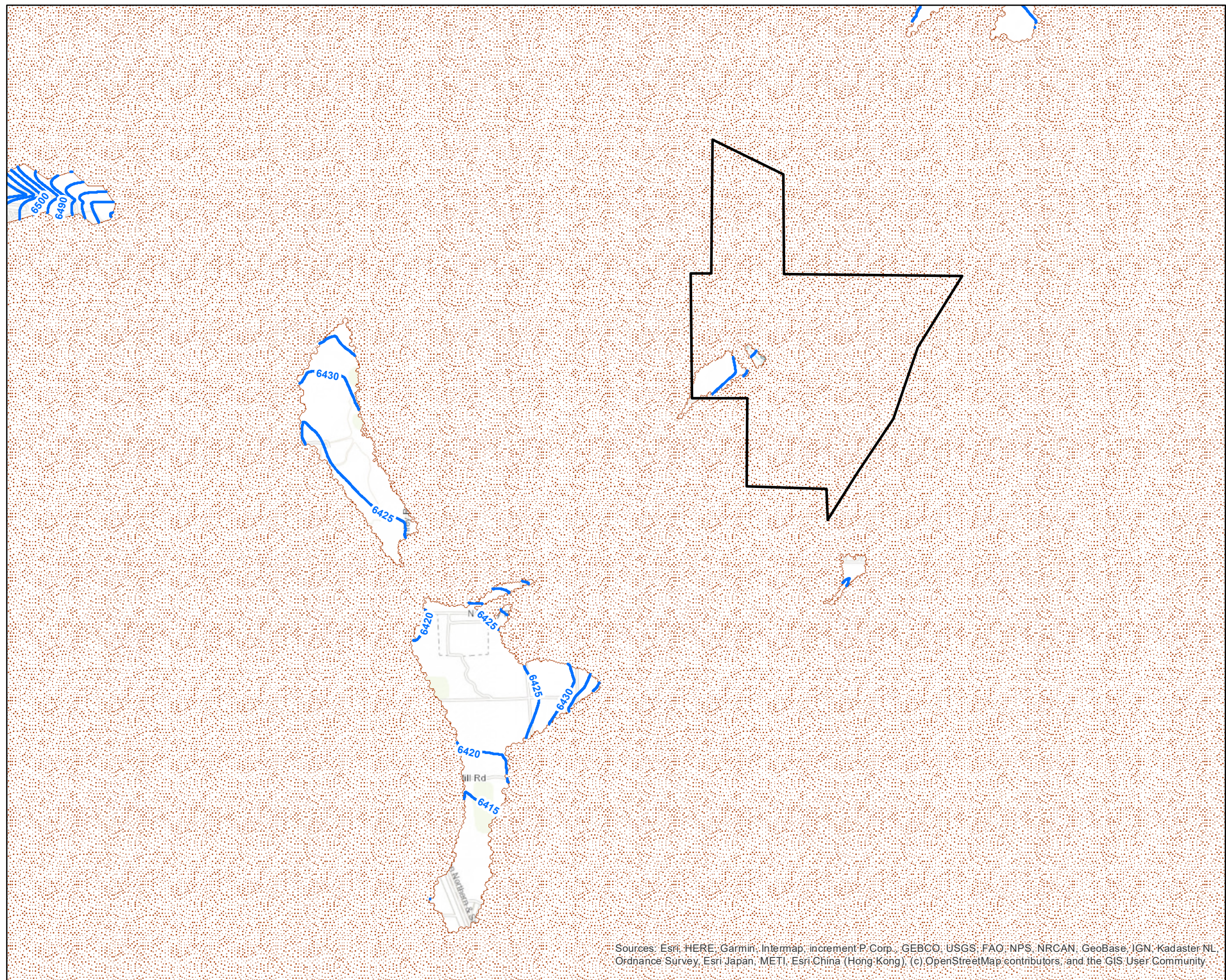


400 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Lower Recharge Sensitivity





Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-42	Appv'd By:	KKZ

FIGURE C-42



LEGEND

-  NRC License Boundary
 LTP and STP Footprints
 Simulated Dry Cells
 800-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico
State Plane West (Feet)

Scale in Feet

0 1,500 3,000

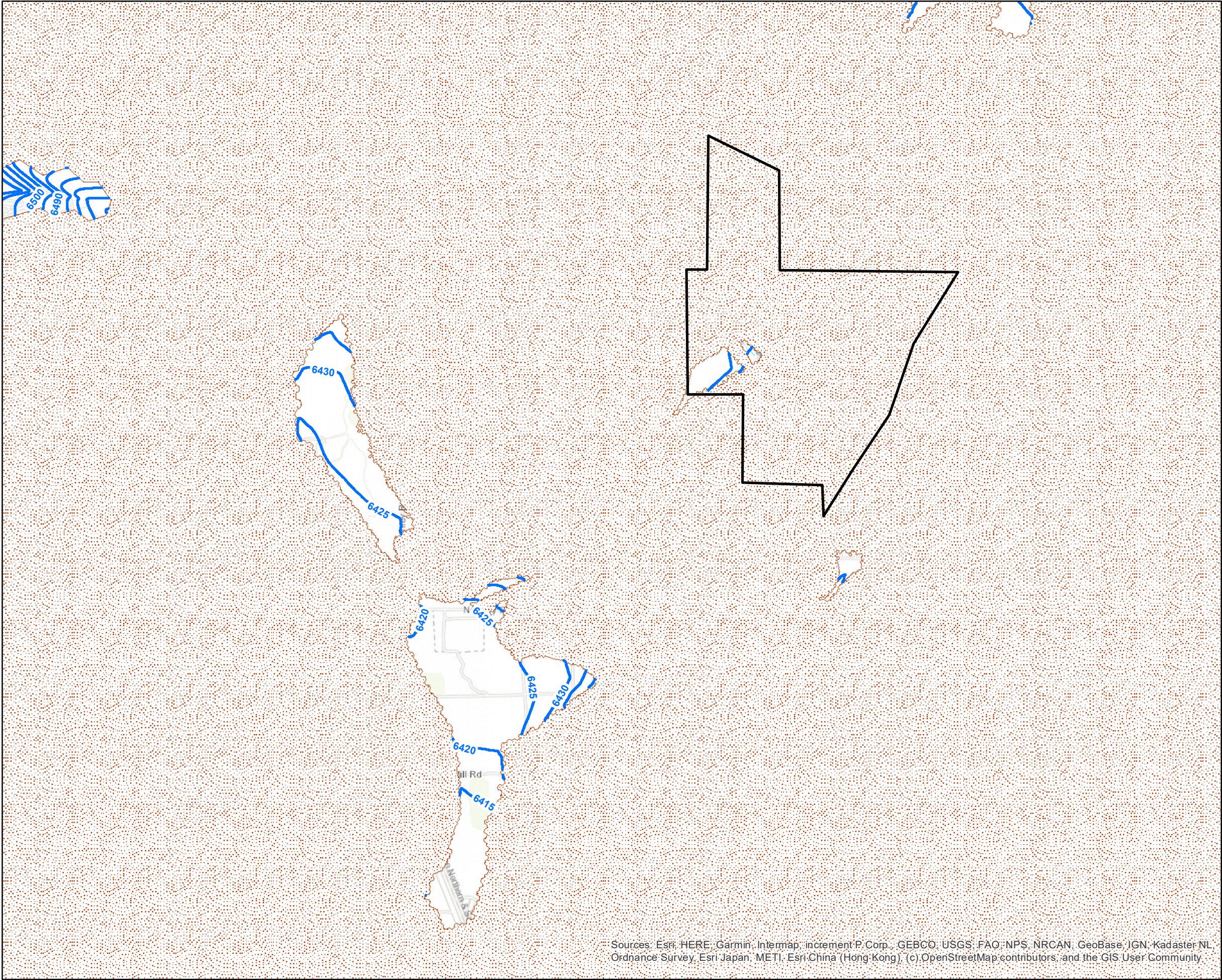


**800 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Lower Recharge Sensitivity**





Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-43	App'v'd By:	KKZ

FIGURE C-43



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  1000-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

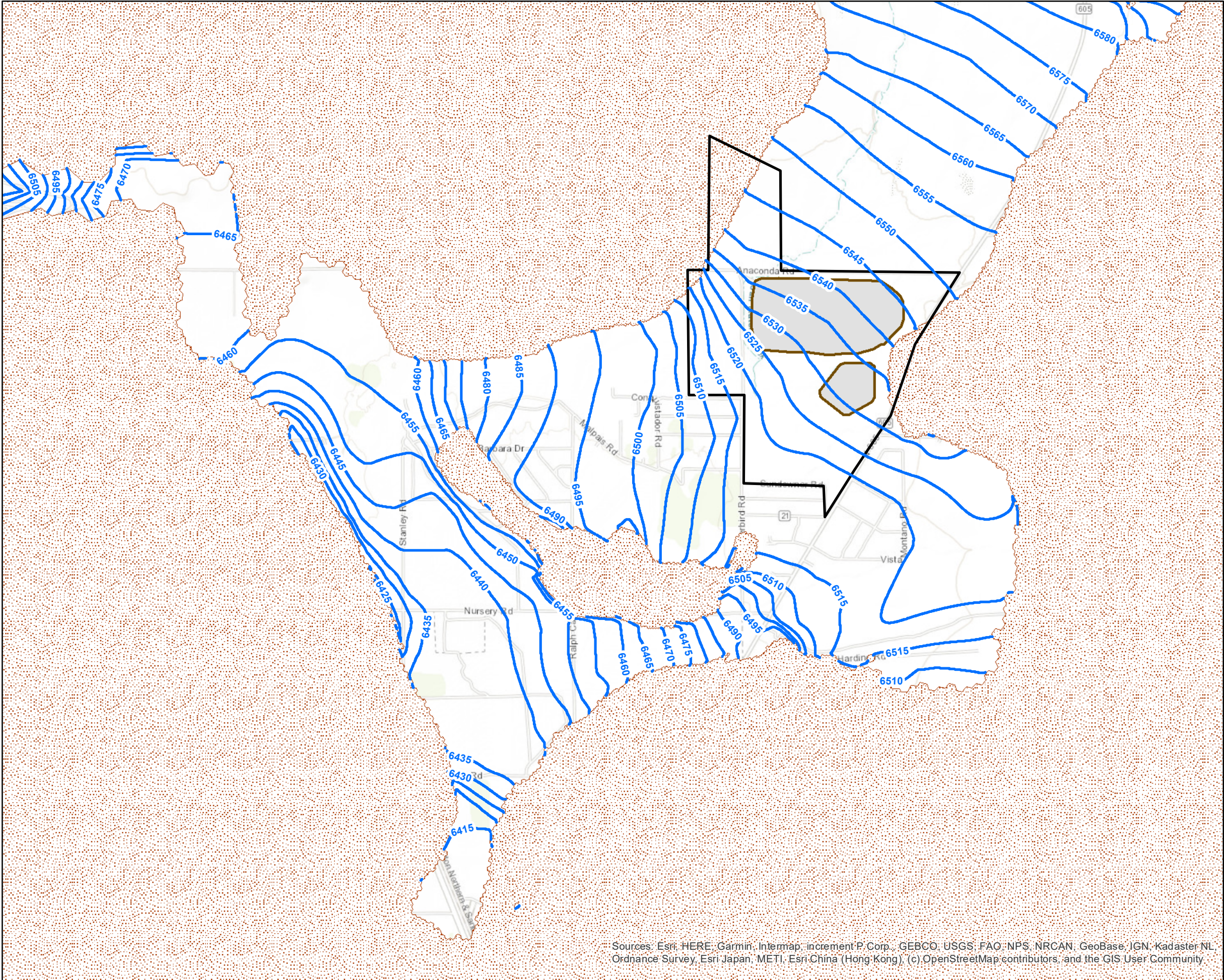


1000 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Lower Recharge Sensitivity

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-44	Appv'd By:	KKZ





FIGURE C-44



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

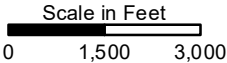


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  10-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

