

# Copper Flat Project



## Form 43-101F1 Technical Report Feasibility Study Update

New Mexico, USA

### **REPORT FIGURES**

REVISION 1

Prepared For:



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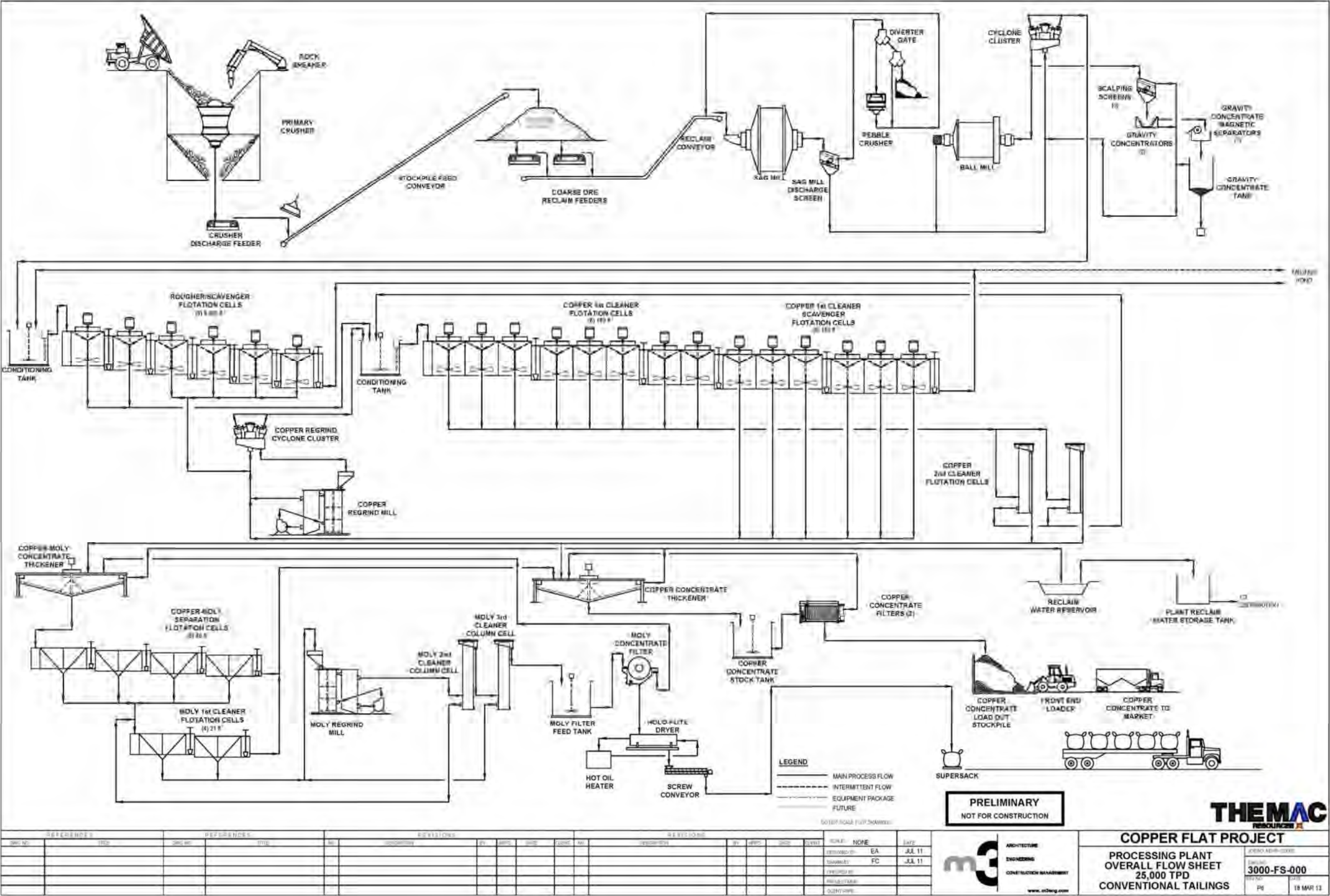


Figure 1-7: Conceptual Process Flowsheet



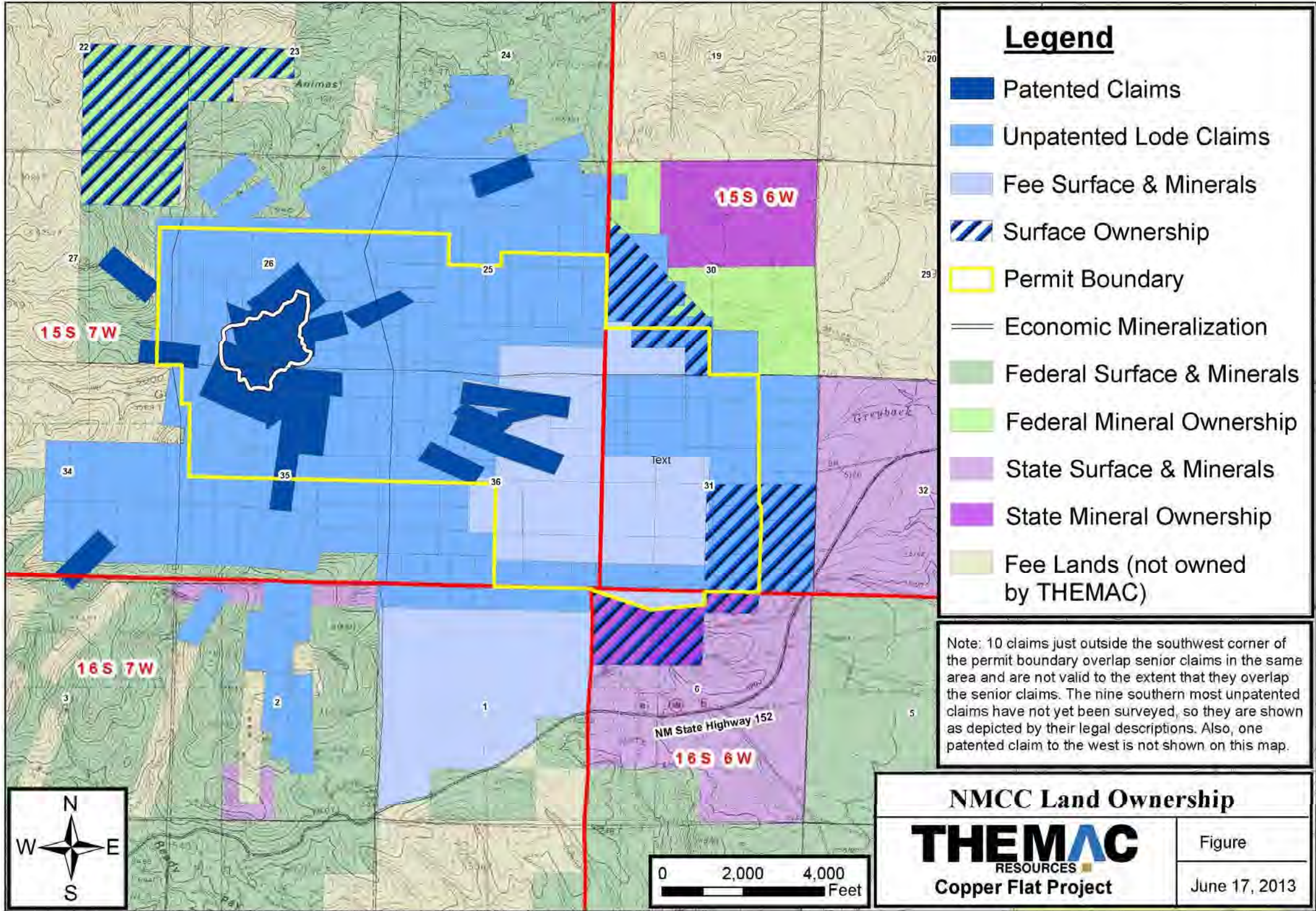
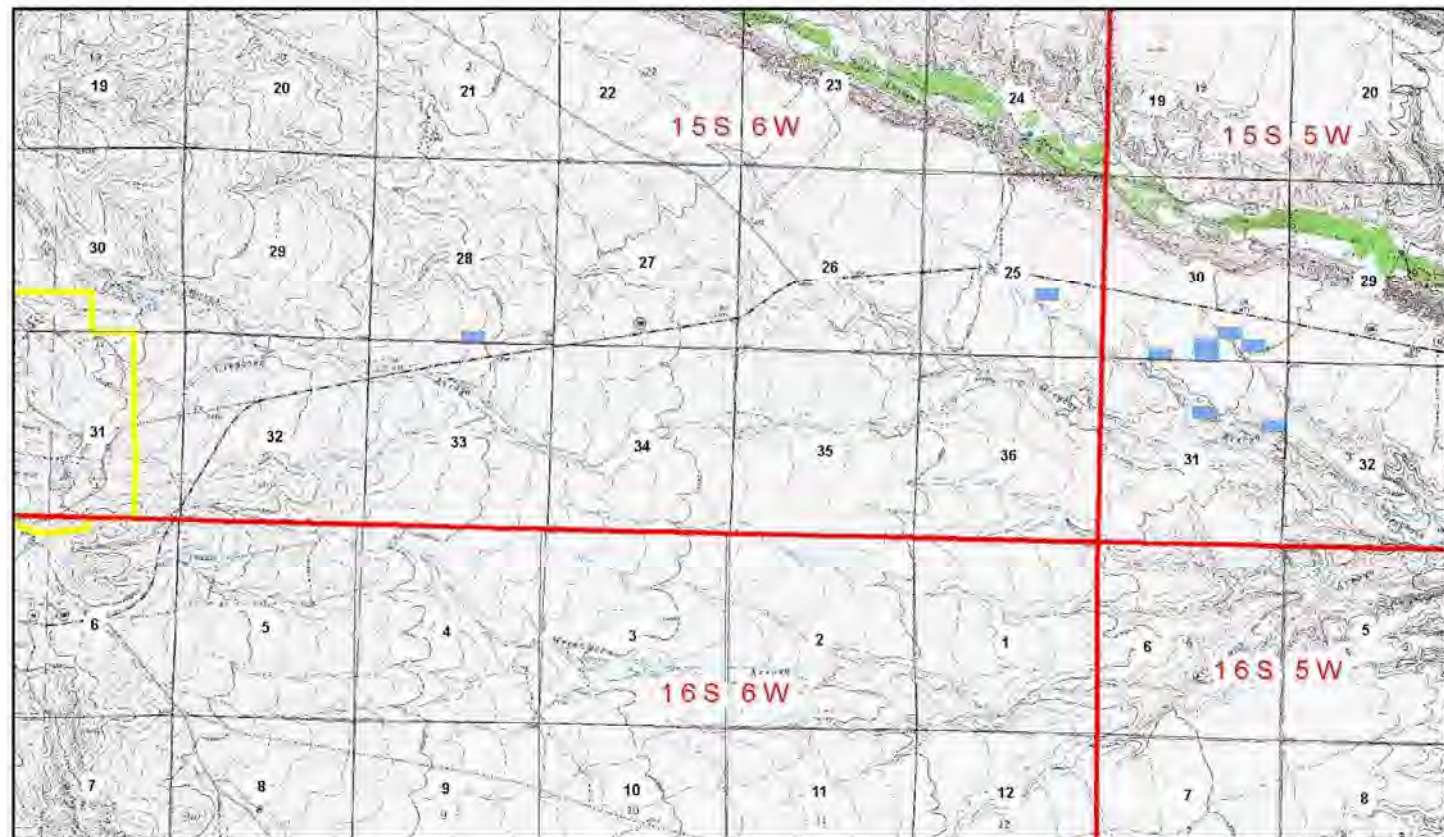


Figure 4-2: Land Status Map





**Legend**

- Mill Site Claims (Unpatented)
- Copper Flat Permit Boundary

1 inch = 4,000 feet

0 2,000 4,000 8,000  
Feet

<b>NMCC Mill Site Claims</b>	
 <b>Copper Flat Project</b>	Figure June 18, 2013

Coordinate System: NAD\_1983\_UTM\_Zone\_13N  
 Projection: Transverse\_Mercator  
 false\_easting: 500000.000000  
 false\_northing: 0.000000  
 central\_meridian: -105.000000  
 scale\_factor: 0.999600  
 latitude\_of\_origin: 0.000000  
 Linear Unit: Meter



