SFUND RECORDS CTR
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Preliminary Arsenic and Lead Background Sample Concentrations

Legend

XRF Sample Locations

Samples Collected January 2012
- Rock
- Soil
- Waterway Soil

Possible Sample Locations
- Rock
- Soil
- Waterway Soil

Humboldt Smelter

Iron King Mine

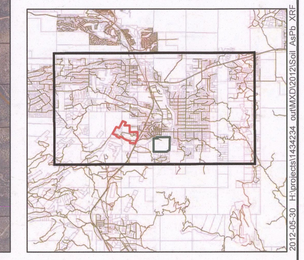
0-2" As conc. (mg/kg) / 0-2" Pb conc. (mg/kg)
10-12" As conc. (mg/kg) / 10-12" Pb conc. (mg/kg)

As conc. (mg/kg) / Pb conc. (mg/kg)
[Cut sample concentrations shown in bold]

Acronyms
As - Arsenic
Pb - Lead
conc. - Concentration
mg/kg - milligrams per kilogram

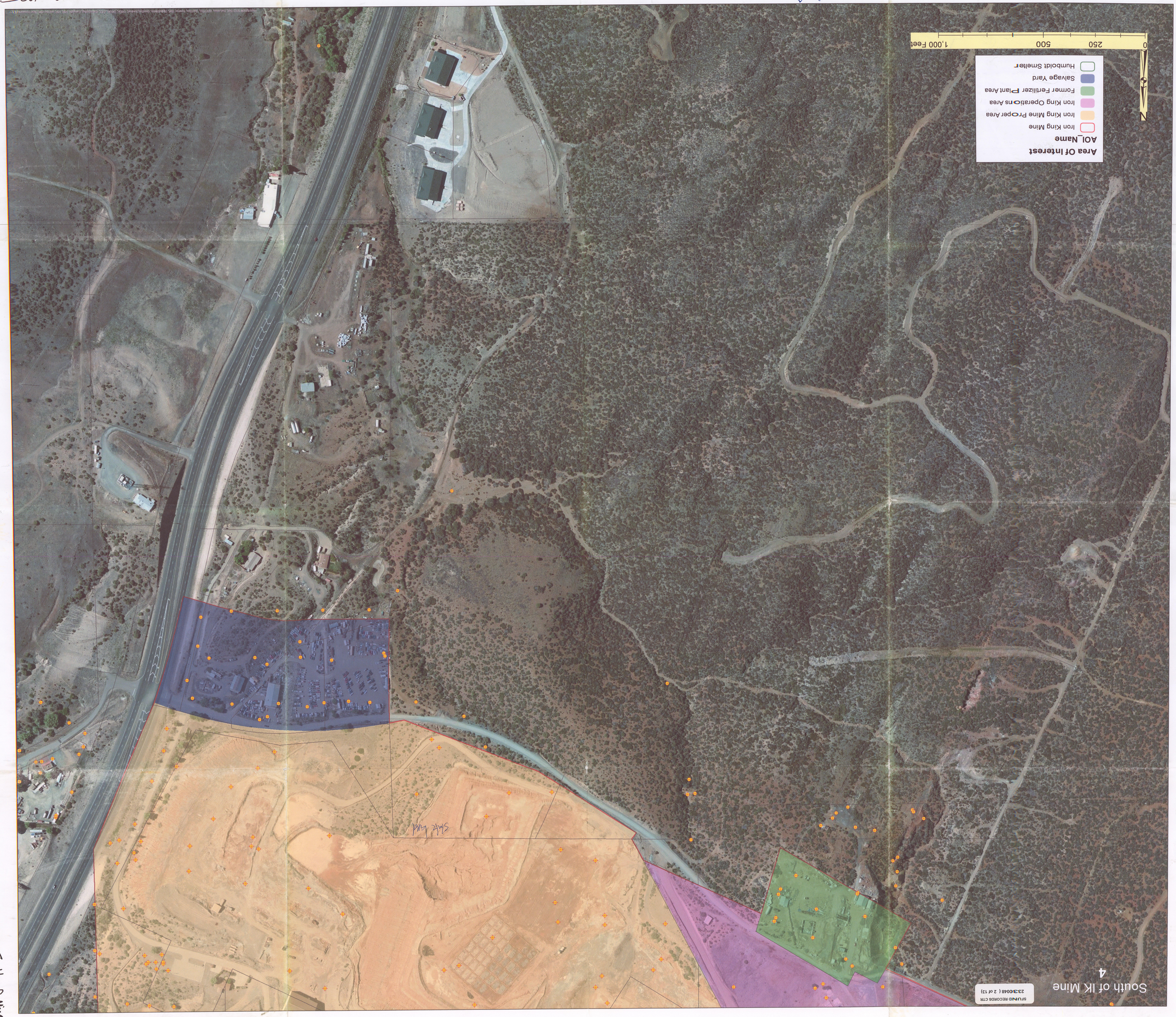
N

0 400 800
Meters



2012-05-30 H:\projects\1434234_ou4\MXD\20120530\Soil_AsPb_XRF_v4.mxd EA-Loveton jklemick