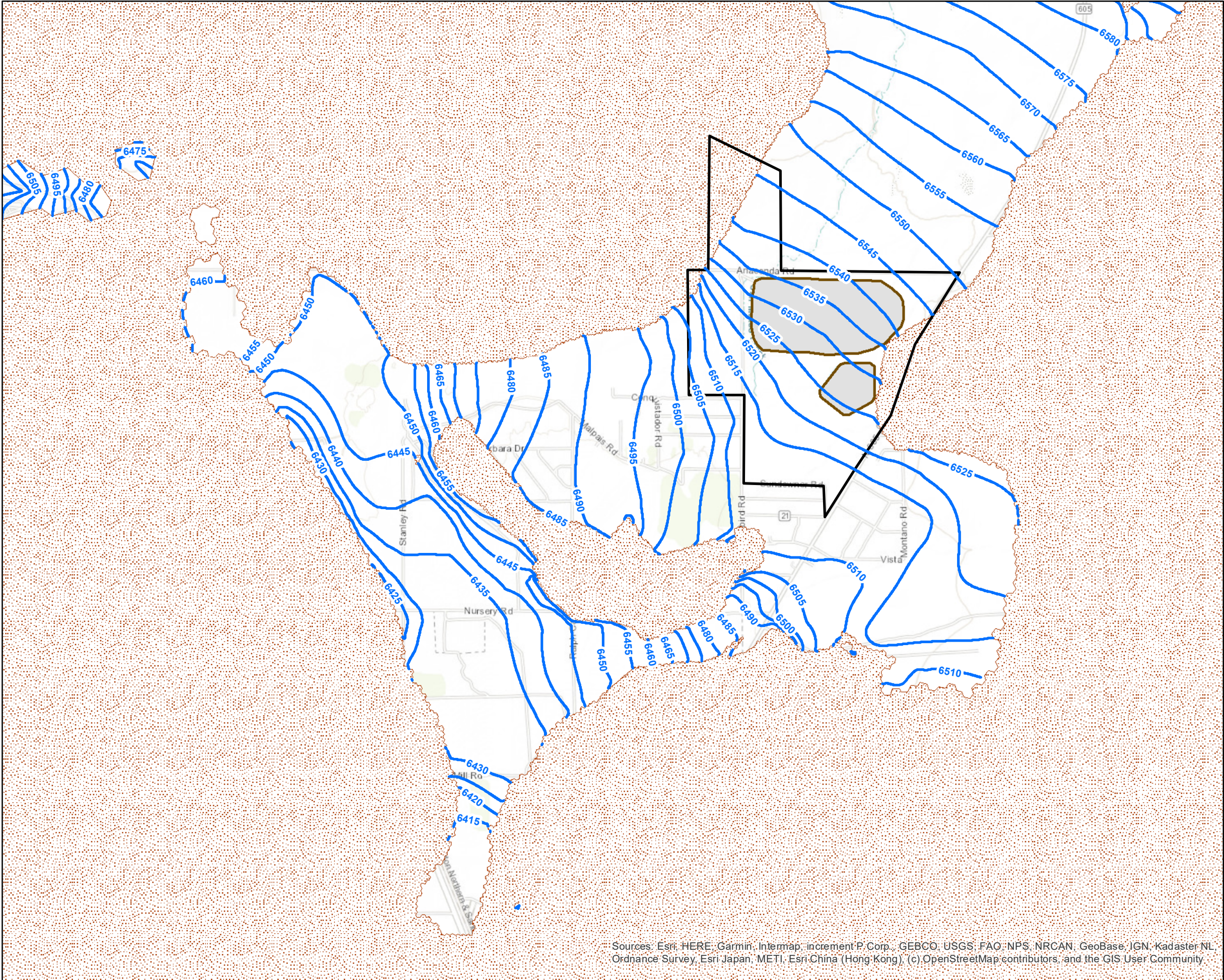


**10 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Higher Recharge Sensitivity**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-45	Appv'd By:	KKZ





FIGURE C-45



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

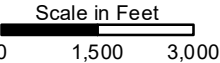


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  20-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

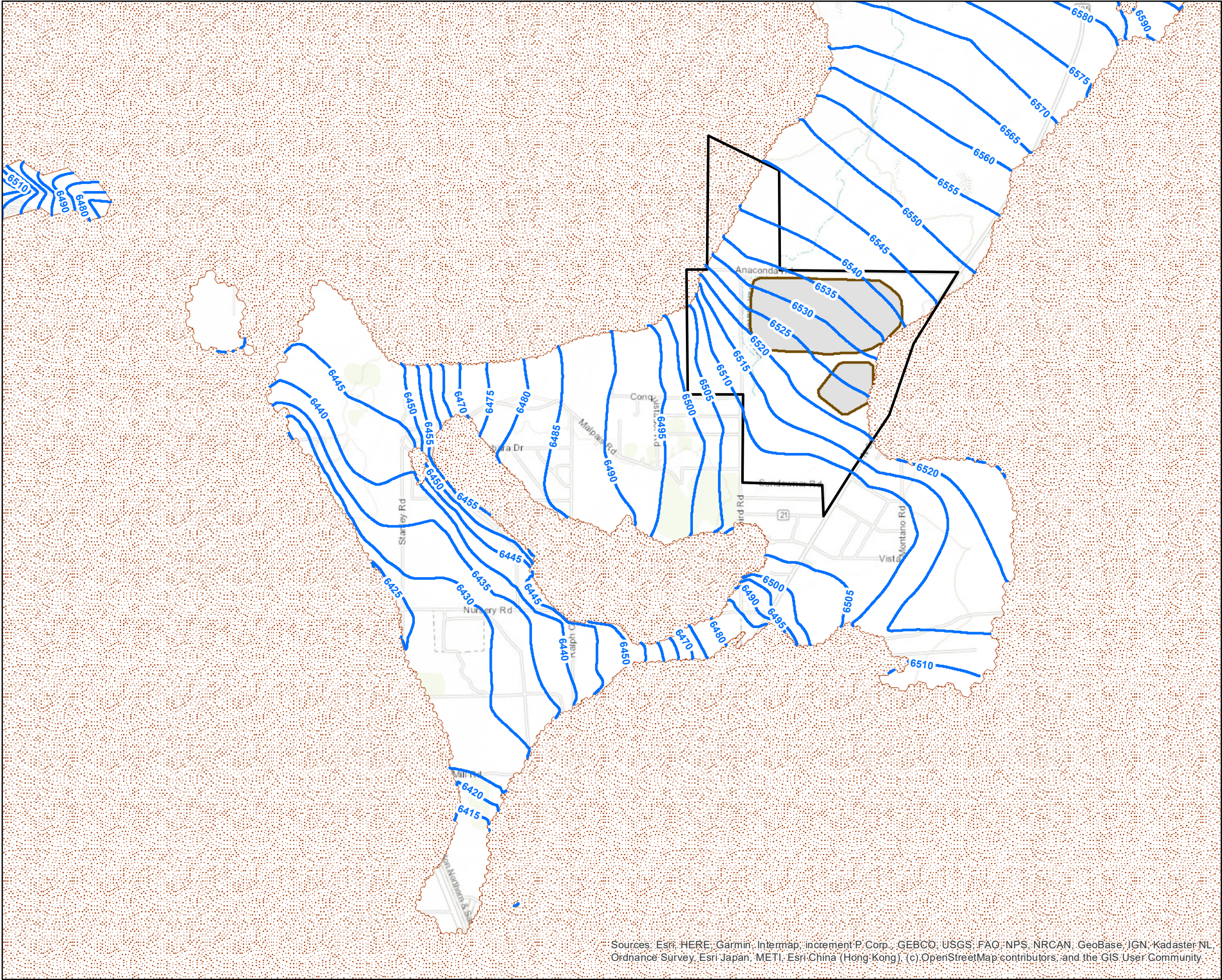


20 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Higher Recharge Sensitivity

Grants Reclamation Project
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Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-46	Appv'd By:	KKZ





FIGURE C-46



Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

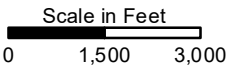


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  30-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

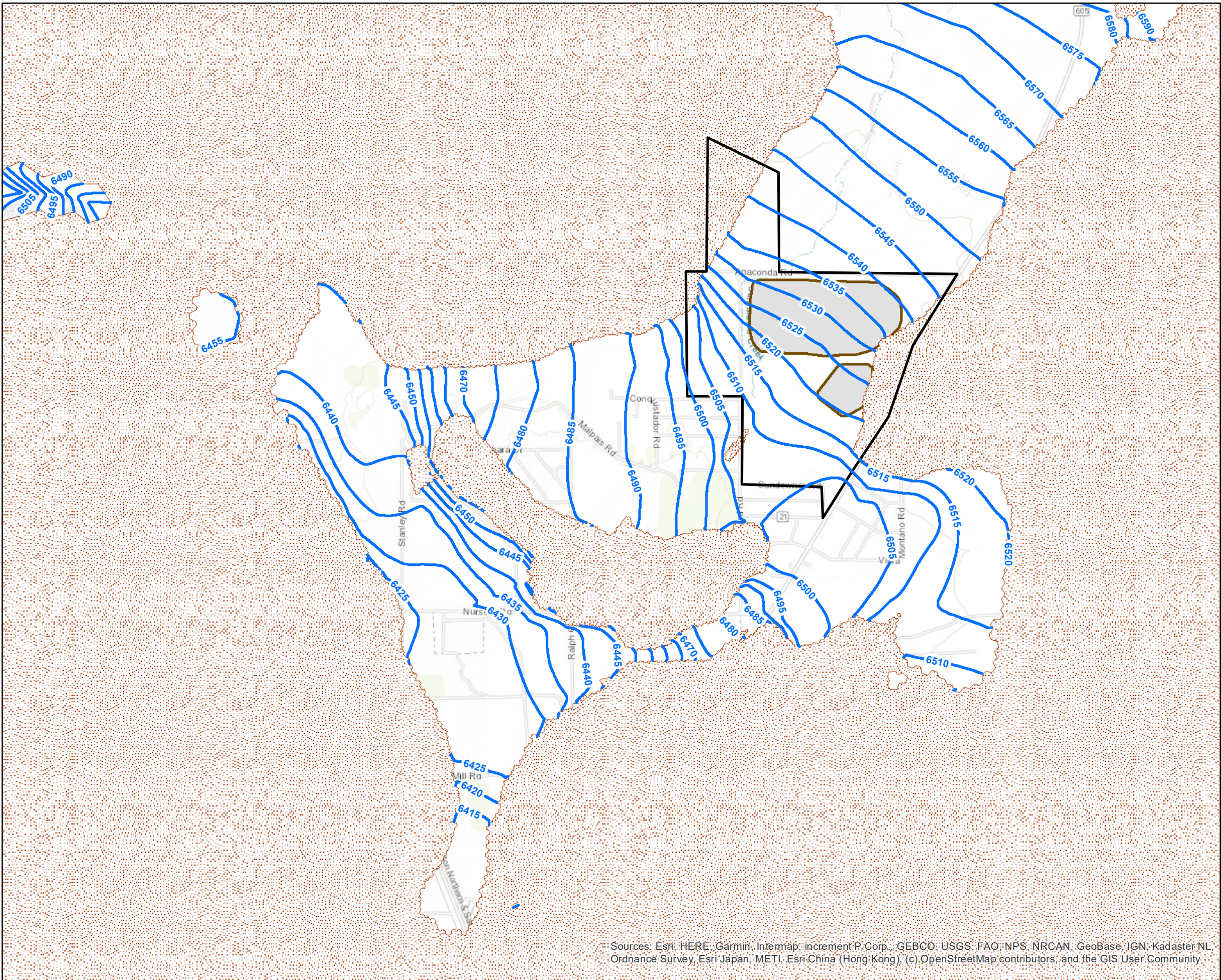


**30 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Higher Recharge Sensitivity**

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-47	Appv'd By:	KKZ





FIGURE C-47



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

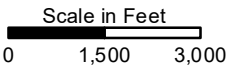


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  40-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

