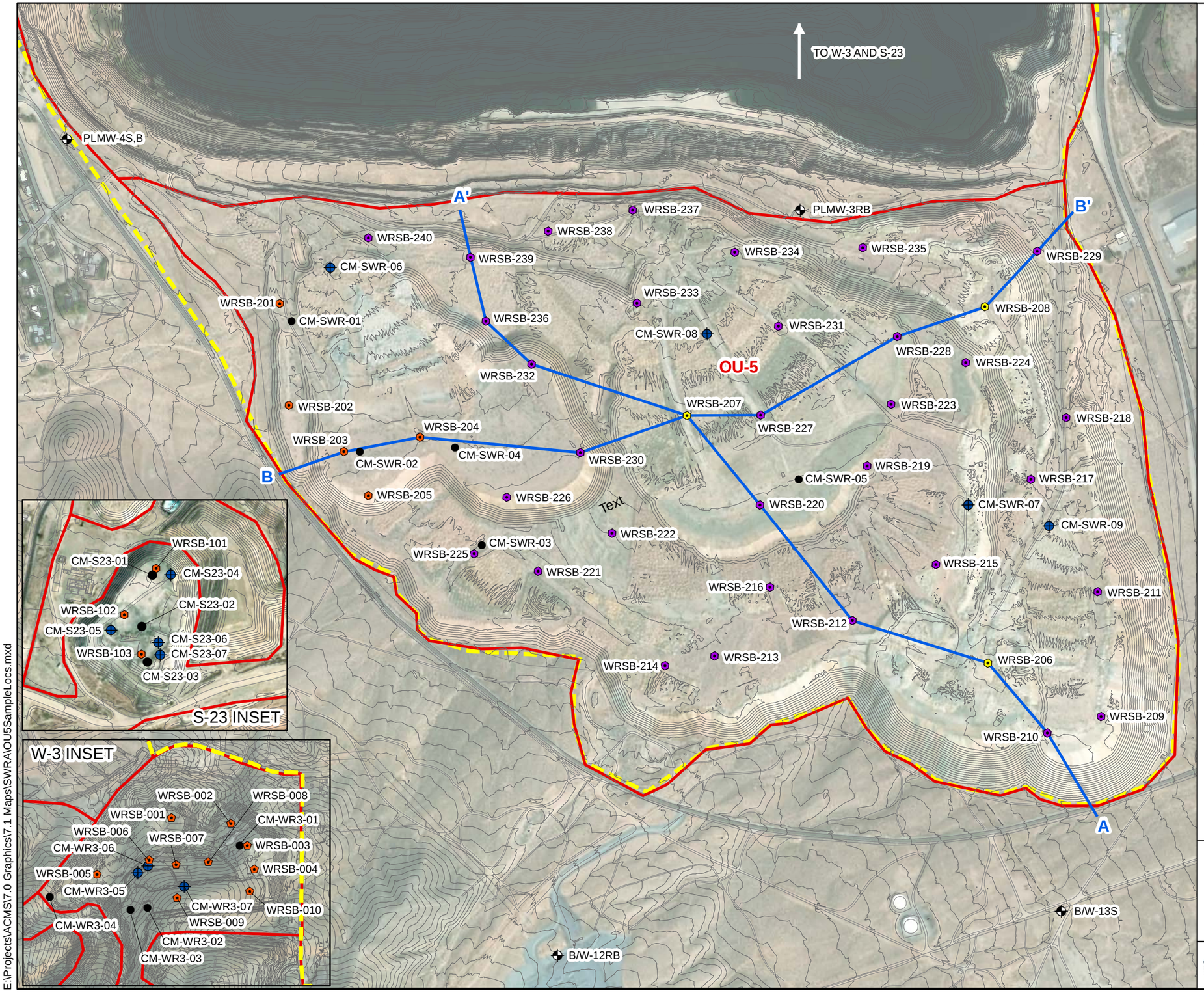
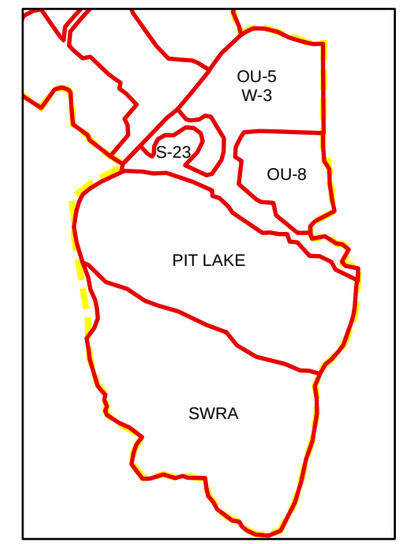


Explanation:

- Monitoring Well
- Deep Borehole Sample Location
- Shallow Borehole Sample Location
- Previous Borehole Sample Location
- Previous Surface Rock Grab Sample Location
- Previous Test Pit Sample Location
- Operable Unit Boundary
- ACMS Boundary
- Cross Section Line

Notes:
1. All locations and boundaries are approximate.
2. Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



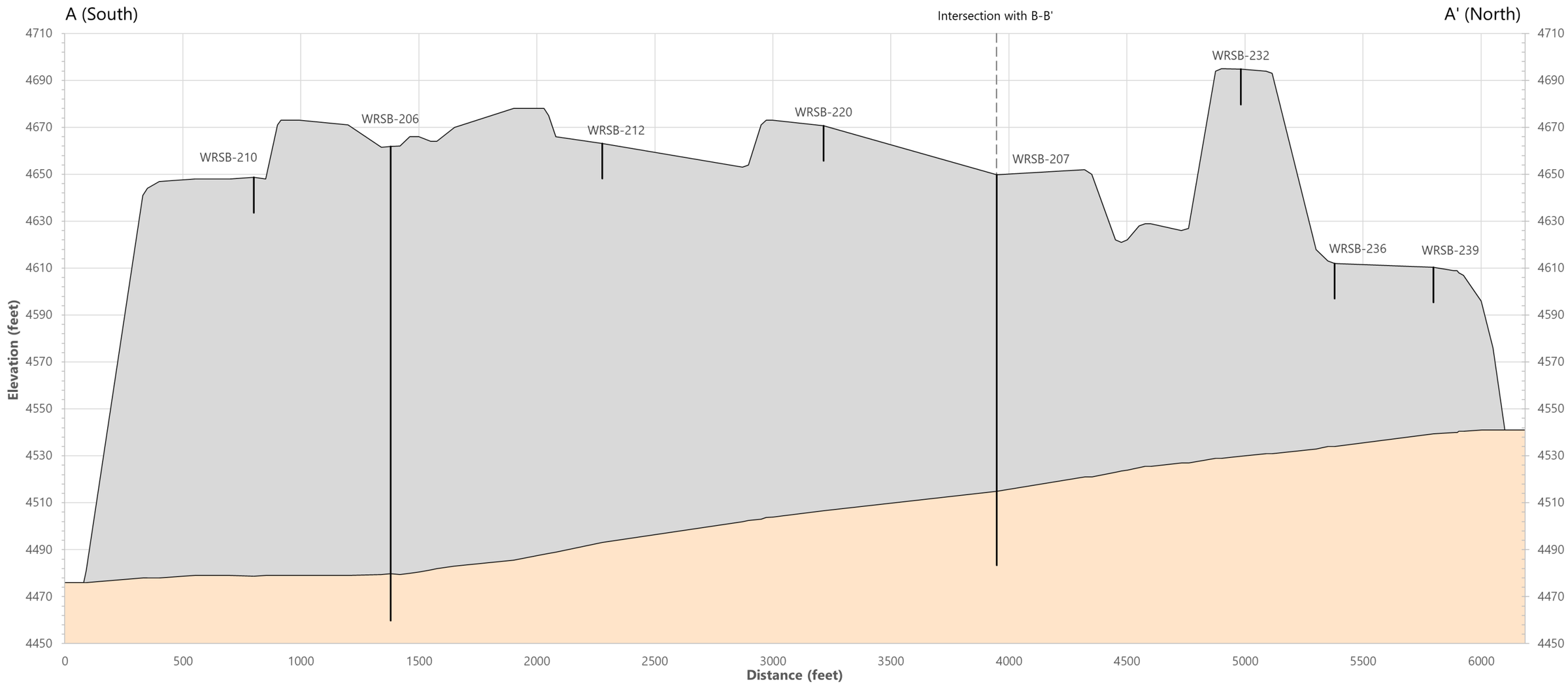
N

0 500 1,000 Feet

OU-5 SAMPLE LOCATIONS
Anaconda Copper Mine Site
Lyon County, Nevada

wood.	By: DPV	Proj. No. SA18170340
	Date: 09/27/2020	Figure 5-1

E:\Projects\ACMS\7.0 Graphics\7.1 Maps\SWRA\OU5SampleLocs.mxd



Notes:
1) Lithologic data shown are from the 2018 and 2019-2020 investigations.
2) Cross-section locations are shown on Figure 5-1.
3) Vertical exaggeration is 10x

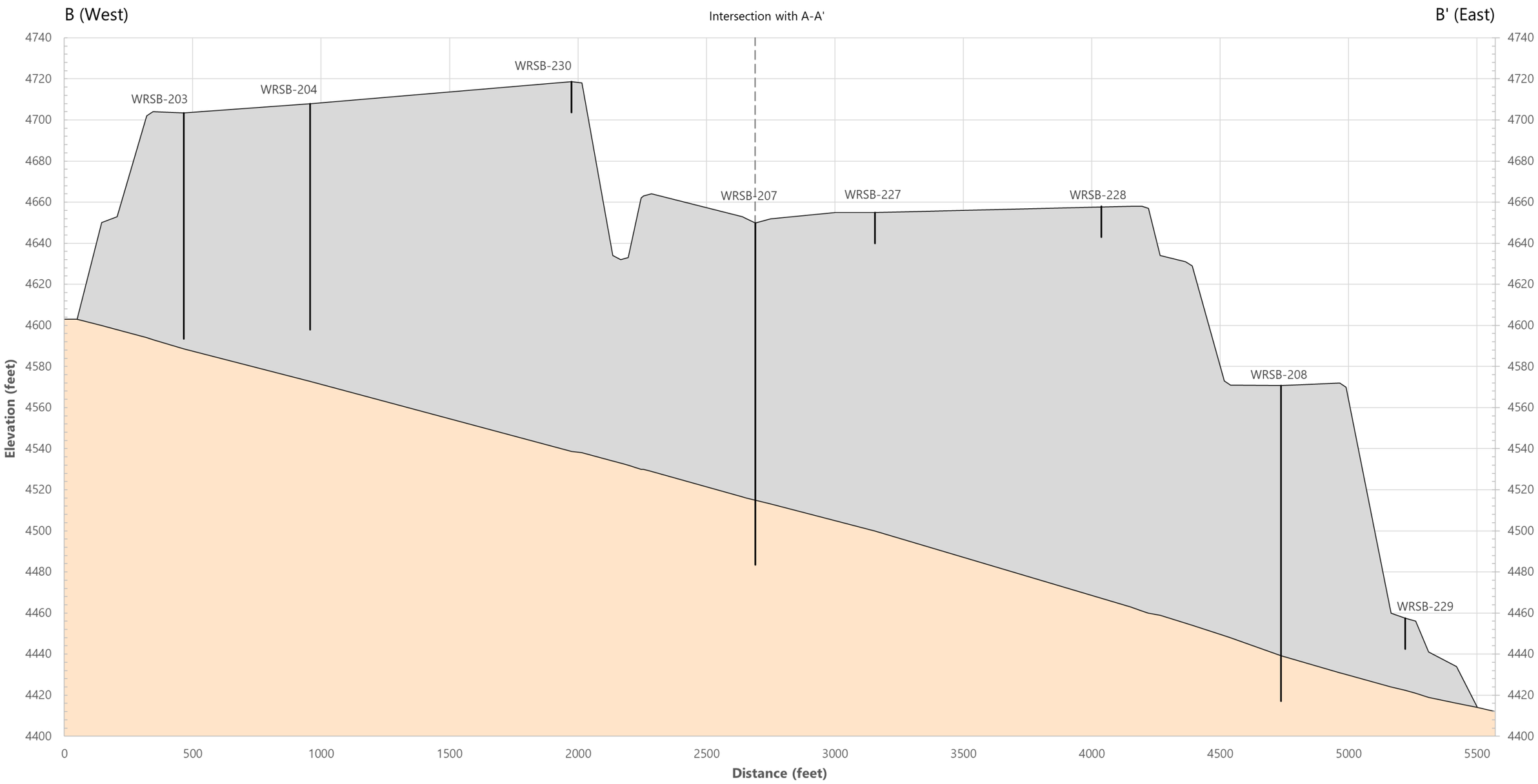
Explanation:

- Waste rock and alluvium
- Interpreted contact
- Native soil

OU-5 SOUTH WASTE ROCK AREA
LITHOLOGY (A-A')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 09/02/20	Project No. SA18170340
By: JG	**Figure 5-2**



Notes:
1) Lithologic data shown are from the 2018 and 2019-2020 investigations.
2) Cross-section locations are shown on Figure 5-1.
3) Vertical exaggeration is 8x

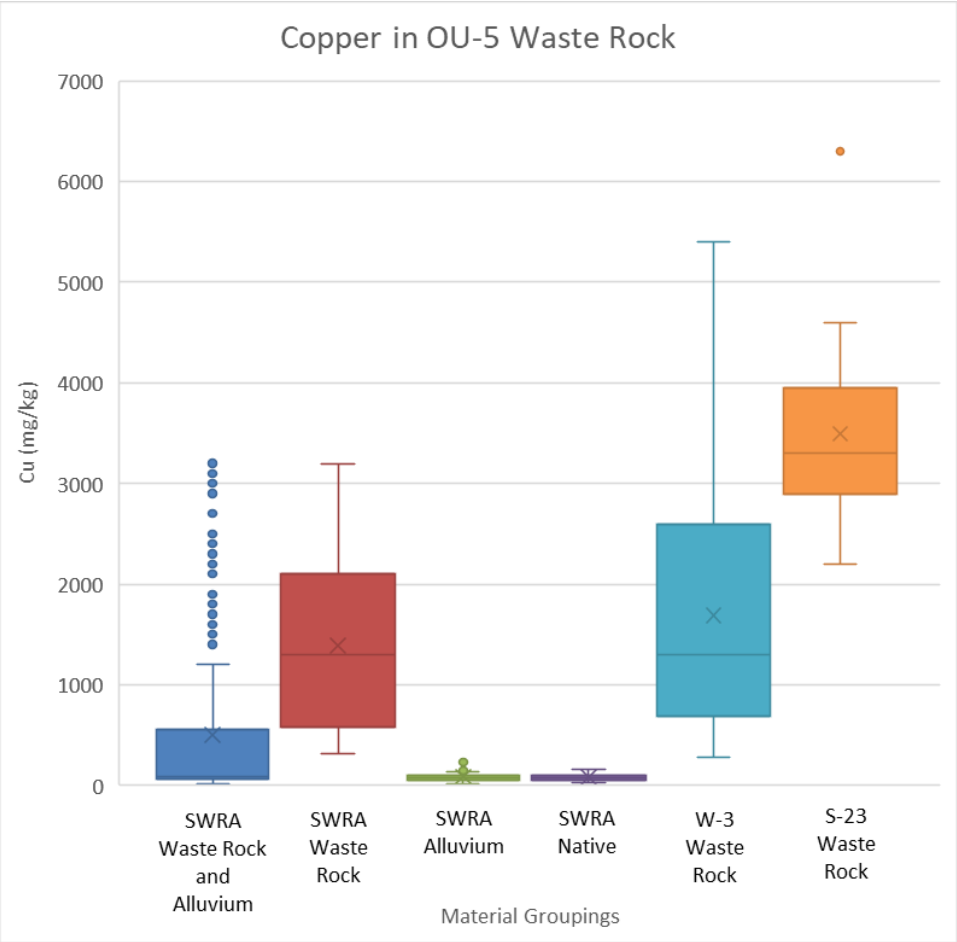
Explanation:

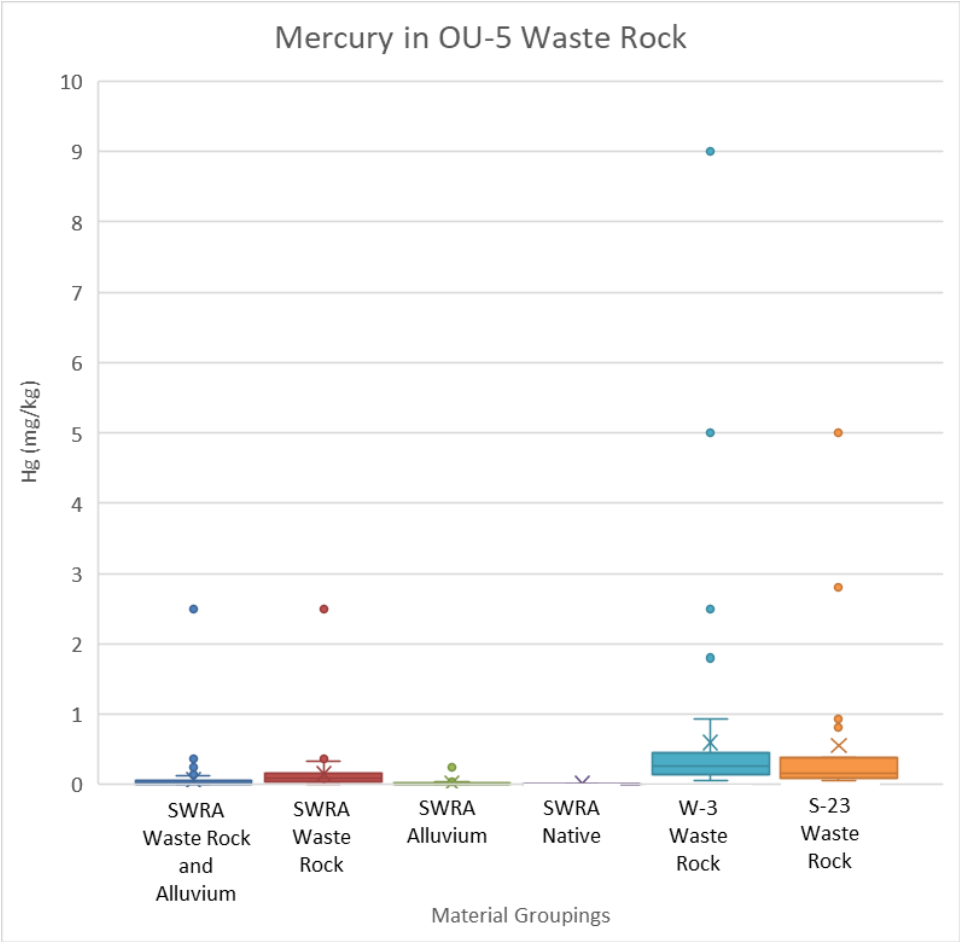
- Waste rock and alluvium
- Interpreted contact
- Native soil

OU-5 SOUTH WASTE ROCK AREA
LITHOLOGY (B-B')
Anaconda Mine Site
Lyon County, Nevada

wood.