South of Mine



South of Mine

South of IK Mine
4

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Area Of Interest
AOI_Name
- Iron King Mine
- Iron King Mine Proper Area
- Iron King Operations Area
- Former Fertilizer Plant Area
- Salvage Yard
- Humboldt Smelter

N

0 250 500 1,000 Feet

South of IK Mine

4

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Area Of Interest

AOI_Name

- Iron King Mine
- Iron King Mine Proper Area
- Iron King Operations Area
- Former Fertilizer Plant Area
- Salvage Yard
- Humboldt Smelter

N

0 250 500 1,000 Feet

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Mid Chaparral Gulch
2

Biosample 750

Biosample 751

752

N

0 125 250 500 750 1,000
Feet

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Mid Chaparral Gulch
2

N

0 125 250 500 750 1,000
Feet


North of IK Mine
1
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N
0 250 500 1,000 Feet



Field Data
KEEP ☆ ☆

North of Mine



North of Mine

West of IK Mine

3

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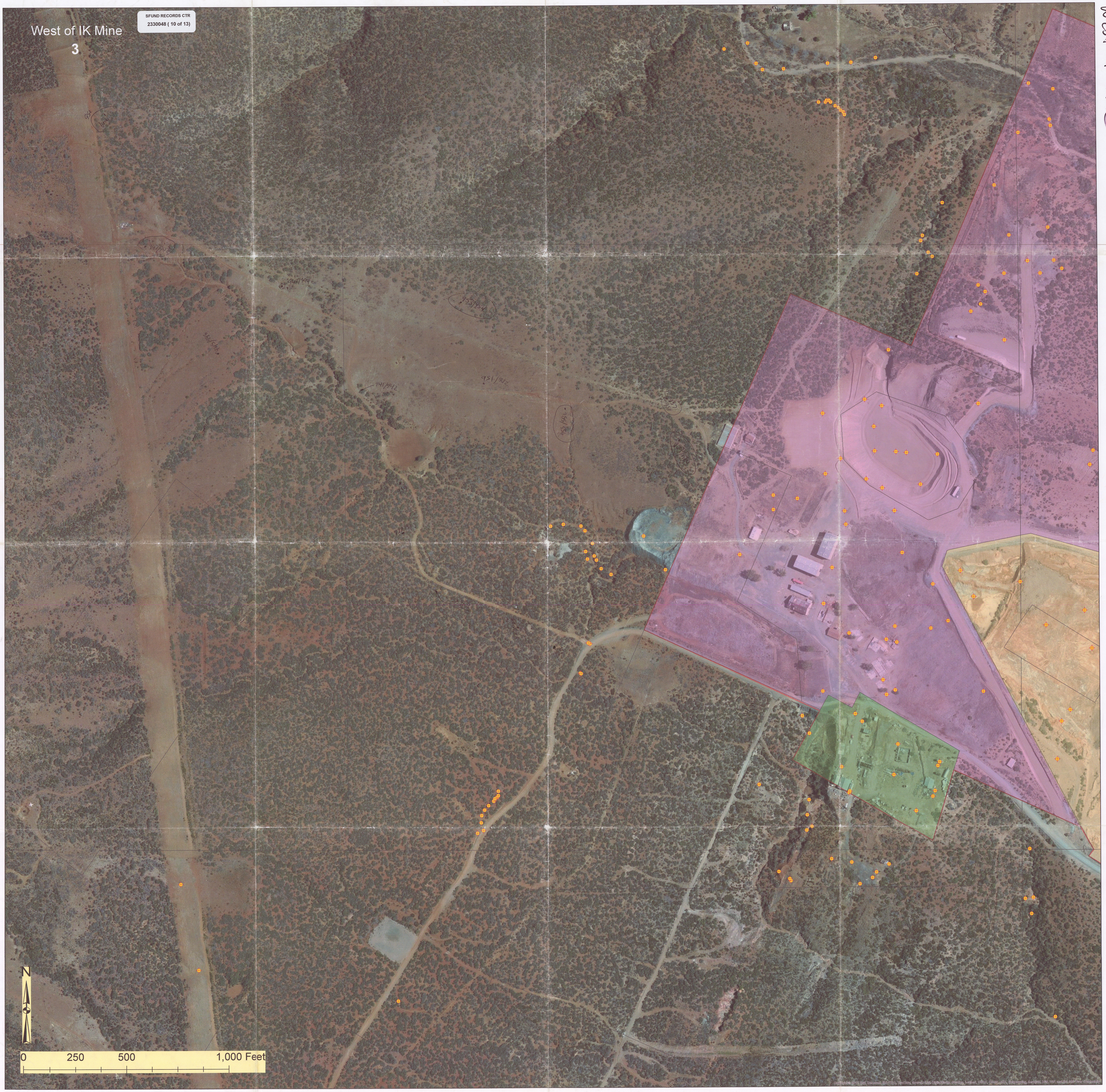
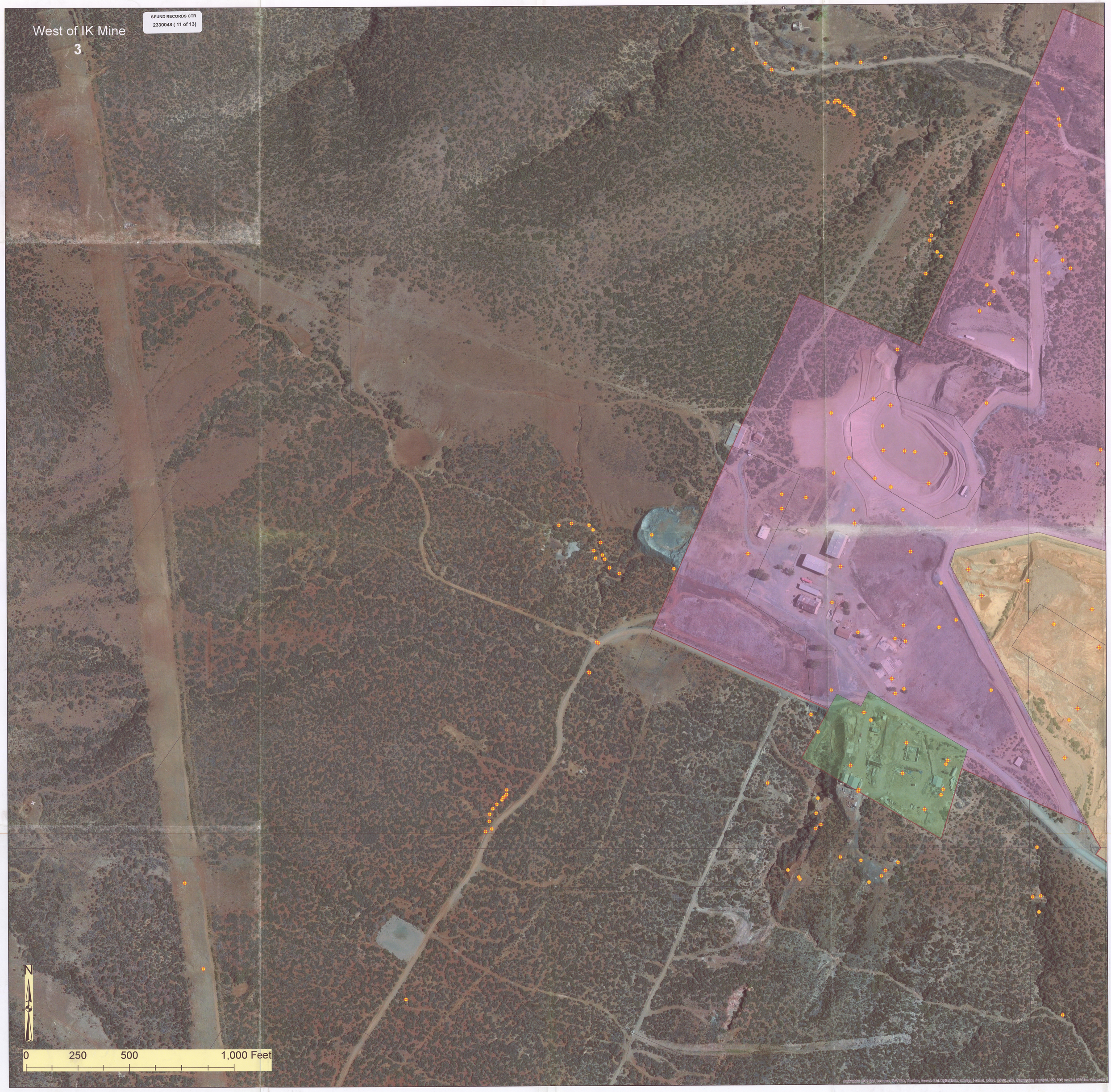