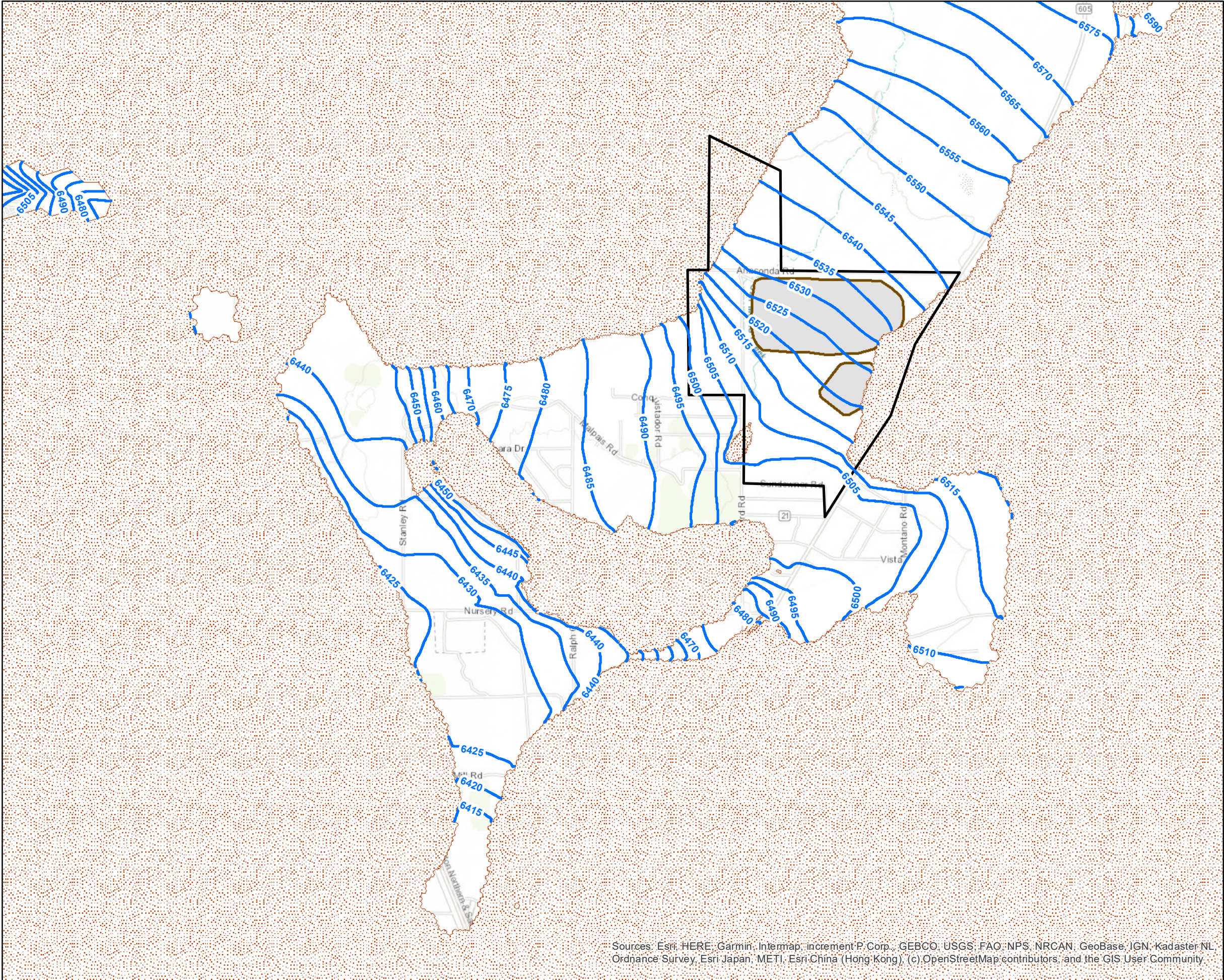


40 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Higher Recharge Sensitivity

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-48	Appv'd By:	KKZ





FIGURE C-48



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

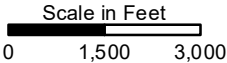


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  50-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

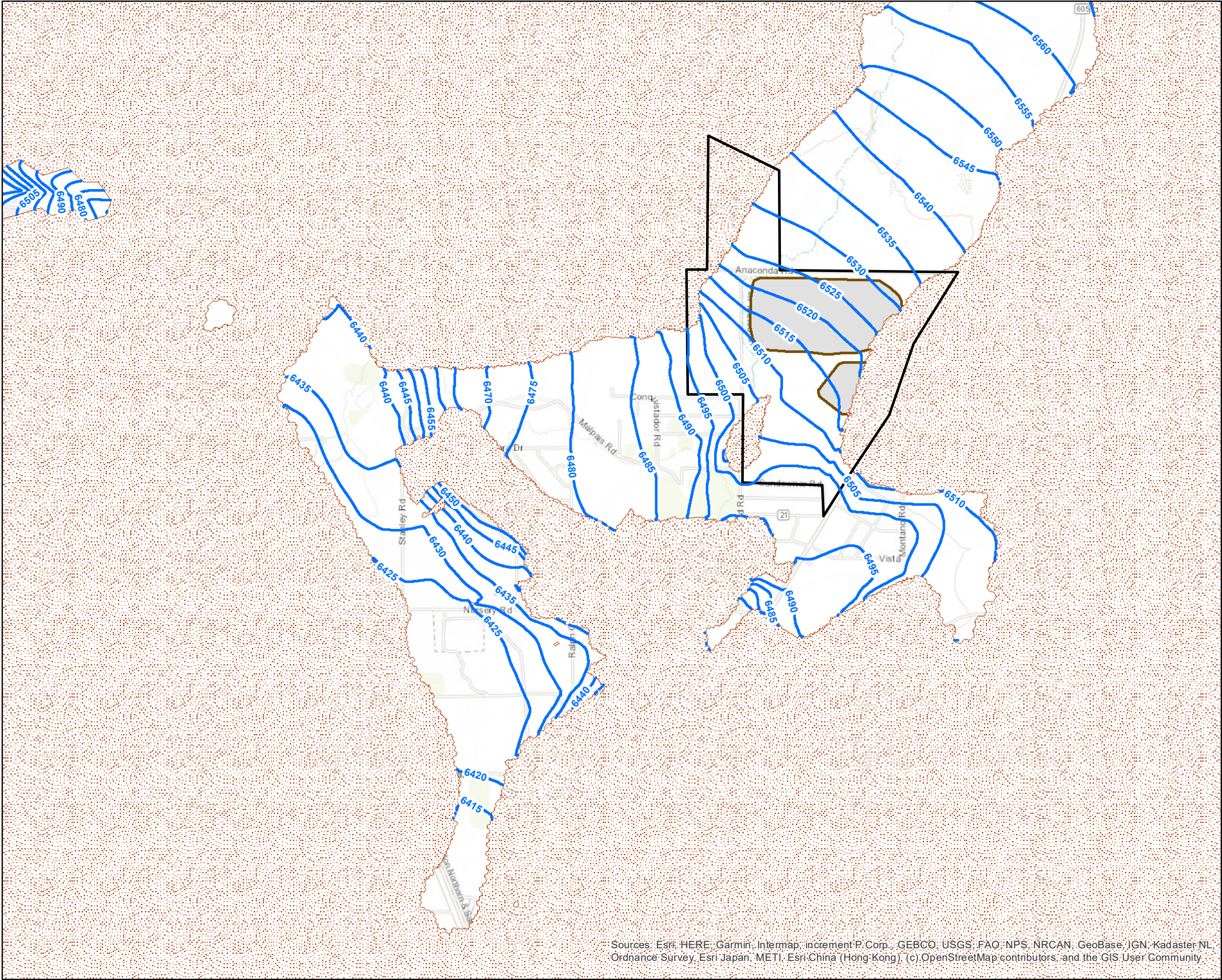


**50 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Higher Recharge Sensitivity**





Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-49	Appv'd By:	KKZ

FIGURE C-49



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  100-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000



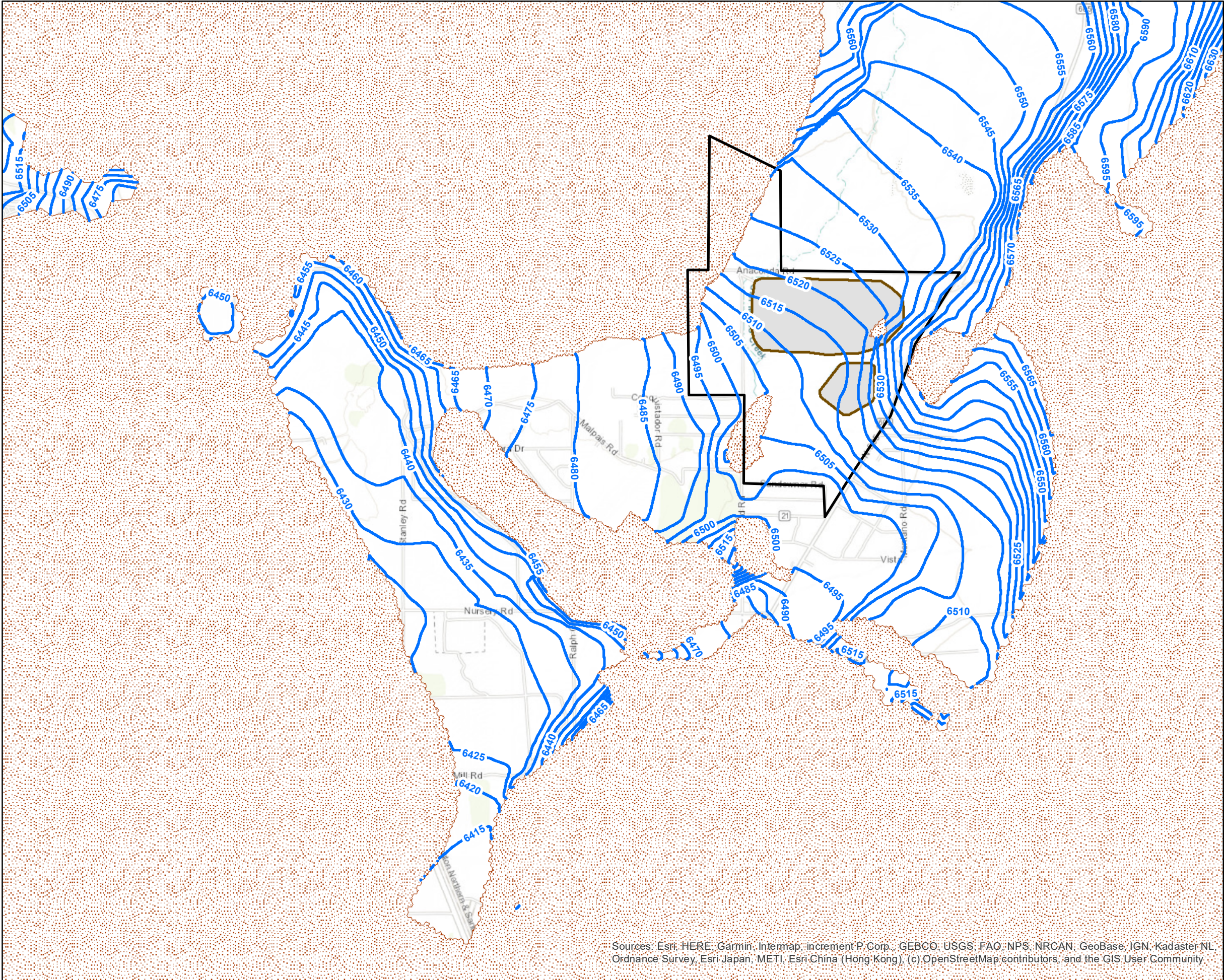
100 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Higher Recharge Sensitivity

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-50	Appv'd By:	KKZ

FIGURE C-50





Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

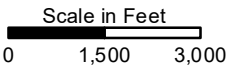


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  150-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