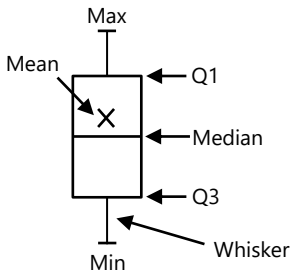
Date: 09/02/20	Project No. SA18170340
By: JG	**Figure 5-3**





Notes:

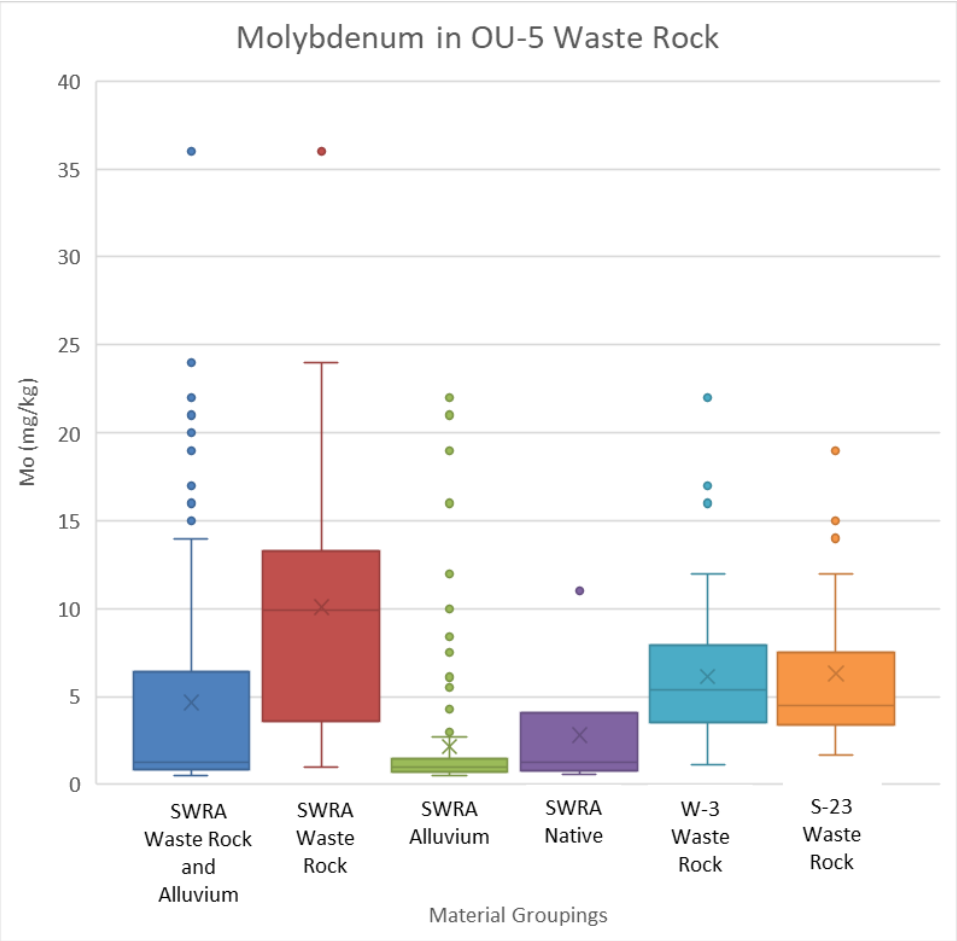
1) Data are from the 2018 and 2019-2020 investigations and are reported in milligrams per kilogram (mg/kg)
2) SWRA material groupings are defined as follows:
   - SWRA Waste Rock and Alluvium = 2018-2020 waste rock and alluvium samples combined
   - SWRA Waste Rock = 2018-2020 waste rock samples as defined in Section 4.5.2
   - SWRA Alluvium = 2018-2020 alluvium samples as defined in Section 4.5.2
   - SWRA Native = 2018-2020 samples collected from native soil beneath the SWRA
3) Data points shown outside the box plot were greater than 1.5x the interquartile range and are considered outliers.

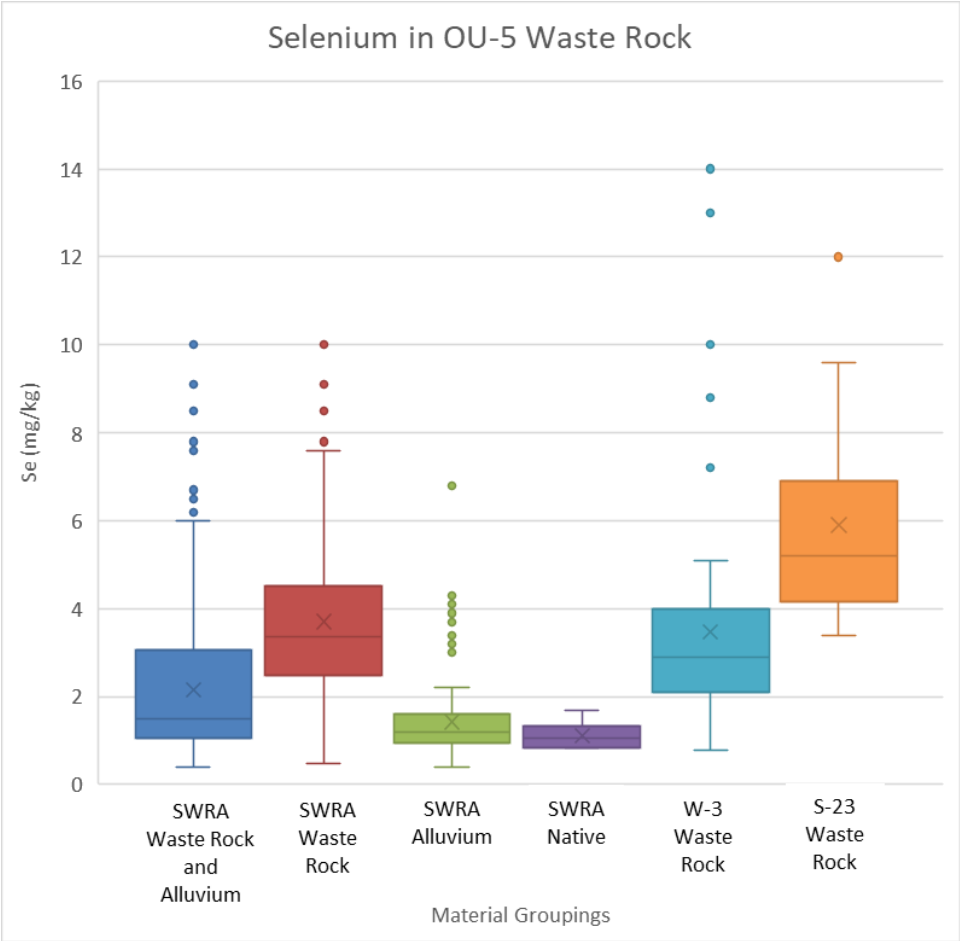


CONCENTRATIONS OF COPPER AND MERCURY BY MATERIAL TYPE IN THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

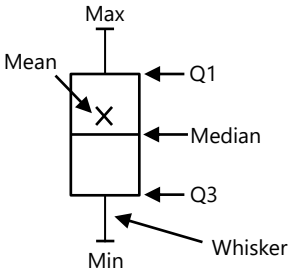
Date: 02/17/21	Project No. SA18170340
By: KP	**Figure 5-4**





Notes:

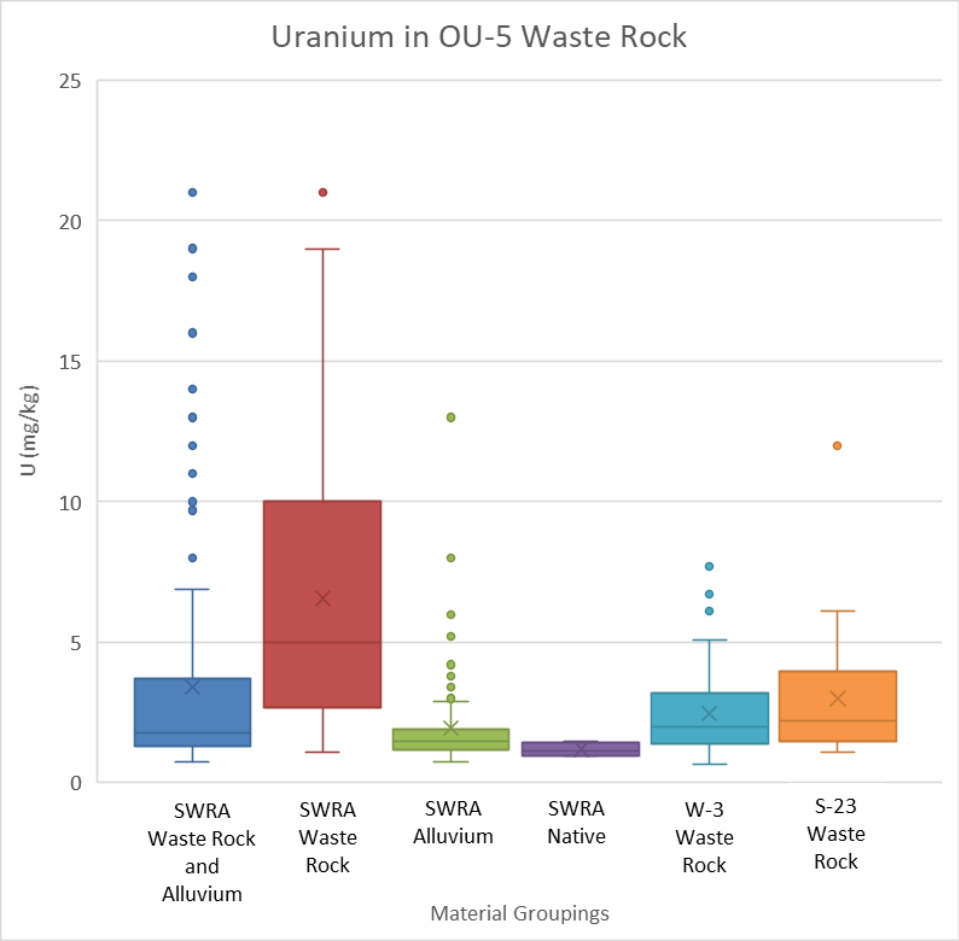
1) Data are from the 2018 and 2019-2020 investigations and are reported in milligrams per kilogram (mg/kg)
2) SWRA material groupings are defined as follows:
   - SWRA Waste Rock and Alluvium = 2018-2020 waste rock and alluvium samples combined
   - SWRA Waste Rock = 2018-2020 waste rock samples as defined in Section 4.5.2
   - SWRA Alluvium = 2018-2020 alluvium samples as defined in Section 4.5.2
   - SWRA Native = 2018-2020 samples collected from native soil beneath the SWRA
3) Data points shown outside the box plot were greater than 1.5x the interquartile range and are considered outliers.



CONCENTRATIONS OF MOLYBDENUM AND SELENIUM BY MATERIAL TYPE IN THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

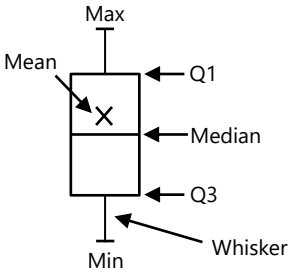
wood.

Date: 02/17/21	Project No. SA18170340
By: KP	**Figure 5-5**



Notes:

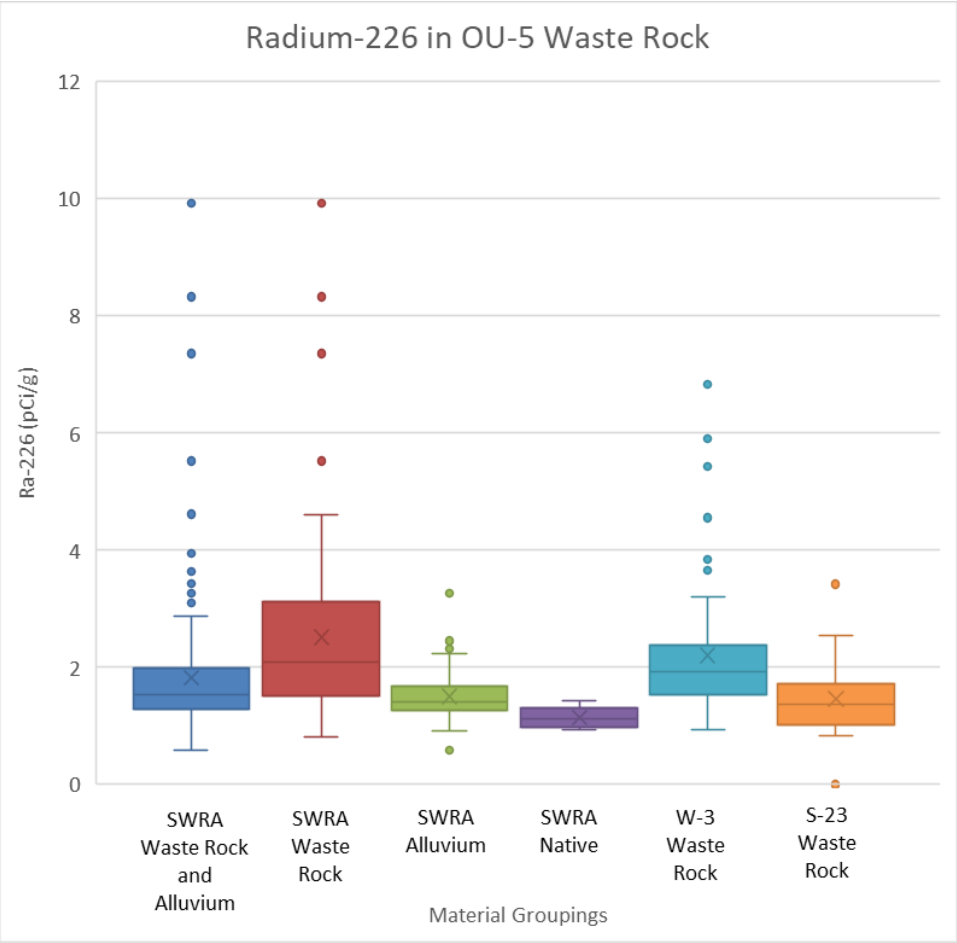
1) Data are from the 2018 and 2019-2020 investigations and are reported in milligrams per kilogram (mg/kg)
2) SWRA material groupings are defined as follows:
   - SWRA Waste Rock and Alluvium = 2018-2020 waste rock and alluvium samples combined
   - SWRA Waste Rock = 2018-2020 waste rock samples as defined in Section 4.5.2
   - SWRA Alluvium = 2018-2020 alluvium samples as defined in Section 4.5.2
   - SWRA Native = 2018-2020 samples collected from native soil beneath the SWRA
3) Data points shown outside the box plot were greater than 1.5x the interquartile range and are considered outliers.

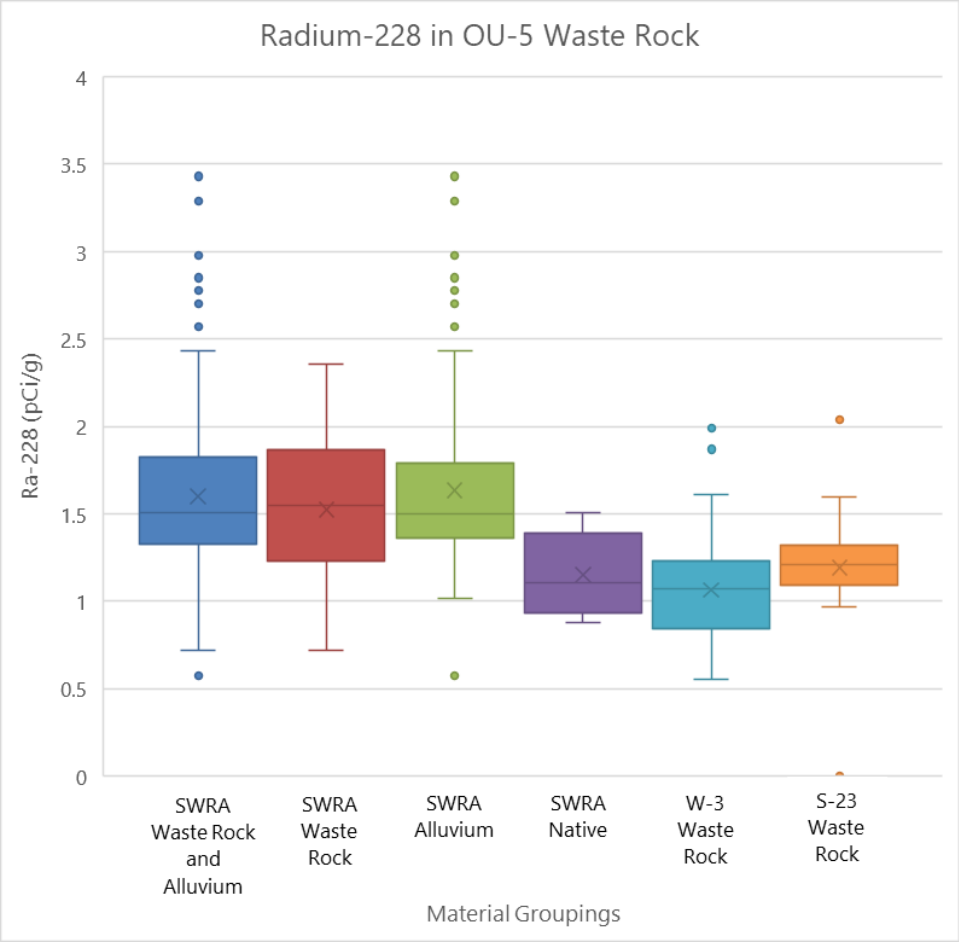


CONCENTRATIONS OF URANIUM BY MATERIAL TYPE IN THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

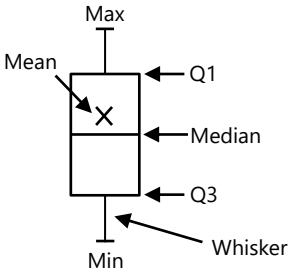
Date: 02/17/21	Project No. SA18170340
By: KP	**Figure 5-6**





Notes:

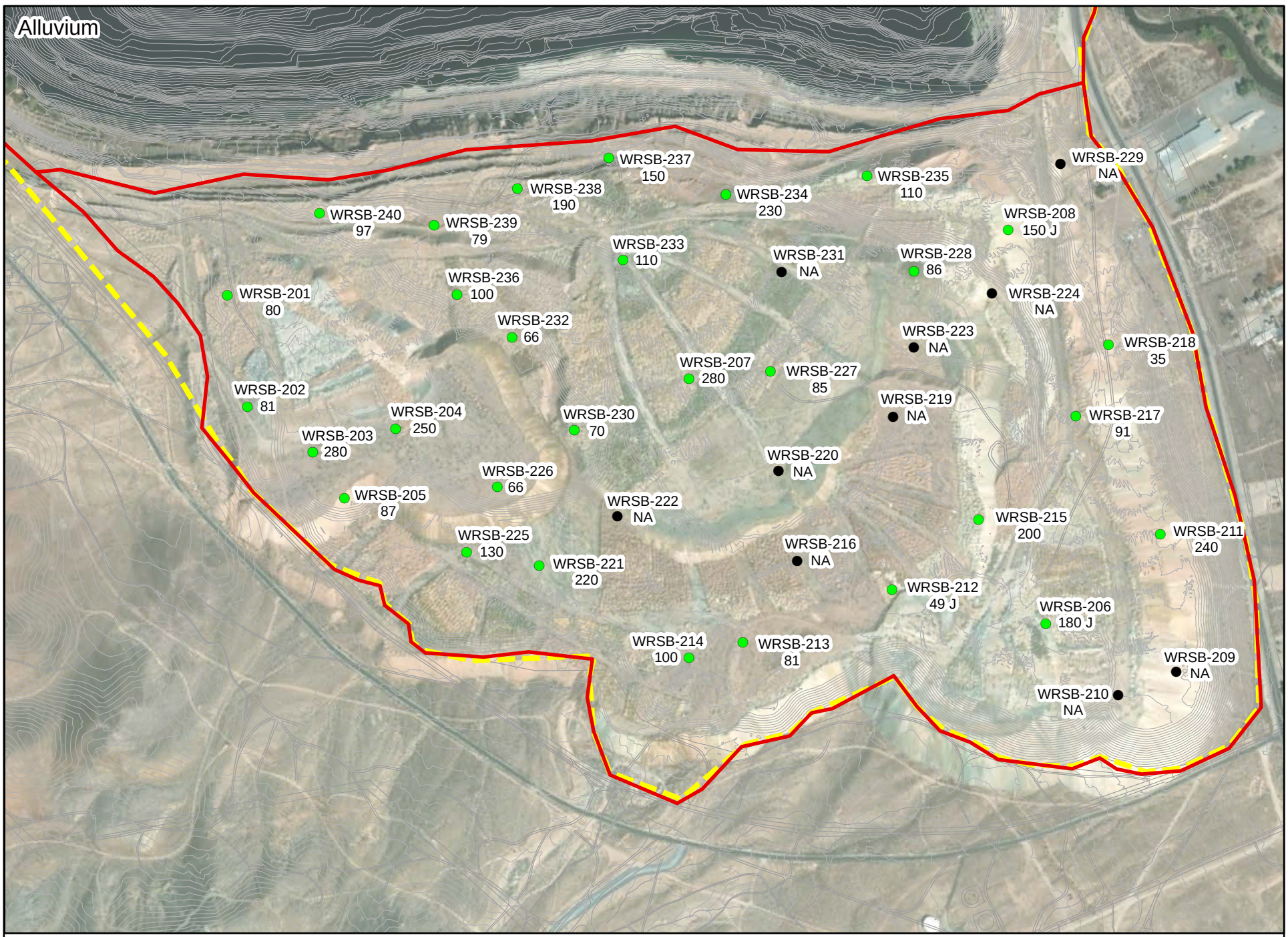
1) Data are from the 2018 and 2019-2020 investigations and are reported in picocuries per gram (pCi/g)
2) SWRA material groupings are defined as follows:
   - SWRA Waste Rock and Alluvium = 2018-2020 waste rock and alluvium samples combined
   - SWRA Waste Rock = 2018-2020 waste rock samples as defined in Section 4.5.2
   - SWRA Alluvium = 2018-2020 alluvium samples as defined in Section 4.5.2
   - SWRA Native = 2018-2020 samples collected from native soil beneath the SWRA
3) Data points shown outside the box plot were greater than 1.5x the interquartile range and are considered outliers.

