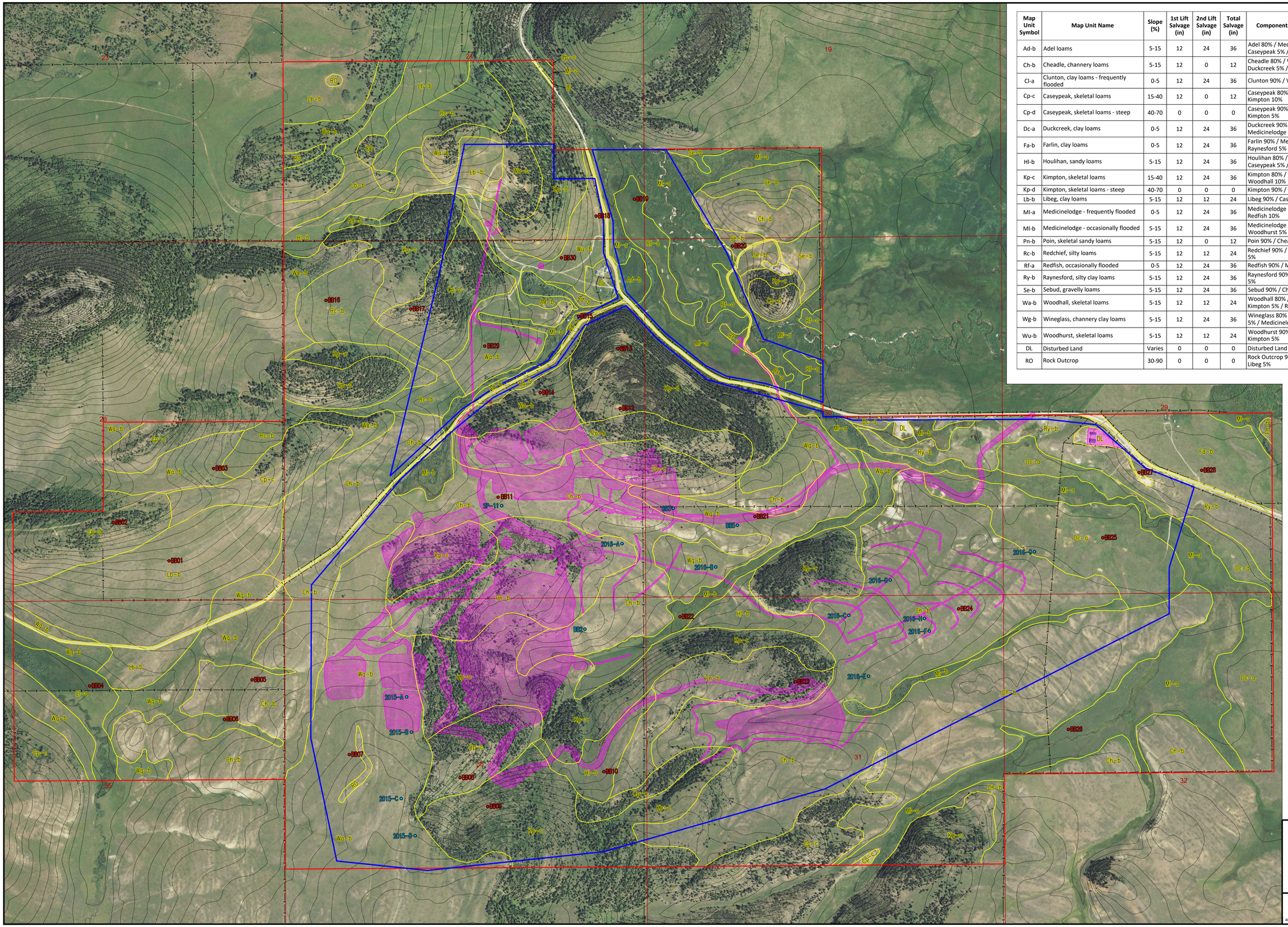


| Map Unit Symbol | Map Unit Name | Slope (%) | 1st Lift Salvage (in) | 2nd Lift Salvage (in) | Total Salvage (in) | Components and Proportions (%) | Acres in Study Area | Percent of Study Area |
|---|---|---|---|---|---|---|---|---|
| Ad-b | Adel loams | 5-15 | 12 | 24 | 36 | Adel 80% / Medicinelodge 10% / Caseypeak 5% / Kimpton 5% | 26.9 | 0.8% |
| Ch-b | Cheadle, channery loams | 5-15 | 12 | 0 | 12 | Cheadle 80% / Wineglass 10% / Duckcreek 5% / Medicinelodge 5% | 798.5 | 23.7% |
| Cl-a | Clunton, clay loams - frequently flooded | 0-5 | 12 | 24 | 36 | Clunton 90% / Wineglass 10% | 26.5 | 0.8% |
| Cp-c | Caseypeak, skeletal loams | 15-40 | 12 | 0 | 12 | Caseypeak 80% / Woodhall 10% / Kimpton 10% | 222.4 | 6.6% |
| Cp-d | Caseypeak, skeletal loams - steep | 40-70 | 0 | 0 | 0 | Caseypeak 90% / Woodhall 5% / Kimpton 5% | 79.3 | 2.4% |
| Dc-a | Duckcreek, clay loams | 0-5 | 12 | 24 | 36 | Duckcreek 90% / Cheadle 5% / Medicinelodge 5% | 138.0 | 4.1% |
| Fa-b | Farlin, clay loams | 0-5 | 12 | 24 | 36 | Farlin 90% / Medicinelodge 5% / Raynesford 5% | 46.5 | 1.4% |
| Hl-b | Houlihan, sandy loams | 5-15 | 12 | 24 | 36 | Houlihan 80% / Kimpton 10% / Caseypeak 5% / Cheadle 5% | 50.2 | 1.5% |
| Kp-c | Kimpton, skeletal loams | 15-40 | 12 | 24 | 36 | Kimpton 80% / Caseypeak 10% / Woodhall 10% | 345.8 | 10.3% |
| Kp-d | Kimpton, skeletal loams - steep | 40-70 | 0 | 0 | 0 | Kimpton 90% / Poin 5% / Woodhall 5% | 127.7 | 3.8% |
| Lb-b | Libeg, clay loams | 5-15 | 12 | 12 | 24 | Libeg 90% / Caseypeak 5% / Cheadle 5% | 197.8 | 5.9% |
| Ml-a | Medicinelodge - frequently flooded | 0-5 | 12 | 24 | 36 | Medicinelodge 80% / Duckcreek 10% / Redfish 10% | 256.4 | 7.6% |