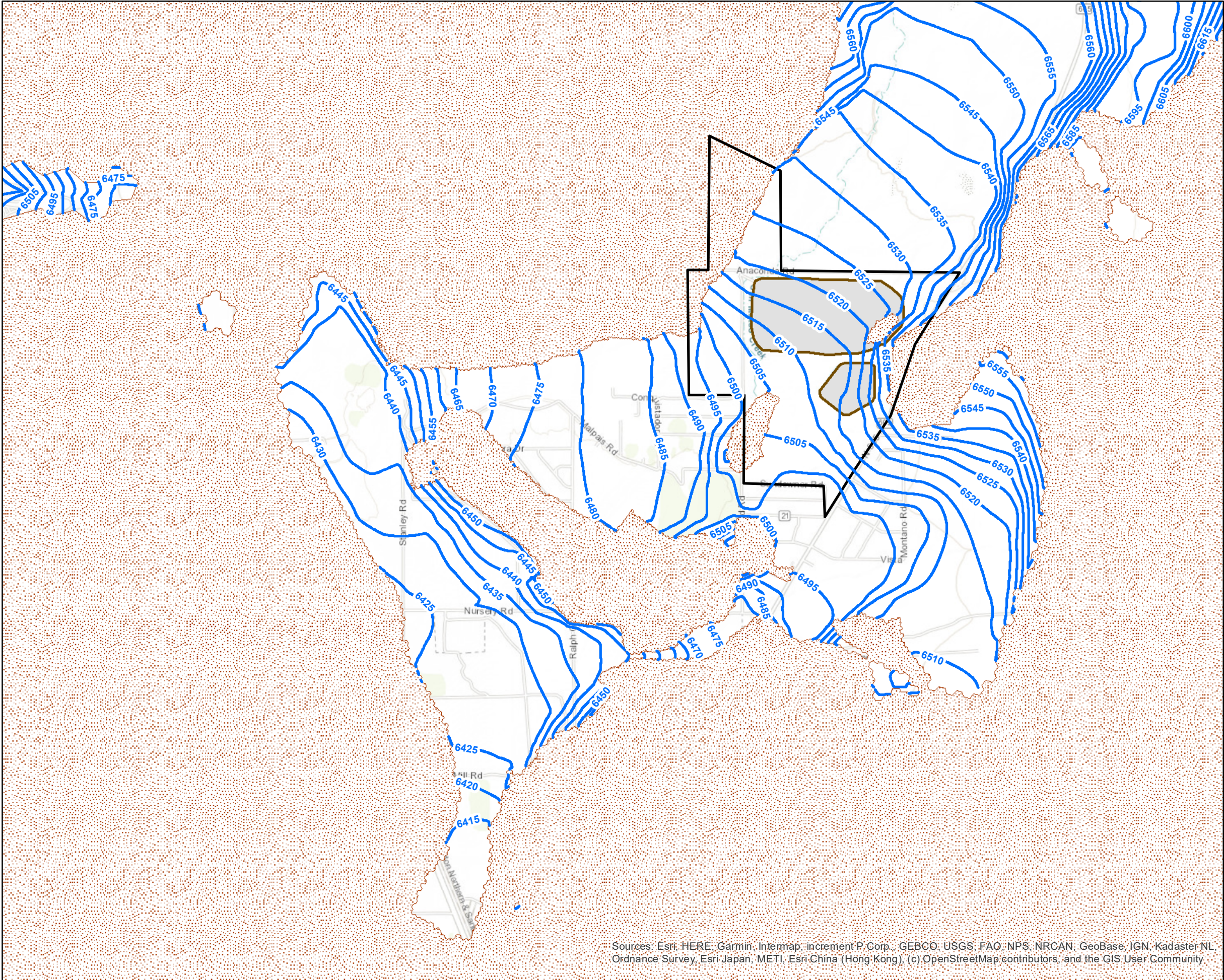


150 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Higher Recharge Sensitivity

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-51	Appv'd By:	KKZ





FIGURE C-51



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

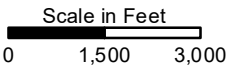


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  200-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

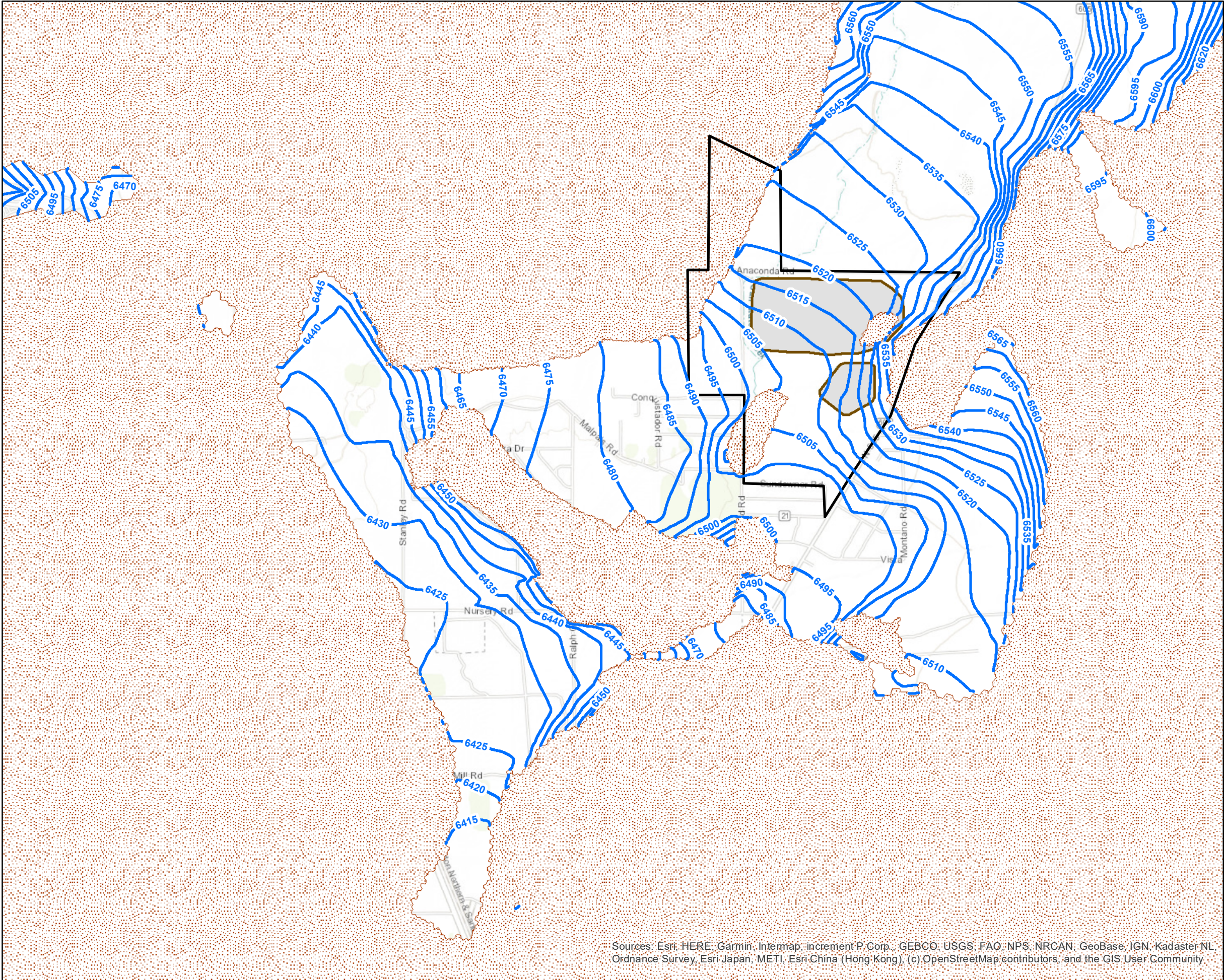


200 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Higher Recharge Sensitivity

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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-52	Appv'd By:	KKZ





FIGURE C-52



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

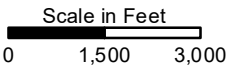


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  400-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

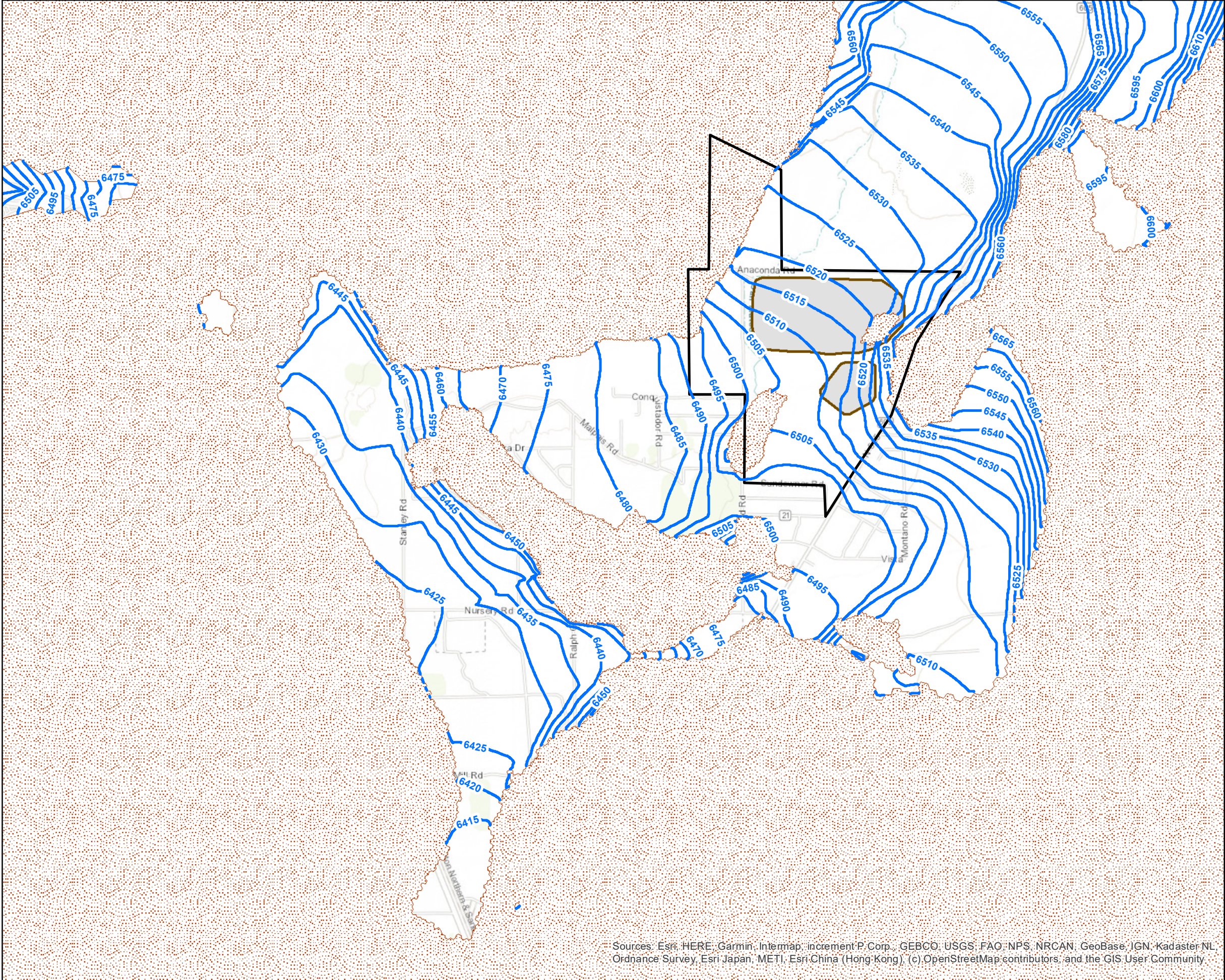


400 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Higher Recharge Sensitivity





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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-53	Appv'd By:	KKZ

FIGURE C-53



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  800-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