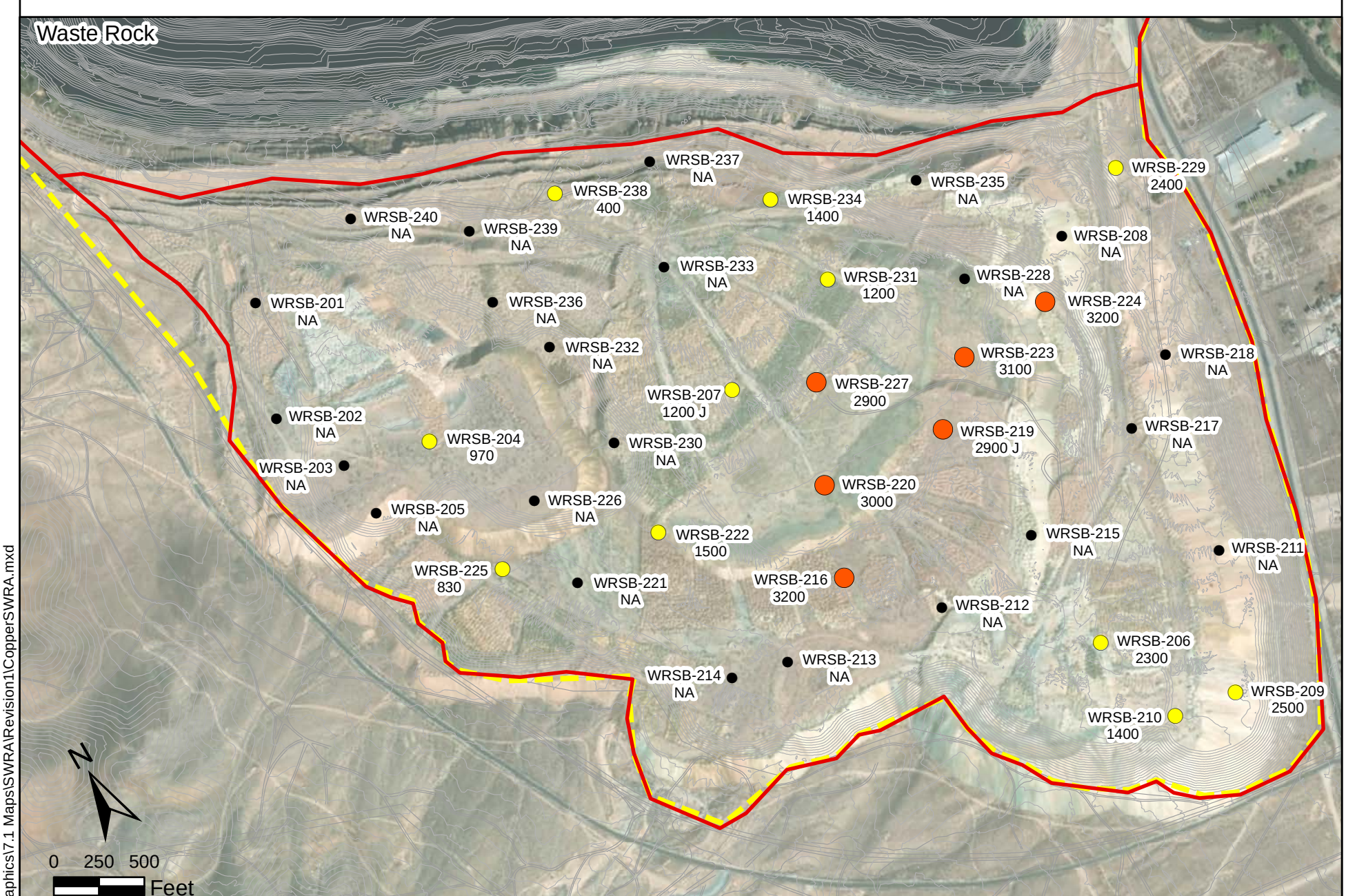


CONCENTRATIONS OF RADIUM-226 AND RADIUM-228 BY MATERIAL TYPE IN THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

Date: 02/17/21	Project No. SA18170340
By: KP	**Figure 5-7**





Explanation:

- Operable Unit Boundary
- ACMS Boundary
- Less than or equal to the BCL
- Between 1X and 10X the BCL
- Over 10X BCL
- Alluvium or waste rock not encountered at location

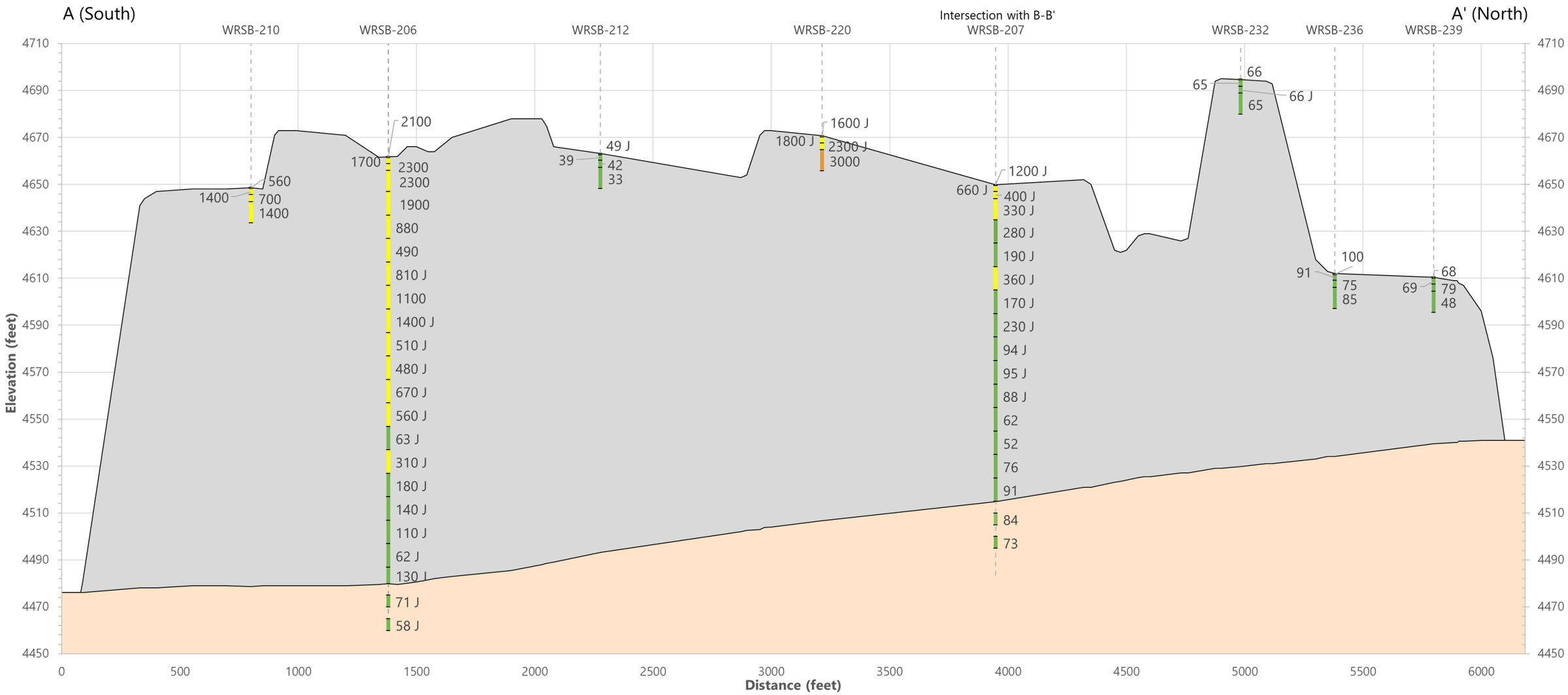
Notes:
1. All locations and boundaries are approximate.
2. Sub-Area A-2 background concentration limit (BCL) for Copper is 285 mg/kg.
3. Data shown are from the 2018-2020 investigations.
4. Sample results show the maximum detected alluvium or waste rock concentration at each location.
5. Laboratory qualifiers:
   J = Estimated concentration
6. Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

COPPER CONCENTRATIONS IN ALLUVIUM AND WASTE ROCK SAMPLES FROM THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

	Date: 2/26/2021	Proj. No. SA18170340
	By: DPV	Figure 5-8

D:\Projects\ACMS\Graphics\7.0 Graphics\7.1 Maps\SWRA\Revision1\CopperSWRA.mxd



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for copper is 285 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 10x

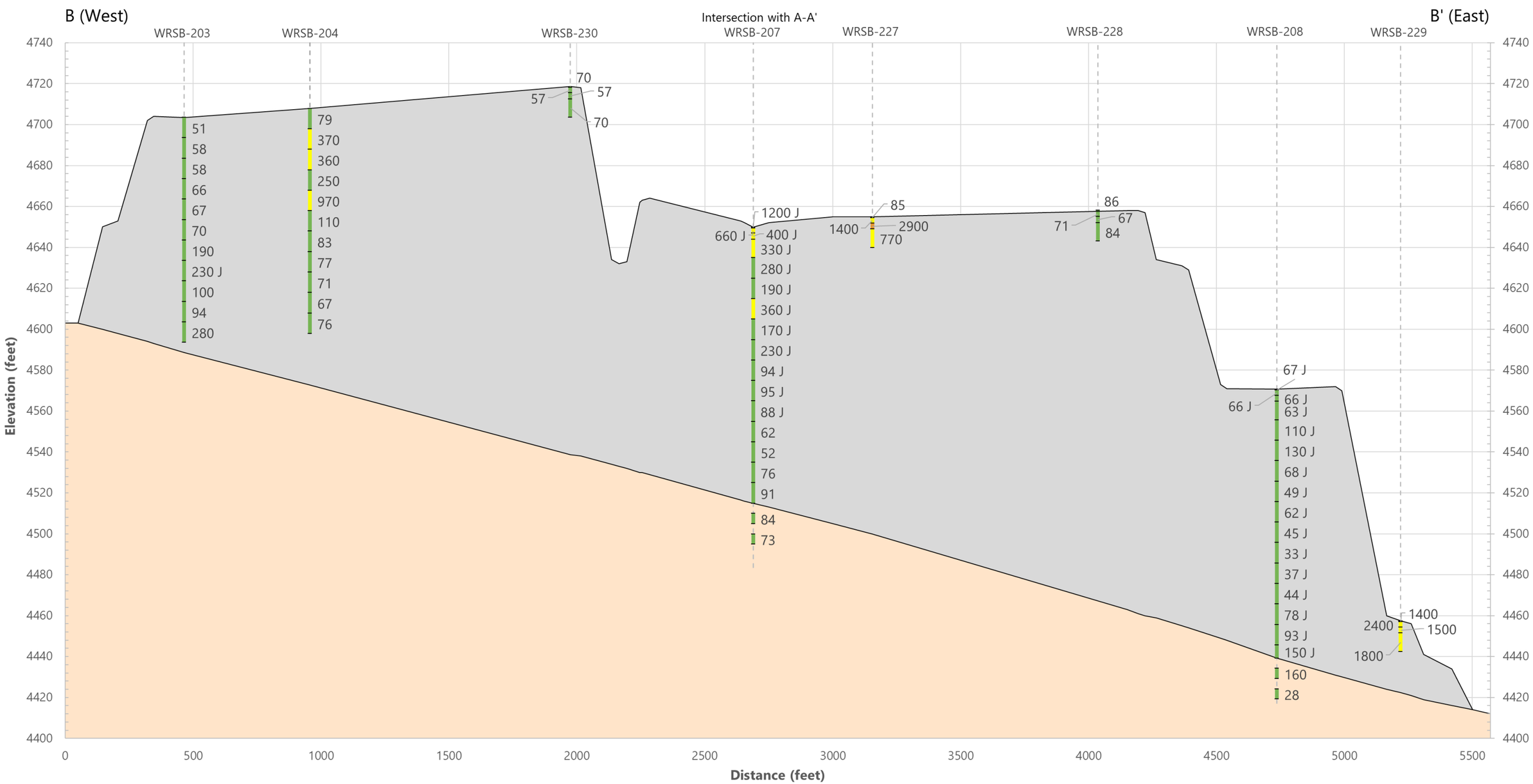
Explanation:

- ≤ 285 mg/kg
- 285 – 2850 mg/kg
- > 2850 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

COPPER CONCENTRATIONS BY DEPTH IN THE OU-5 SOUTH WASTE ROCK AREA (A-A')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 08/13/20	Project No. SA18170340
By: BMJ	**Figure 5-9**



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for copper is 285 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 8x

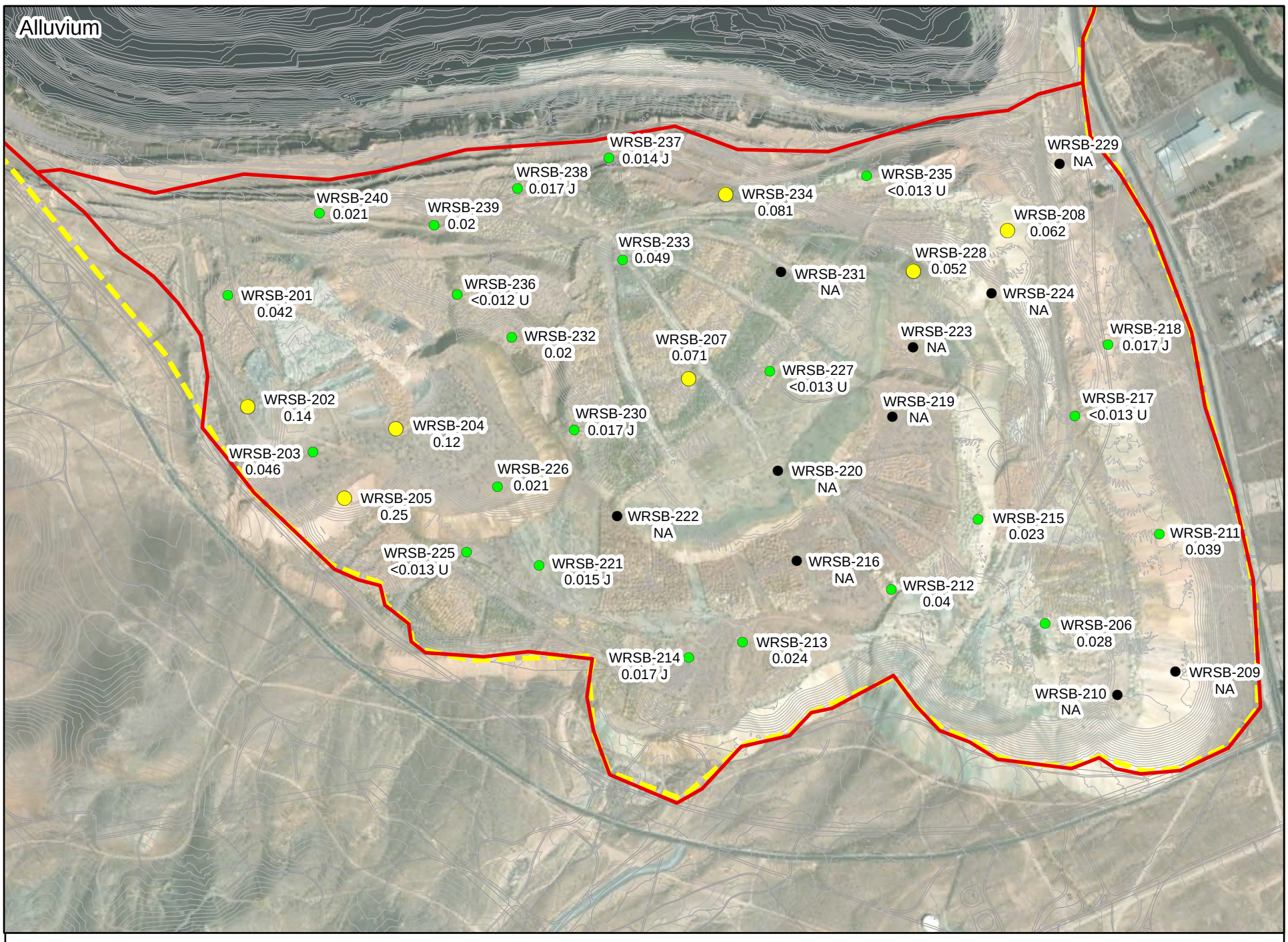
Explanation:

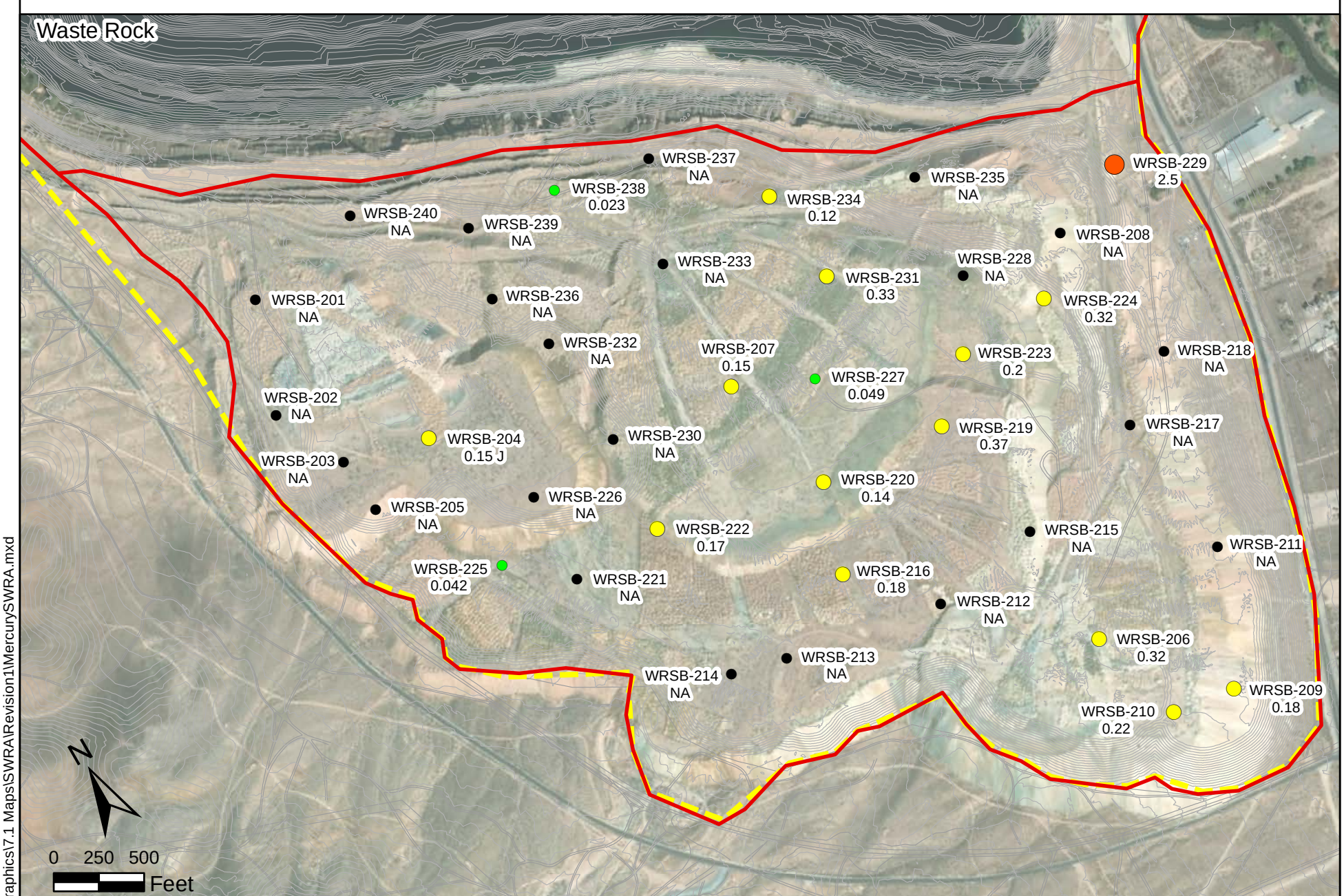
- ≤ 285 mg/kg
- 285 – 2850 mg/kg
- > 2850 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

COPPER CONCENTRATIONS BY DEPTH IN THE OU-5 SOUTH WASTE ROCK AREA (B-B')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 08/13/20	Project No. SA18170340
By: BMJ	**Figure 5-10**





Explanation:

- Operable Unit Boundary
- ACMS Boundary
- Less than or equal to the BCL
- Between 1X and 10X the BCL
- Over 10X BCL
- Alluvium or Waste Rock not Encountered at Location