West of Mine

West of Mine


West of IK Mine
3
SFUND RECORDS CTR
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N
0
250
500
1,000 Feet

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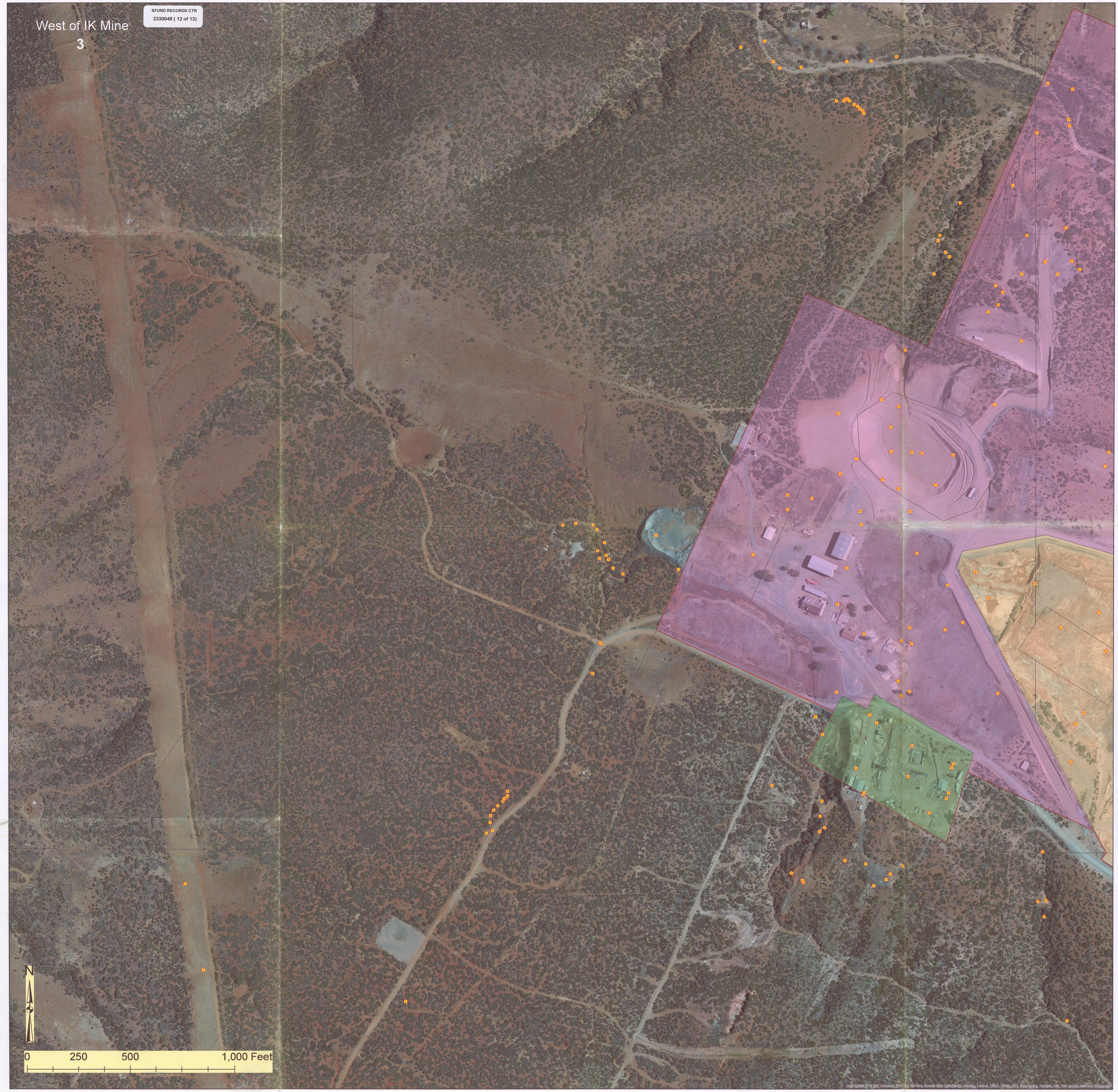
West of IK Mine
3



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Mid Chaparral Gulch
2

N

0 125 250 500 750 1,000
Feet