Figure 4-3: Noncontiguous Mill Site Map

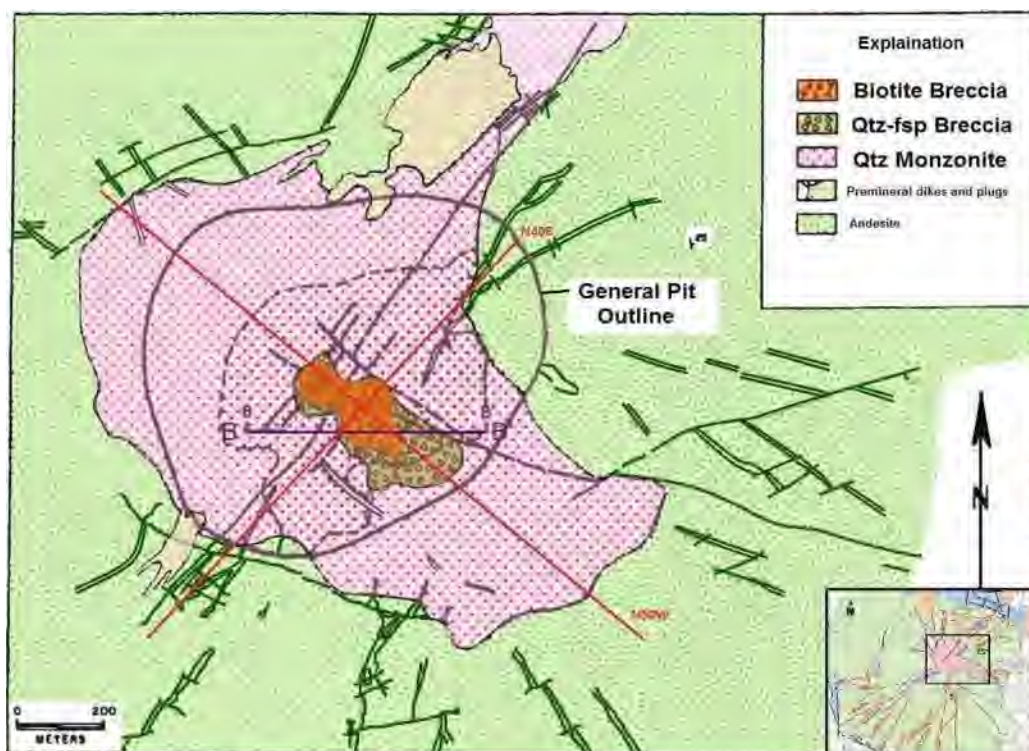


Figure 7-2: Geology of the Copper Flat Mine, Dunn, 1982

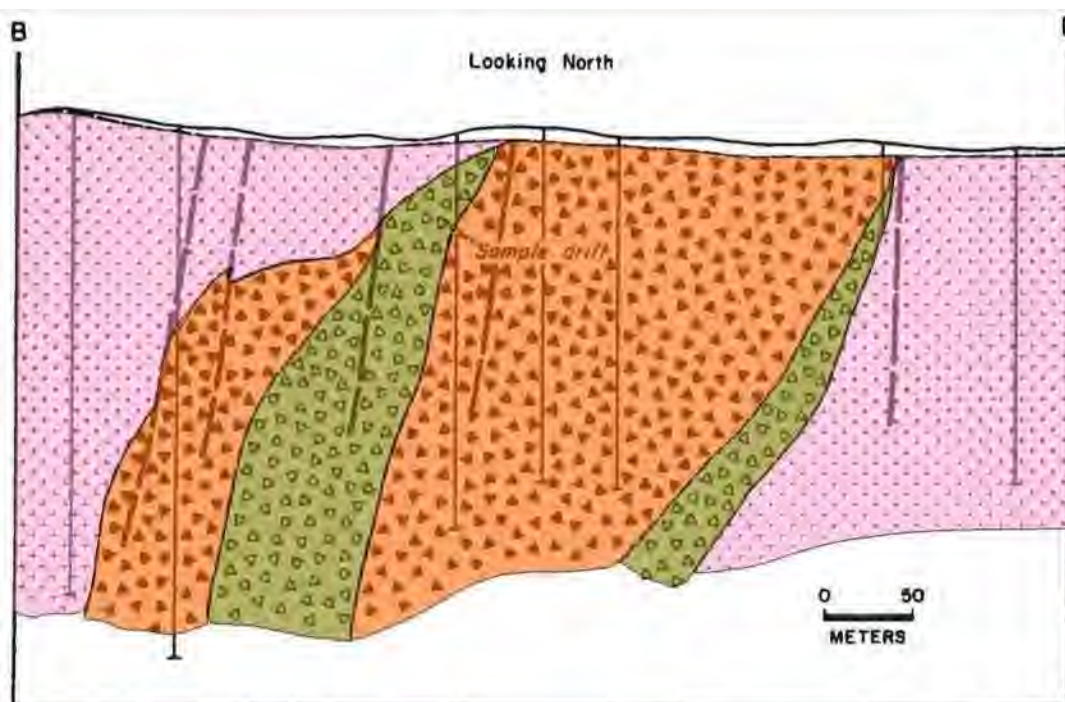


Figure 7-3: East-West Section Looking North, Dunn, 1982



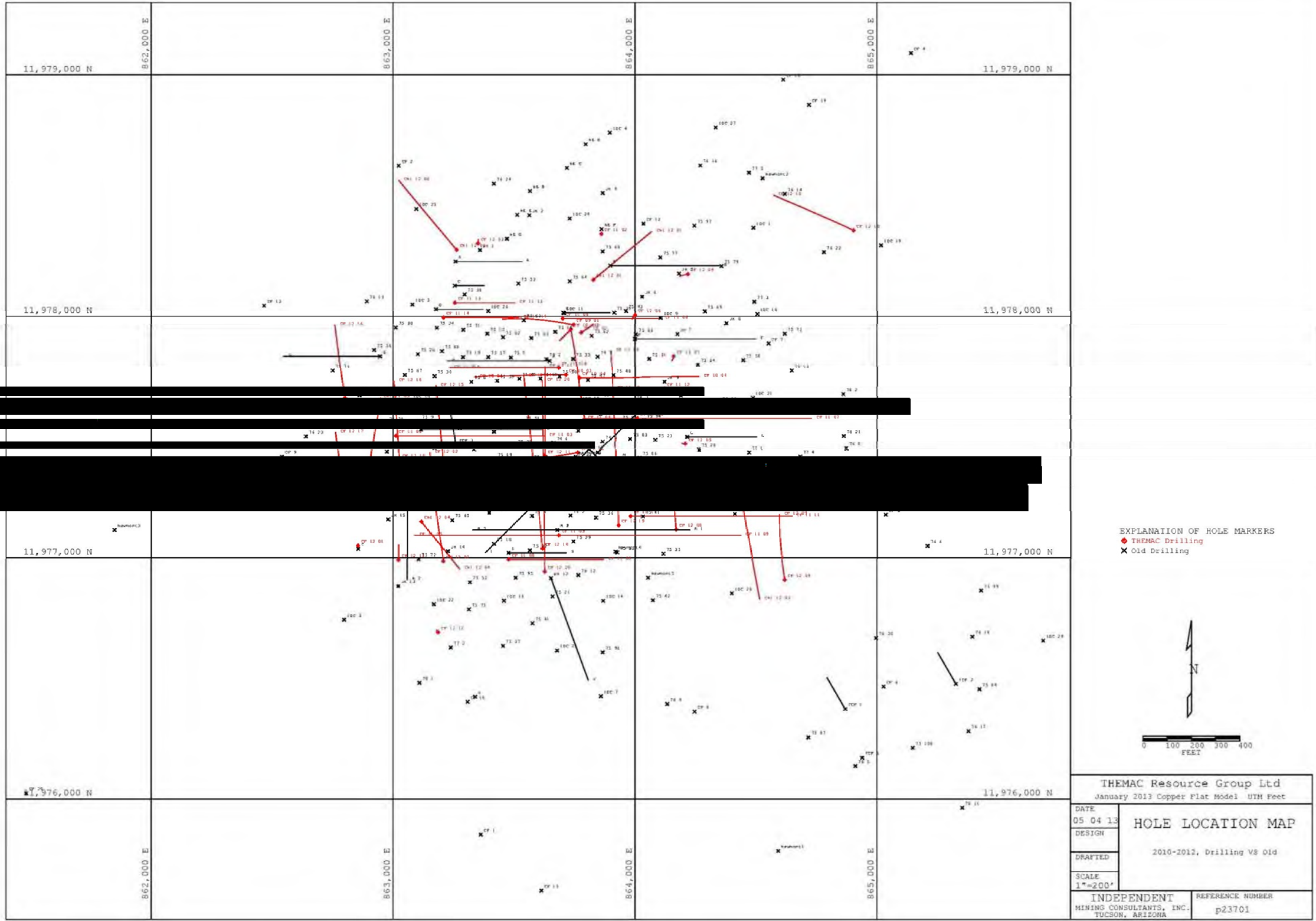


Figure 10-1: Copper Flat Drill Holes with Data

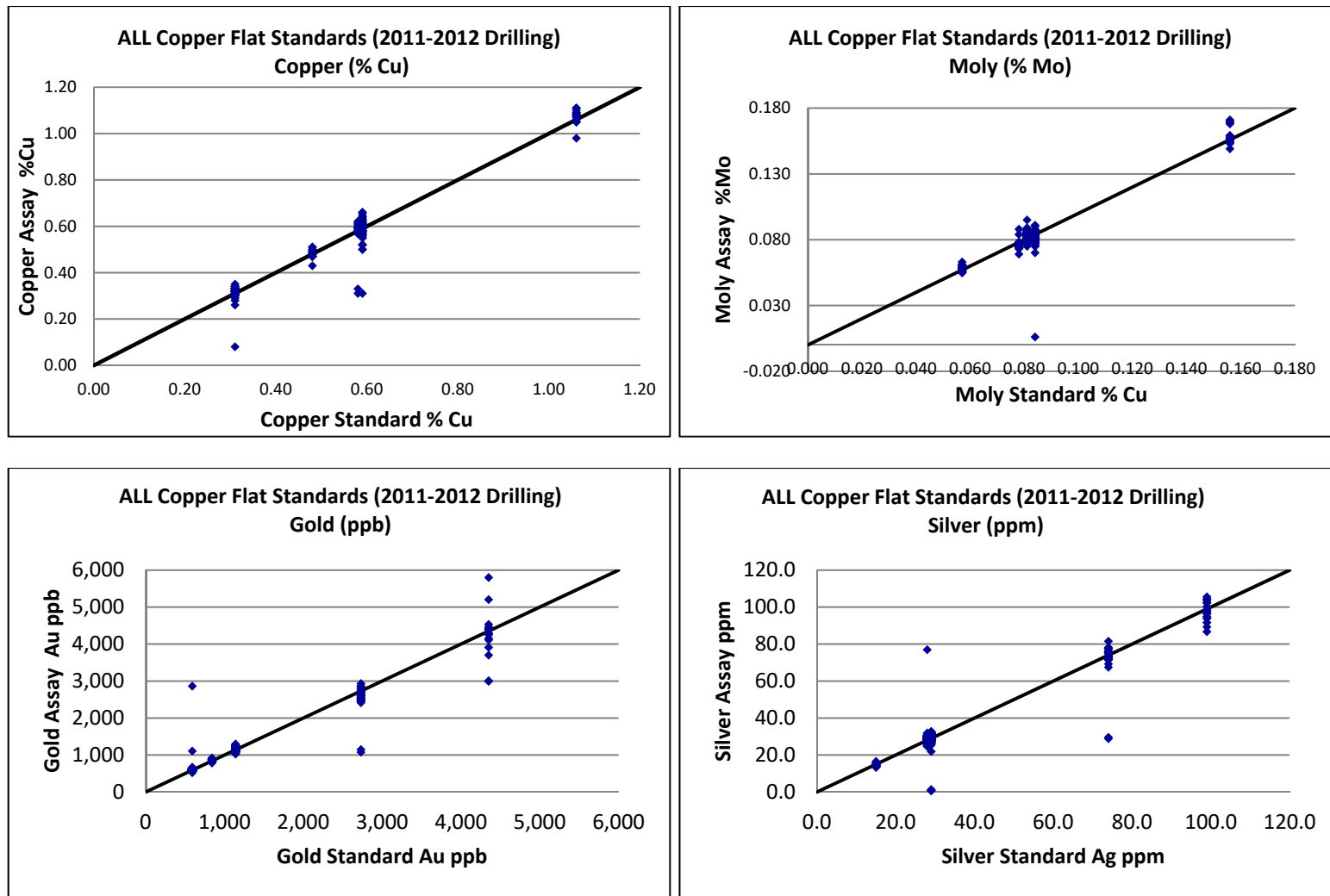


Figure 12-1: Standards Results for THEMAC 2010, 2011 & 2012 Drilling

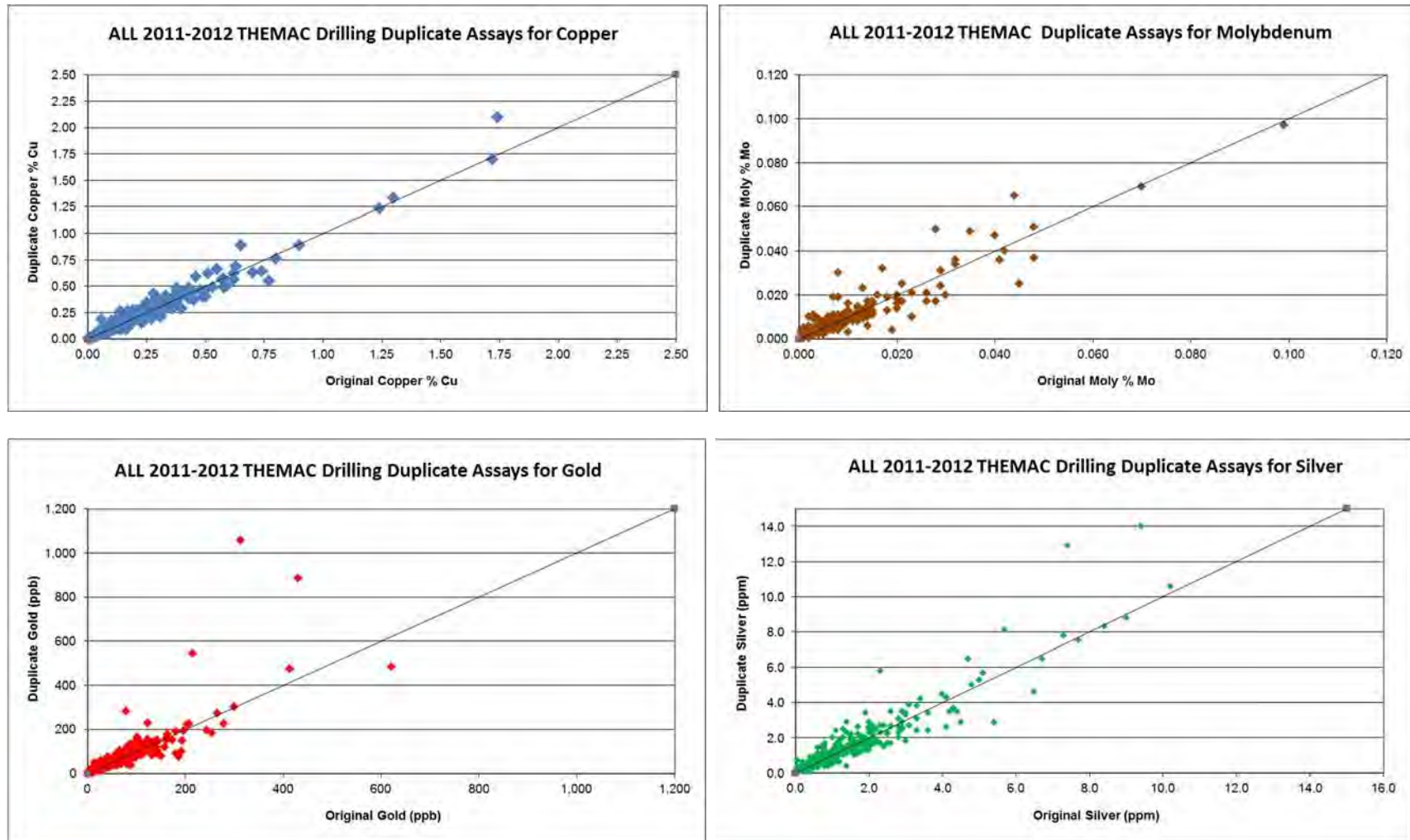


Figure 12-2: THEMAC Field Duplicate Assay Results for 2010-2012



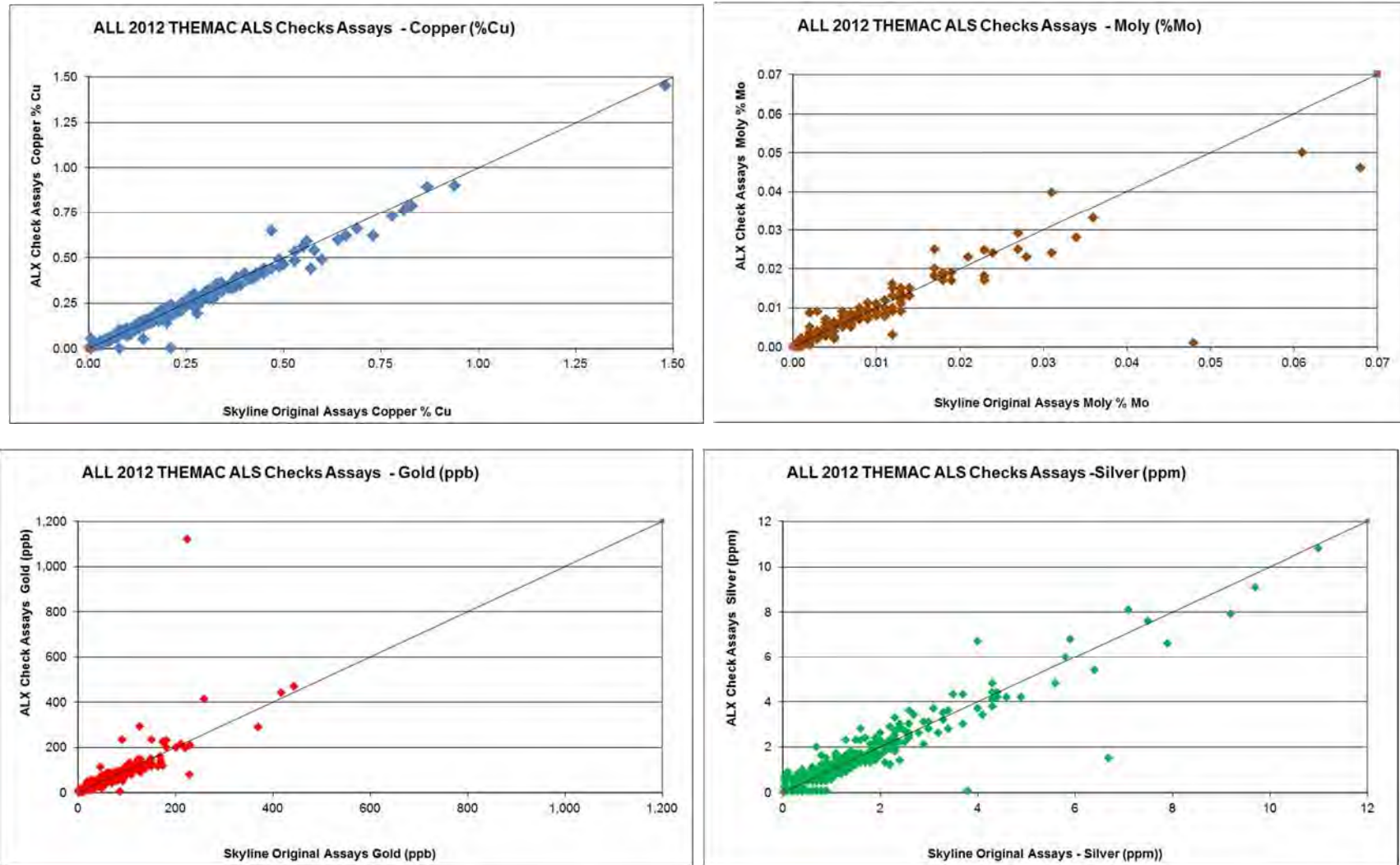