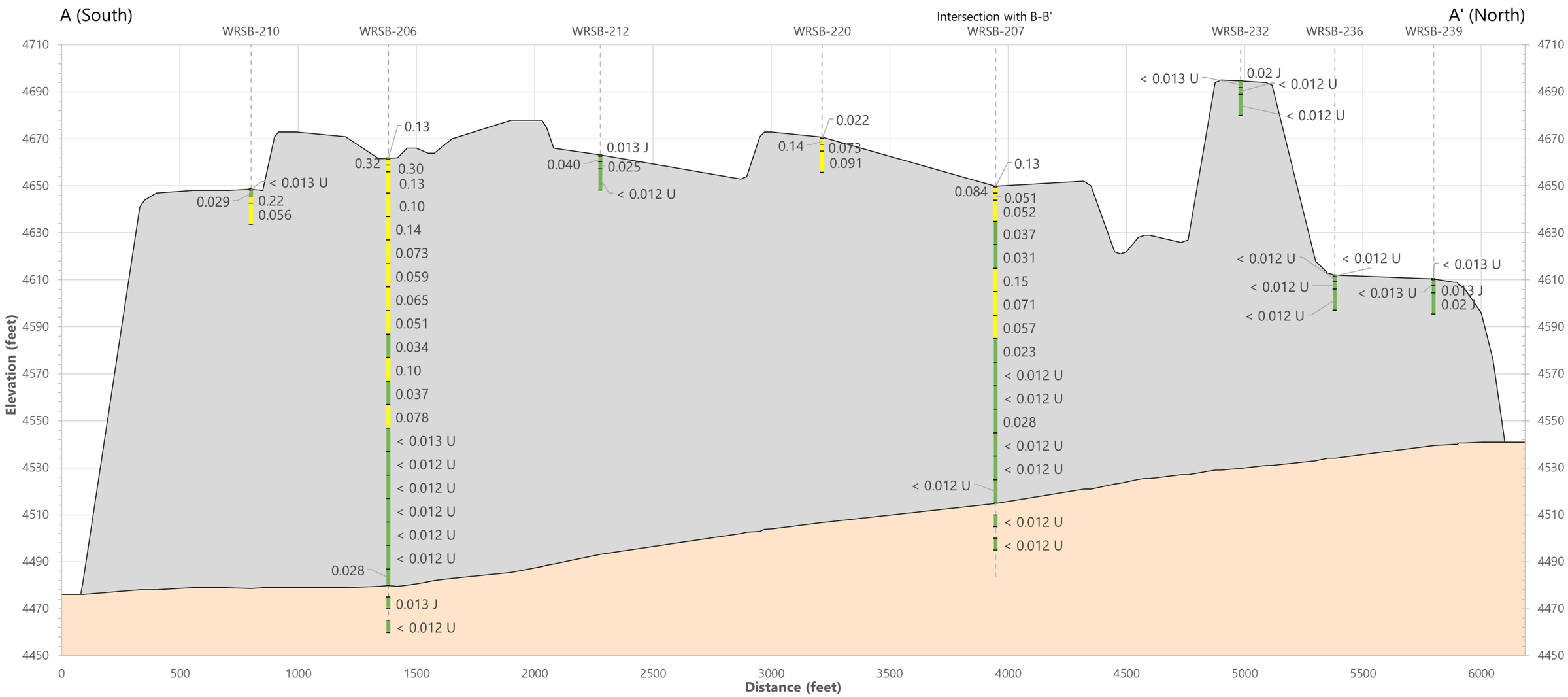
Notes:
1. All locations and boundaries are approximate.
2. Sub-Area A-2 background concentration limit (BCL) for Mercury is 0.05 mg/kg.
3. Data shown are from the 2018-2020 investigations.
4. Sample results show the maximum detected alluvium or waste rock concentration at each location.
5. Laboratory qualifiers:
   J = Estimated concentration
6. Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

MERCURY CONCENTRATIONS IN ALLUVIUM AND WASTE ROCK SAMPLES FROM THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

	Date: 2/26/2021	Proj. No. SA18170340
	By: DPV	Figure 5-11

D:\Projects\ACMS\Graphics\7.0 Graphics\7.1 Maps\SWRA\Revision1\MercurySWRA.mxd



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for mercury is 0.05 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 10x

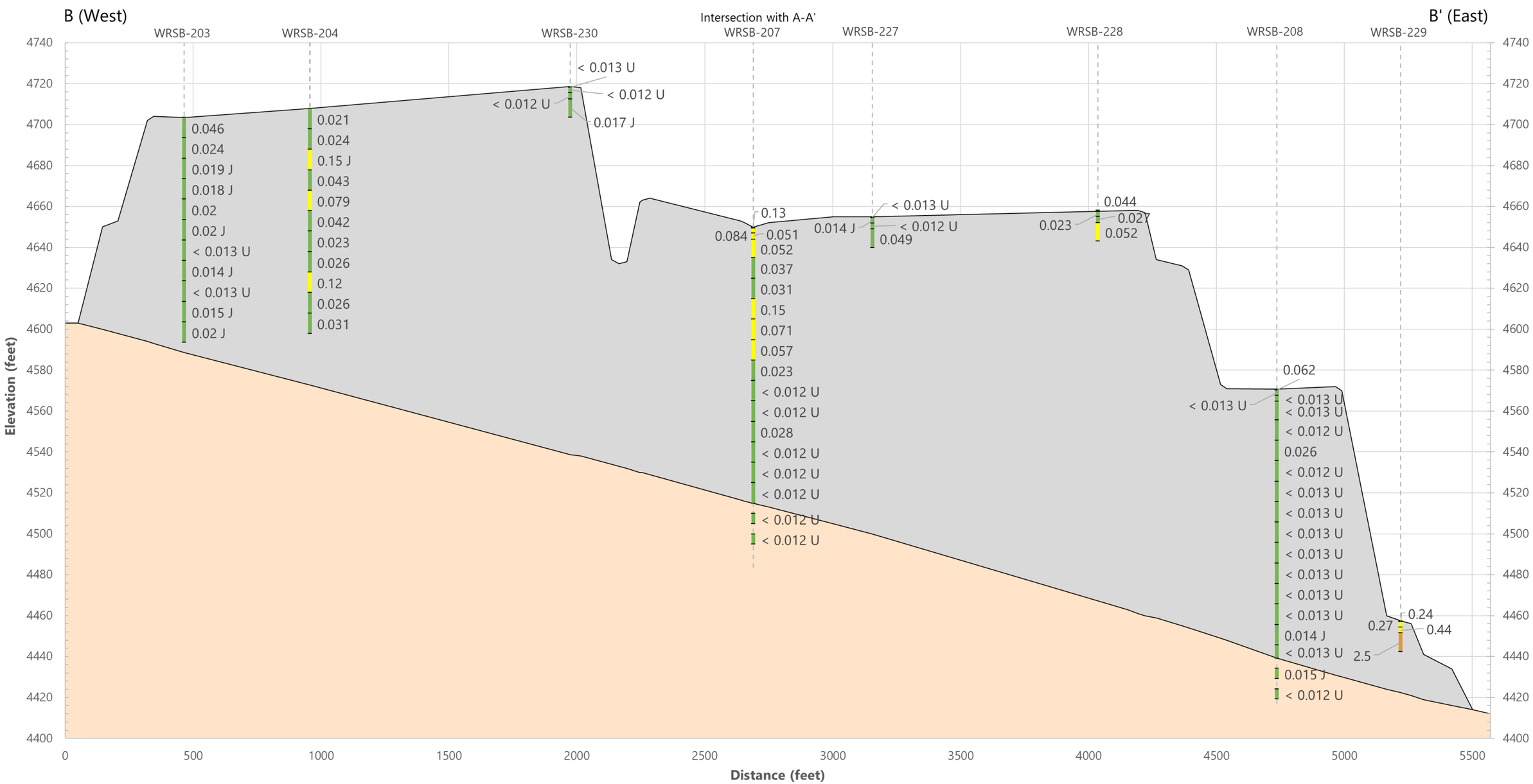
Explanation:

- ≤ 0.05 mg/kg
- 0.05 – 0.5 mg/kg
- > 0.5 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

MERCURY CONCENTRATIONS BY DEPTH IN THE OU-5 SOUTH WASTE ROCK AREA (A-A')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 08/13/20	Project No. SA18170340
By: BMJ	**Figure 5-12**



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for mercury is 0.05 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 8x

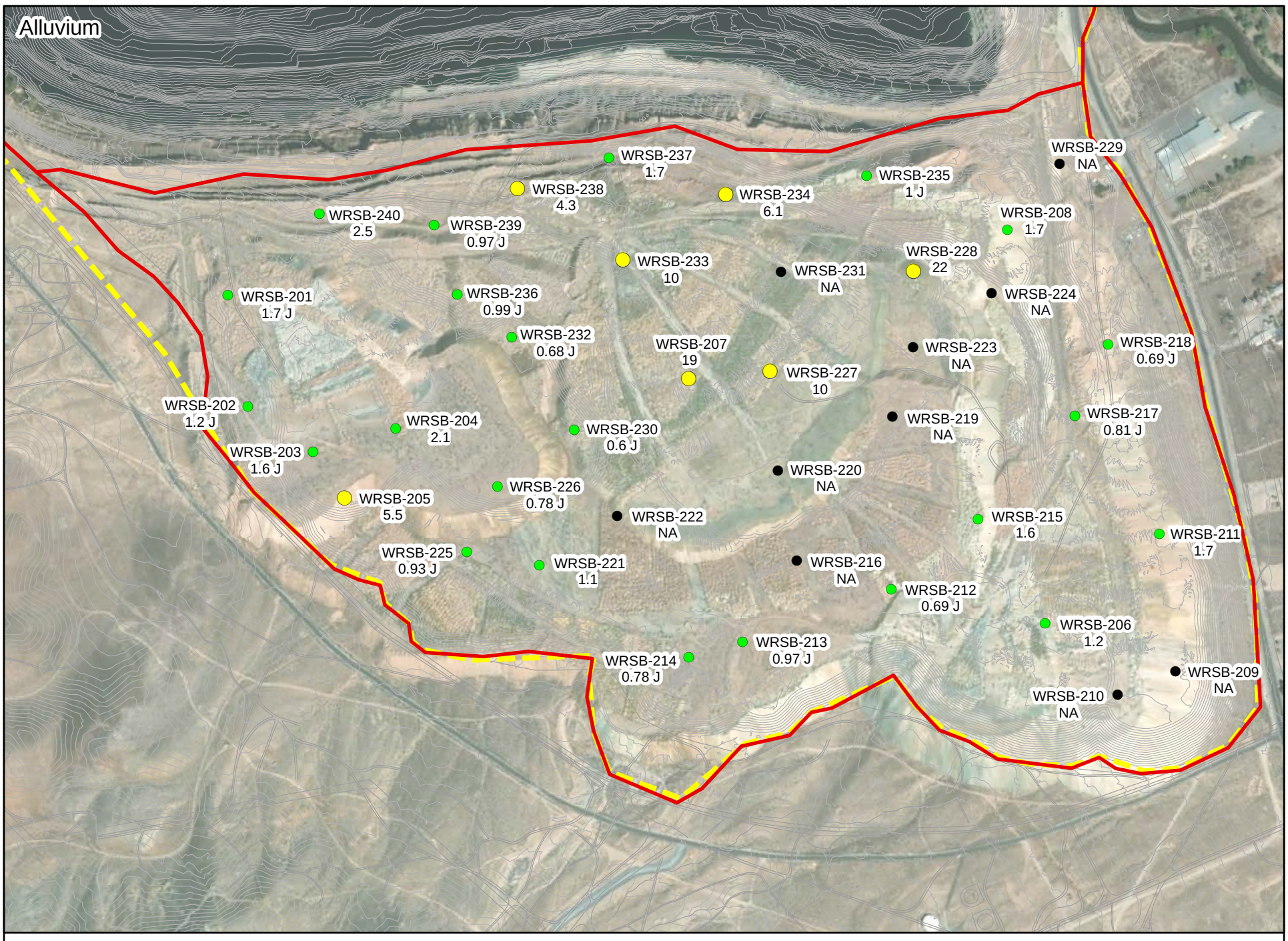
Explanation:

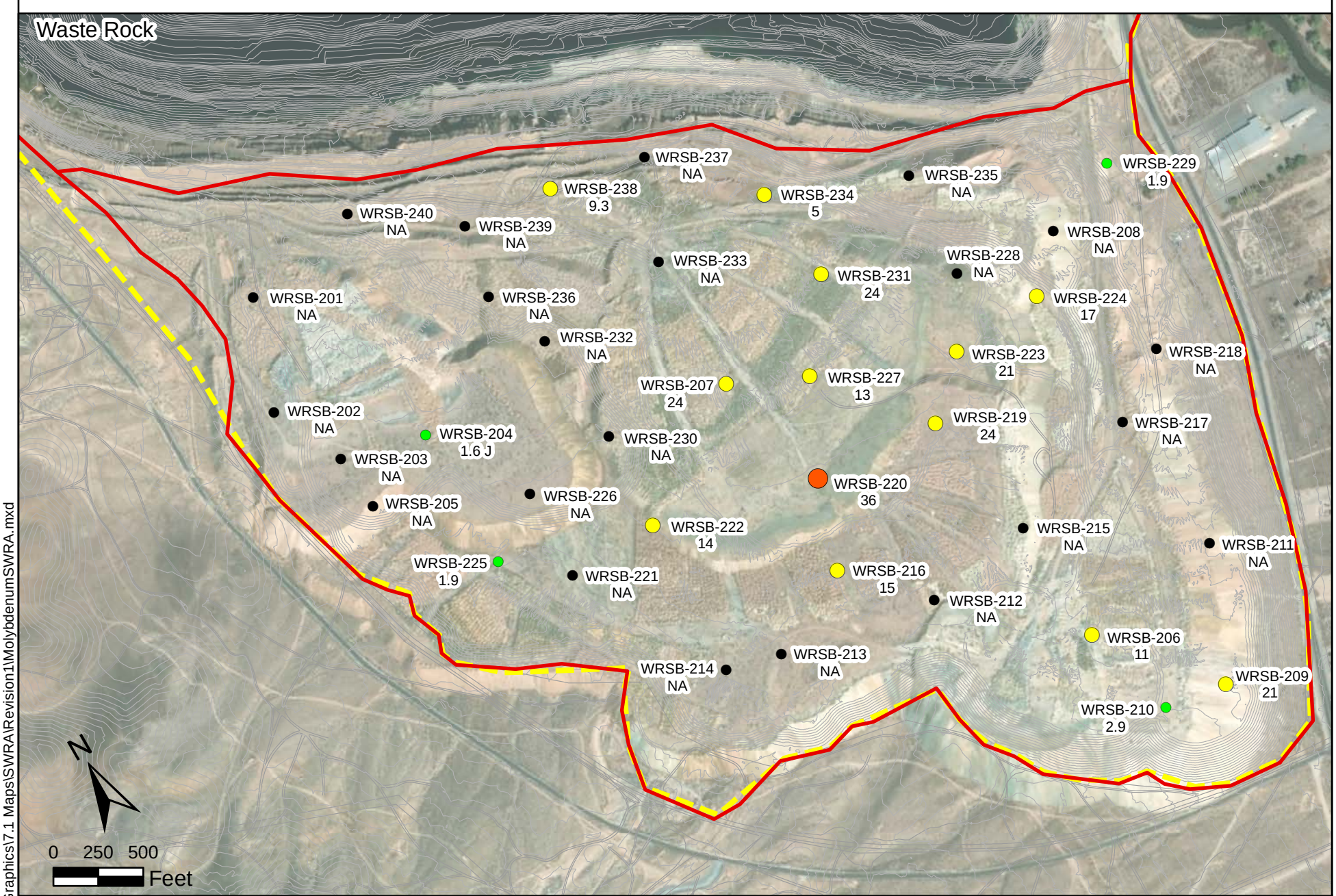
- ≤ 0.05 mg/kg
- 0.05 – 0.5 mg/kg
- > 0.5 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

MERCURY CONCENTRATIONS BY DEPTH IN THE OU-5 SOUTH WASTE ROCK AREA (B-B')
Anaconda Mine Site
Lyon County, Nevada

wood.

	Date: 08/13/20	Project No. SA18170340
	By: BMJ	**Figure 5-13**





Explanation:

- Operable Unit Boundary
- ACMS Boundary
- Less than or equal to the BCL
- Between 1X and 10X the BCL
- Over 10X BCL
- Alluvium or Waste Rock not Encountered at Location

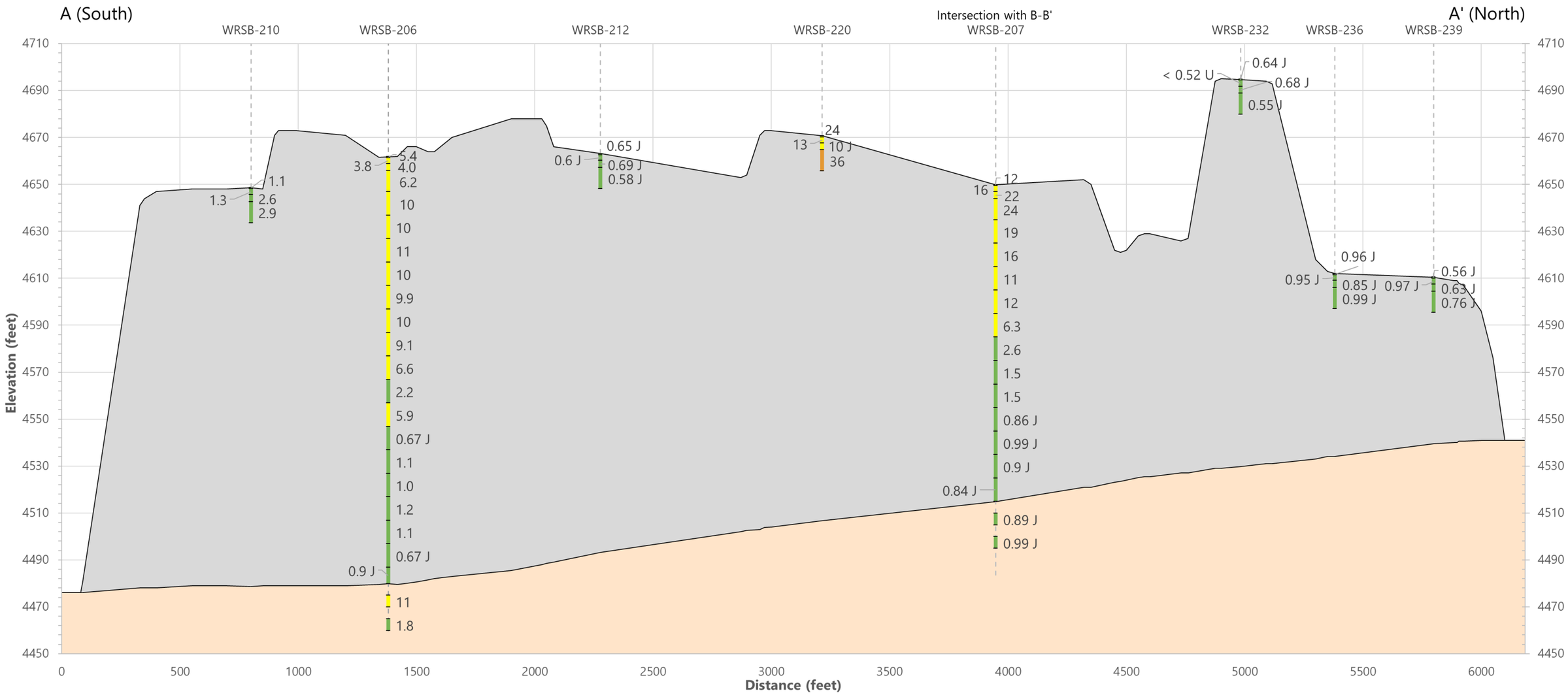
Notes:
1. All locations and boundaries are approximate.
2. Sub-Area A-2 background concentration limit (BCL) for Molybdenum is 3.3 mg/kg.
3. Data shown are from the 2018-2020 investigations.
4. Sample results show the maximum detected alluvium or waste rock concentration at each location.
5. Laboratory qualifiers:
   J = Estimated concentration
6. Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

MOLYBDENUM CONCENTRATIONS IN ALLUVIUM AND WASTE ROCK SAMPLES FROM THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

	Date: 2/26/2021	Proj. No. SA18170340
	By: DPV	Figure 5-14

D:\Projects\ACMS\Graphics\7.0 Graphics\7.1 Maps\SWRA\Revision1\MolybdenumSWRA.mxd



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for molybdenum is 3.3 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 10x