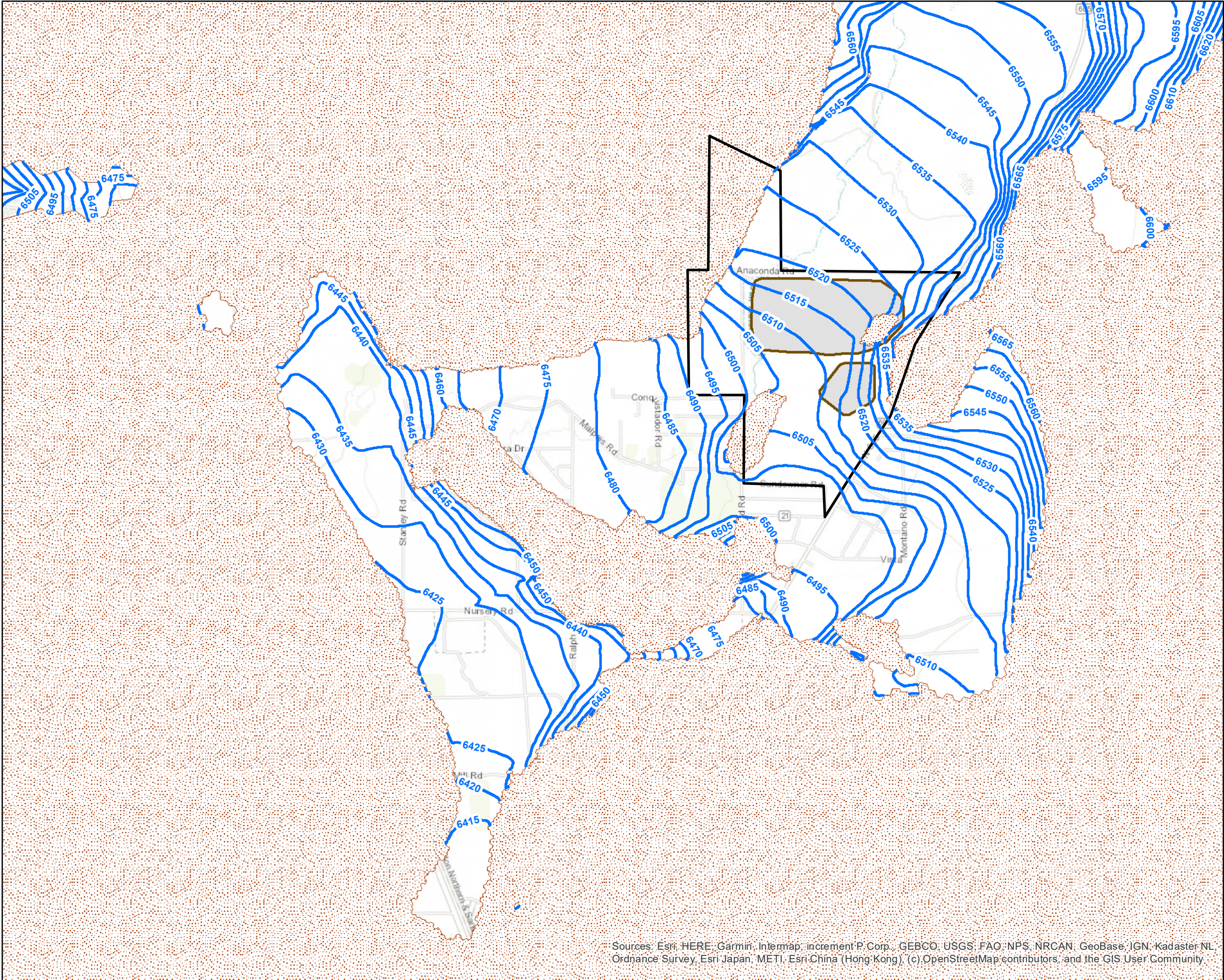


800 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Higher Recharge Sensitivity

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Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-54	Appv'd By:	KKZ





FIGURE C-54



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

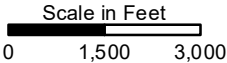


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  1000-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

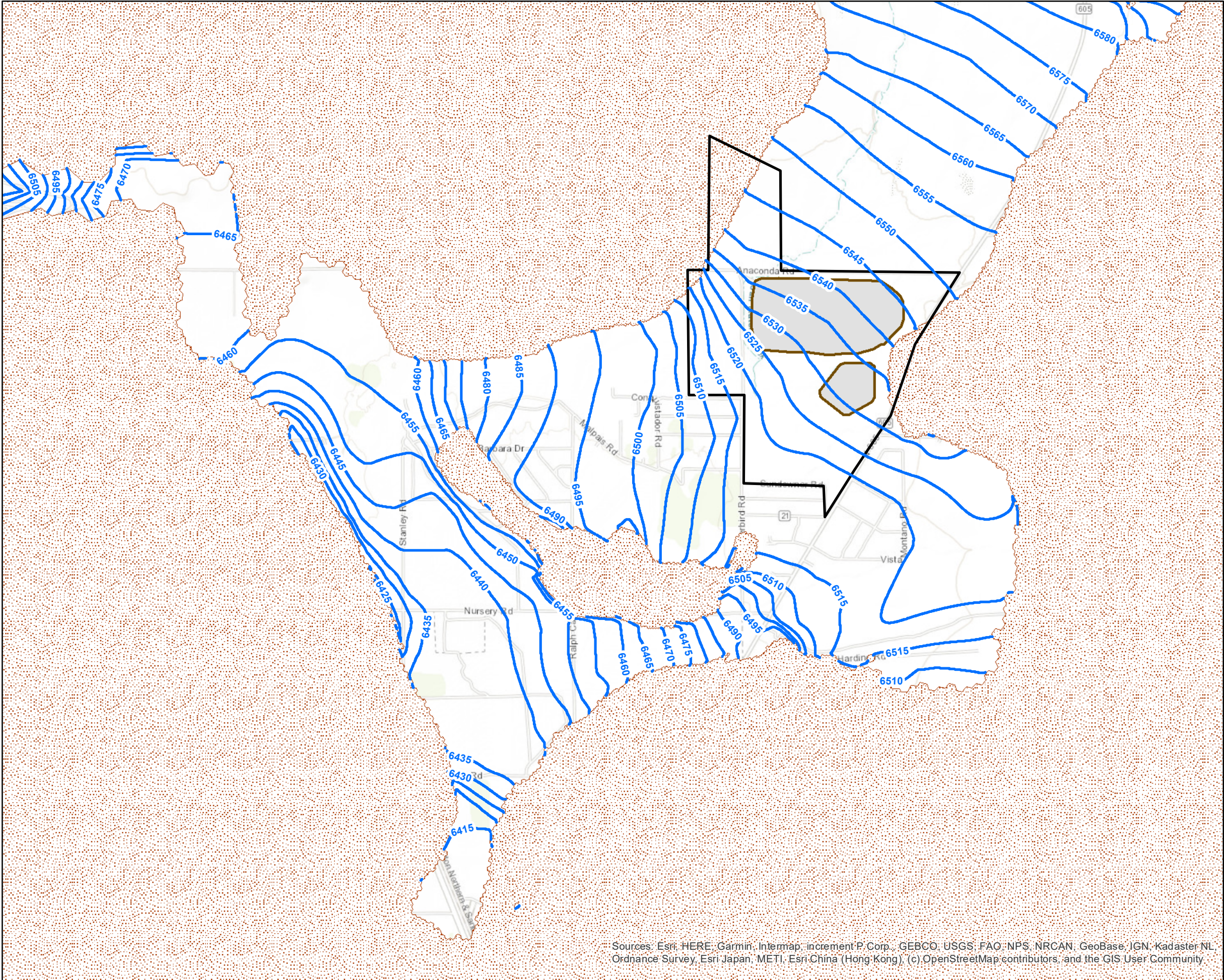


**1000 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Higher Recharge Sensitivity**

Grants Reclamation Project
Groundwater Fate and Transport
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Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-55	Appv'd By:	KKZ





FIGURE C-55



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

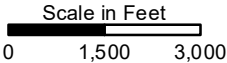


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  10-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

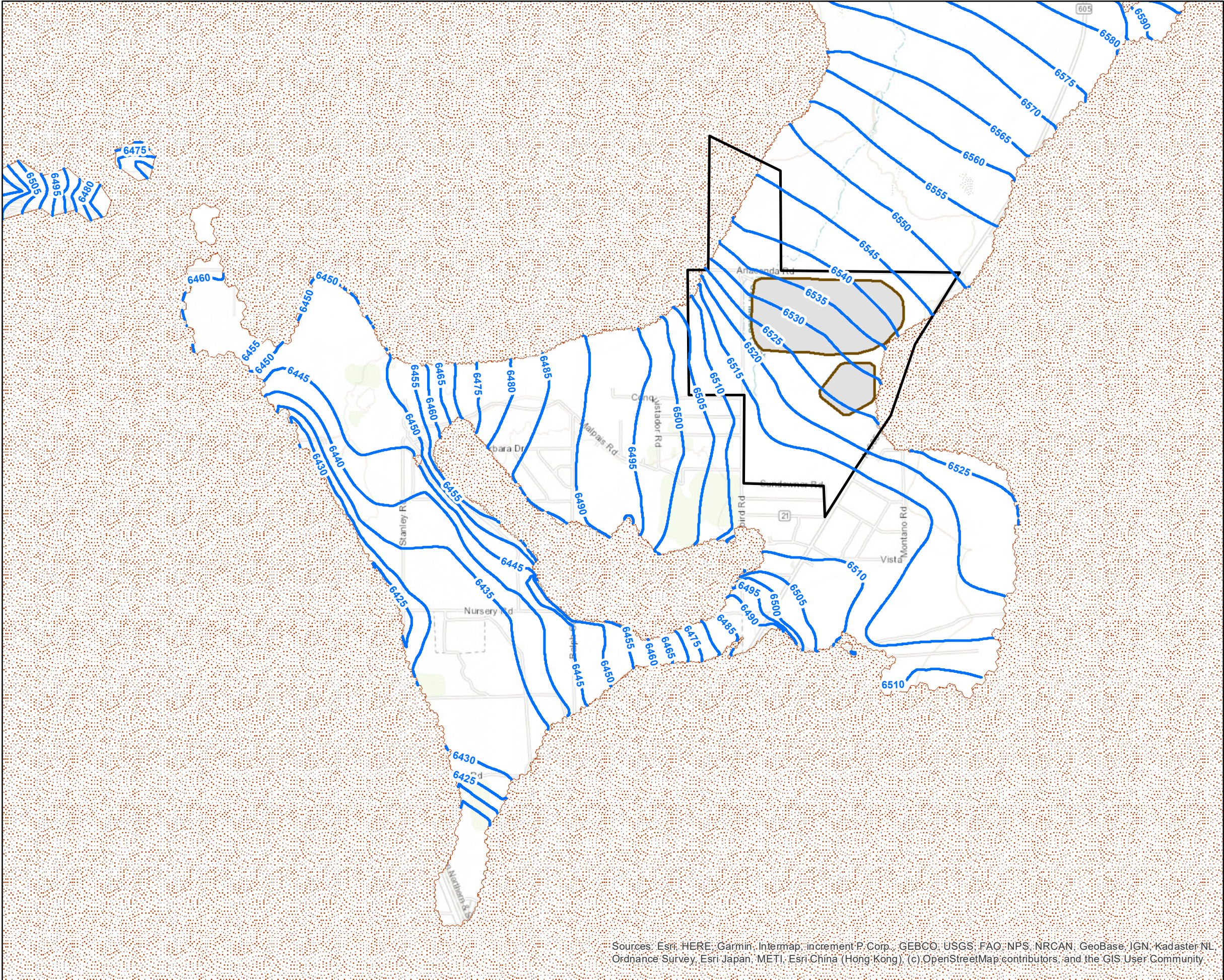


**10 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Bounding Case**





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Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-56	Appv'd By:	KKZ

FIGURE C-56



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  20-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