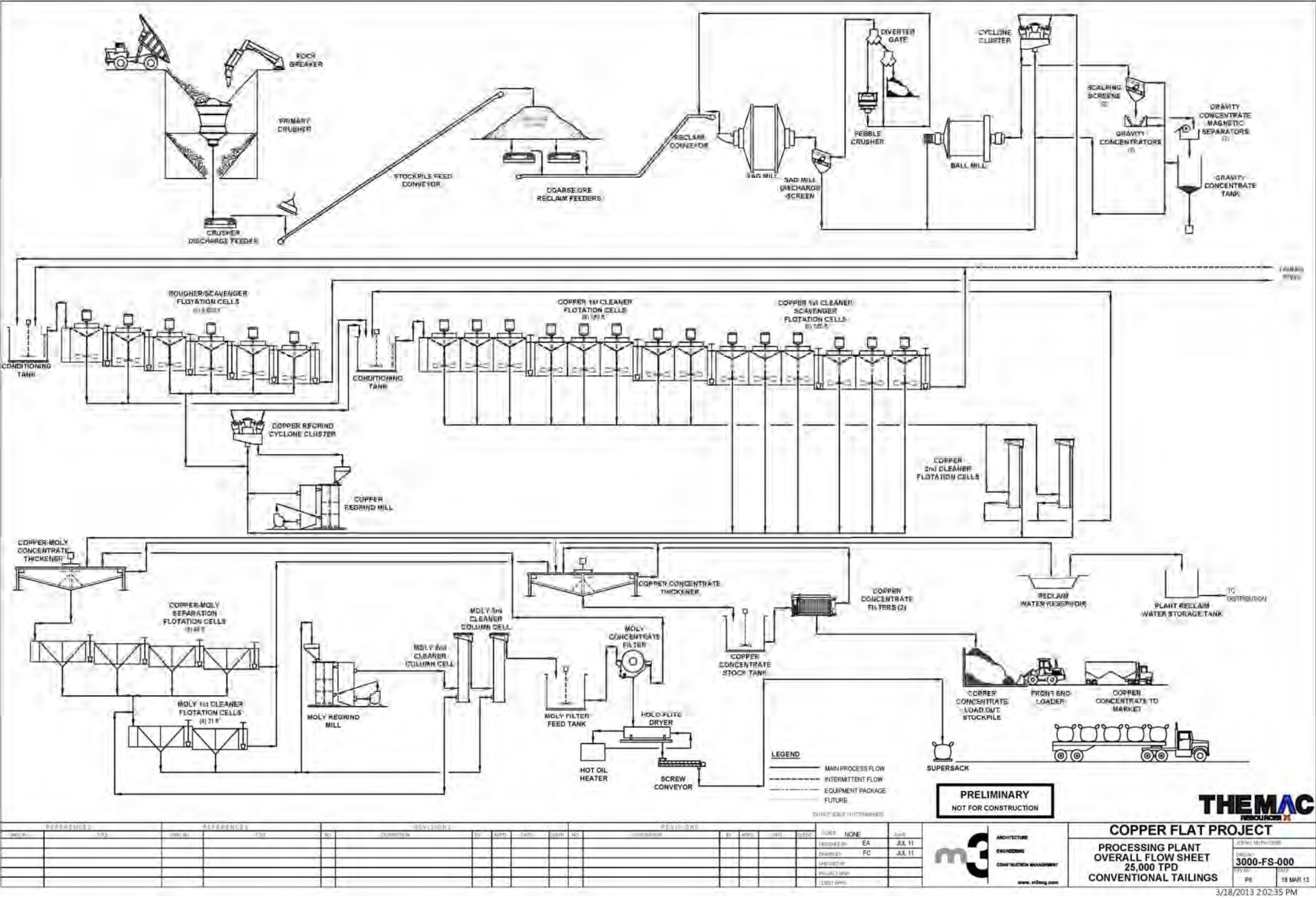
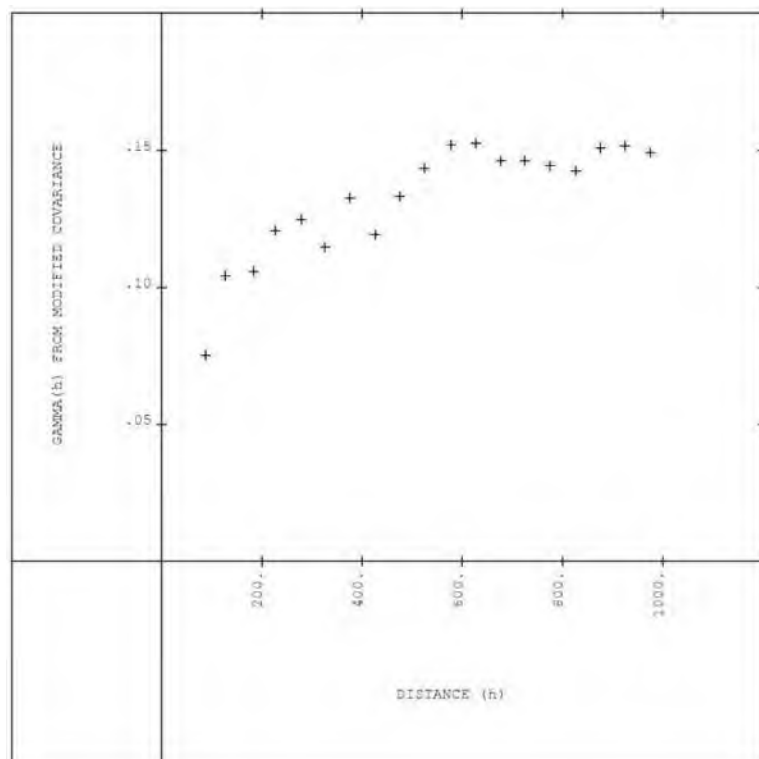


Figure 12-3: Check Assay Results, Skyline vs ALS Chemex

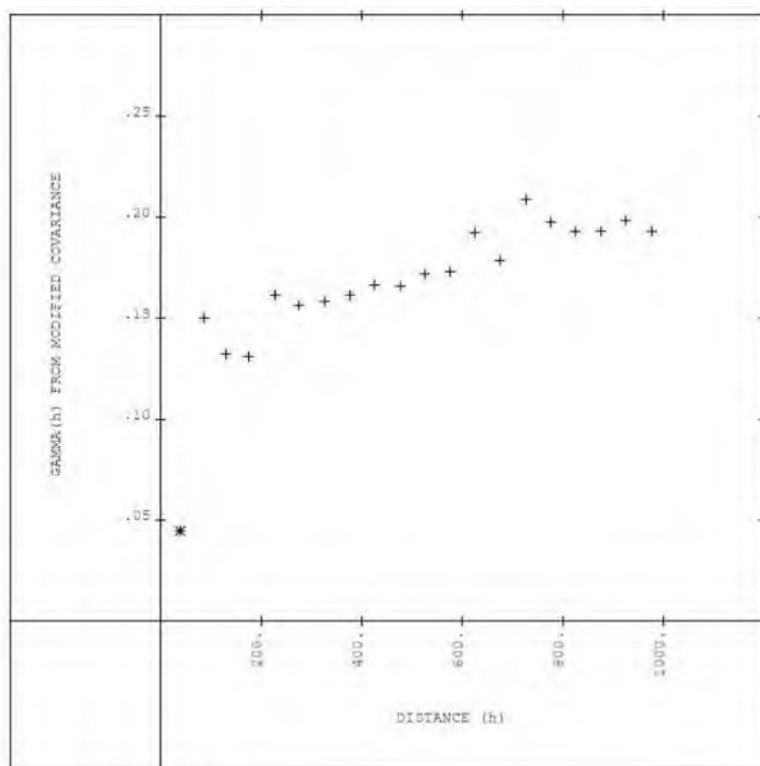






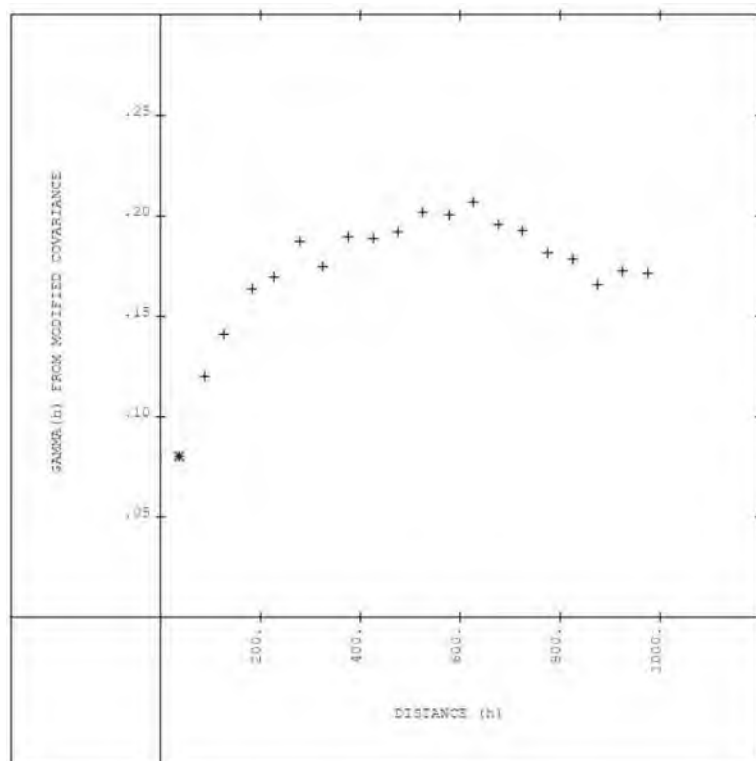
40 Degree Bearing Horizontal

Figure 14-2: Copper Indicator Variogram 0.40% Discriminator



Gamma(h) from Modified  
Covariance

310 Degree Bearing Horizontal



40 Degree Bearing Horizontal

Figure 14-3: Moly Indicator Variogram 0.012% Discriminator



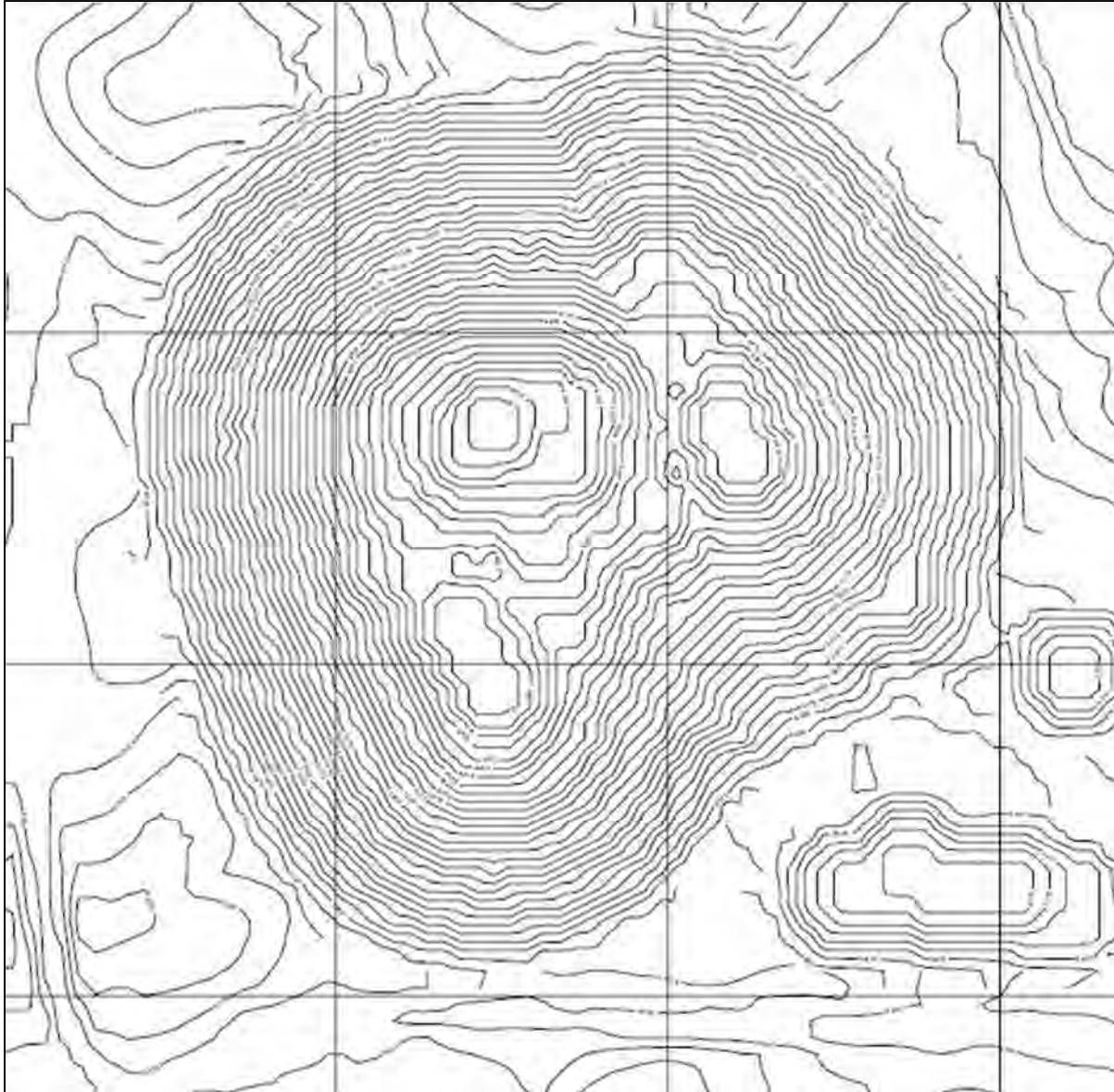


Figure 15-1: Floating Cone Guidance for Final Pit (\$2.25/lb Copper Cone)