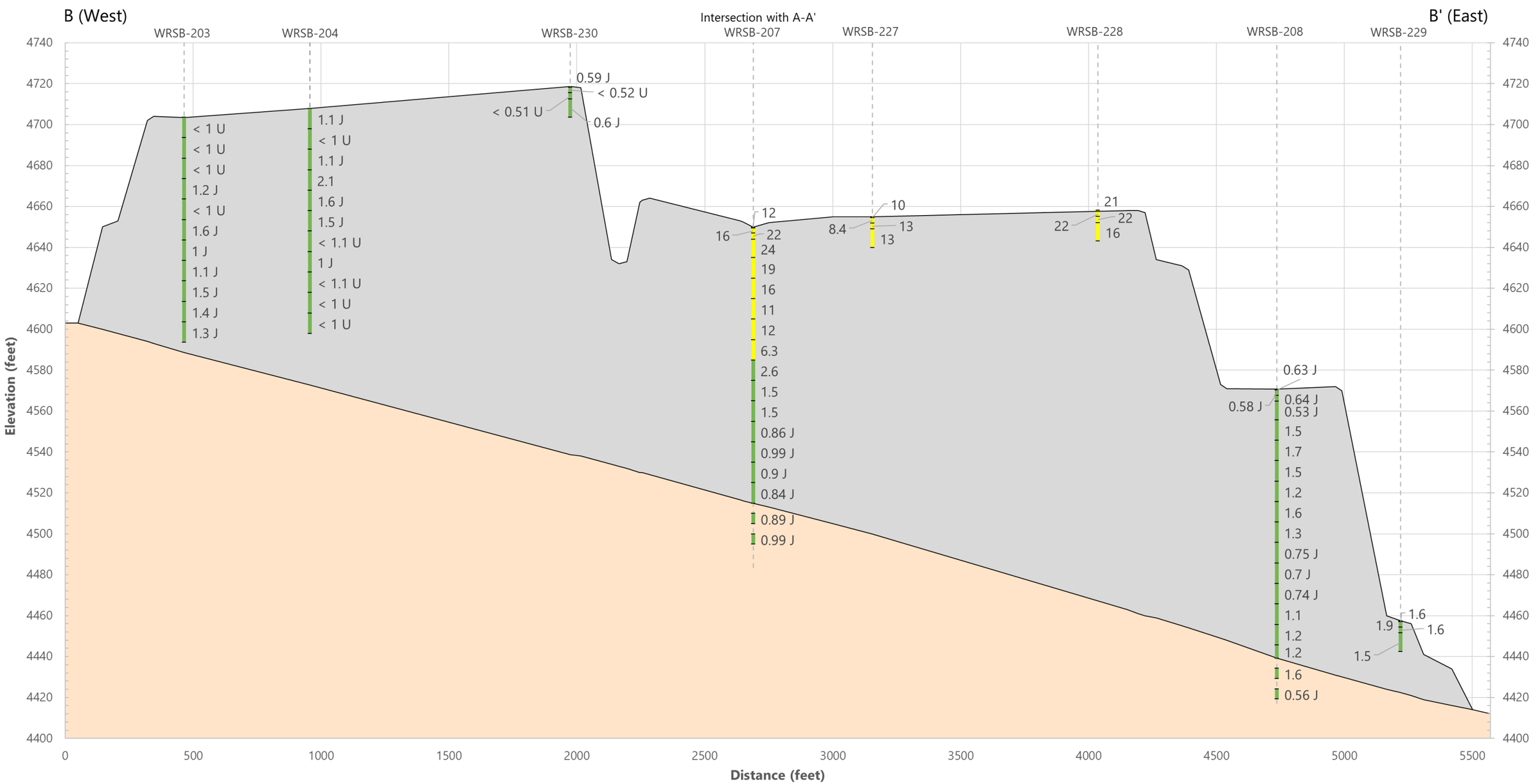
Explanation:

- ≤ 3.3 mg/kg
- 3.3 – 33 mg/kg
- > 33 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

MOLYBDENUM CONCENTRATIONS
BY DEPTH IN THE OU-5 SOUTH
WASTE ROCK AREA (A-A')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 08/13/20	Project No. SA18170340
By: BMJ	**Figure 5-15**



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for molybdenum is 3.3 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 8x

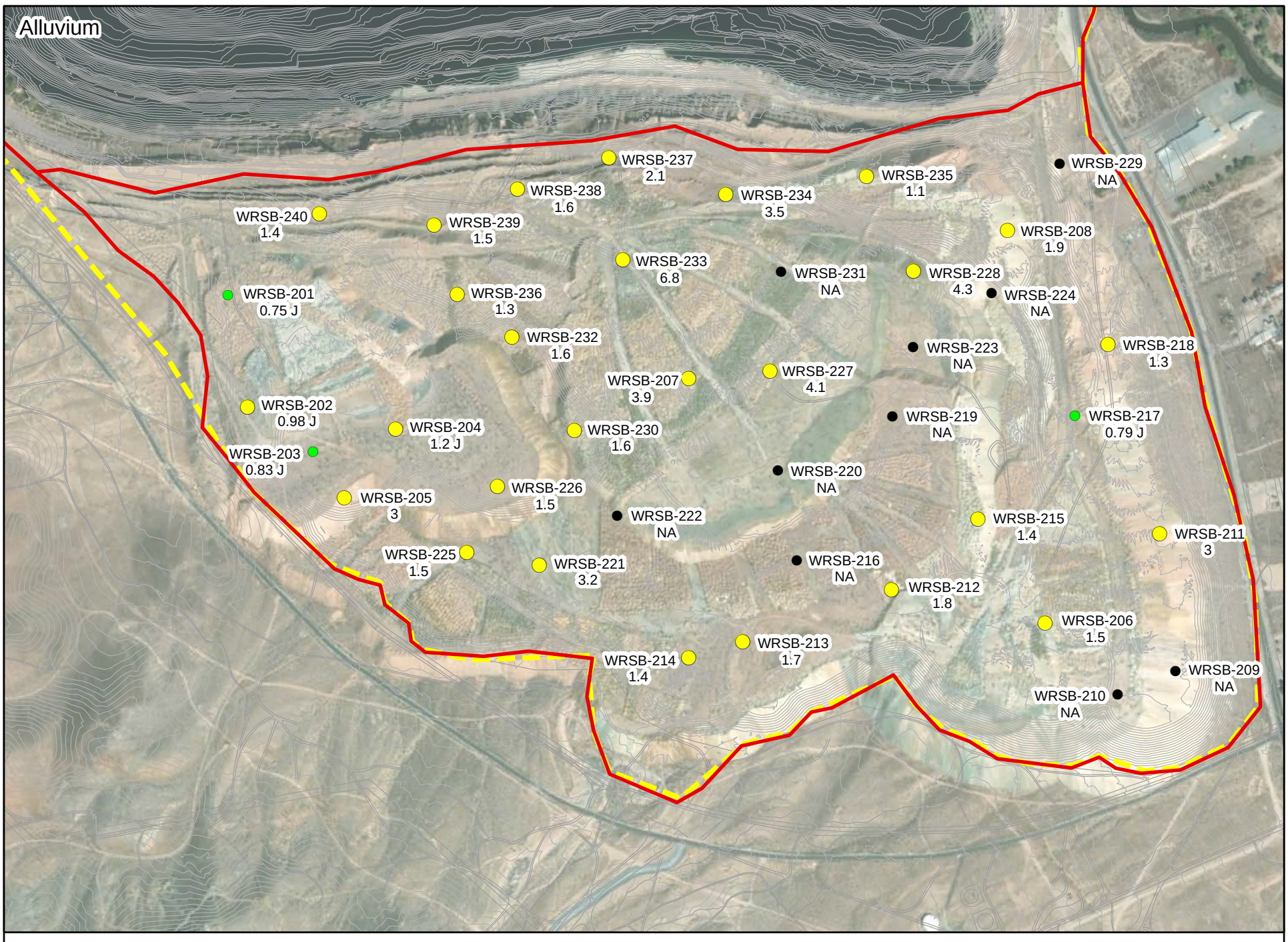
Explanation:

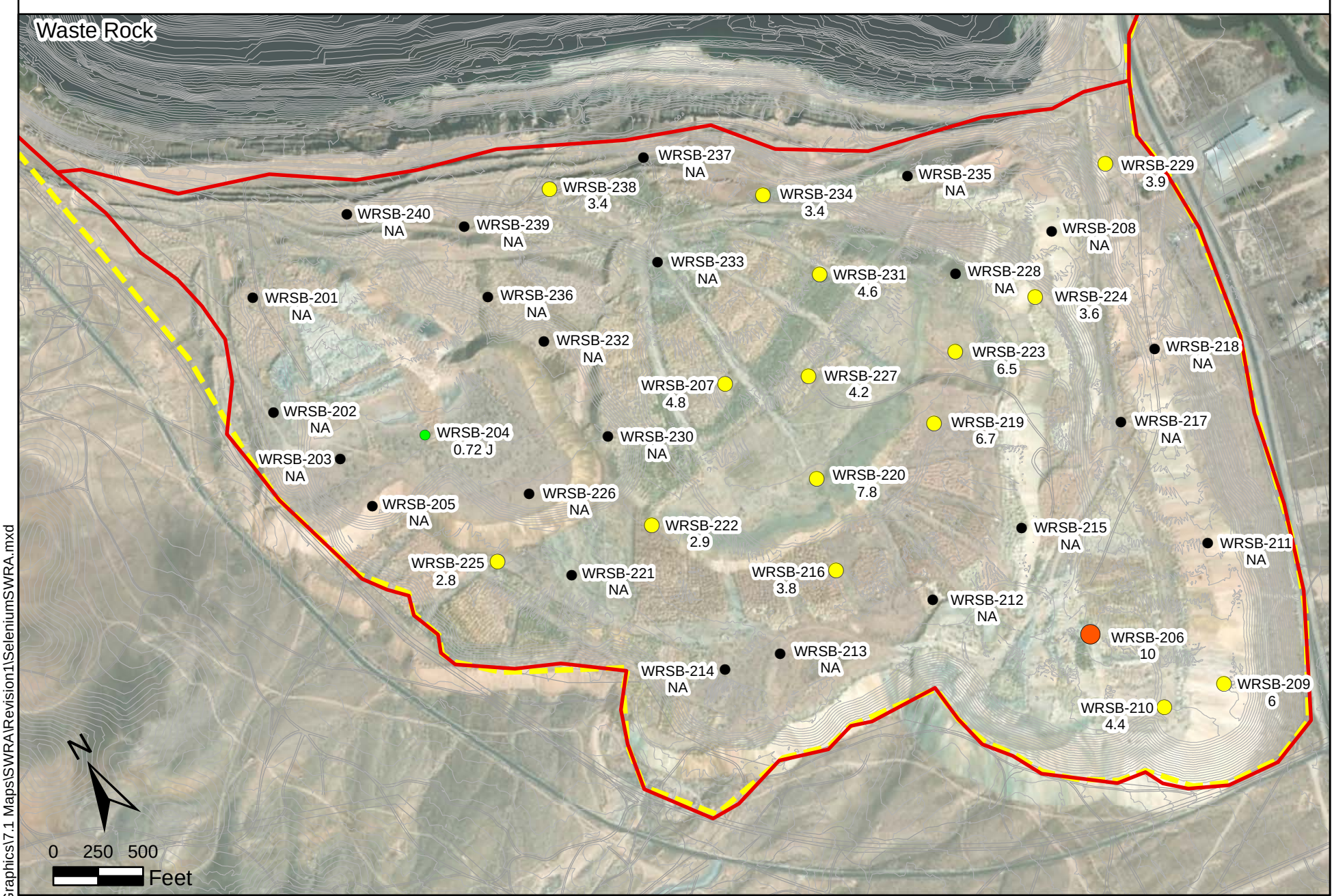
- ≤ 3.3 mg/kg
- 3.3 – 33 mg/kg
- > 33 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

MOLYBDENUM CONCENTRATIONS
BY DEPTH IN THE OU-5 SOUTH
WASTE ROCK AREA (B-B')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 08/13/20	Project No. SA18170340
By: BMJ	**Figure 5-16**





Explanation:

- Operable Unit Boundary
- ACMS Boundary
- Less than or equal to the BCL
- Between 1X and 10X the BCL
- Over 10X BCL
- Alluvium or waste rock not encountered at location

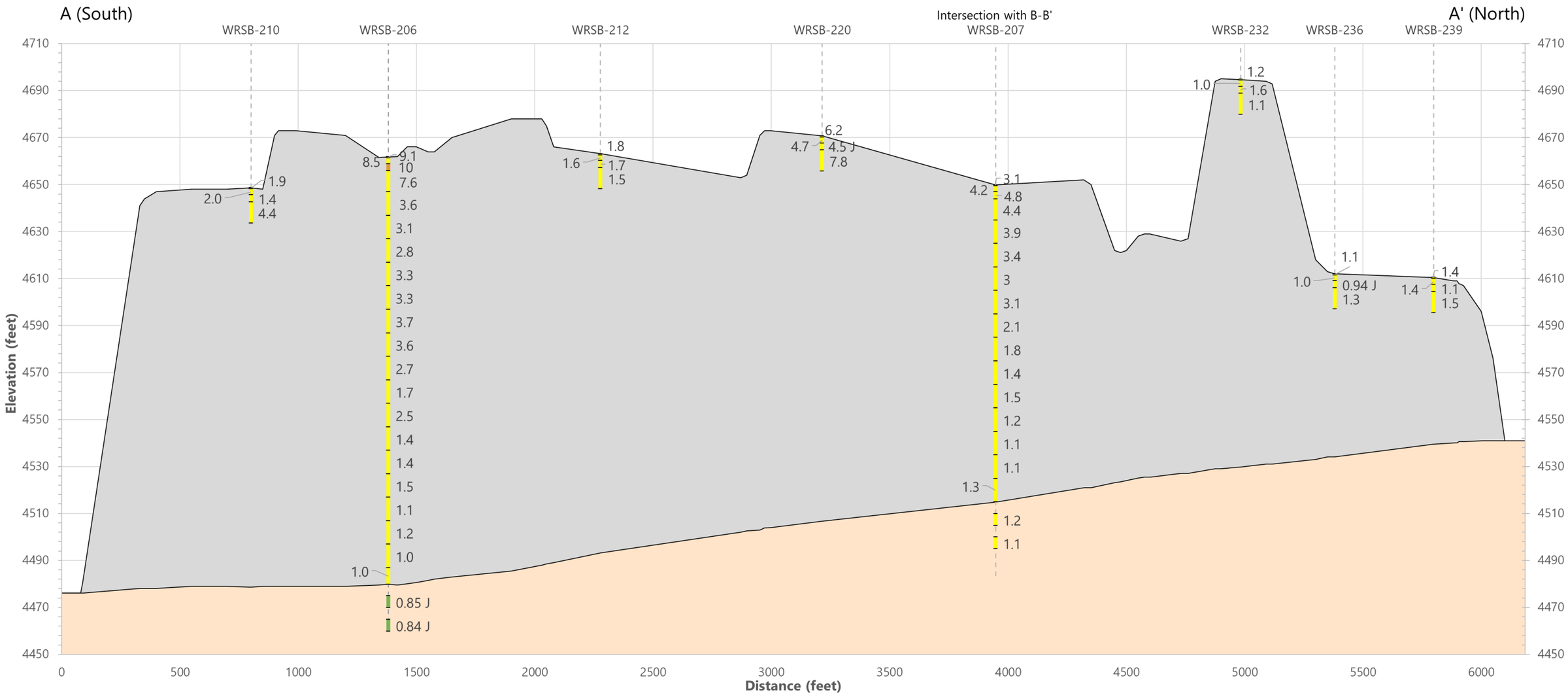
Notes:
1. All locations and boundaries are approximate.
2. Sub-Area A-2 background concentration limit (BCL) for Selenium is 0.87 mg/kg.
3. Data shown are from the 2018-2020 investigations.
4. Sample results show the maximum detected alluvium or waste rock concentration at each location.
5. Laboratory qualifiers:
   J = Estimated concentration
6. Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SELENIUM CONCENTRATIONS IN ALLUVIUM AND WASTE ROCK SAMPLES FROM THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

	Date: 2/26/2021	Proj. No. SA18170340
	By: DPV	Figure 5-17

D:\Projects\ACMS\Graphics\7.0 Graphics\7.1 Maps\SWRA\Revision1\SeleniumSWRA.mxd



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for selenium is 0.87 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 10x

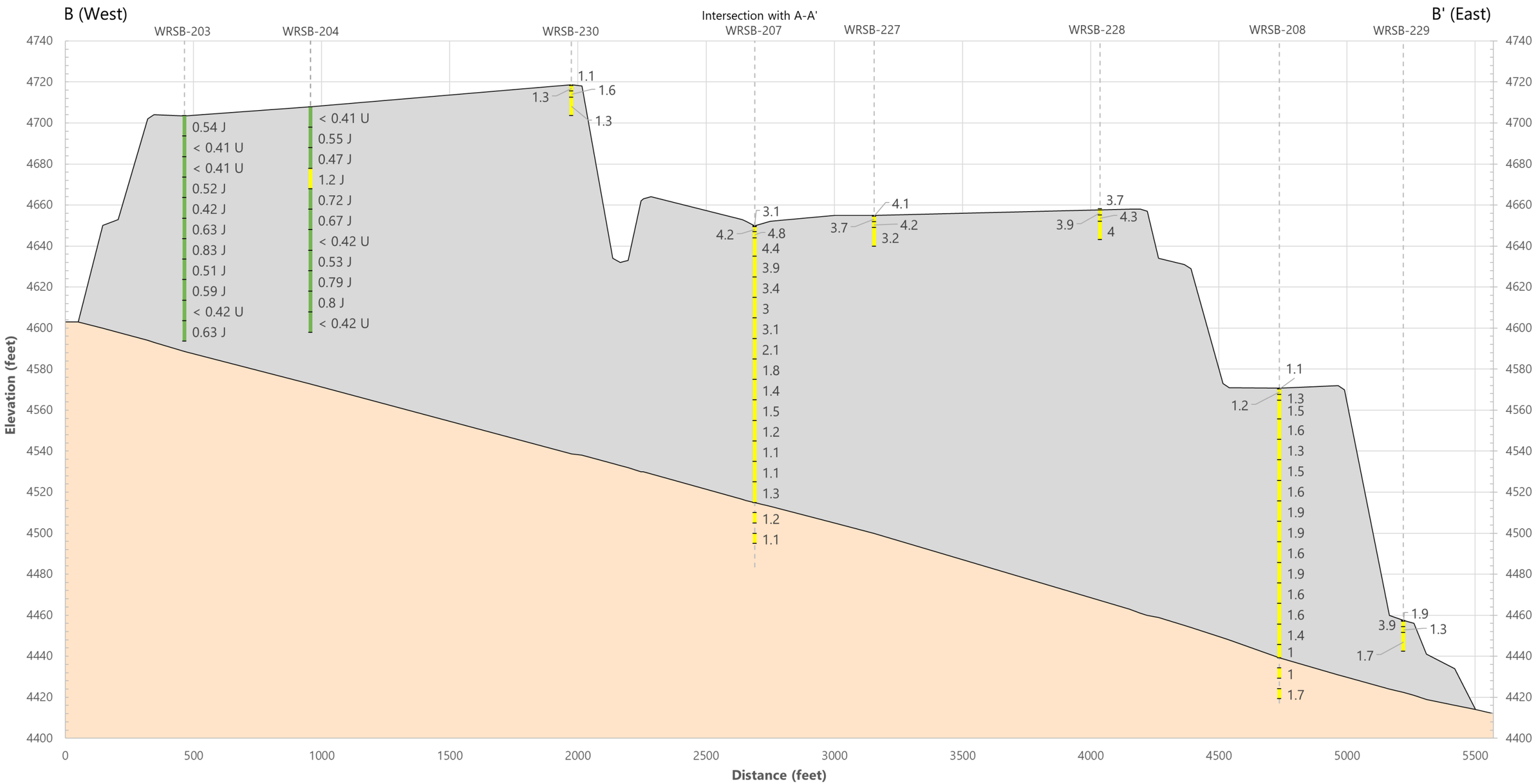
Explanation:

- ≤ 0.87 mg/kg
- 0.87 – 8.7 mg/kg
- > 8.7 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

SELENIUM CONCENTRATIONS BY DEPTH IN THE OU-5 SOUTH WASTE ROCK AREA (A-A')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 08/13/20	Project No. SA18170340
By: BMJ	**Figure 5-18**



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for selenium is 0.87 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 8x