| Ml-b | Medicinelodge - occasionally flooded | 5-15 | 12 | 24 | 36 | Medicinelodge 90% / Wineglass 5% / Woodhurst 5% | 71.7 | 2.1% |
| Pn-b | Poin, skeletal sandy loams | 5-15 | 12 | 0 | 12 | Poin 90% / Cheadle 5% / Kimpton 5% | 188.3 | 5.6% |
| Rc-b | Redchief, silty loams | 5-15 | 12 | 12 | 24 | Redchief 90% / Kimpton 5% / Woodhall 5% | 86.5 | 2.6% |
| Rf-a | Redfish, occasionally flooded | 0-5 | 12 | 24 | 36 | Redfish 90% / Medicinelodge 10% | 31.5 | 0.9% |
| Ry-b | Raynesford, silty clay loams | 5-15 | 12 | 24 | 36 | Raynesford 90% / Duckcreek 5% / Farlin 5% | 67.5 | 2.0% |
| Se-b | Sebud, gravelly loams | 5-15 | 12 | 24 | 36 | Sebud 90% / Cheadle 10% | 35.7 | 1.1% |
| Wa-b | Woodhall, skeletal loams | 5-15 | 12 | 12 | 24 | Woodhall 80% / Caseypeak 10% / Kimpton 5% / Redchief 5% | 328.1 | 9.7% |
| Wg-b | Wineglass, channery clay loams | 5-15 | 12 | 24 | 36 | Wineglass 80% / Cheadle 10% / Clunton 5% / Medicinelodge 5% | 166.4 | 4.9% |
| Wu-b | Woodhurst, skeletal loams | 5-15 | 12 | 12 | 24 | Woodhurst 90% / Caseypeak 5% / Kimpton 5% | 27.9 | 0.8% |
| DL | Disturbed Land | Varies | 0 | 0 | 0 | Disturbed Land 100% | 36.9 | 1.1% |
| RO | Rock Outcrop | 30-90 | 0 | 0 | 0 | Rock Outcrop 90% / Woodhall 5% / Libeg 5% | 11.3 | 0.3% |
| | | | | | | **Total** | **3367.5** | **100%** |

LEGEND

- Soils Study Area
- Permit Boundary
- Disturbance Boundary
- Fence
- Soil Map Unit Boundary
- Soil Survey Site
- Infiltration Test Pit Site

Aerial: 2013 NAIP
Topo: 20' Generated from ⅓ second NED

Scale 1" = 600'

0 300 600 1200
Feet

**TINTINA RESOURCES**

**Black Butte Copper Project**

# Baseline Soil Survey Map

WESTECH ENVIRONMENTAL

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**Map Sheet 3**

04/25/17 | BBC17_Soils_Baseline_MOPA.dwg | 1:7,200