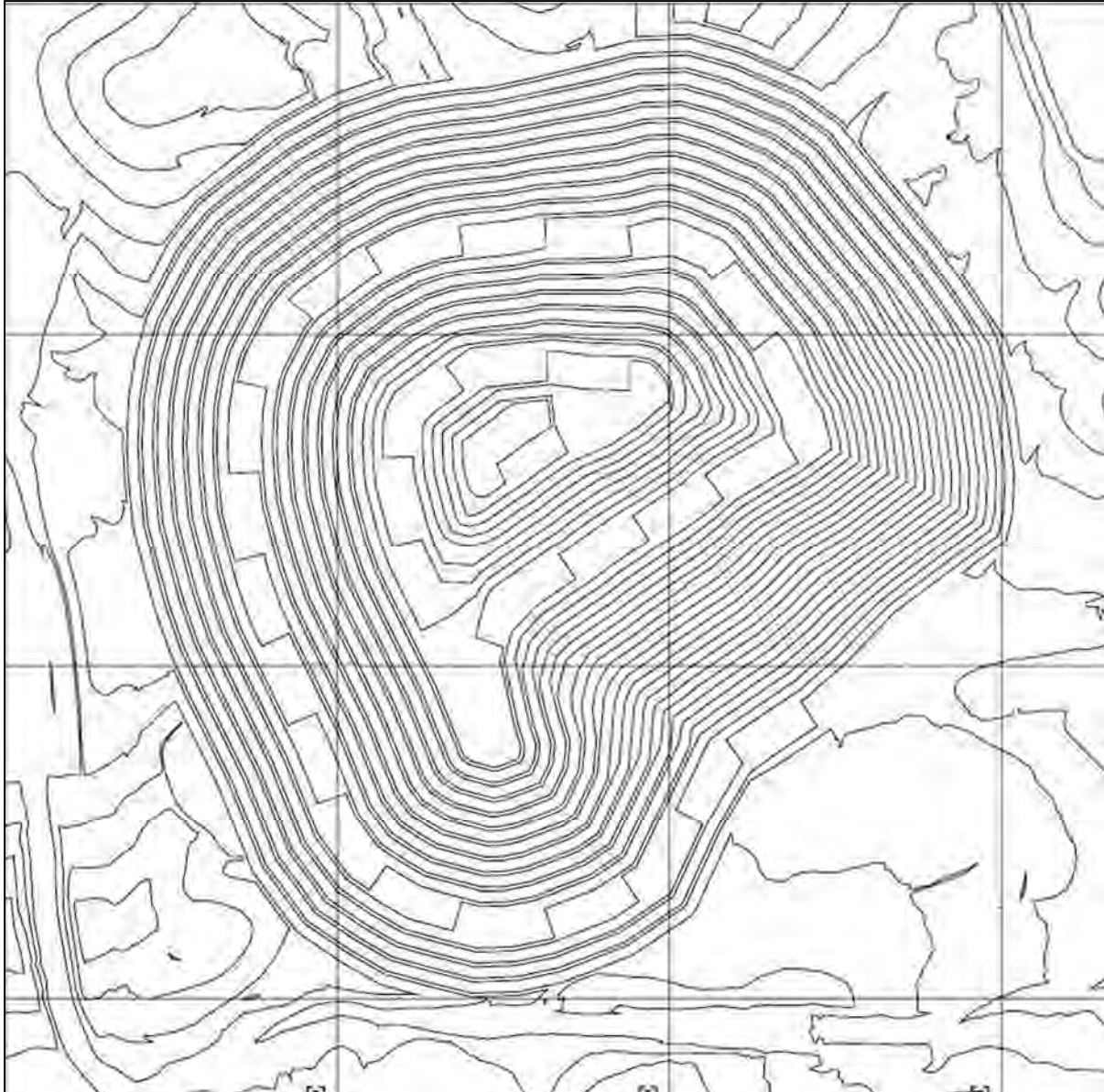


Figure 15-2: Final Pit Design for Mine Plan and Mineral Reserve



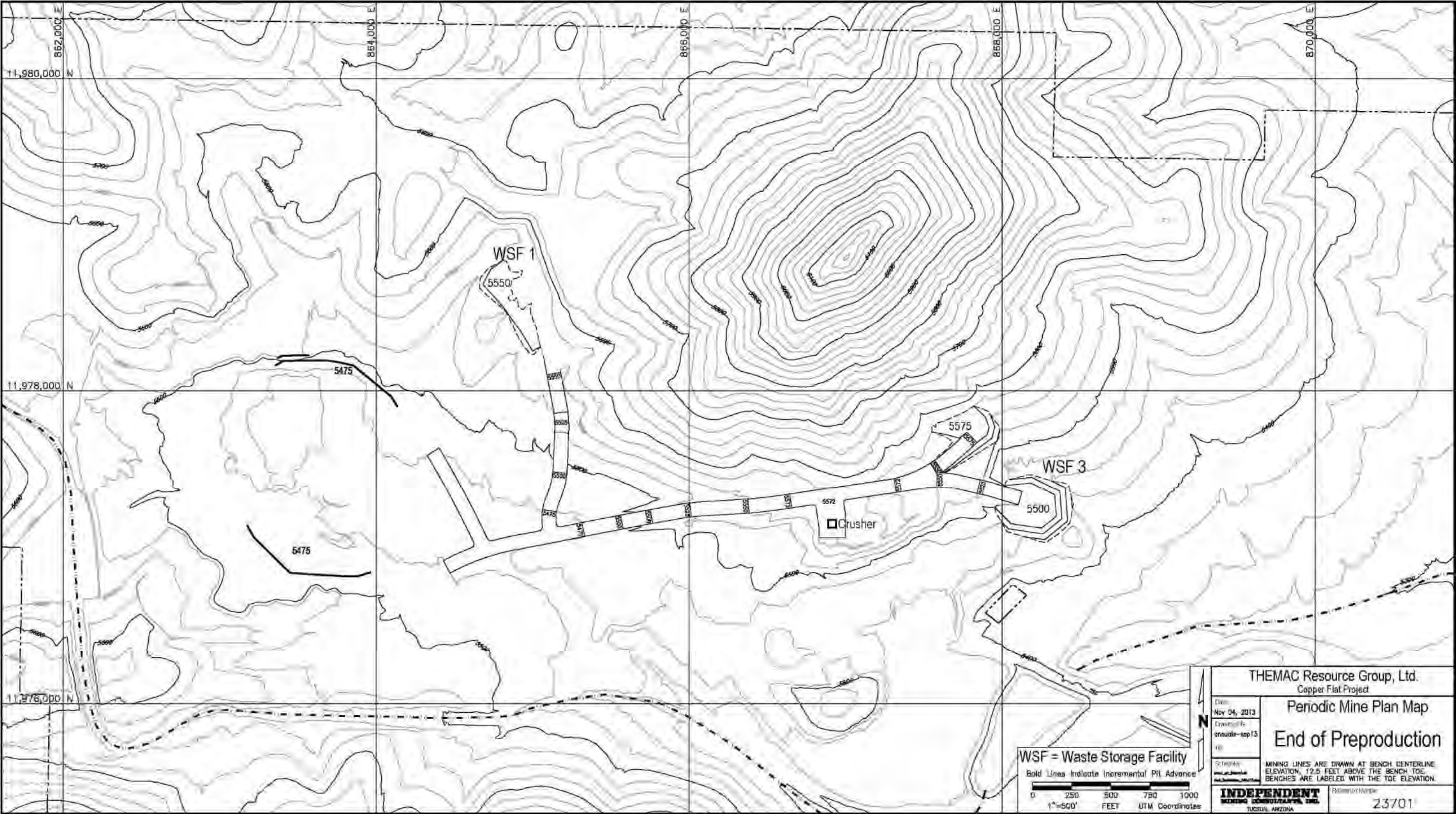


Figure 16-2: Periodic Mine Plan Map - End of Preproduction



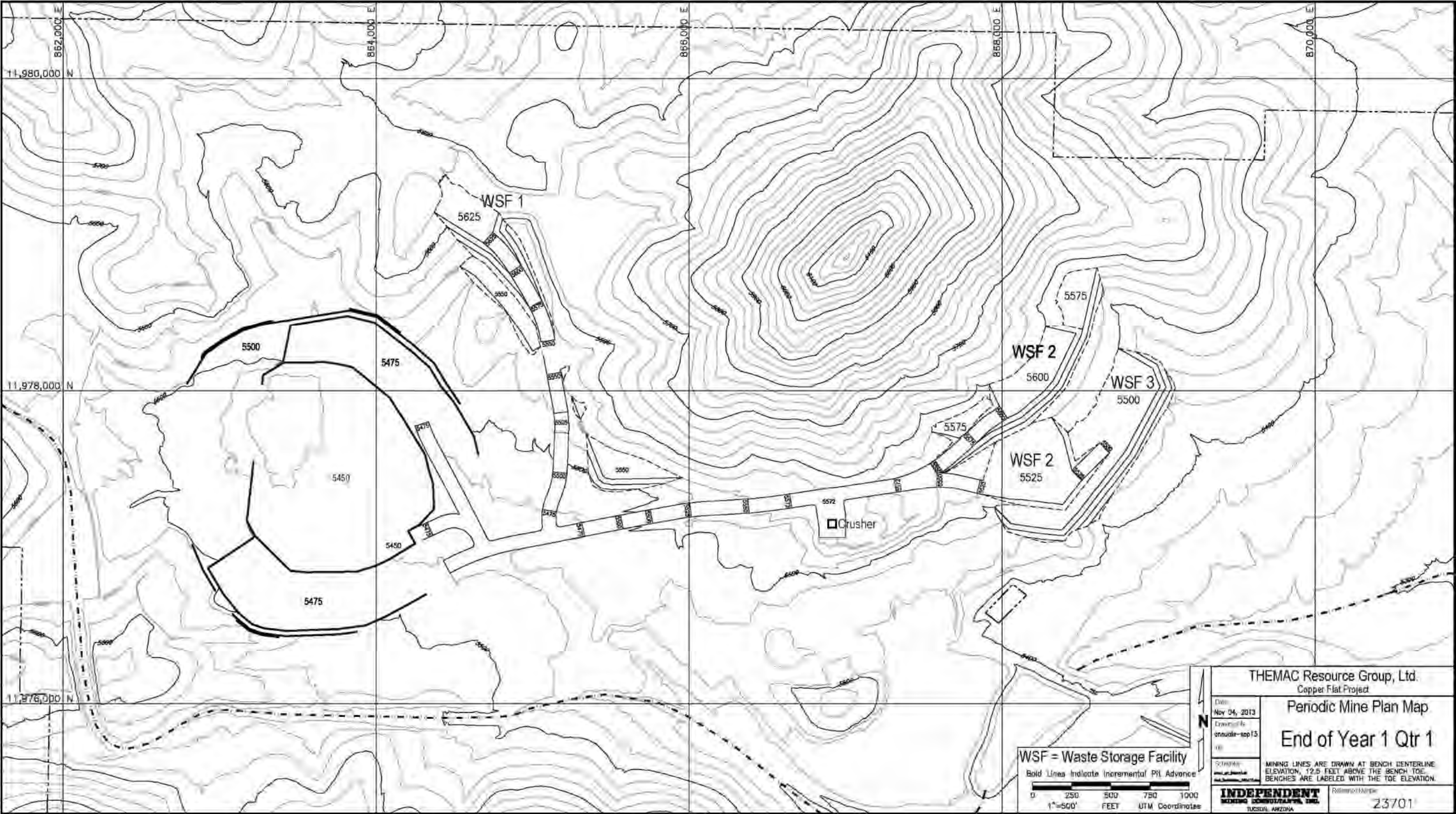


Figure 16-3: Periodic Mine Plan Map- End of Year 1 Q1



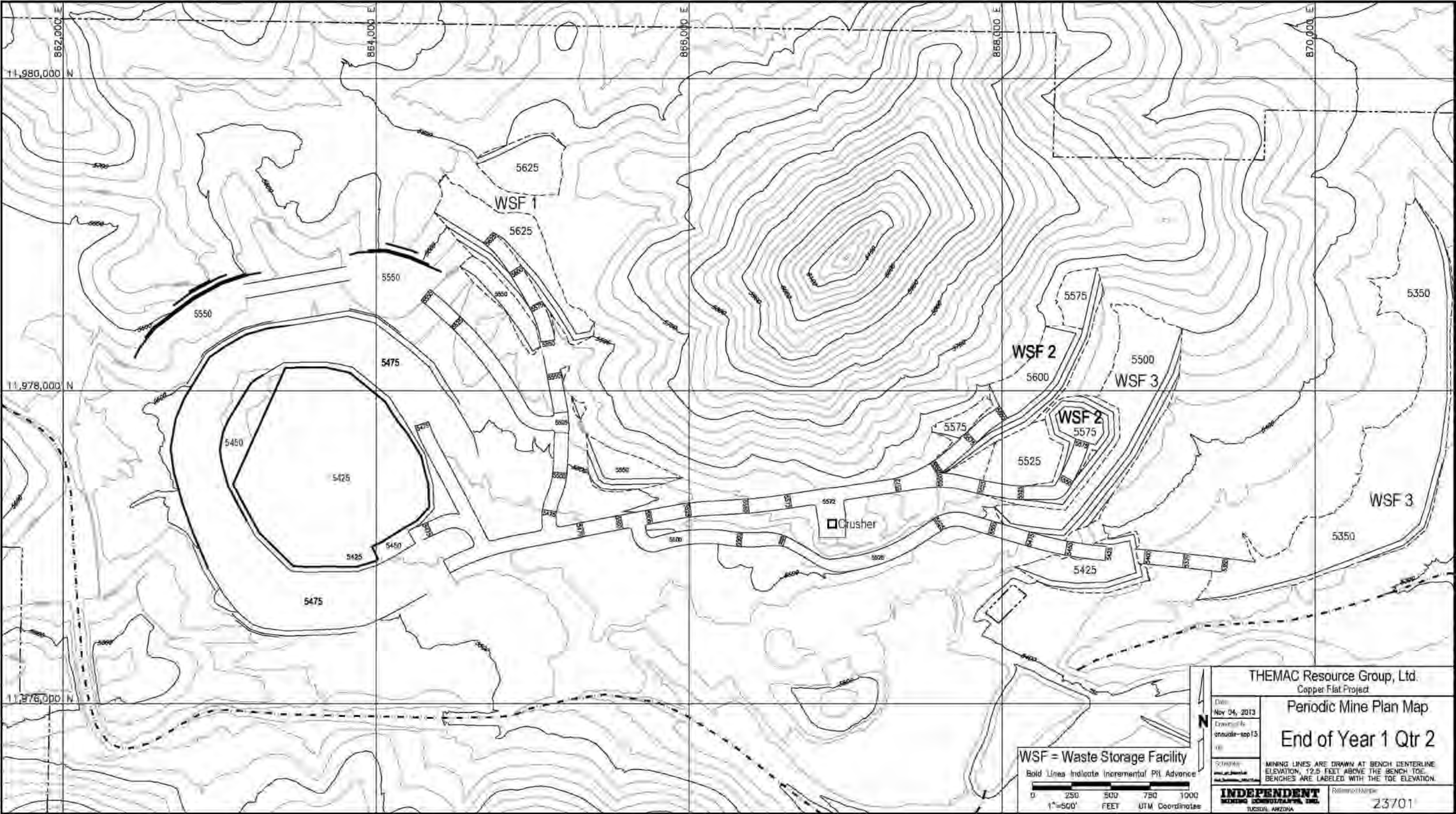


Figure 16-4: Periodic Mine Plan Map – End of Year 1 Q2