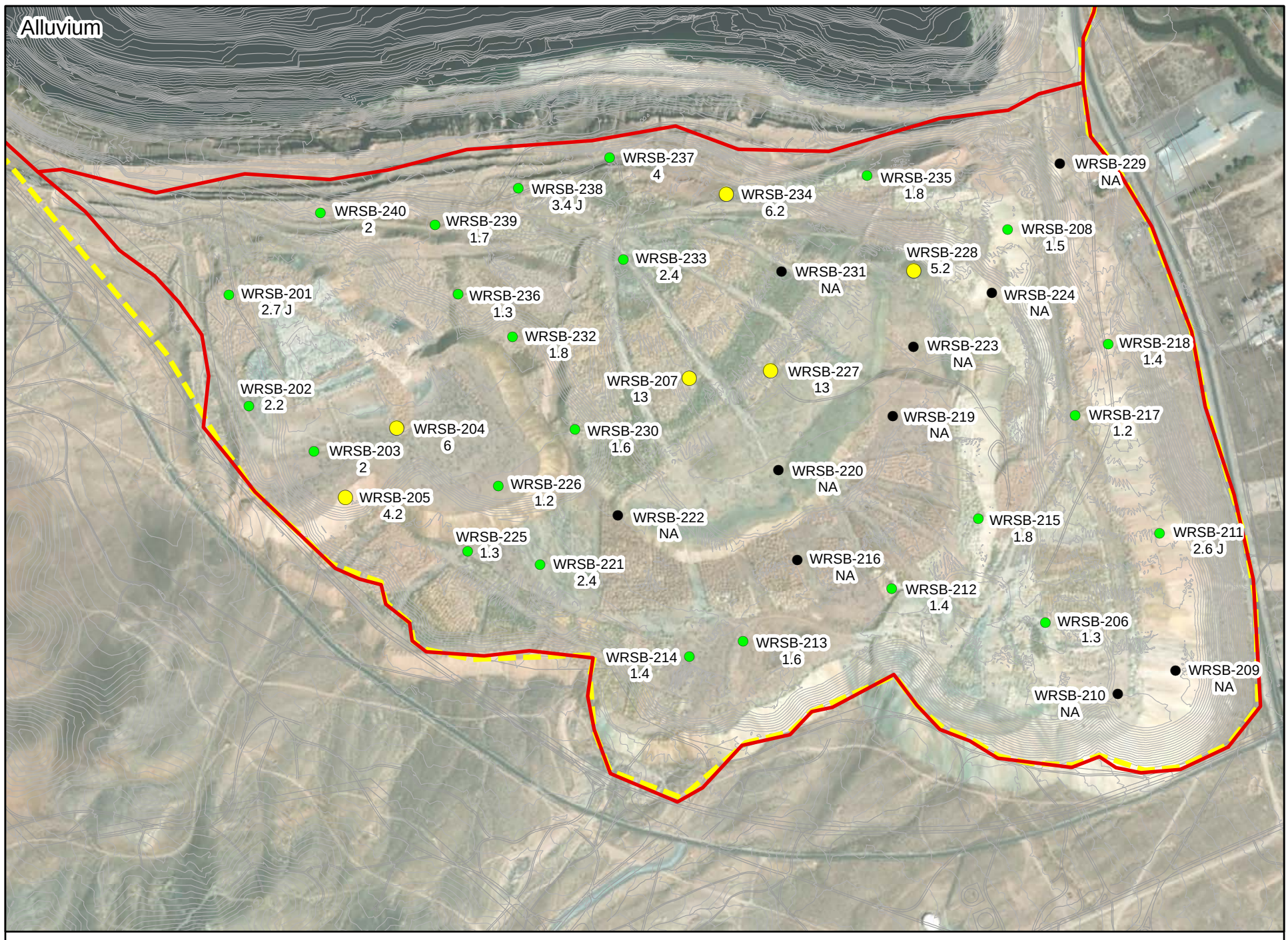
Explanation:

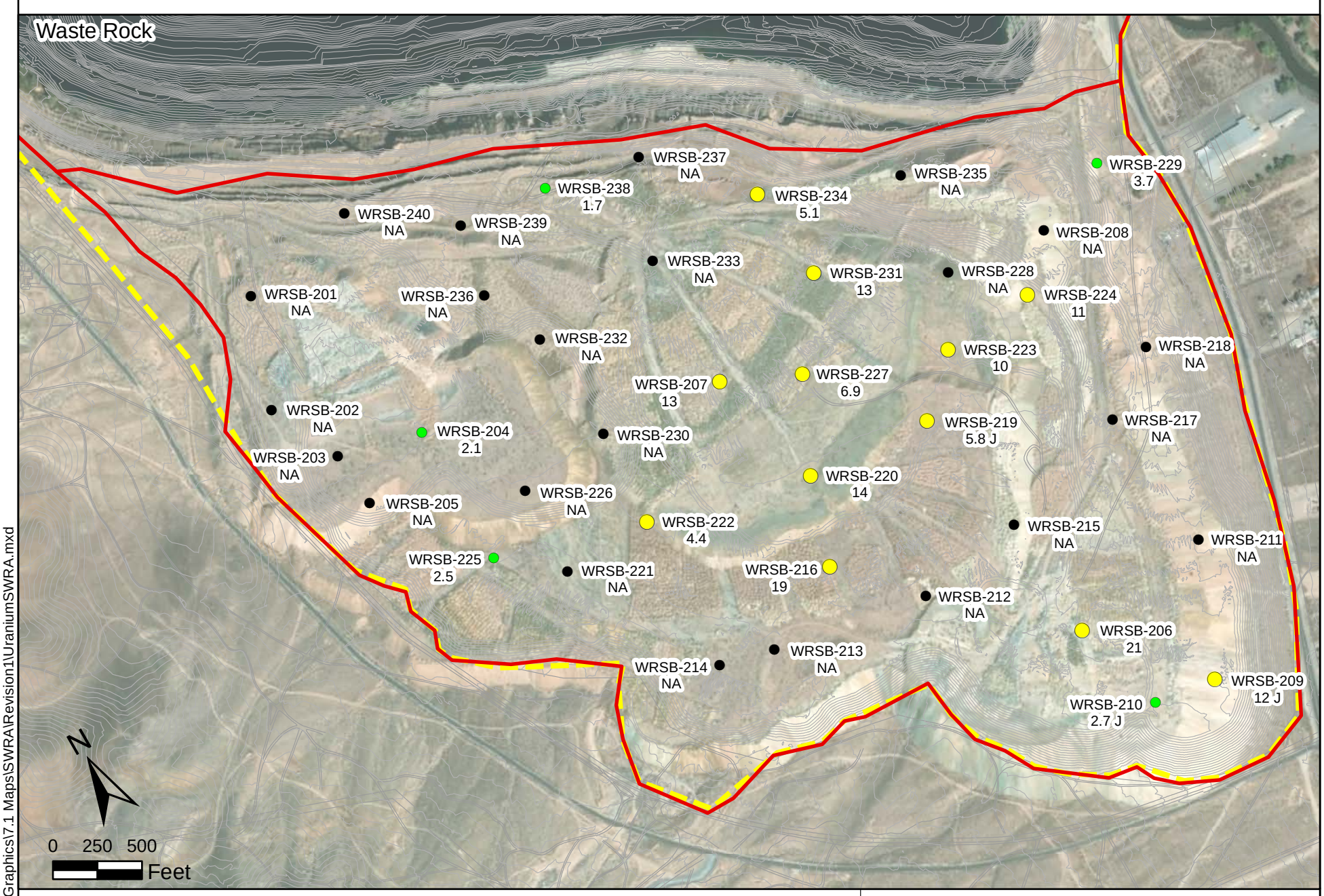
- ≤ 0.87 mg/kg
- 0.87 – 8.7 mg/kg
- > 8.7 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

SELENIUM CONCENTRATIONS BY DEPTH IN THE OU-5 SOUTH WASTE ROCK AREA (B-B')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 08/13/20	Project No. SA18170340
By: BMJ	**Figure 5-19**





Explanation:

- Operable Unit Boundary
- ACMS Boundary
- Less than or equal to the BCL
- Between 1X and 10X the BCL
- Over 10X BCL
- Alluvium or waste rock not encountered at location

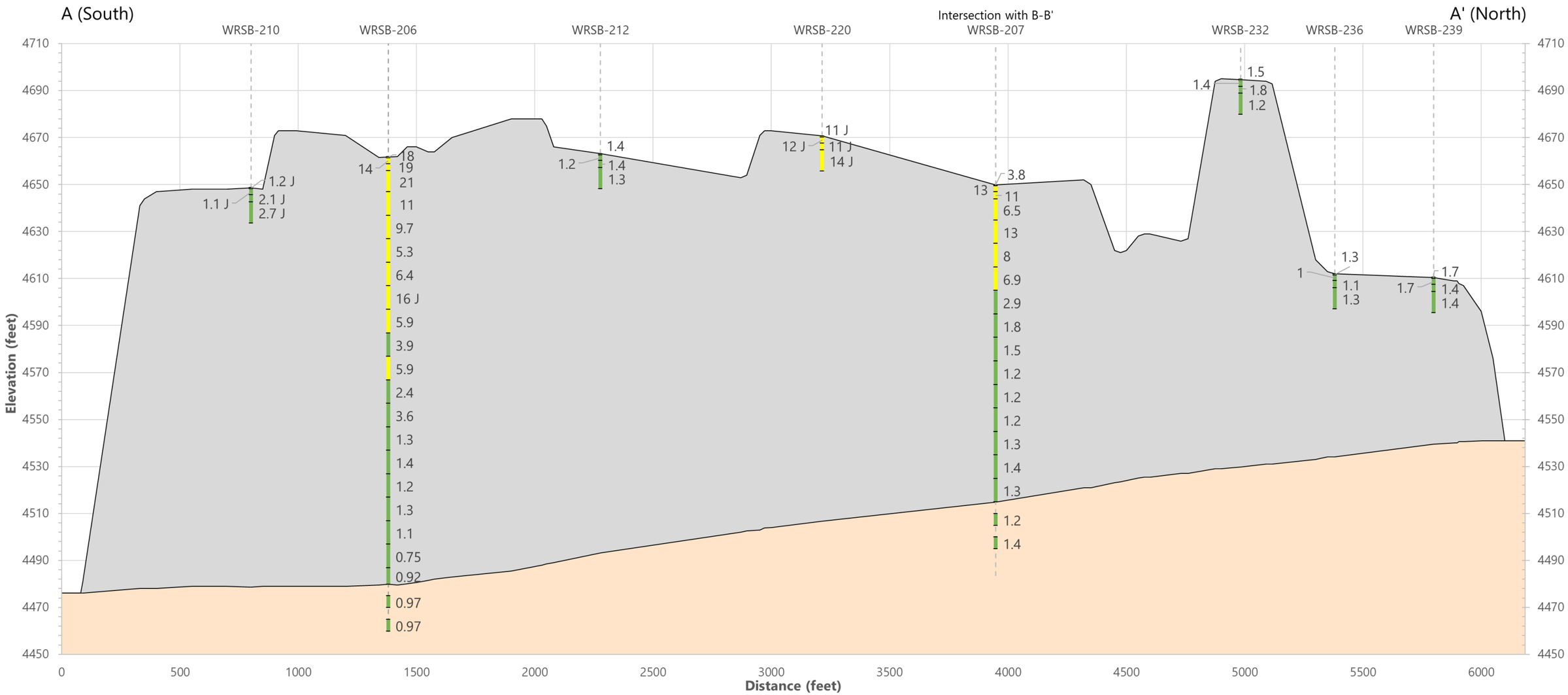
Notes:
1. All locations and boundaries are approximate.
2. Sub-Area A-2 background concentration limit (BCL) for Uranium is 4.1 mg/kg.
3. Data shown are from the 2018-2020 investigations.
4. Sample results show the maximum detected alluvium or waste rock concentration at each location.
5. Laboratory qualifiers:
   J = Estimated concentration
6. Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

URANIUM CONCENTRATIONS IN ALLUVIUM AND WASTE ROCK SAMPLES FROM THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

	Date: 2/26/2021	Proj. No. SA18170340
	By: DPV	Figure **5-20**

D:\Projects\ACMS\Graphics\7.0 Graphics\7.1 Maps\SWRA\Revision1\UraniumSWRA.mxd



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for uranium is 4.1 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 10x

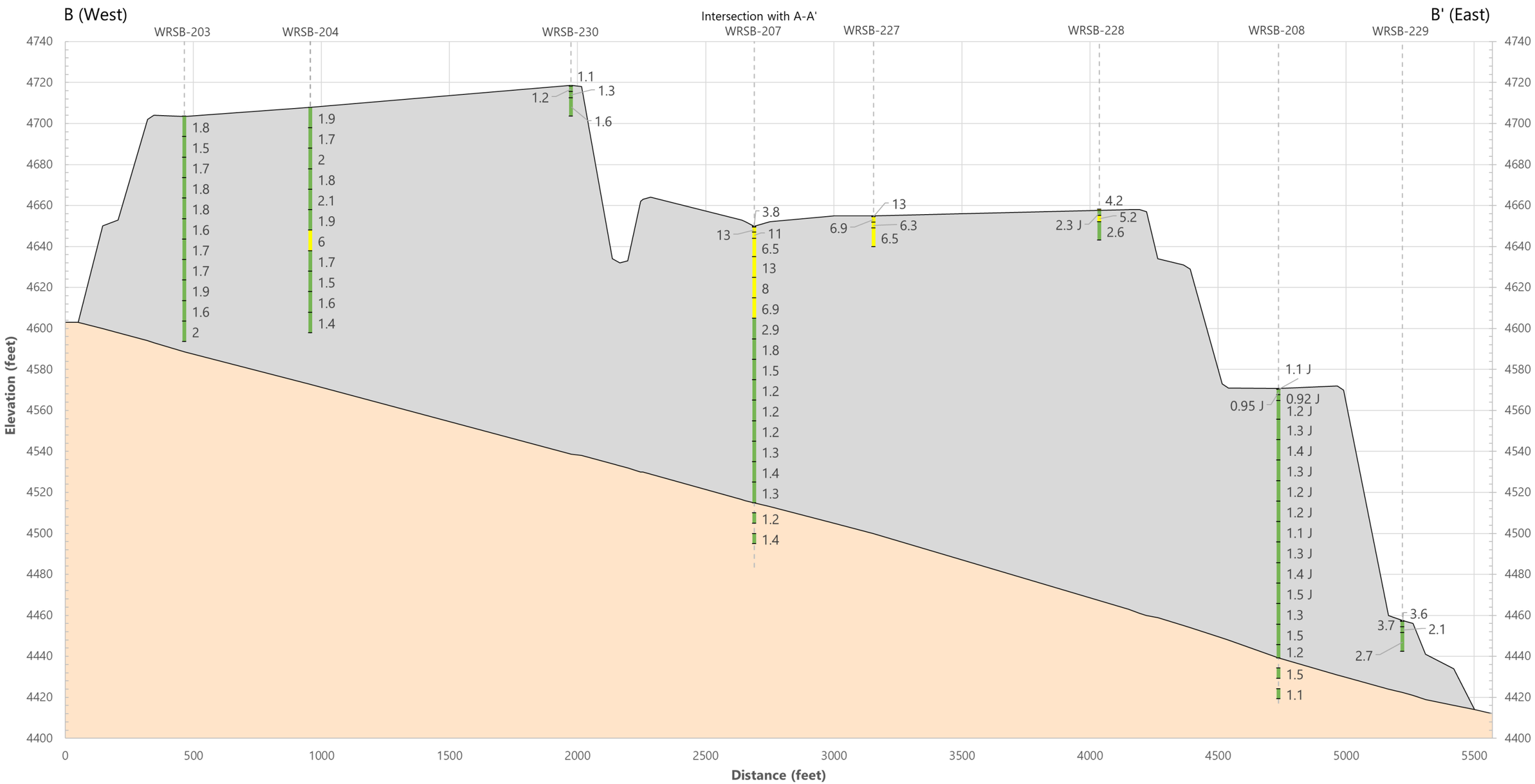
Explanation:

- ≤ 4.1 mg/kg
- 4.1 – 41 mg/kg
- > 41 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

URANIUM CONCENTRATIONS BY DEPTH IN THE OU-5 SOUTH WASTE ROCK AREA (A-A')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 08/13/20	Project No. SA18170340
By: BMJ	**Figure 5-21**



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for uranium is 4.1 mg/kg.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in mg/kg.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 8x

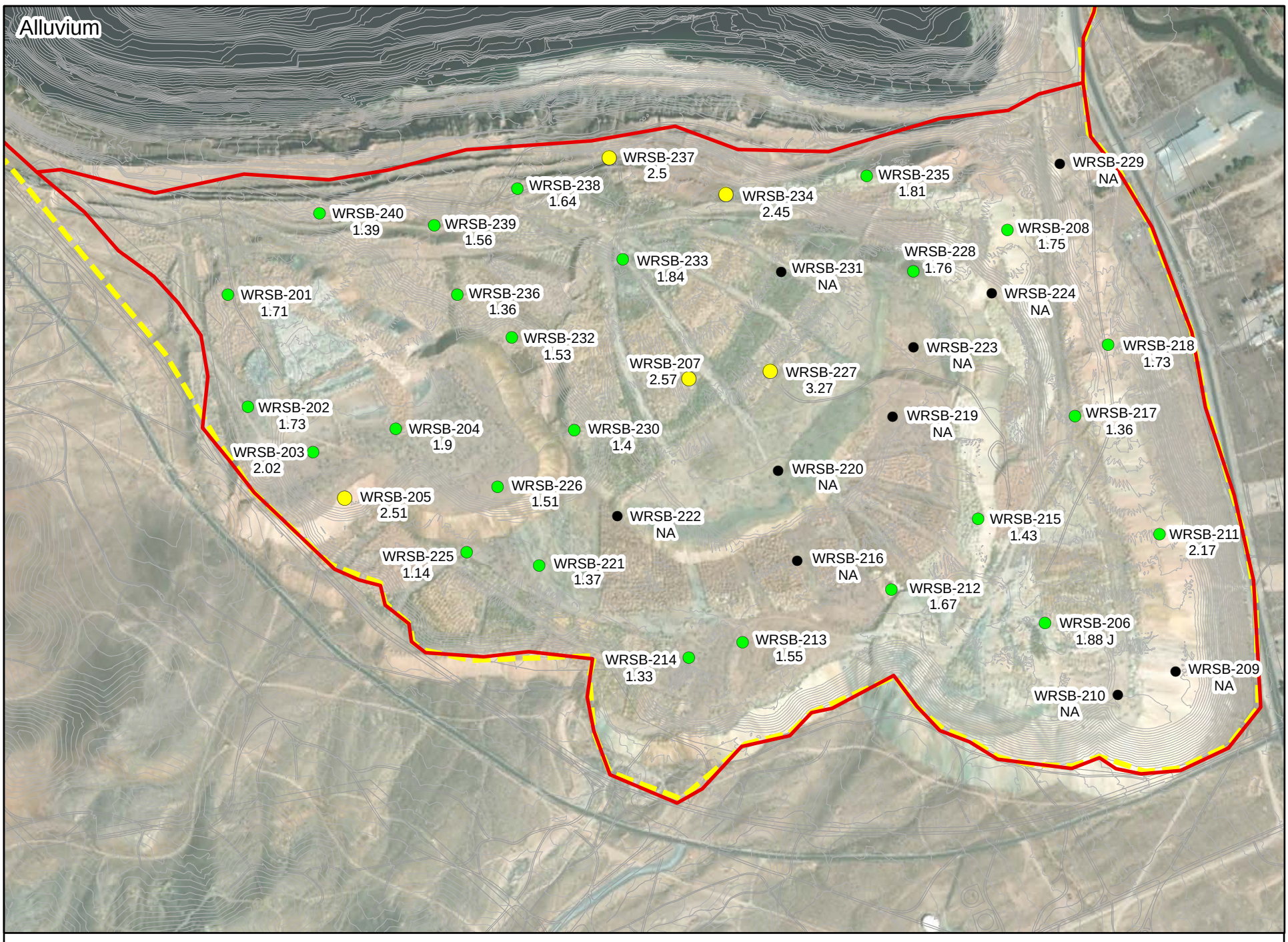
Explanation:

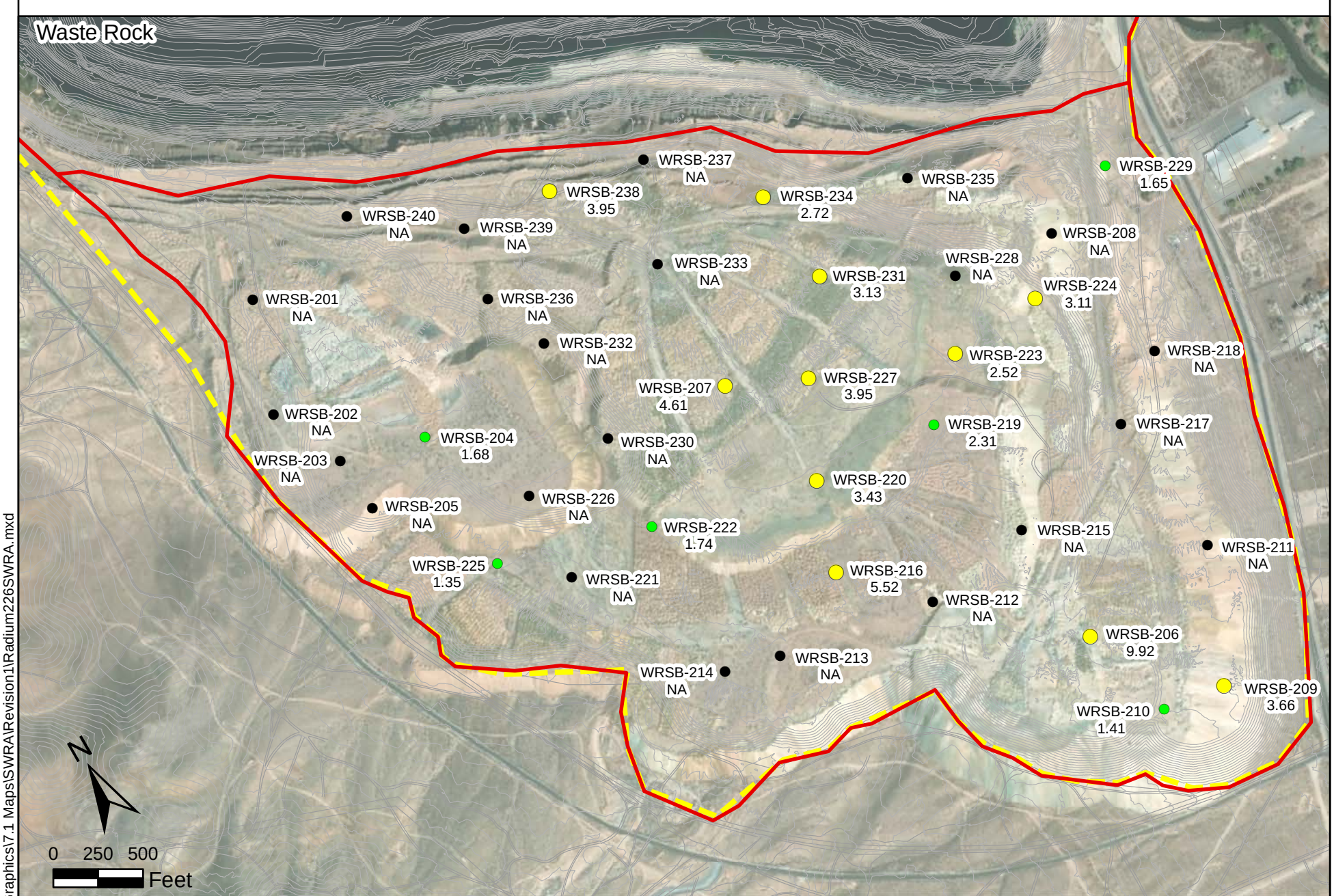
- ≤ 4.1 mg/kg
- 4.1 – 41 mg/kg
- > 41 mg/kg
- Waste rock and alluvium
- Interpreted contact
- Native soil

URANIUM CONCENTRATIONS BY DEPTH IN THE OU-5 SOUTH WASTE ROCK AREA (B-B')
Anaconda Mine Site
Lyon County, Nevada

wood.