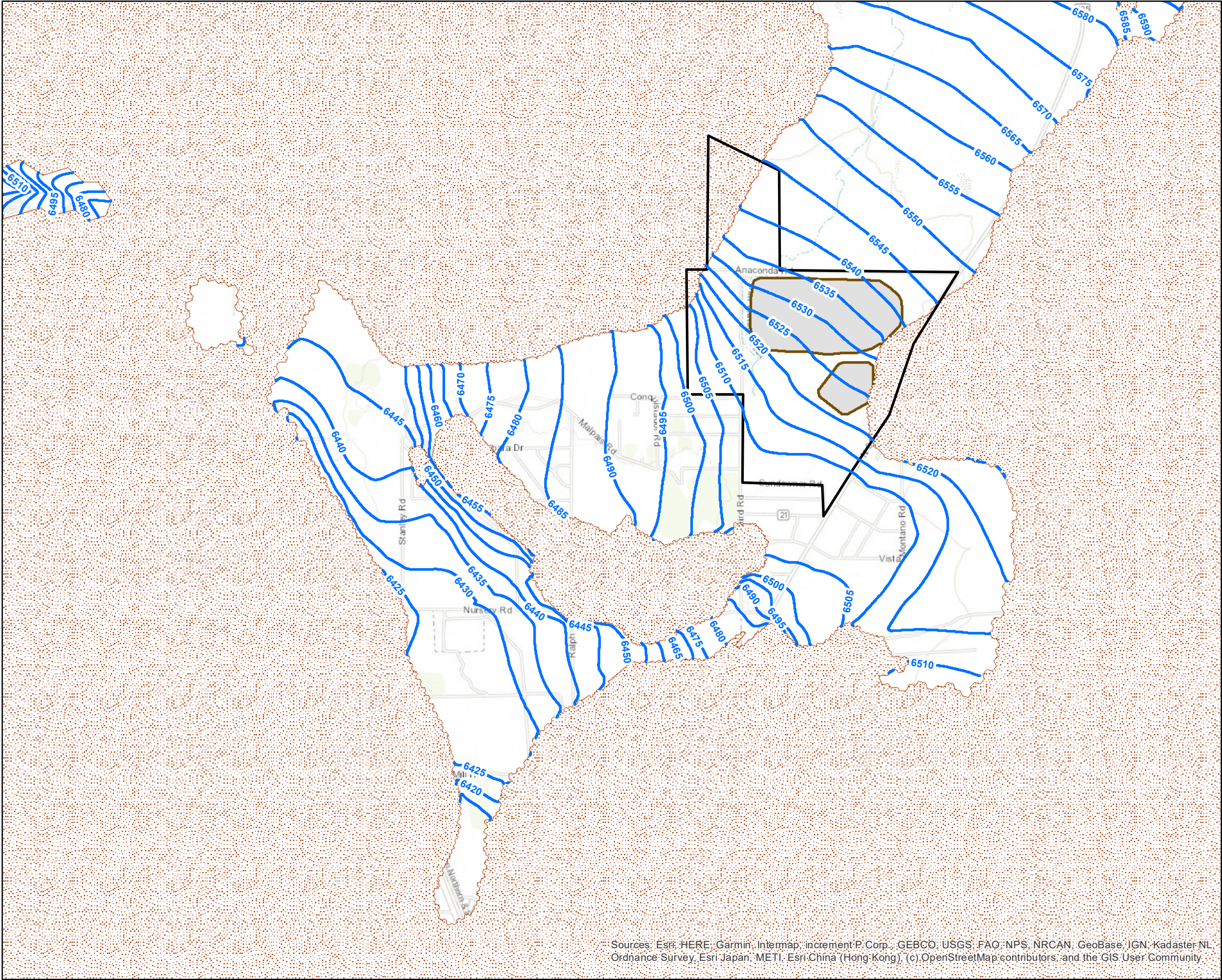


20 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Bounding Case

Grants Reclamation Project
Groundwater Fate and Transport
Modeling - Predictive Period Report
Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-57	Appv'd By:	KKZ





FIGURE C-57



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  30-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

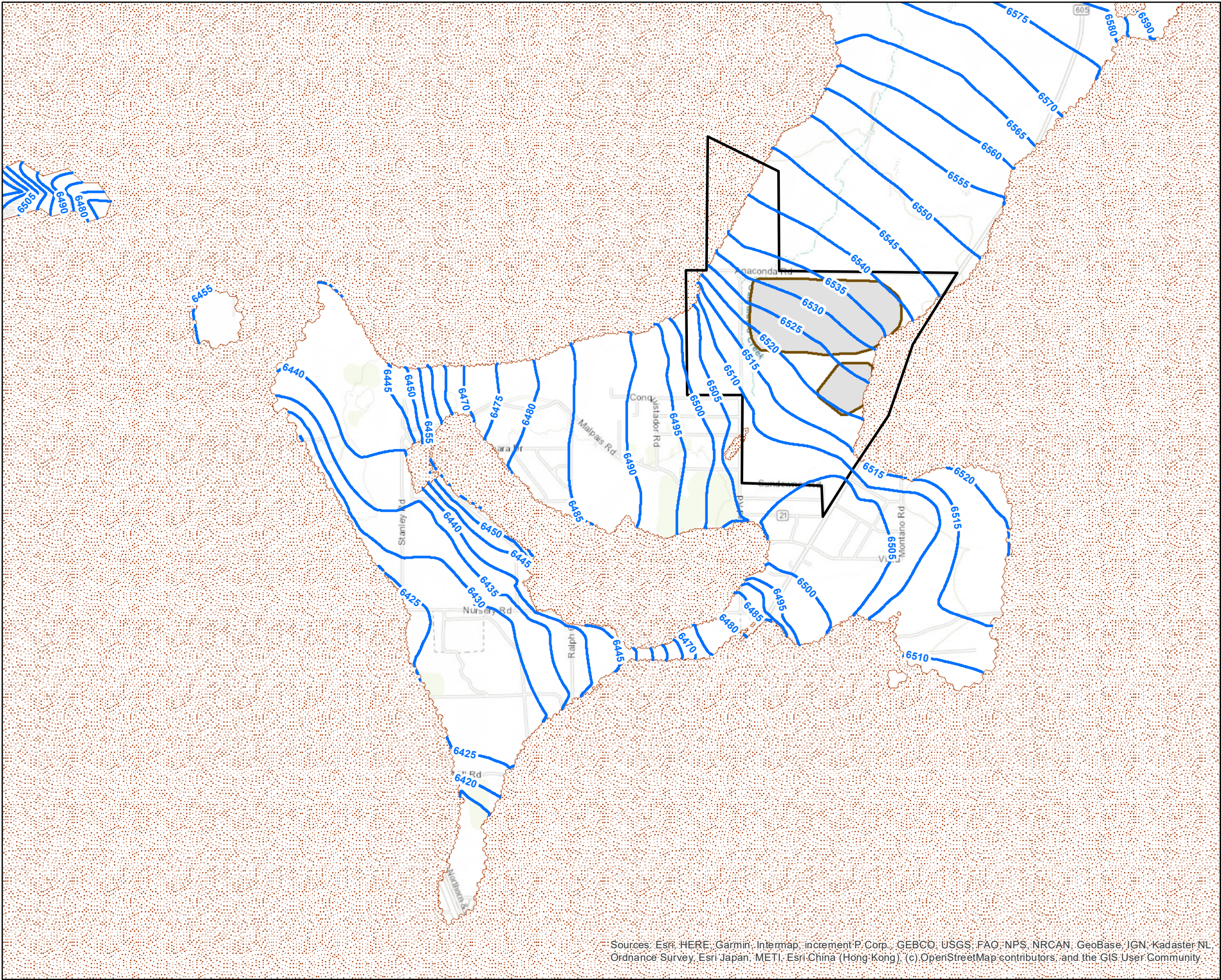


30 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Bounding Case

Grants Reclamation Project
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Grants, New Mexico

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-58	Appv'd By:	KKZ





FIGURE C-58



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

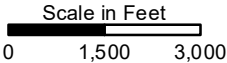


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  40-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

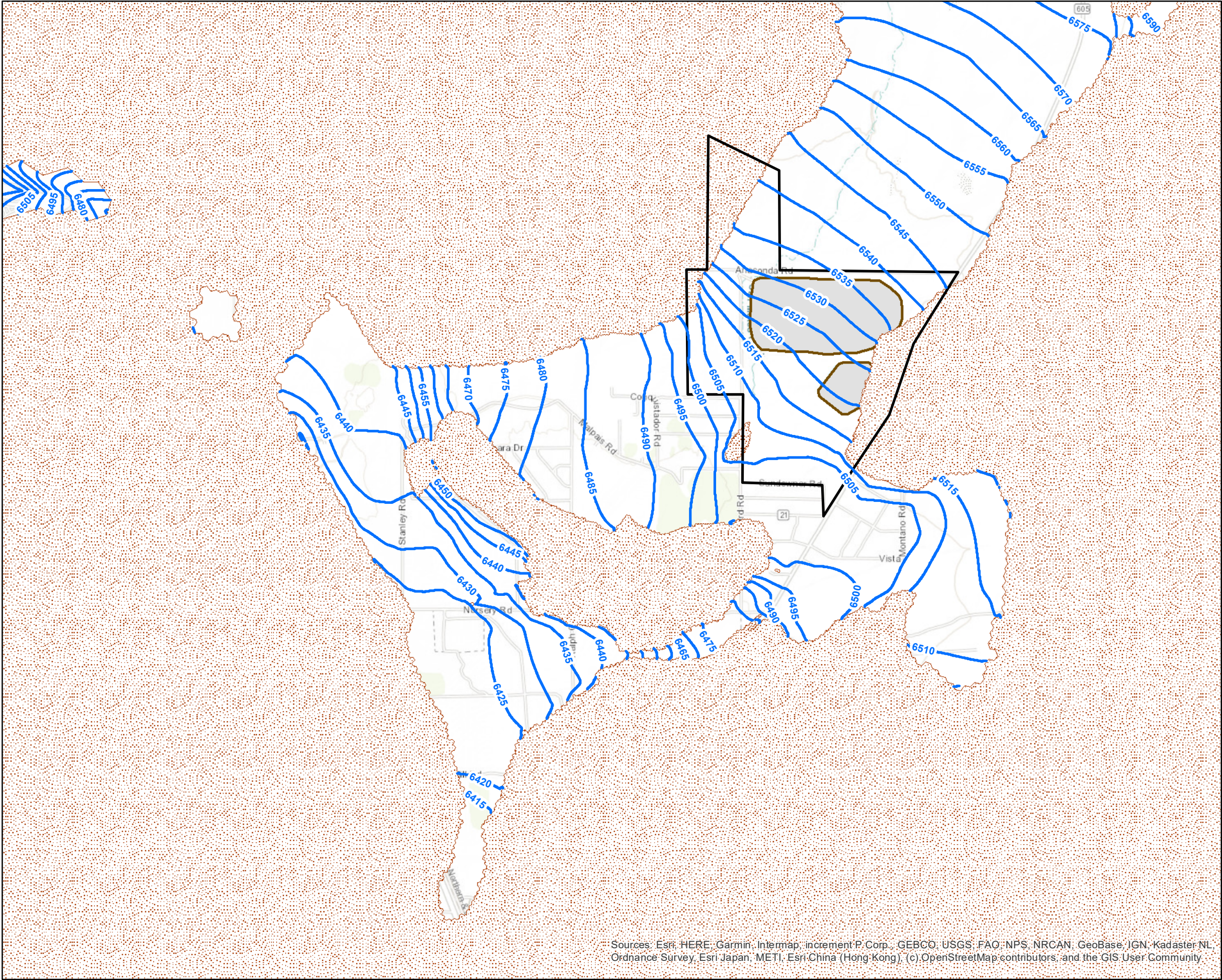


**40 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Bounding Case**

Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-59	Appv'd By:	KKZ





FIGURE C-59



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

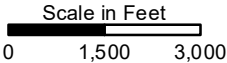


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  50-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