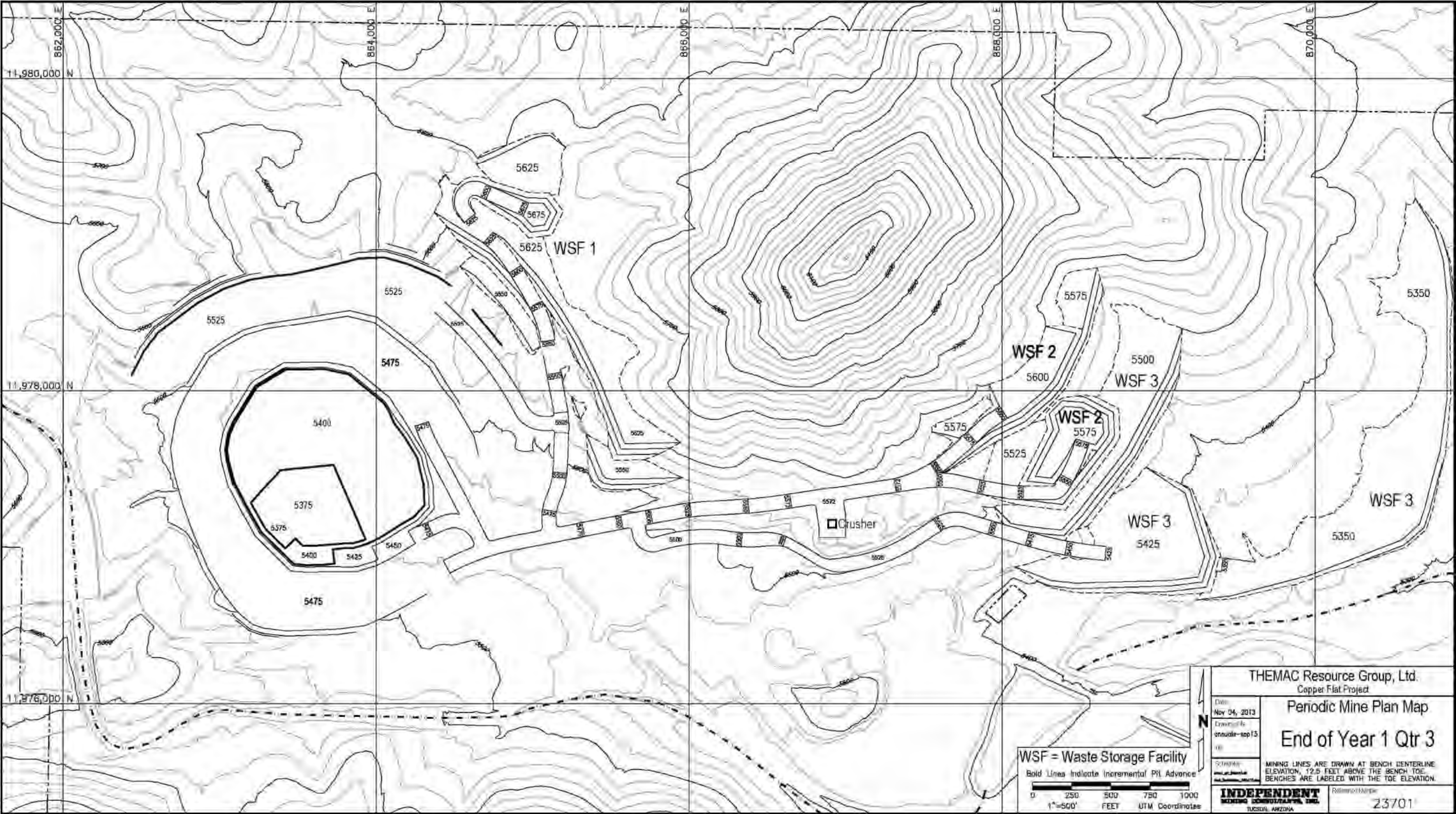


Figure 16-5: Periodic Mine Plan Map - End of Year 1 Q3



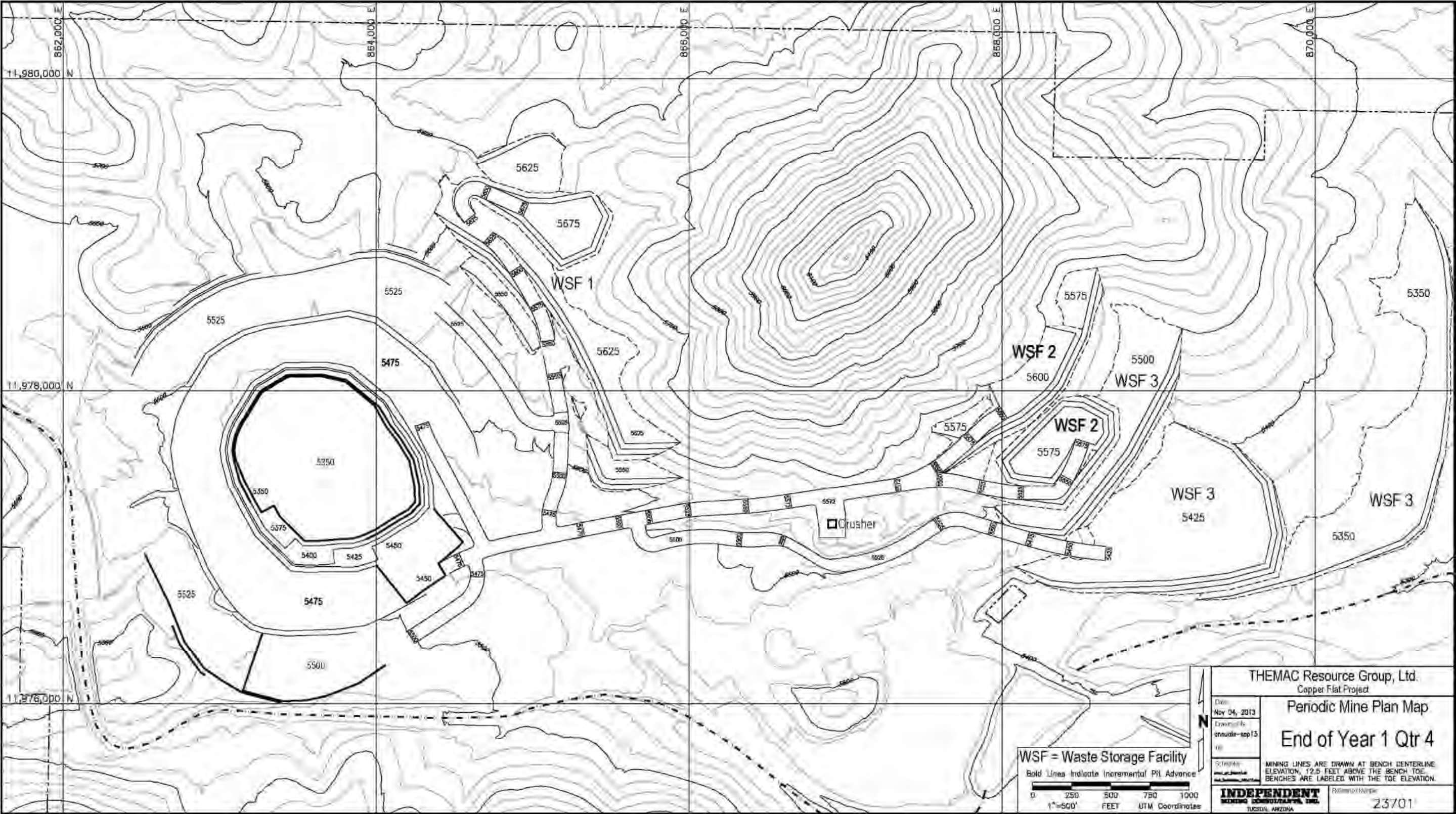


Figure 16-6: Periodic Mine Plan Map - End of Year 1 Q4



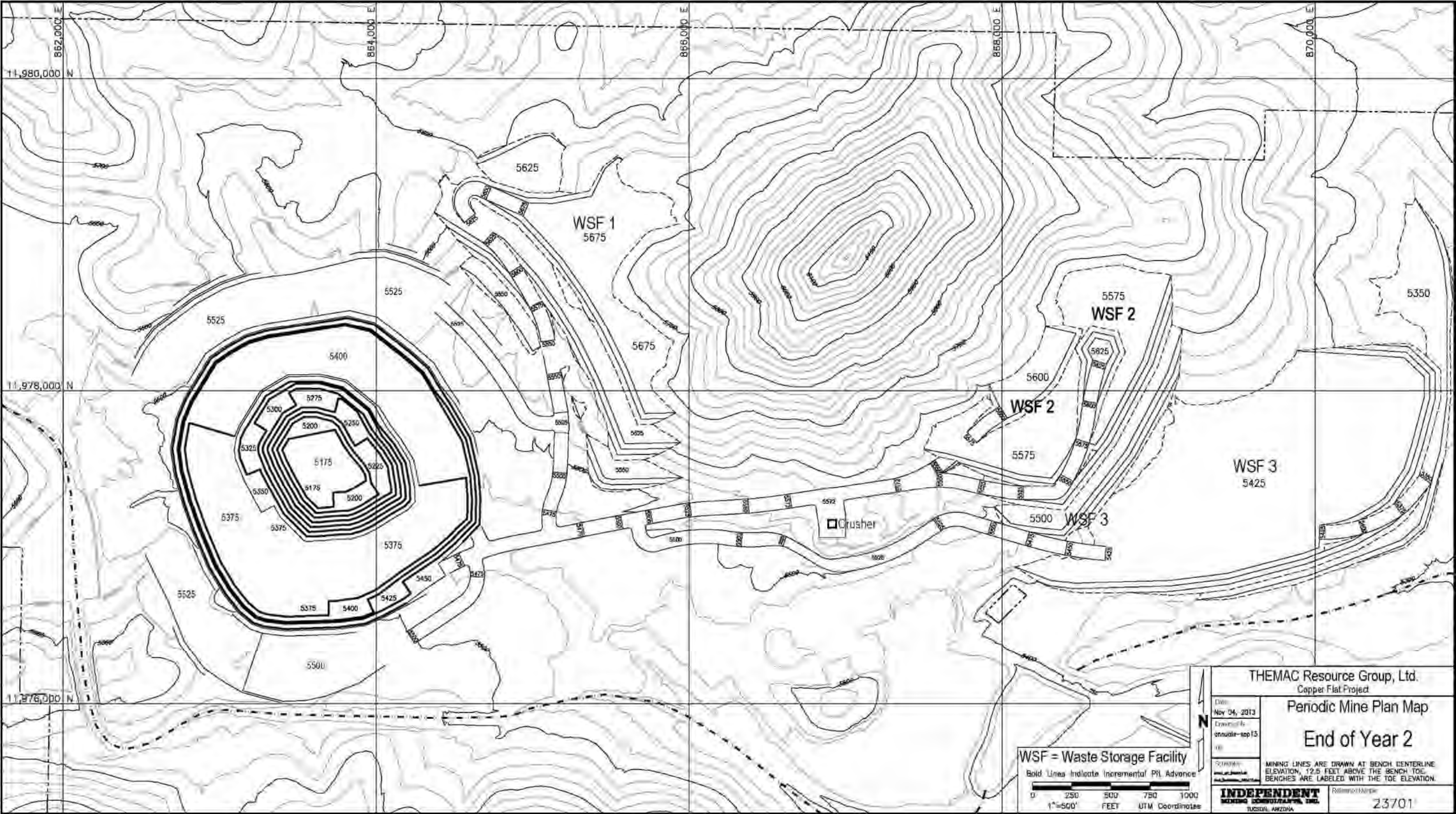


Figure 16-7: Periodic Mine Plan Map - End of Year 2



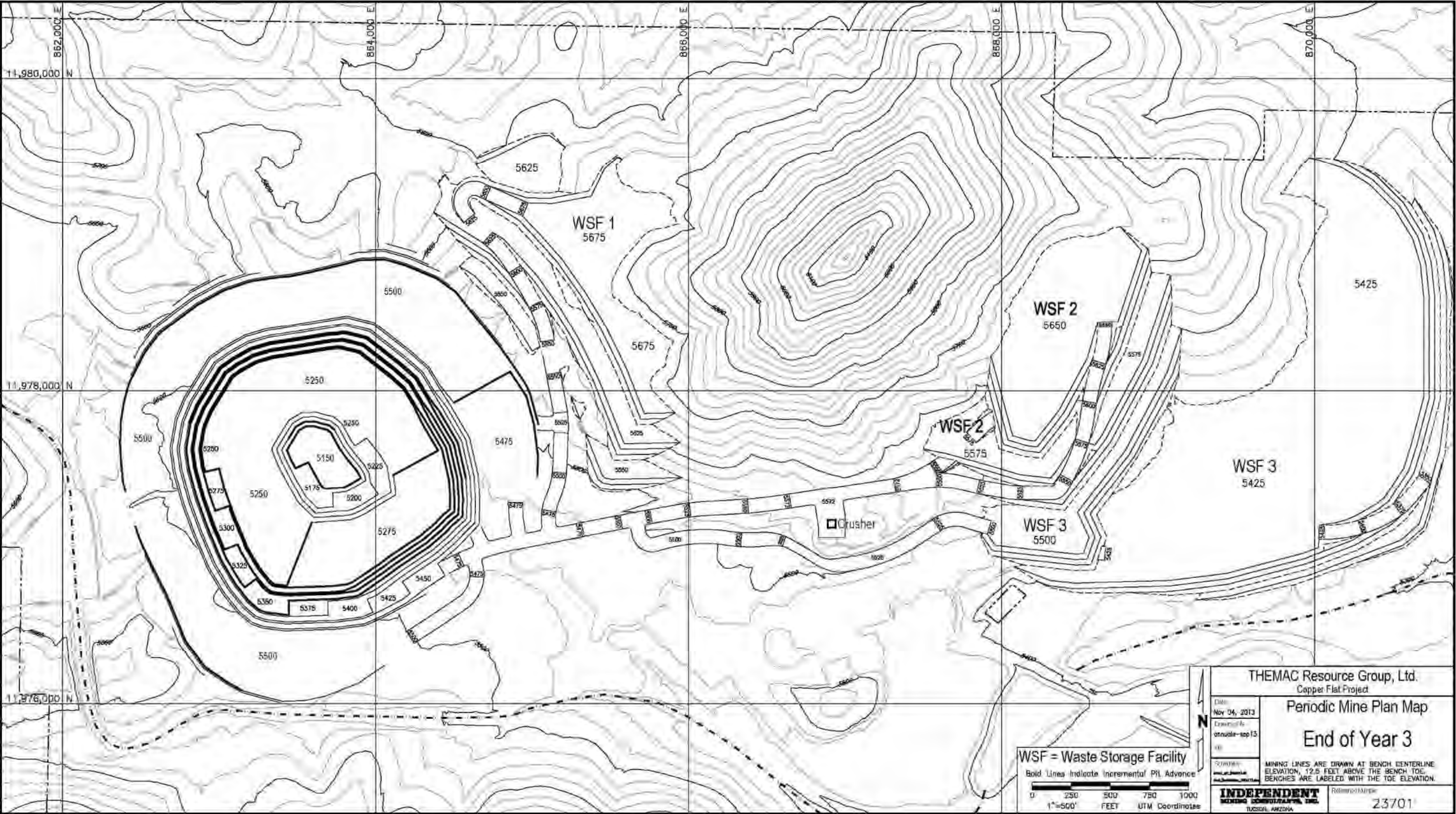


Figure 16-8: Periodic Mine Plan Map – End of Year 3