	Date: 08/13/20	Project No. SA18170340
	By: BMJ	**Figure 5-22**





Explanation:

- Operable Unit Boundary
- ACMS Boundary
- Less than or equal to the BCL
- Between 1X and 10X the BCL
- Over 10X BCL
- Alluvium or Waste Rock not Encountered at Location

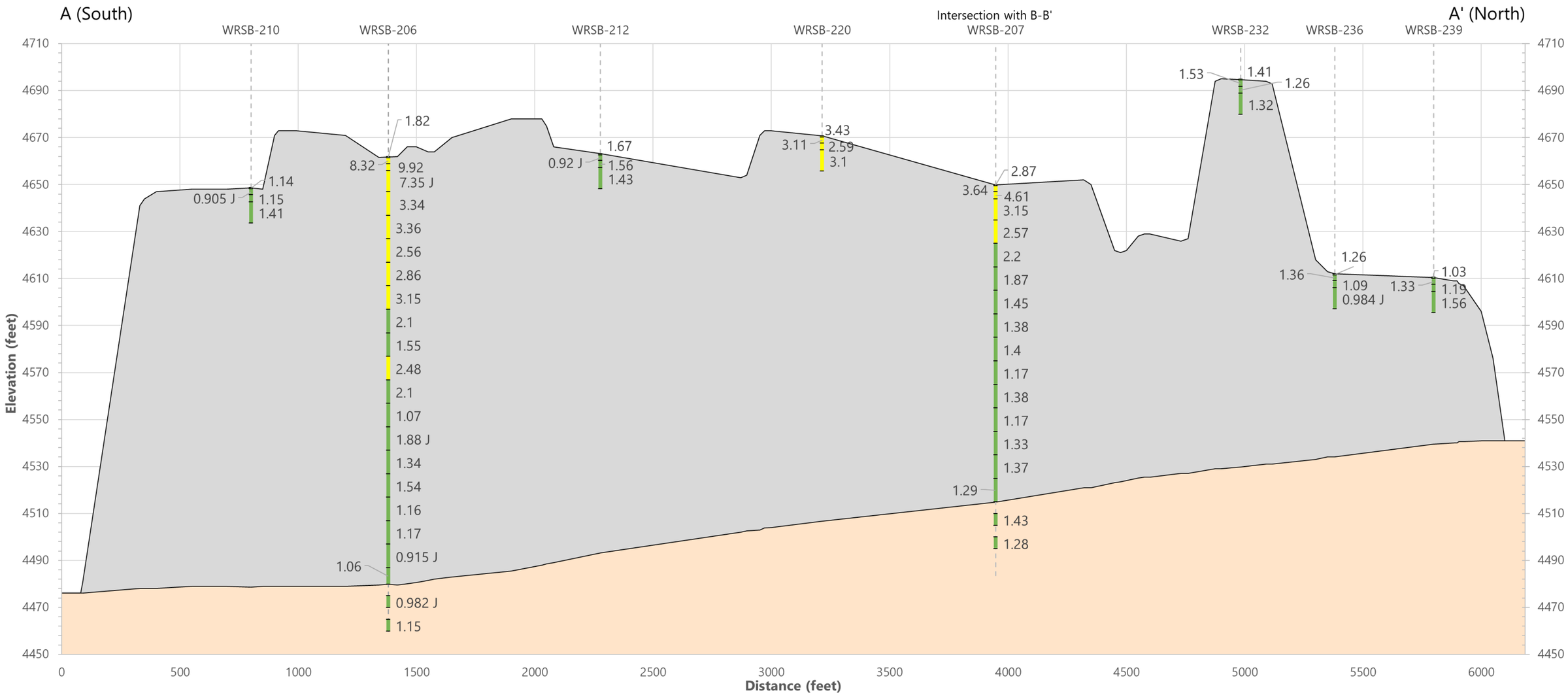
Notes:
1. All locations and boundaries are approximate.
2. Sub-Area A-2 background concentration limit (BCL) for Radium-226 is 2.44 pCi/g.
3. Data shown are from the 2018-2020 investigations.
4. Sample results show the maximum detected alluvium or waste rock concentration at each location.
5. Laboratory qualifiers:
   J = Estimated concentration
6. Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

RADIUM-226 CONCENTRATIONS IN ALLUVIUM AND WASTE ROCK SAMPLES FROM THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

	Date: 2/26/2021	Proj. No. SA18170340
	By: DPV	Figure 5-23

D:\Projects\ACMS\Graphics\7.0 Graphics\7.1 Maps\SWRA\Revision1\Radium226SWRA.mxd



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for radium-226 is 2.44 pCi/g.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in pCi/g.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 10x

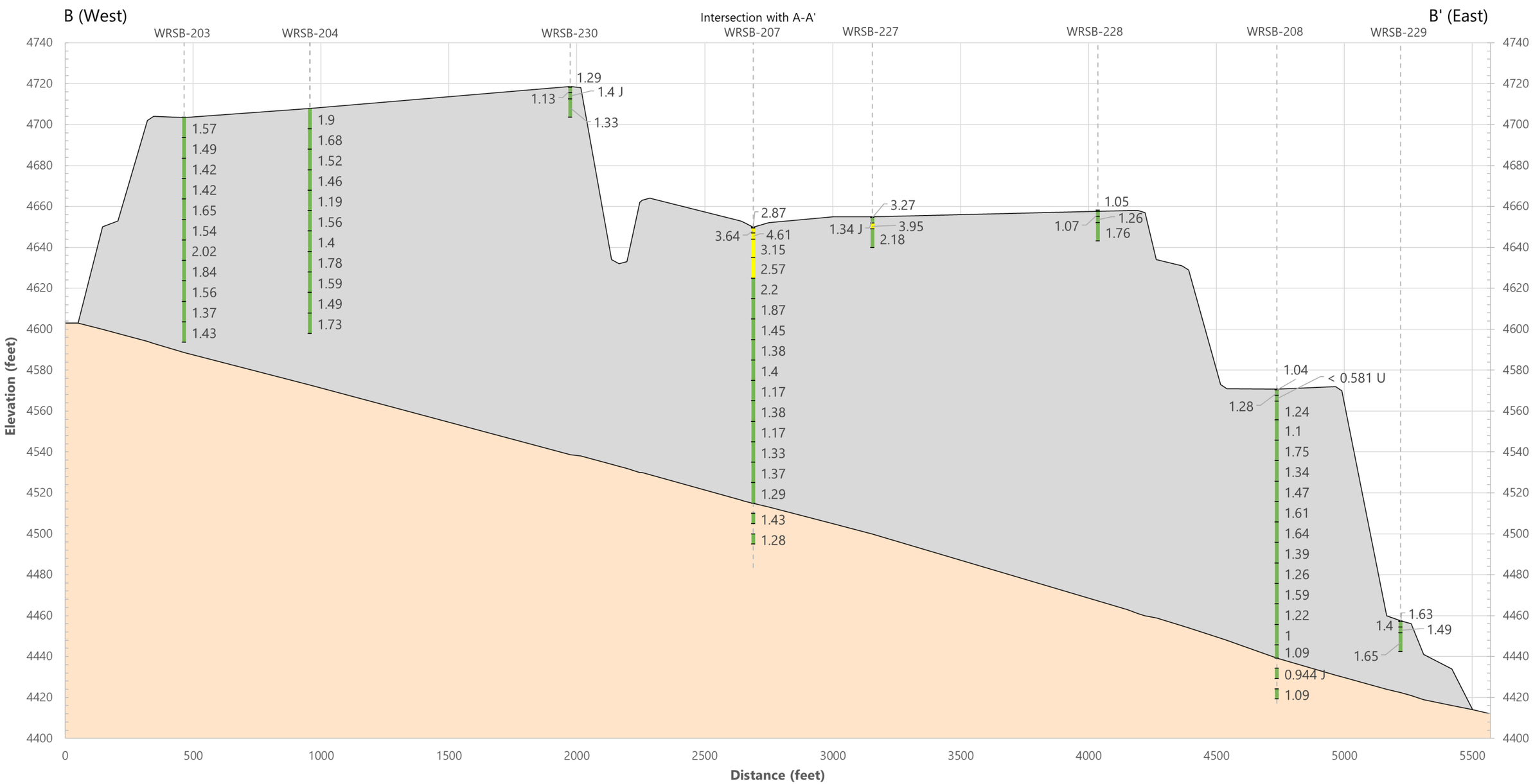
Explanation:

- ≤ 2.44 pCi/g
- 2.44 – 24.4 pCi/g
- > 24.4 pCi/g
- Waste rock and alluvium
- Interpreted contact
- Native soil

RADIUM-226 CONCENTRATIONS
BY DEPTH IN THE OU-5 SOUTH
WASTE ROCK AREA (A-A')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 08/13/20	Project No. SA18170340
By: BMJ	**Figure 5-24**



Notes:
1) Sub-Area A-2 background concentration limit (BCL) for radium-226 is 2.44 pCi/g.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in pCi/g.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 8x

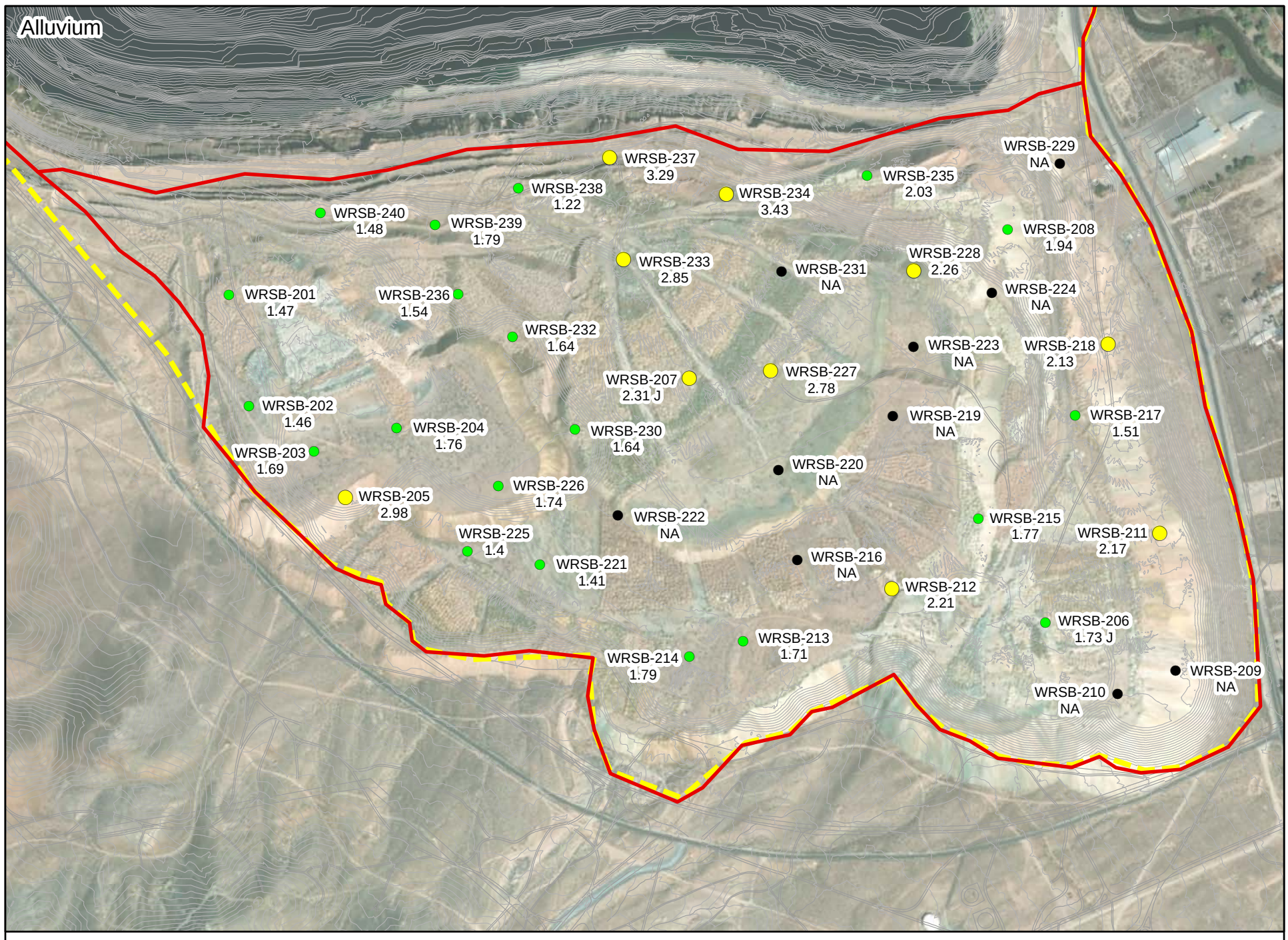
Explanation:

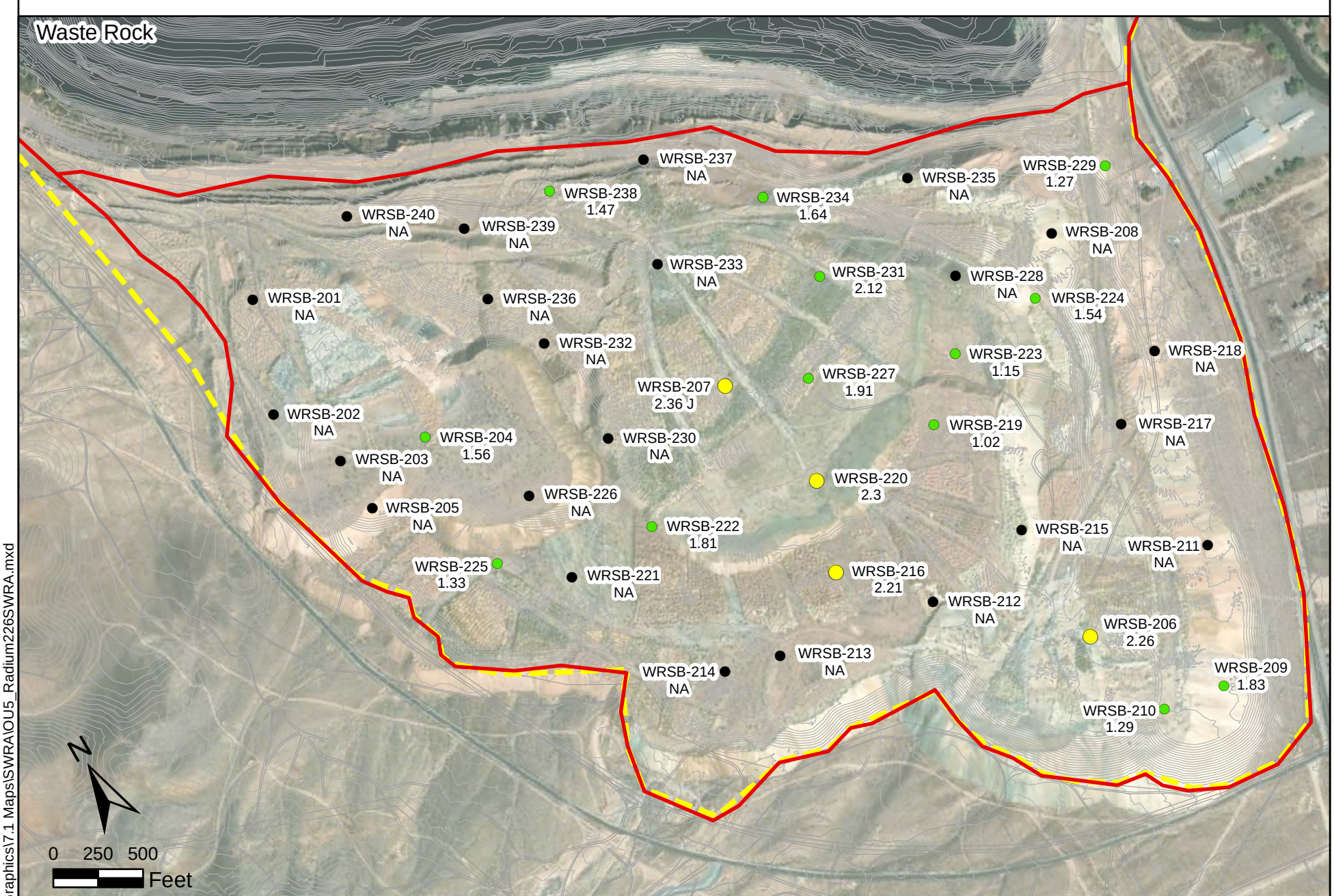
- ≤ 2.44 pCi/g
- 2.44 – 24.4 pCi/g
- > 24.4 pCi/g
- Waste rock and alluvium
- Interpreted contact
- Native soil

RADIUM-226 CONCENTRATIONS
BY DEPTH IN THE OU-5 SOUTH
WASTE ROCK AREA (B-B')
Anaconda Mine Site
Lyon County, Nevada

wood.

	Date: 08/13/20	Project No. SA18170340
	By: BMJ	**Figure 5-25**





Explanation:

- Operable Unit Boundary
- ACMS Boundary
- Less than or equal to the BCL
- Between 1X and 10X the BCL
- Over 10X BCL
- Alluvium or Waste Rock not Encountered at Location

Notes:
1. All locations and boundaries are approximate.
2. Sub-Area A-2 background concentration limit (BCL) for Radium-228 is 2.13 pCi/g.
3. Data shown are from the 2018-2020 investigations.
4. Sample results show the maximum detected alluvium or waste rock concentration at each location.
5. Laboratory qualifiers:
   J = Estimated concentration
6. Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

RADIUM-228 CONCENTRATIONS IN ALLUVIUM AND WASTE ROCK SAMPLES FROM THE OU-5 SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.