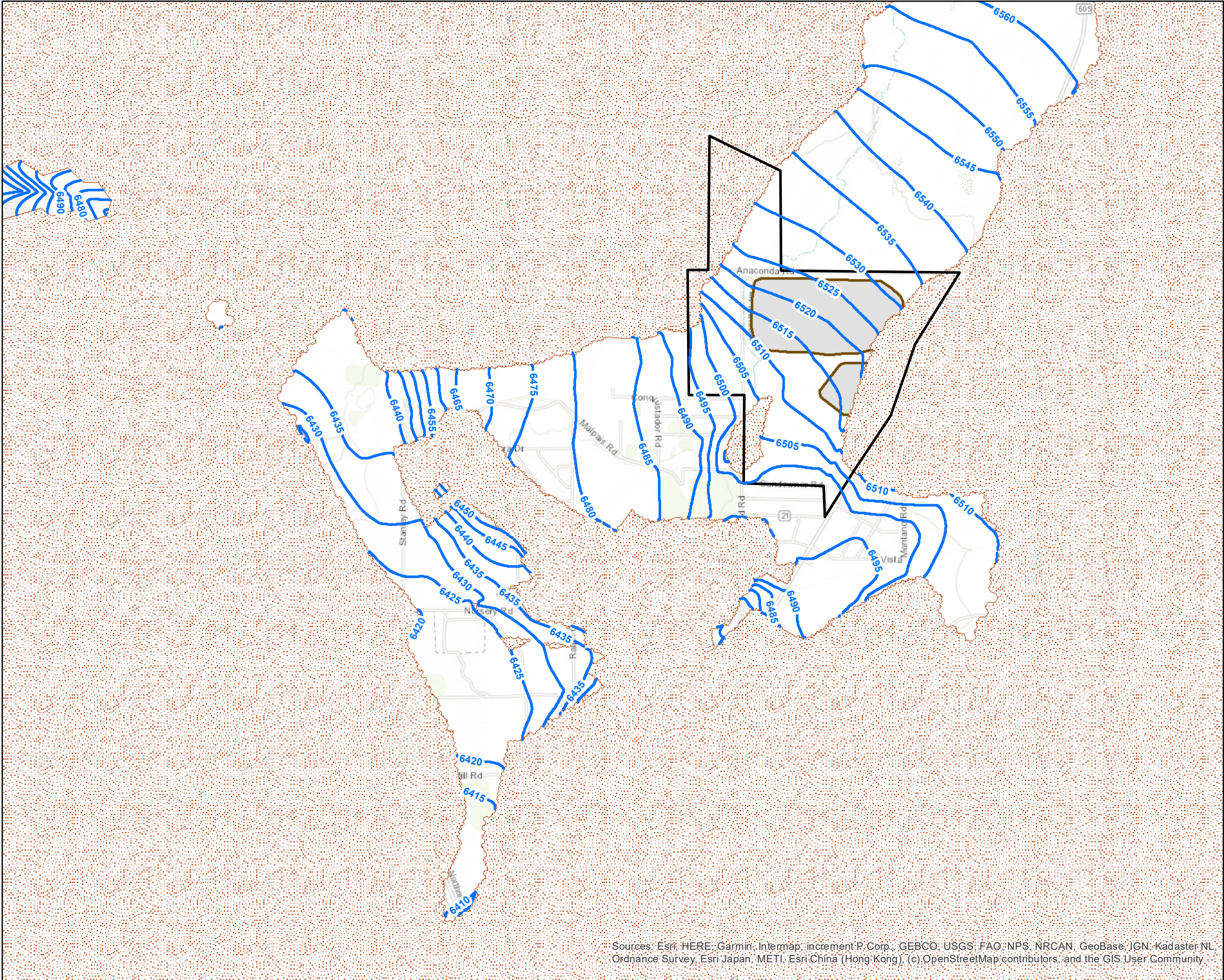


**50 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Bounding Case**

Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
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Map ID:	FigureC-60	Appv'd By:	KKZ





FIGURE C-60



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

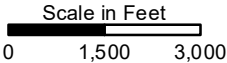


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  100-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

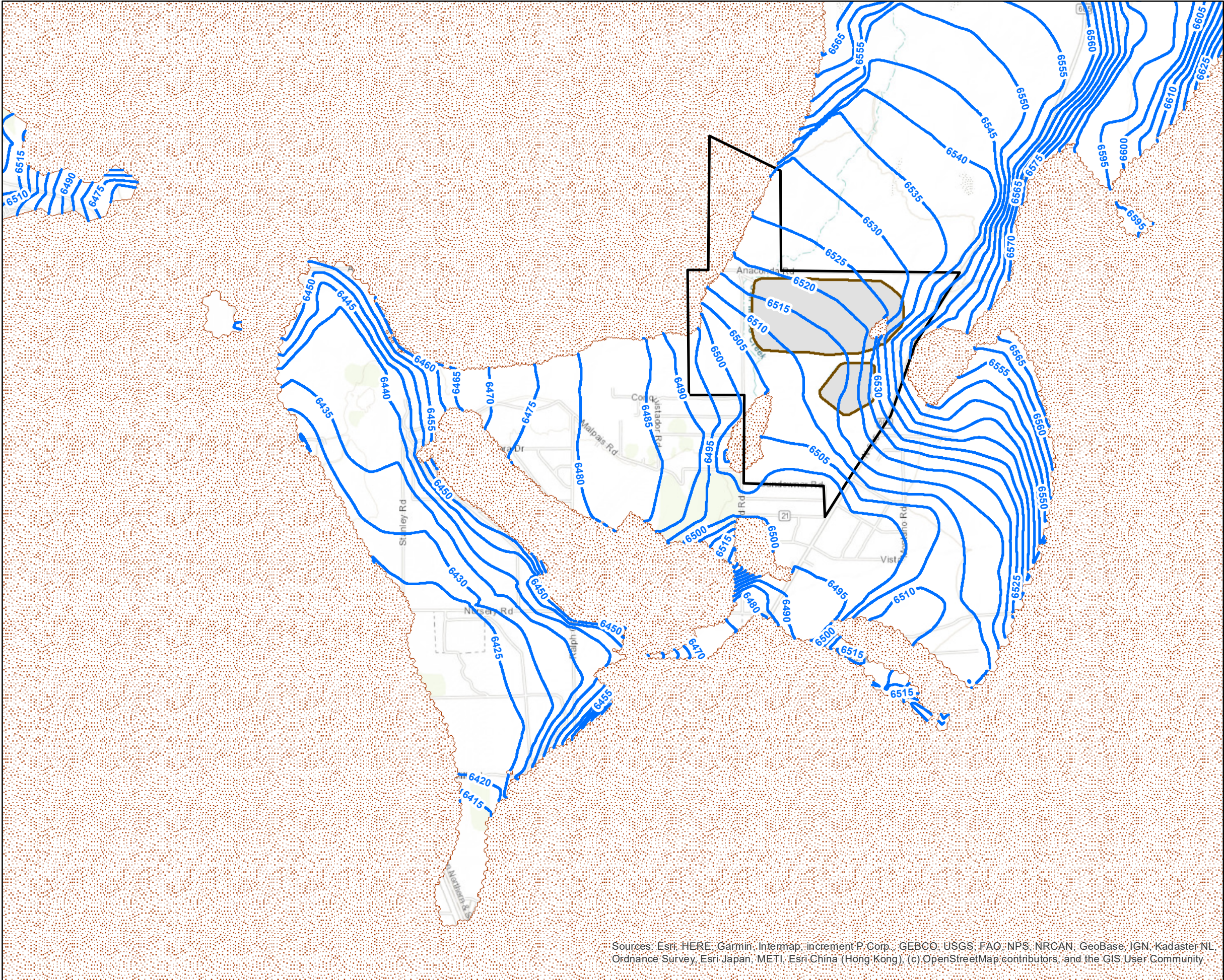


**100 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Bounding Case**





Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-61	Appv'd By:	KKZ

FIGURE C-61



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  150-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000

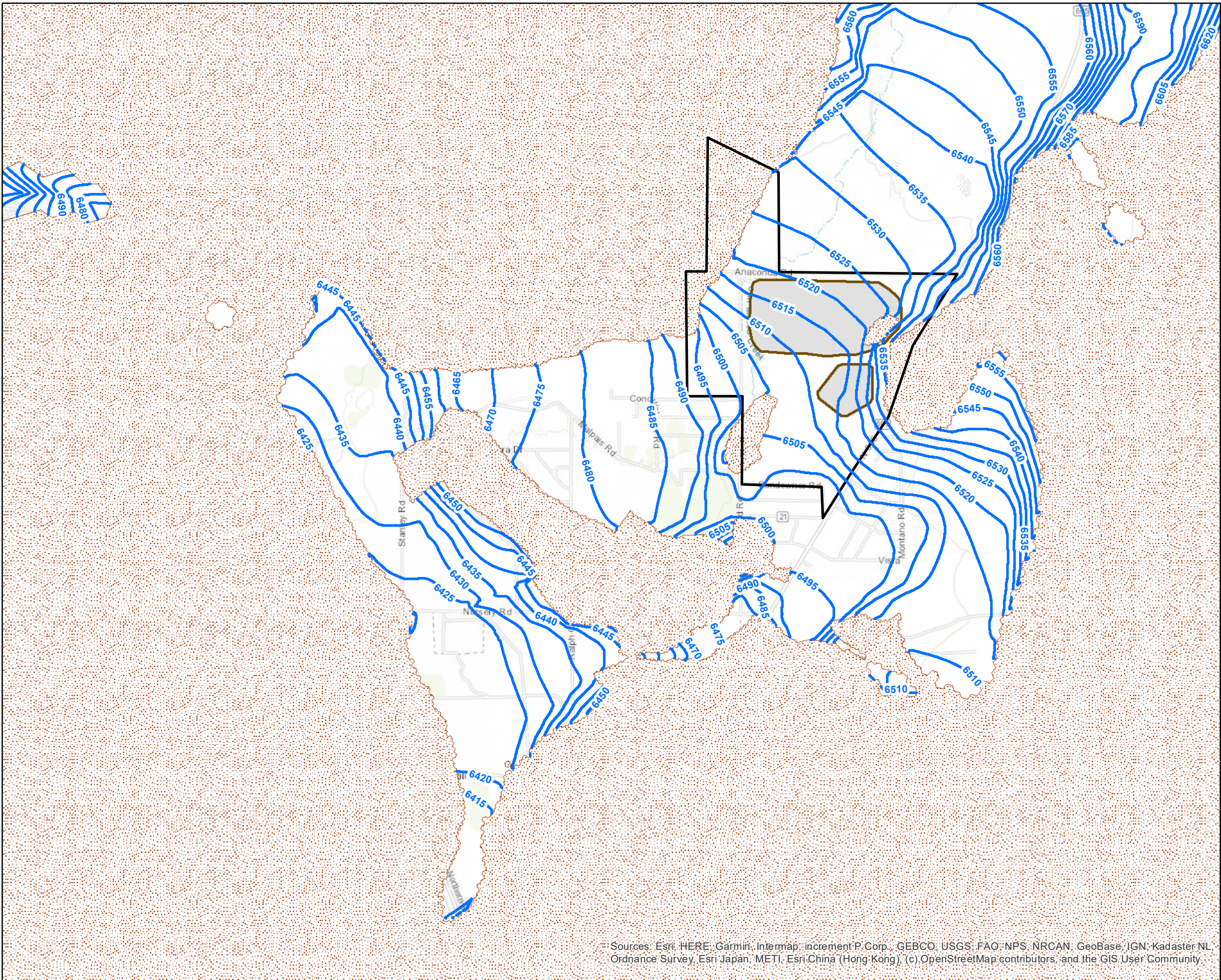


150 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Bounding Case

Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-62	Appv'd By:	KKZ





FIGURE C-62



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

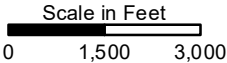


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  200-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