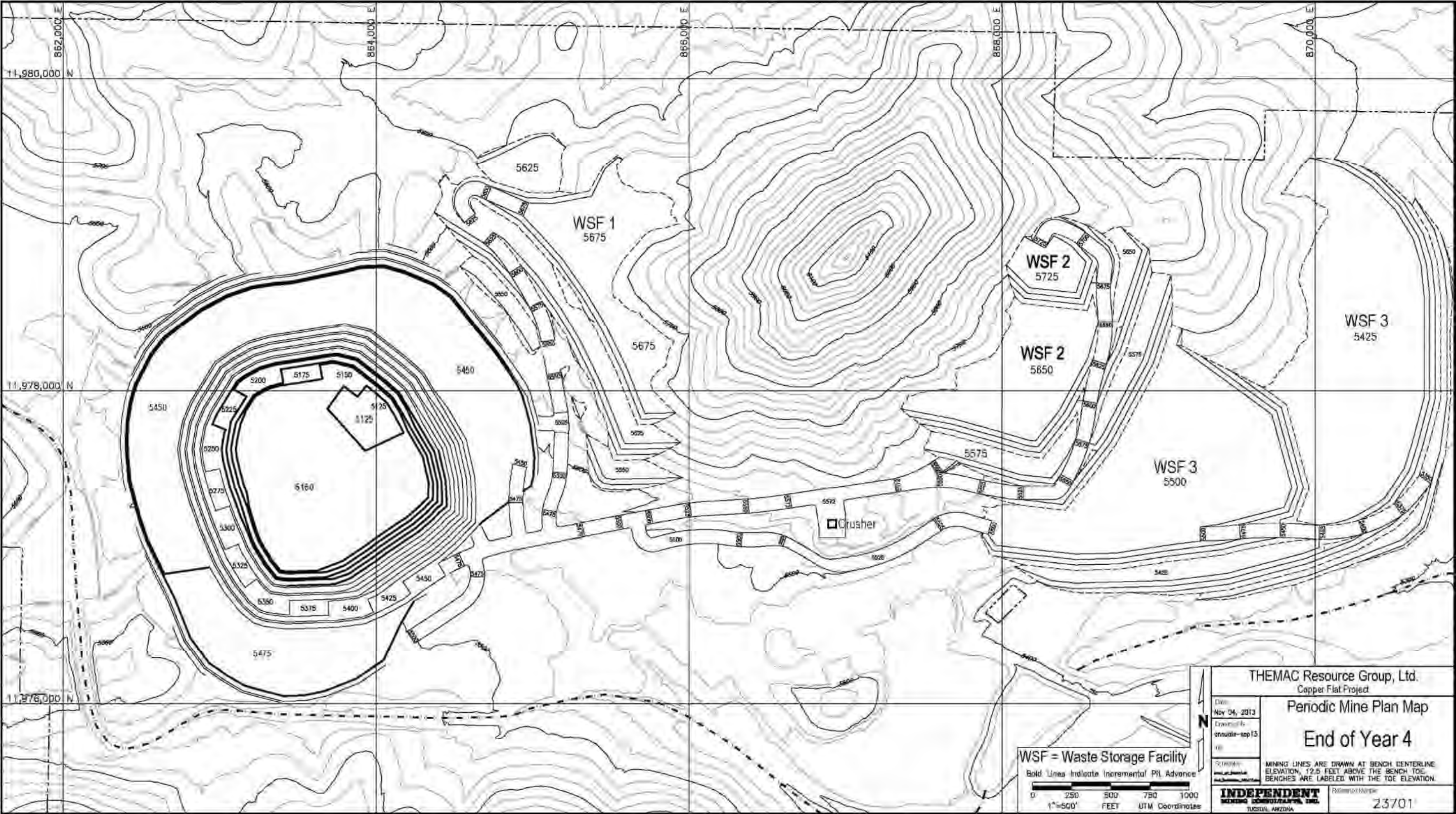


Figure 16-9: Periodic Mine Plan Map - End of Year 4



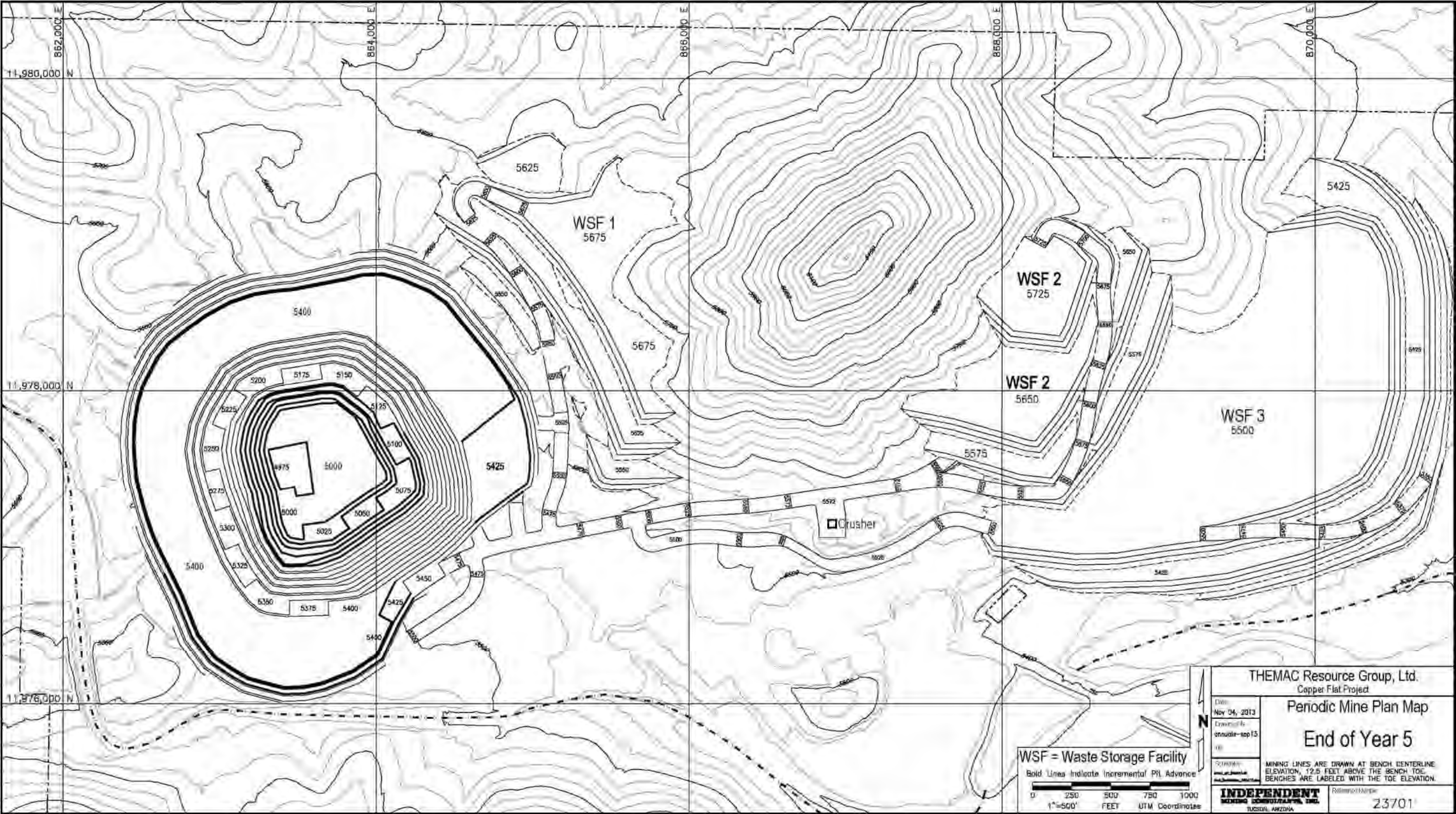


Figure 16-10: Periodic Mine Plan Map - End of Year 5



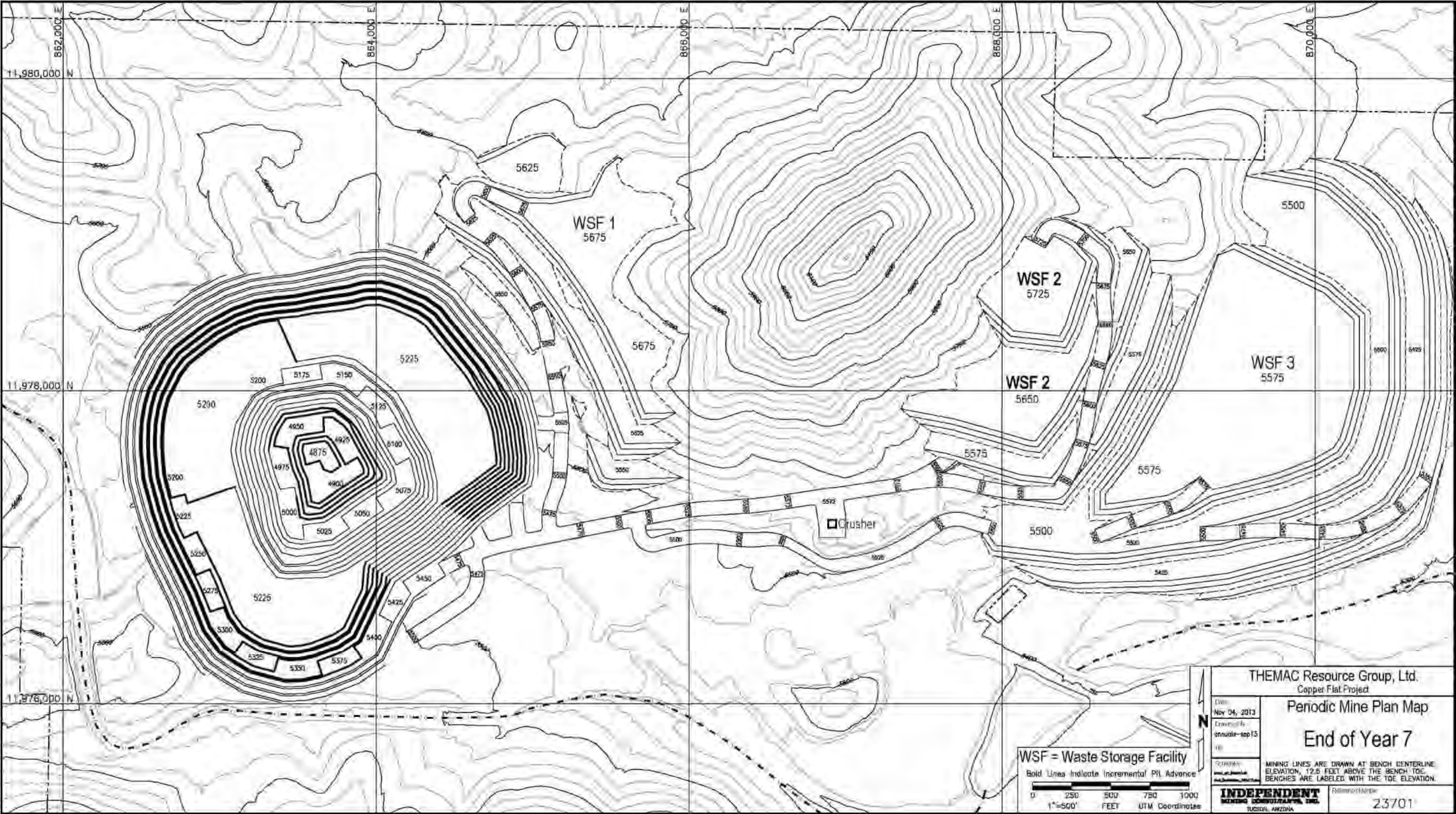


Figure 16-11: Periodic Mine Plan Map – End of Year 7



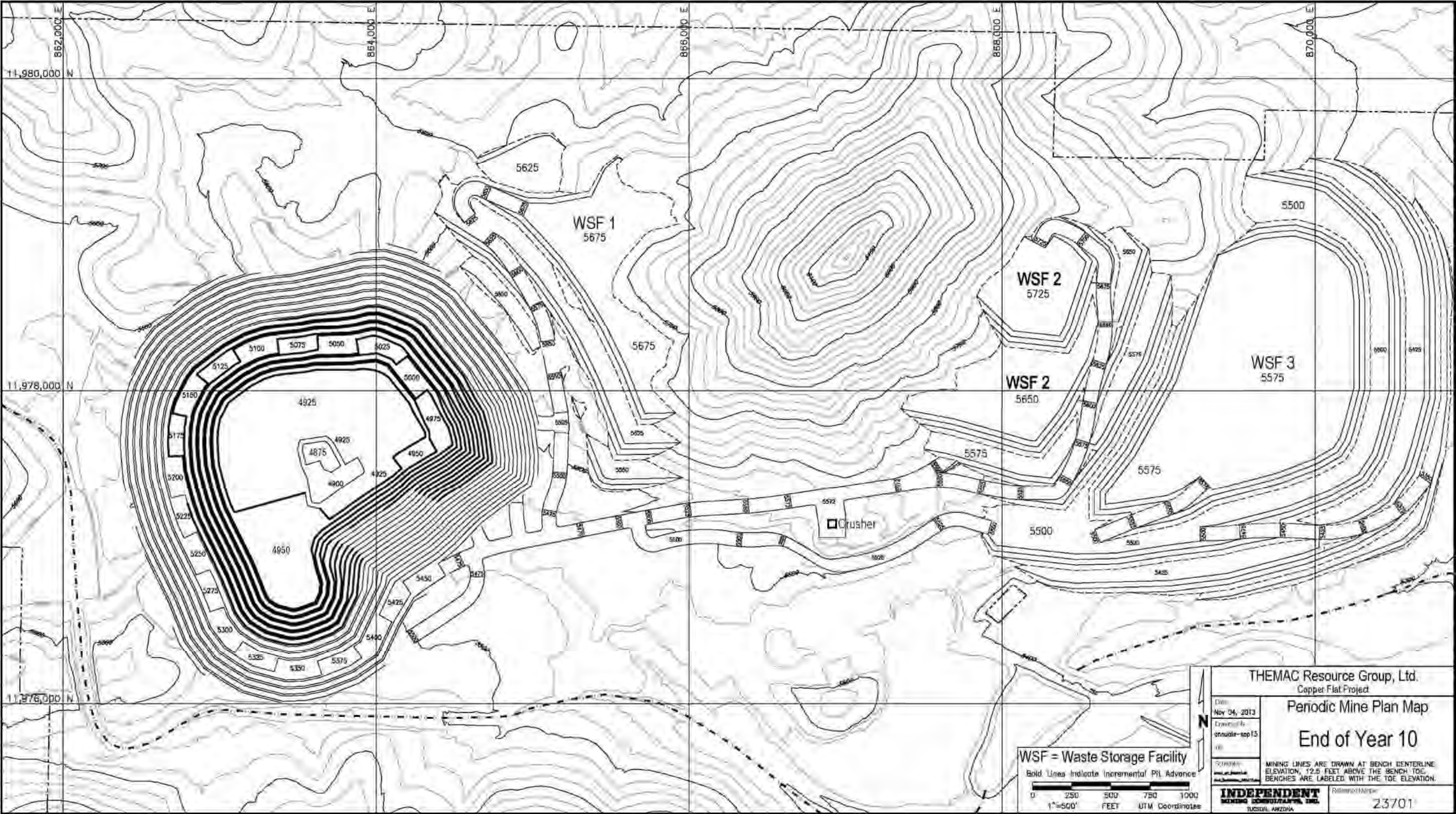


Figure 16-12: Periodic Mine Plan Map – End of Year 10