	Date: 3/11/2021	Proj. No. SA18170340
	By: DPV	Figure **5-26**

D:\Projects\ACMS\Graphics\7.0 Graphics\7.1 Maps\SWRA\OU5_Radium226SWRA.mxd

Notes:
1) Sub-Area A-2 background concentration limit (BCL) for radium-228 is 2.13 pCi/g.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in pCi/g.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 10x

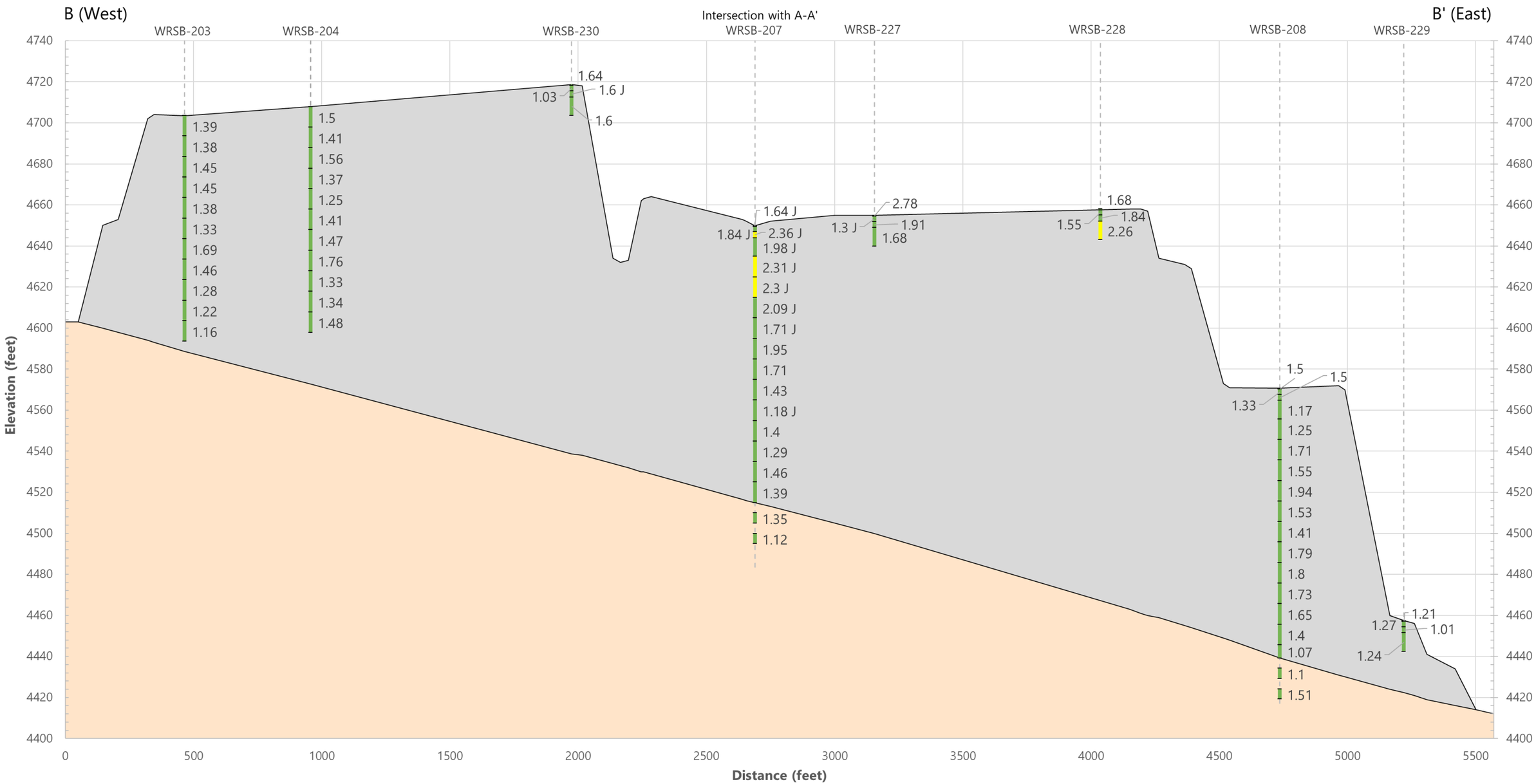
Explanation:

- ≤ 2.13 pCi/g
- 2.13 – 21.3 pCi/g
- > 21.3 pCi/g
- Waste rock and alluvium
- Interpreted contact
- Native soil

RADIUM-228 CONCENTRATIONS
BY DEPTH IN THE OU-5 SOUTH
WASTE ROCK AREA (A-A')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 02/17/21	Project No. SA18170340
By: KP	**Figure 5-27**



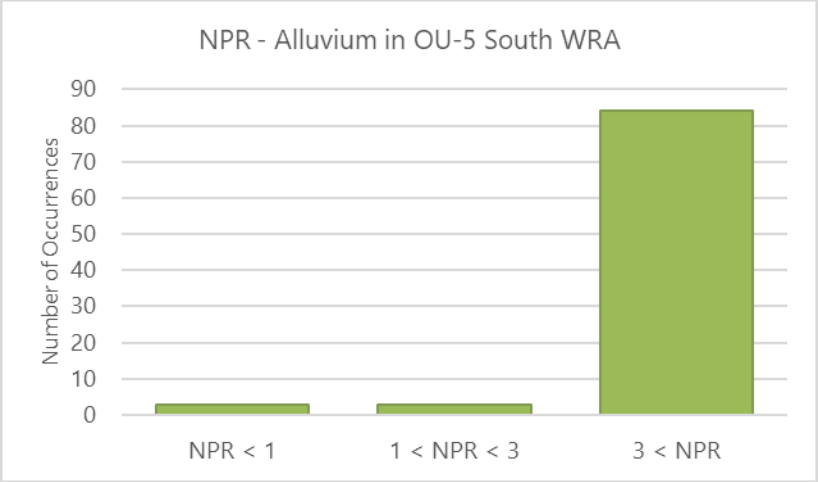
Notes:
1) Sub-Area A-2 background concentration limit (BCL) for radium-228 is 2.13 pCi/g.
2) Concentrations are color coded as a 10x multiplier of the BCL.
3) Data shown are from the 2018 and 2019-2020 investigations and reported in pCi/g.
4) Cross-section locations are shown on Figure 5-1.
5) Vertical exaggeration is 8x

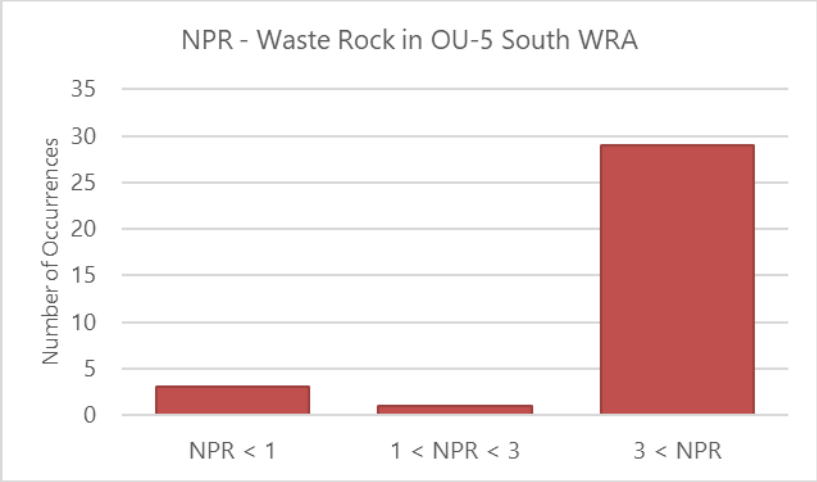
Explanation:
- ≤ 2.13 pCi/g
- 2.13 – 21.3 pCi/g
- > 21.3 pCi/g
- Waste rock and alluvium
- Interpreted contact
- Native soil

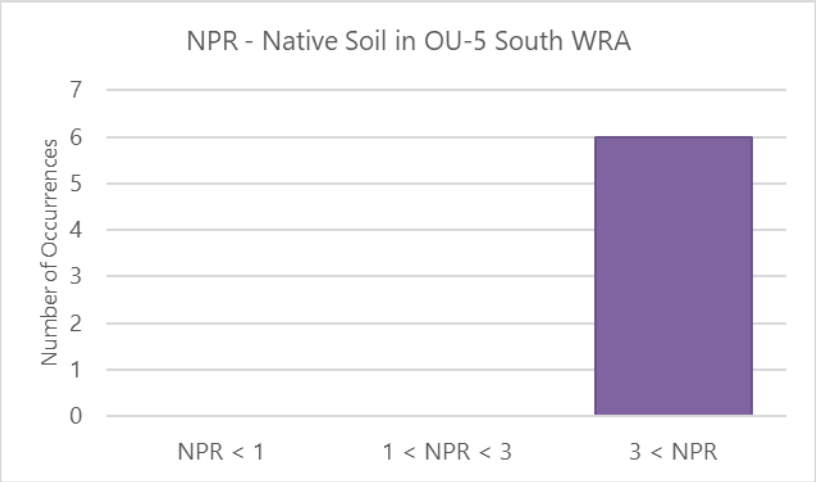
RADIUM-228 CONCENTRATIONS
BY DEPTH IN THE OU-5 SOUTH
WASTE ROCK AREA (B-B')
Anaconda Mine Site
Lyon County, Nevada

wood.

Date: 02/17/21	Project No. SA18170340
By: KP	**Figure 5-28**







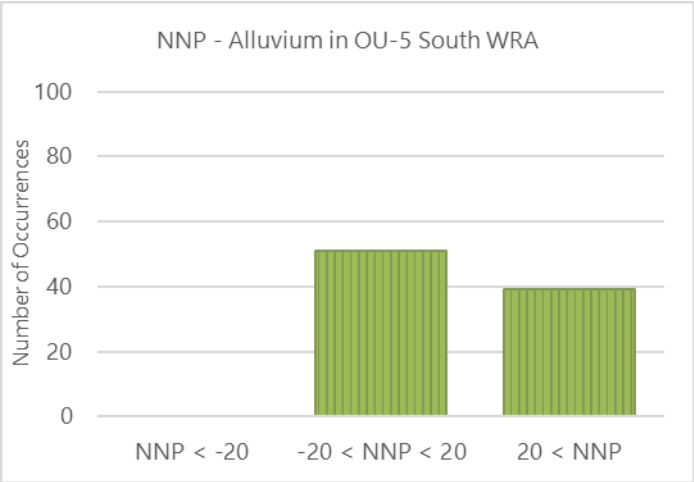
Notes:

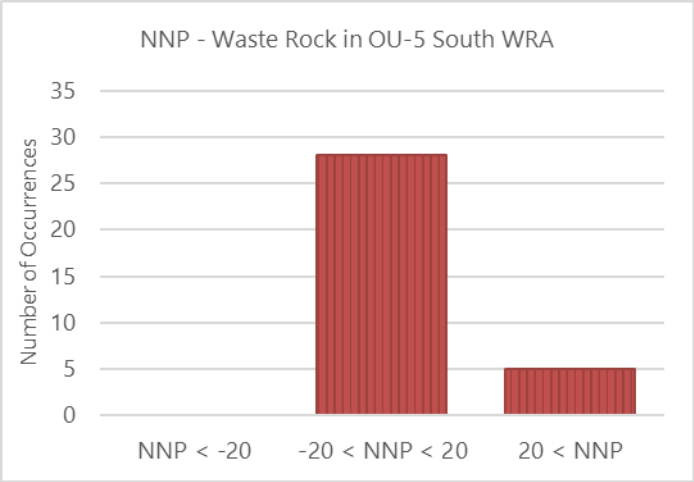
1) Data are from the 2018 and 2019-2020 investigation
2) General criteria for prediction of PAG material:
   NPR < 1 = PAG
   1 < NPR < 3 = uncertain
   NPR > 3 = non-PAG
3) OU-5 material groupings are defined as follows:
   Alluvium = 2018 and 2019-2020 alluvium samples from the OU-5 South WRA
   Waste Rock = 2018 and 2019-2020 waste rock samples from the OU-5 South WRA
   Native Soil = 2019-2020 samples collected from native soil beneath the OU-5 South WRA

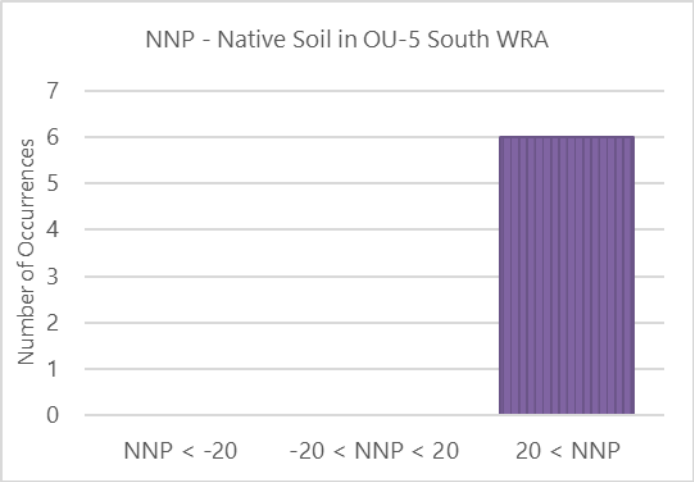
NEUTRALIZATION POTENTIAL RATIOS
BY MATERIAL TYPE IN THE SOUTH
WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.	Date: 09/14/20	Project No. SA18170340
	By: JG	**Figure 5-29**

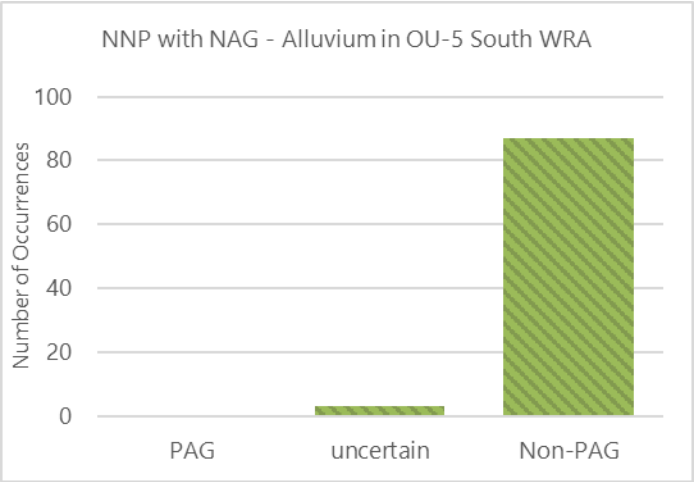
NNP

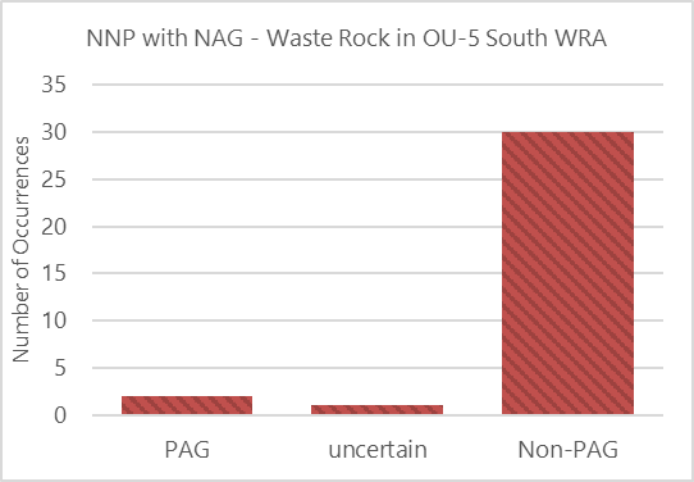


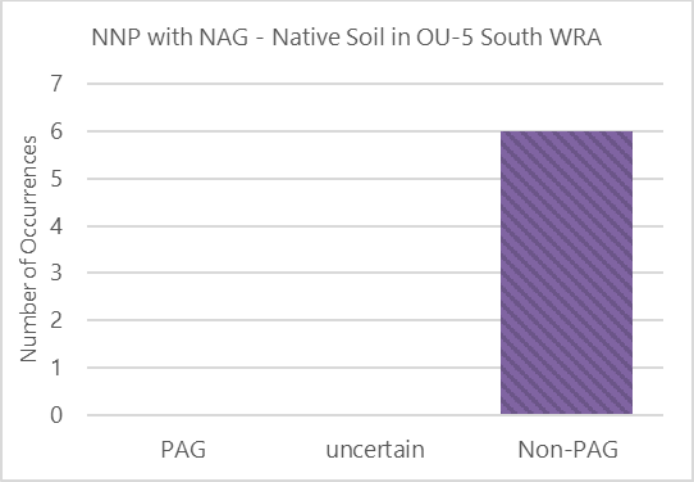




NNP with NAG



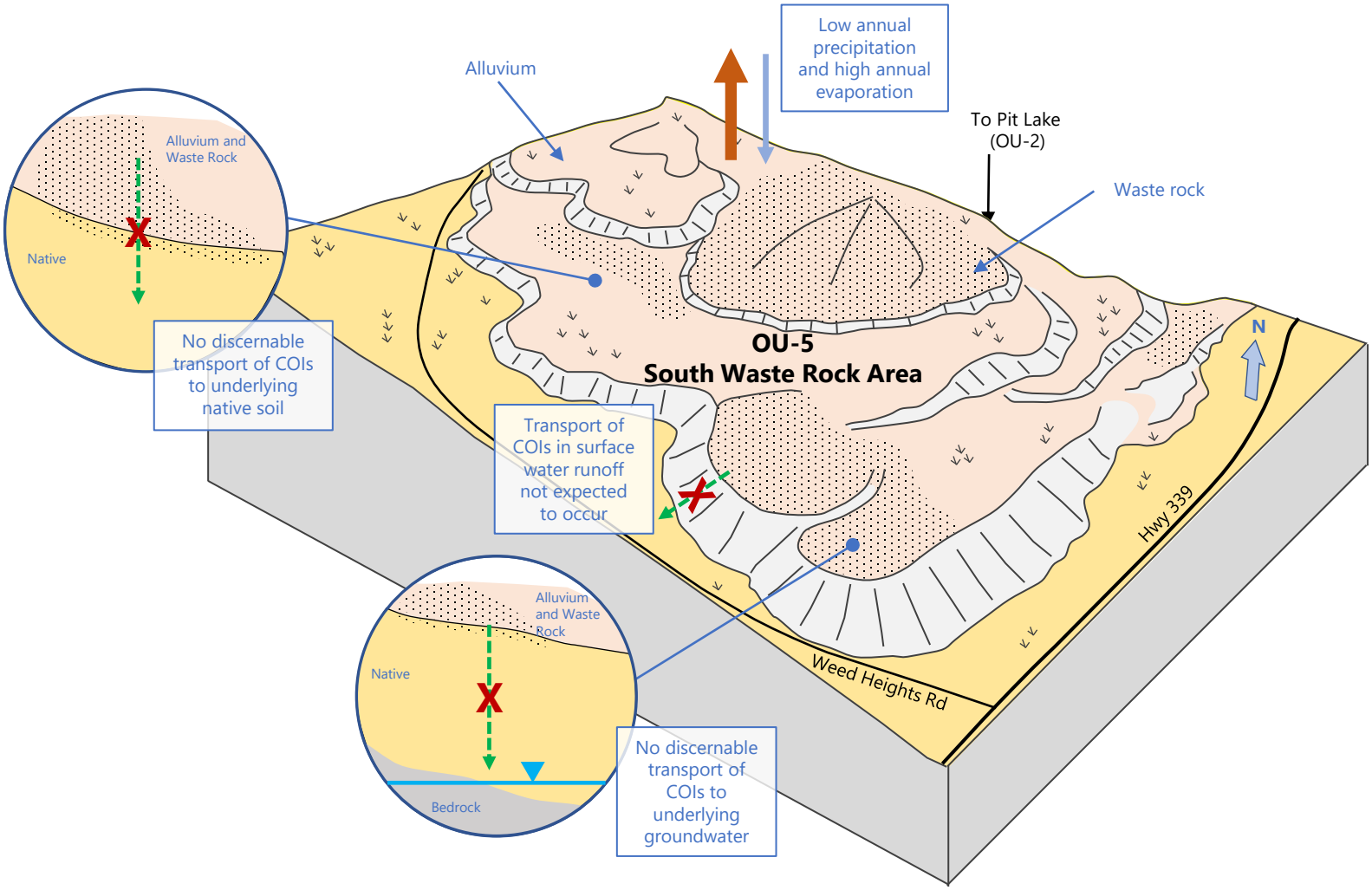




Notes:
1) Data are from the 2018 and 2019-2020 investigation
2) General NNP criteria for prediction of PAG material:
   NNP < -20 = PAG
   -20 < NNP < 20 = uncertain
   NNP > 20 = non-PAG
3) OU-4b material groupings are defined as follows:
   Alluvium = 2018 and 2019-2020 alluvium samples from the OU-5 South WRA
   Waste Rock = 2018 and 2019-2020 waste rock samples from the OU-5 South WRA
   Native Soil = 2019-2020 samples collected from native soil beneath the OU-5 South WRA

NET NEUTRALIZATION POTENTIAL AND
NET ACID GENERATION BY MATERIAL
TYPE IN THE SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.	Date: 03/06/21	Project No. SA18170340
	By: JG	**Figure 5-30**



Notes:
1) Not to scale

CONCEPTUAL SITE MODEL FOR OU-5
SOUTH WASTE ROCK AREA
Anaconda Copper Mine Site
Lyon County, Nevada

wood.	Date: 08/28/20	Project No. SA18170340
	By: JG	**Figure 5-31**