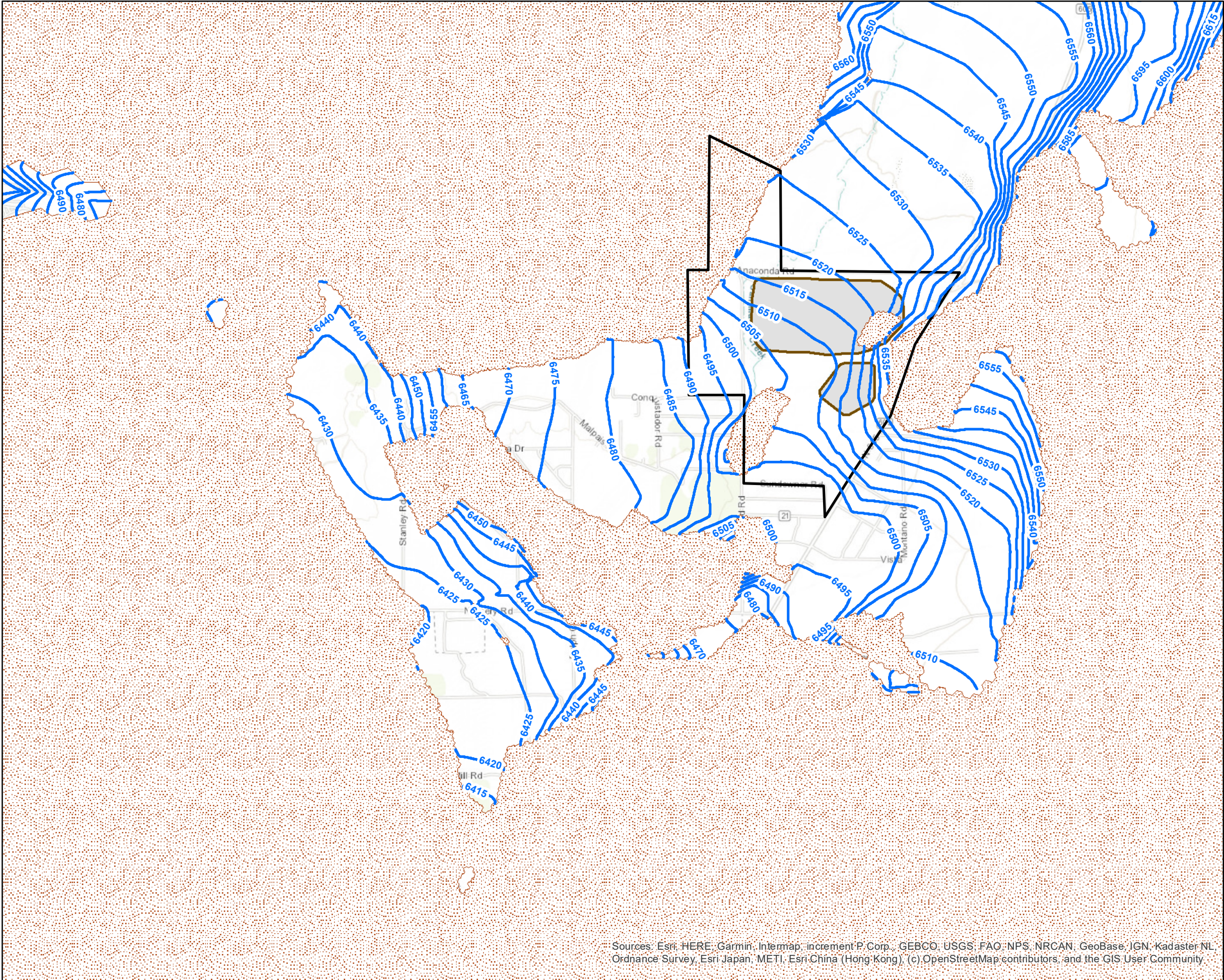


200 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Bounding Case





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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-63	Appv'd By:	KKZ

FIGURE C-63

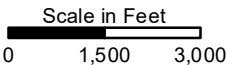


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  400-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)



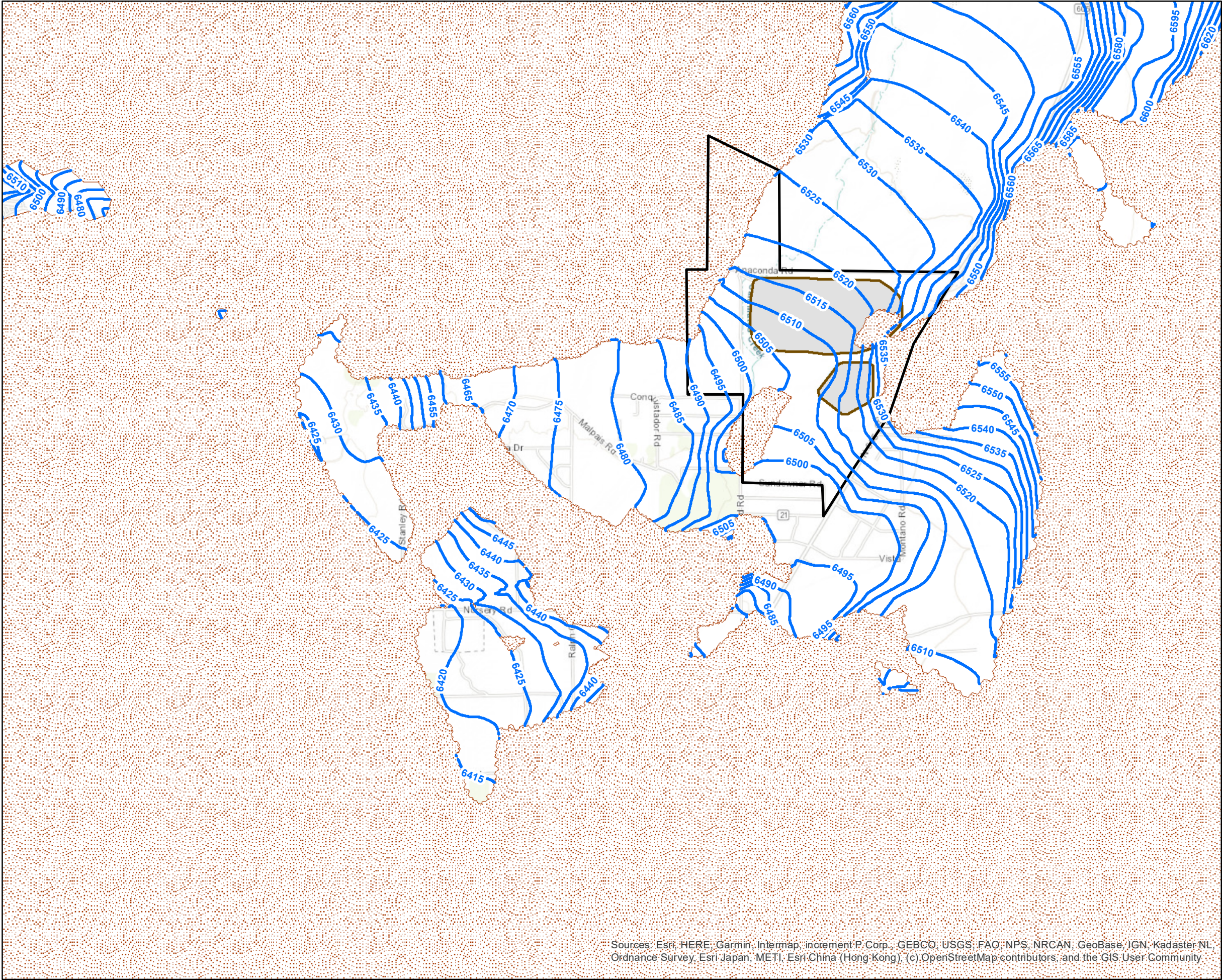
**400 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Bounding Case**

Grants Reclamation Project
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Modeling - Predictive Period Report
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

GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-64	Appv'd By:	KKZ

FIGURE C-64

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  800-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

Scale in Feet
0 1,500 3,000



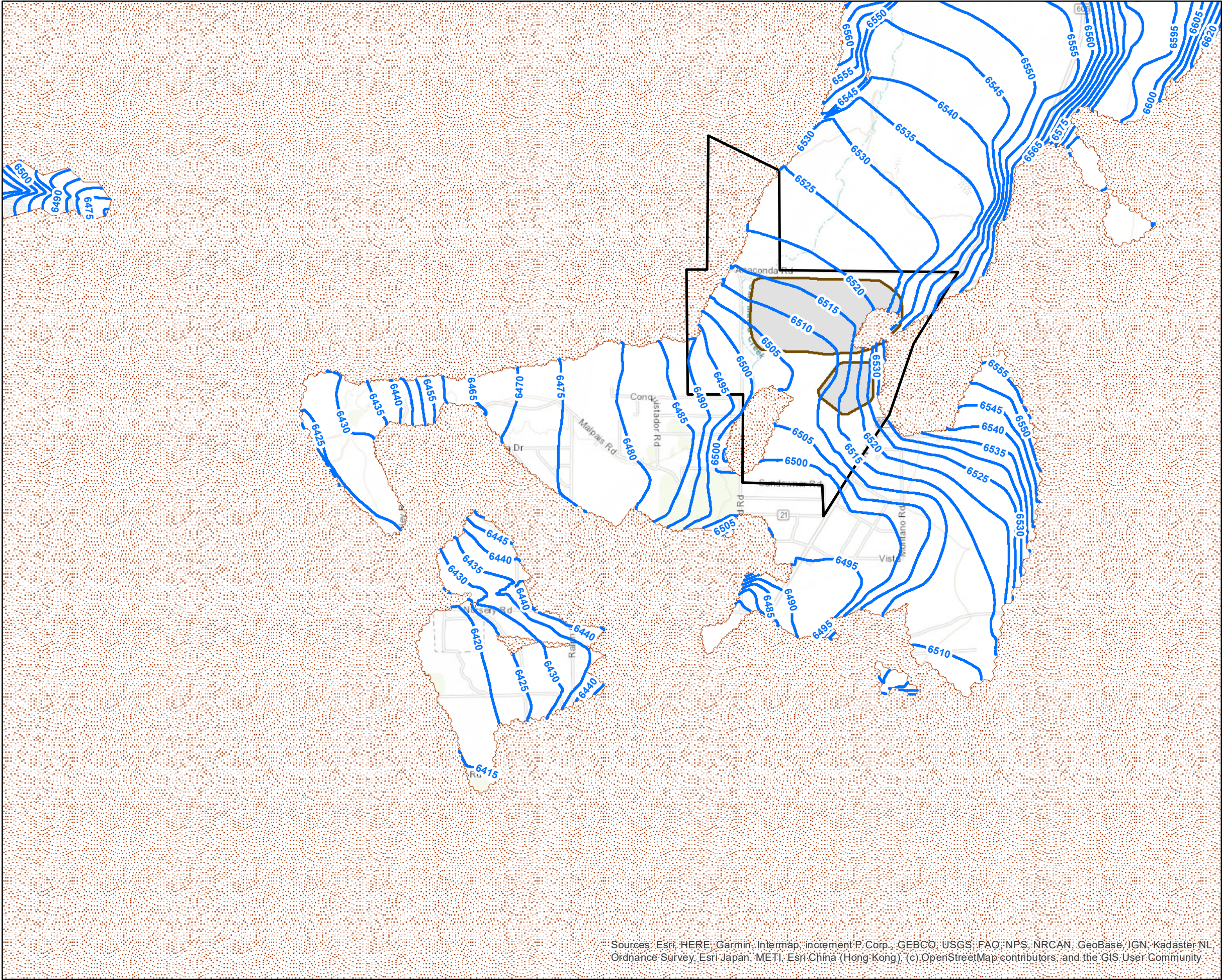
800 Years Predicted Alluvial Aquifer Simulated Groundwater-Level Contours Bounding Case

Grants Reclamation Project
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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-65	Appv'd By:	KKZ

FIGURE C-65

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

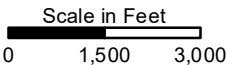


LEGEND

-  NRC License Boundary
-  LTP and STP Footprints
-  Simulated Dry Cells
-  1000-Year Predicted Groundwater-Level Contours (mg/L)

Notes

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)



**1000 Years Predicted Alluvial Aquifer
Simulated Groundwater-Level Contours
Bounding Case**

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GSI Job No.	6023	Drawn By:	KKZ
Issued:	26-May-2022	Chk'd By:	RLW
Map ID:	FigureC-66	Appv'd By:	KKZ

FIGURE C-66

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community