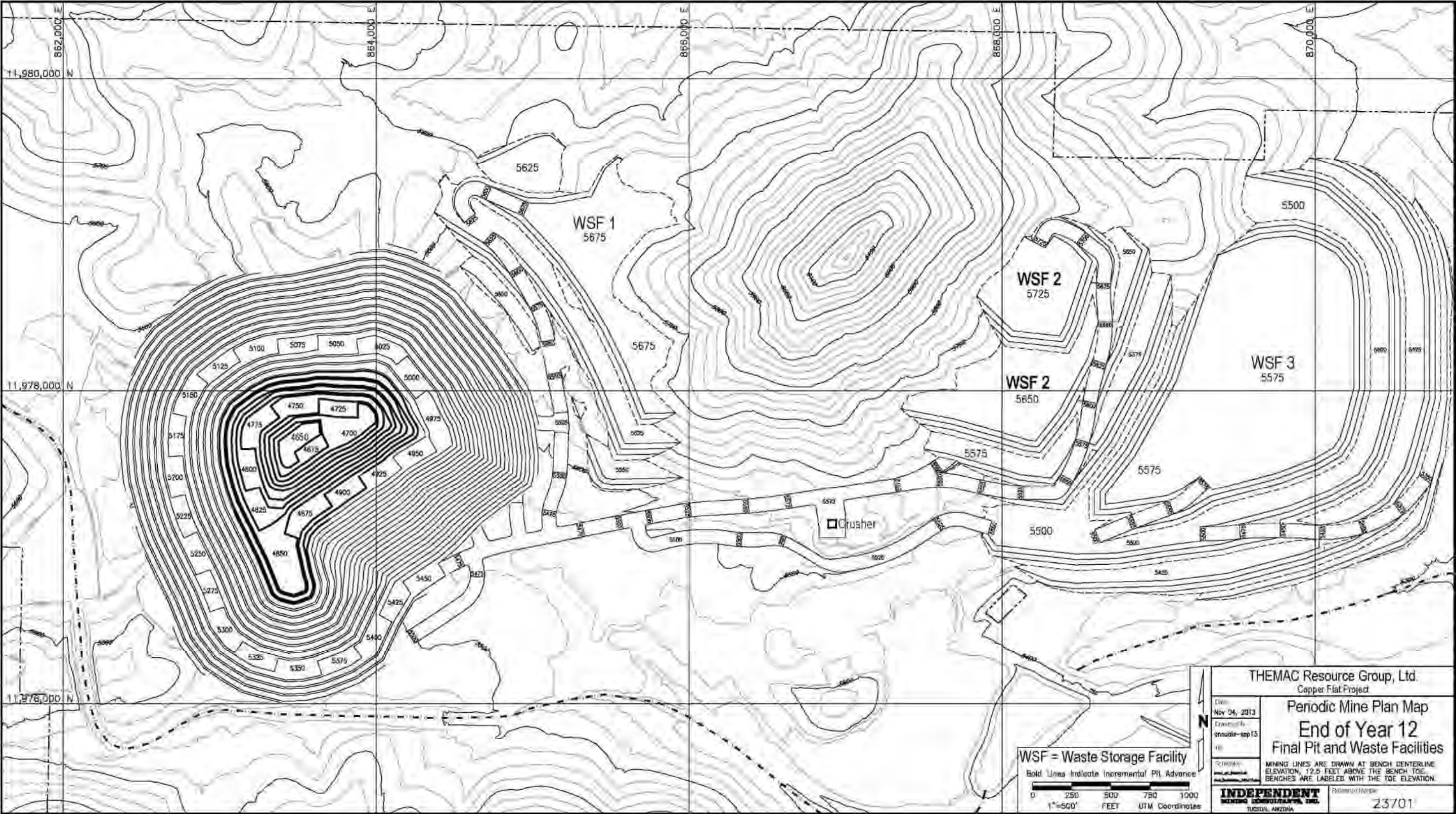


Figure 16-13: Periodic Mine Plan Map – End of Year 12







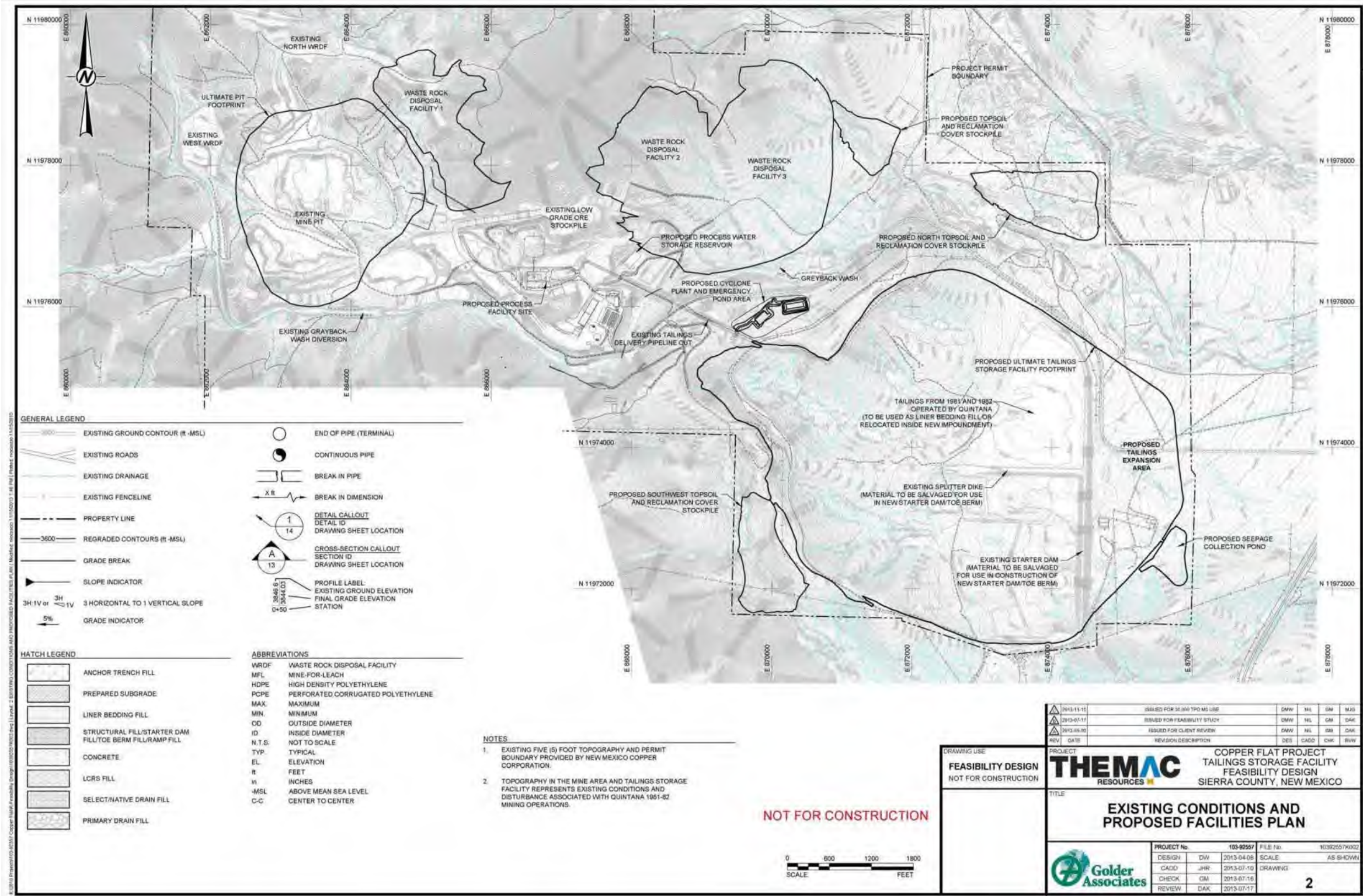


Figure 20-1: Existing Conditions and Proposed Facilities Plan



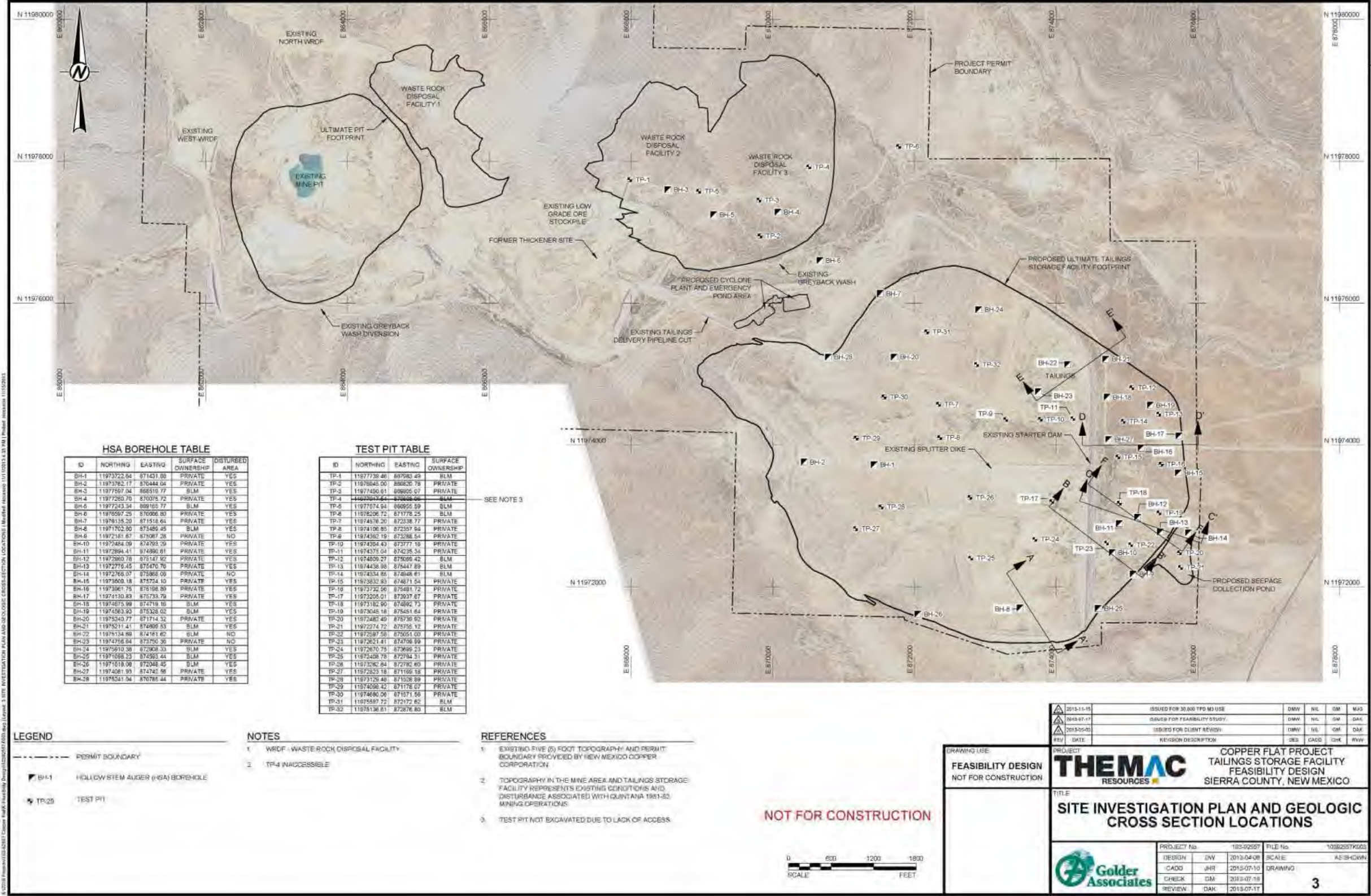


Figure 20-2: Site Exploration Plan and Geologic Cross Sections Locations



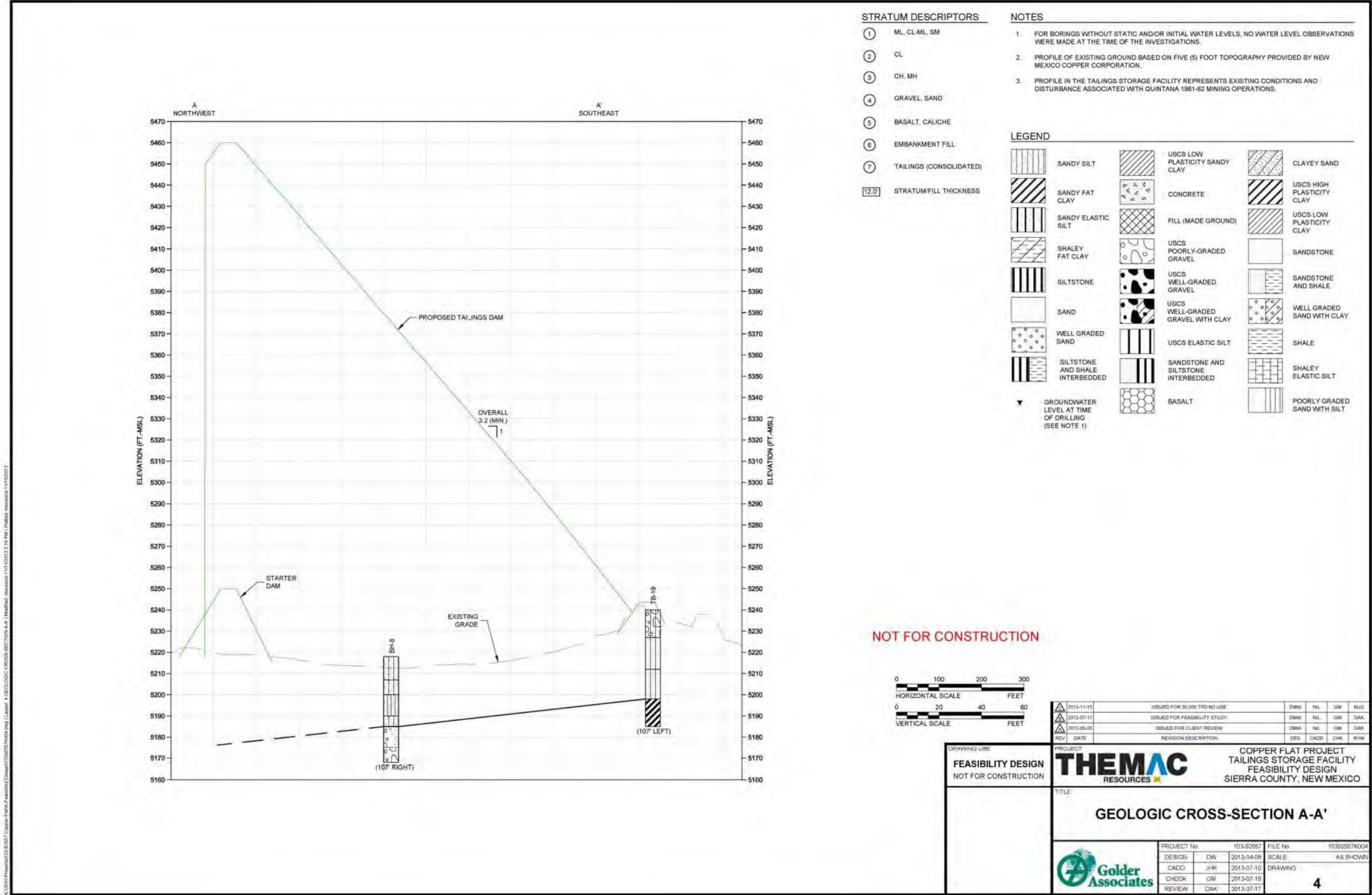


Figure 20-3: Geologic Cross-Section A-A'



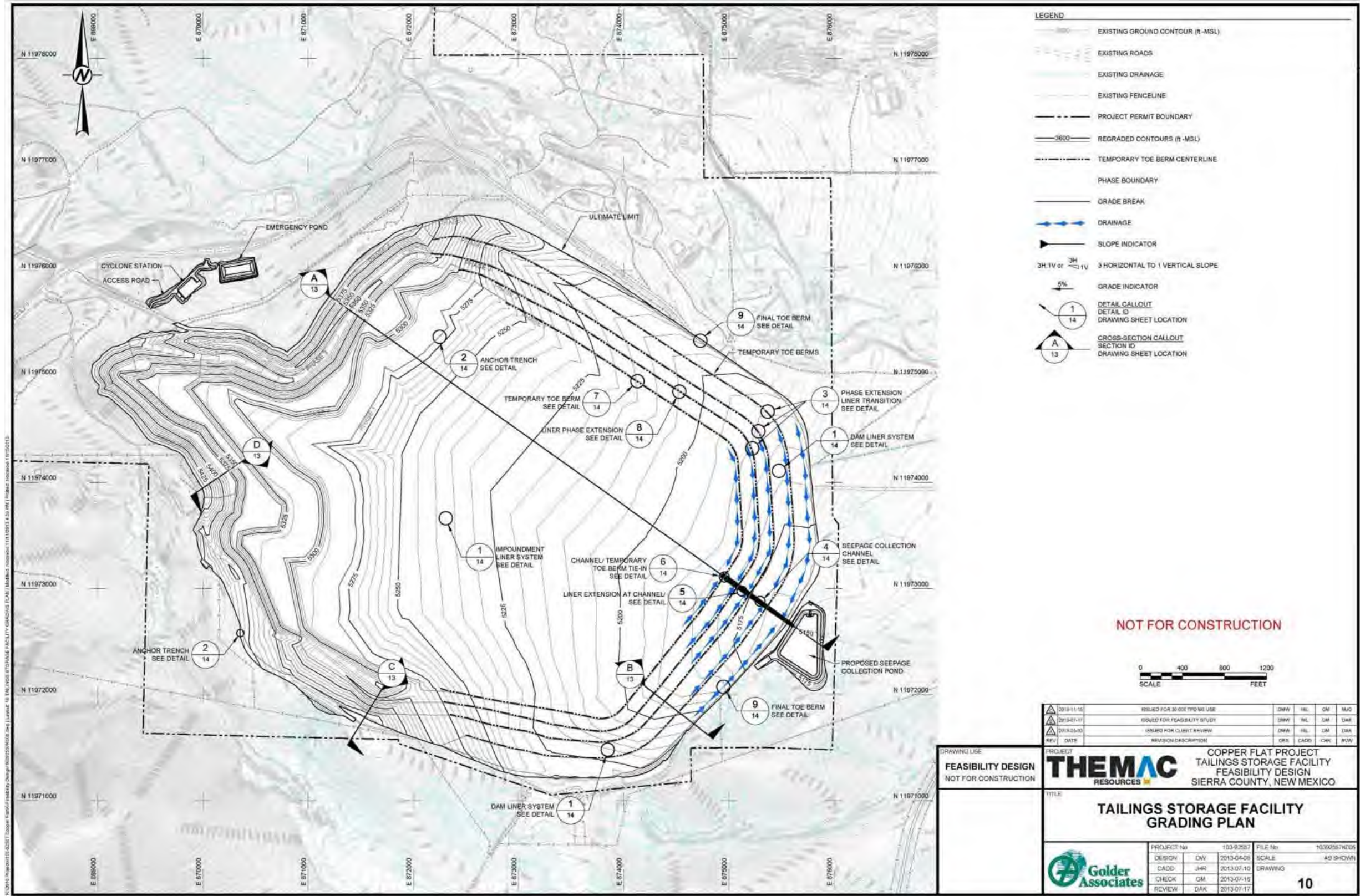


Figure 20-4: Tailings Storage Facility Grading Plan



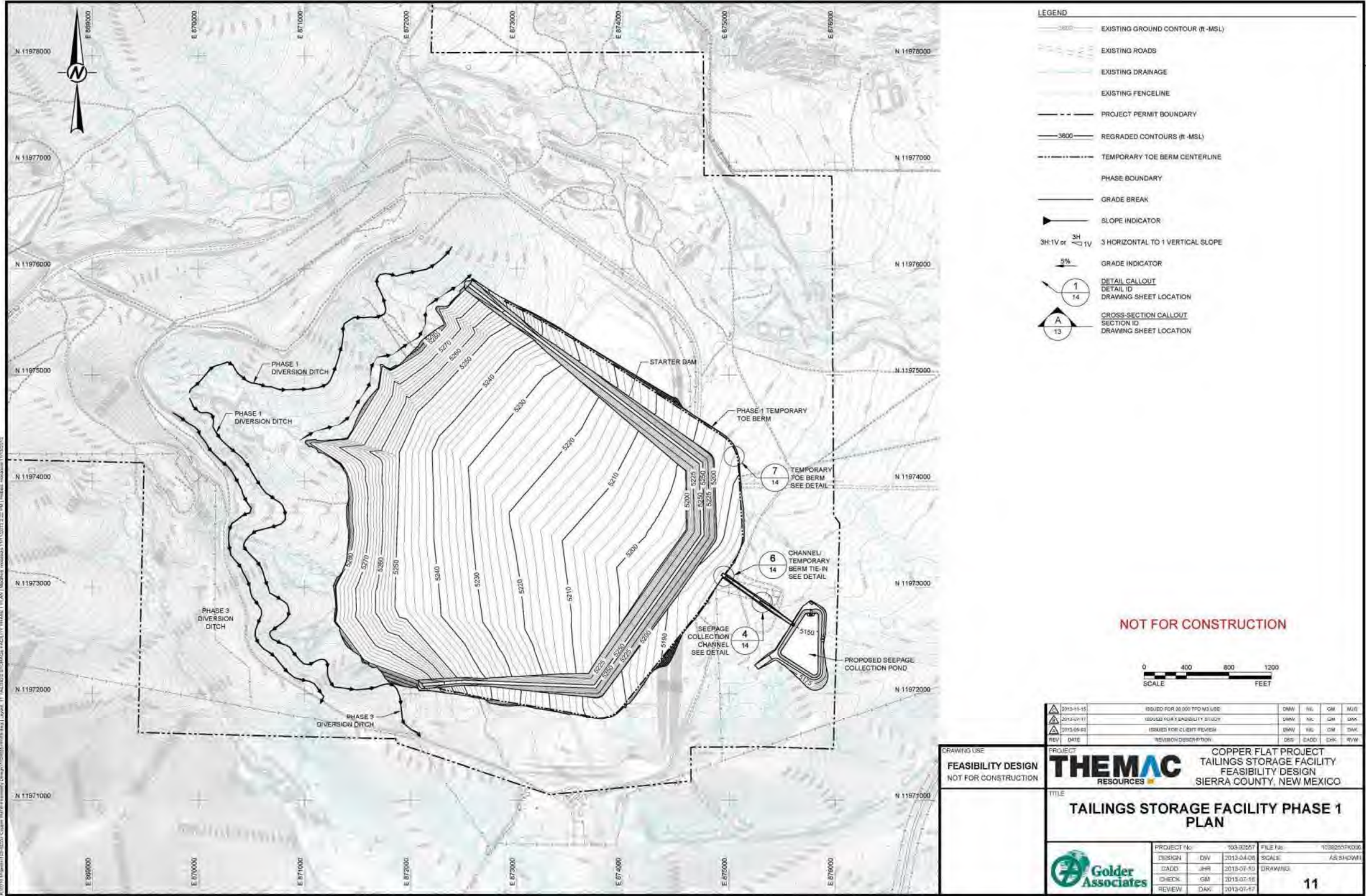


Figure 20-5: Tailings Storage Facility Grading Plan Phase 1







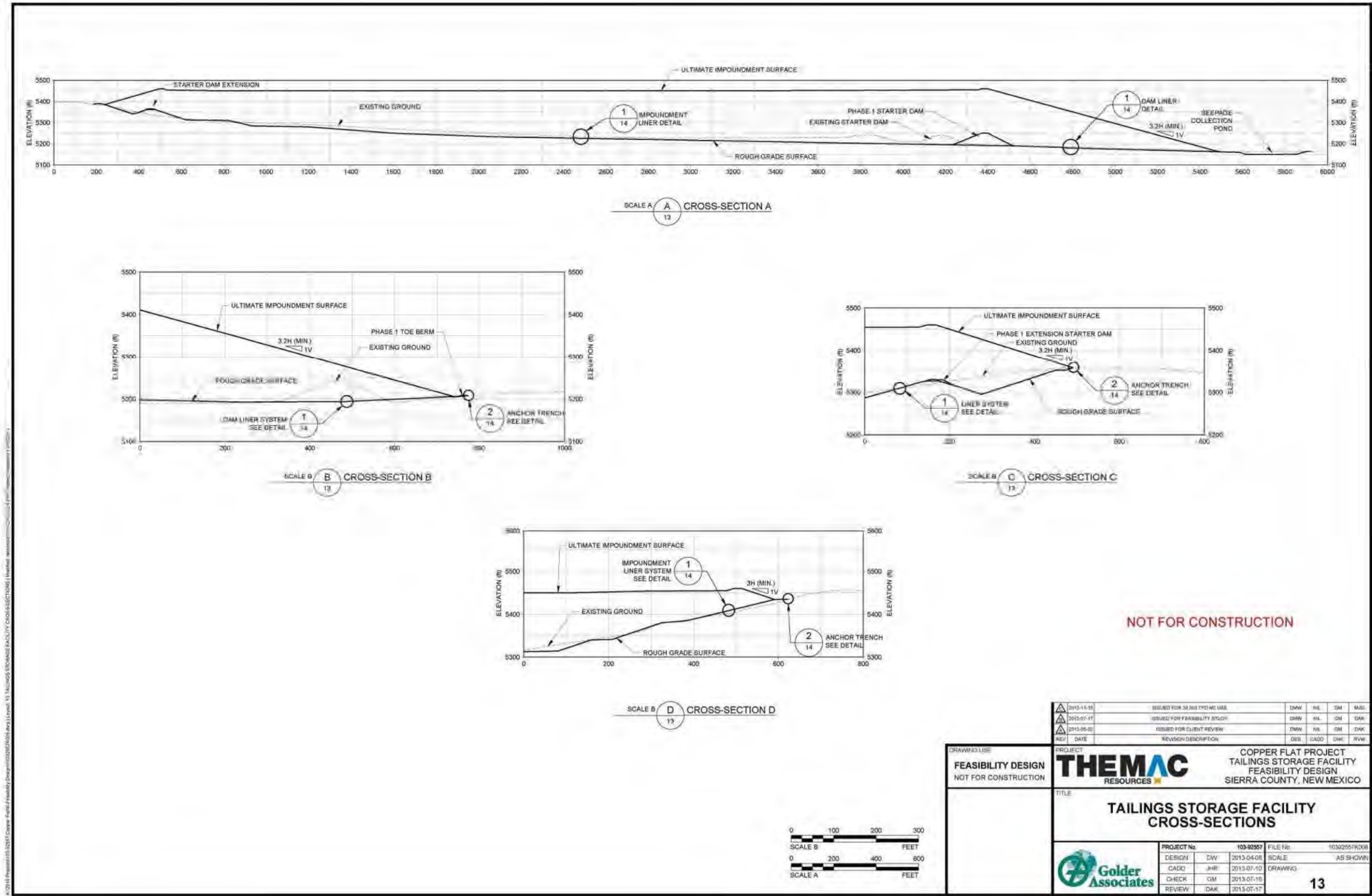


Figure 20-7: Tailings Storage Facility Cross-Sections



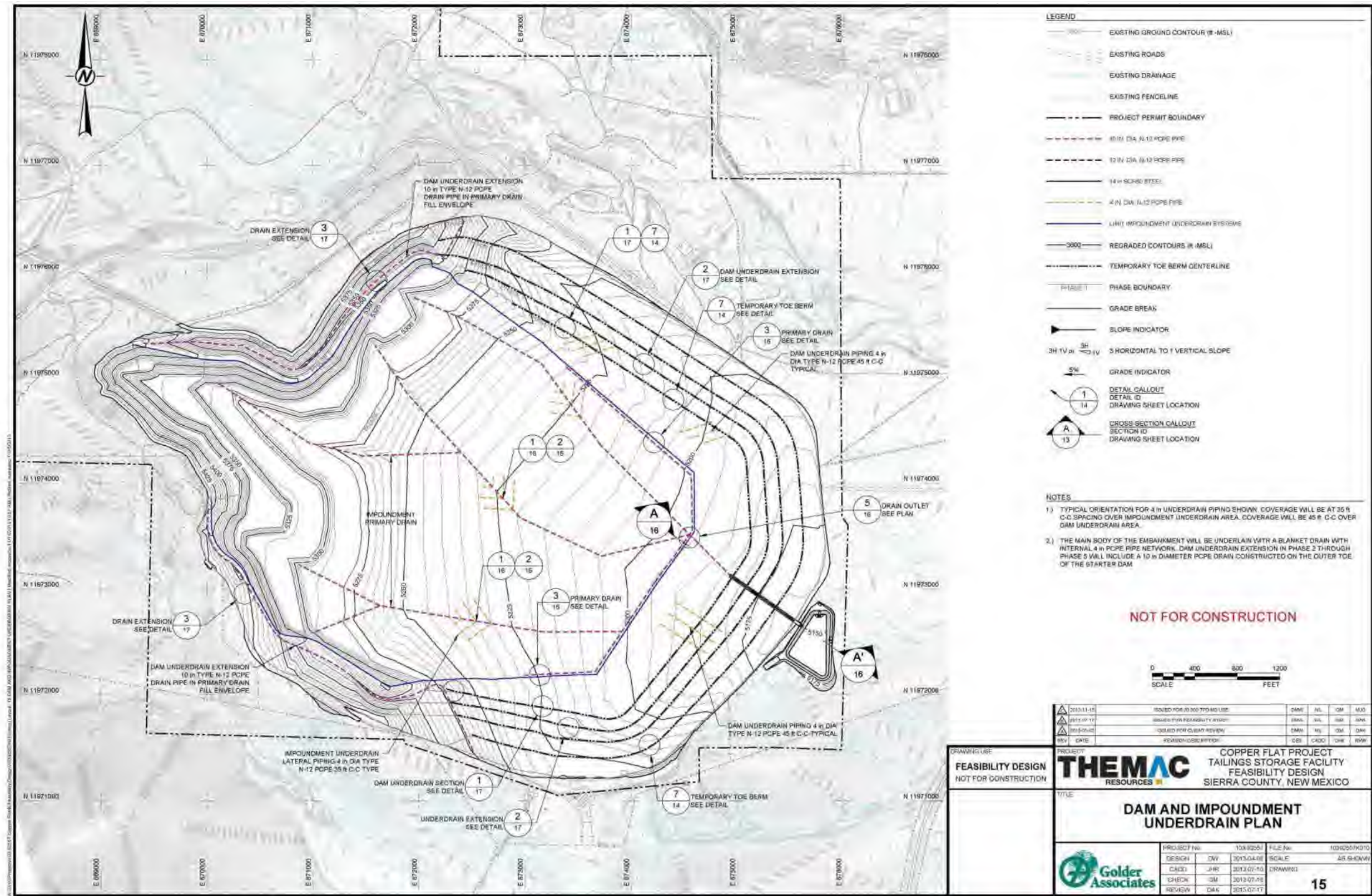


Figure 20-8: Dam and Impoundment Underdrain Plan



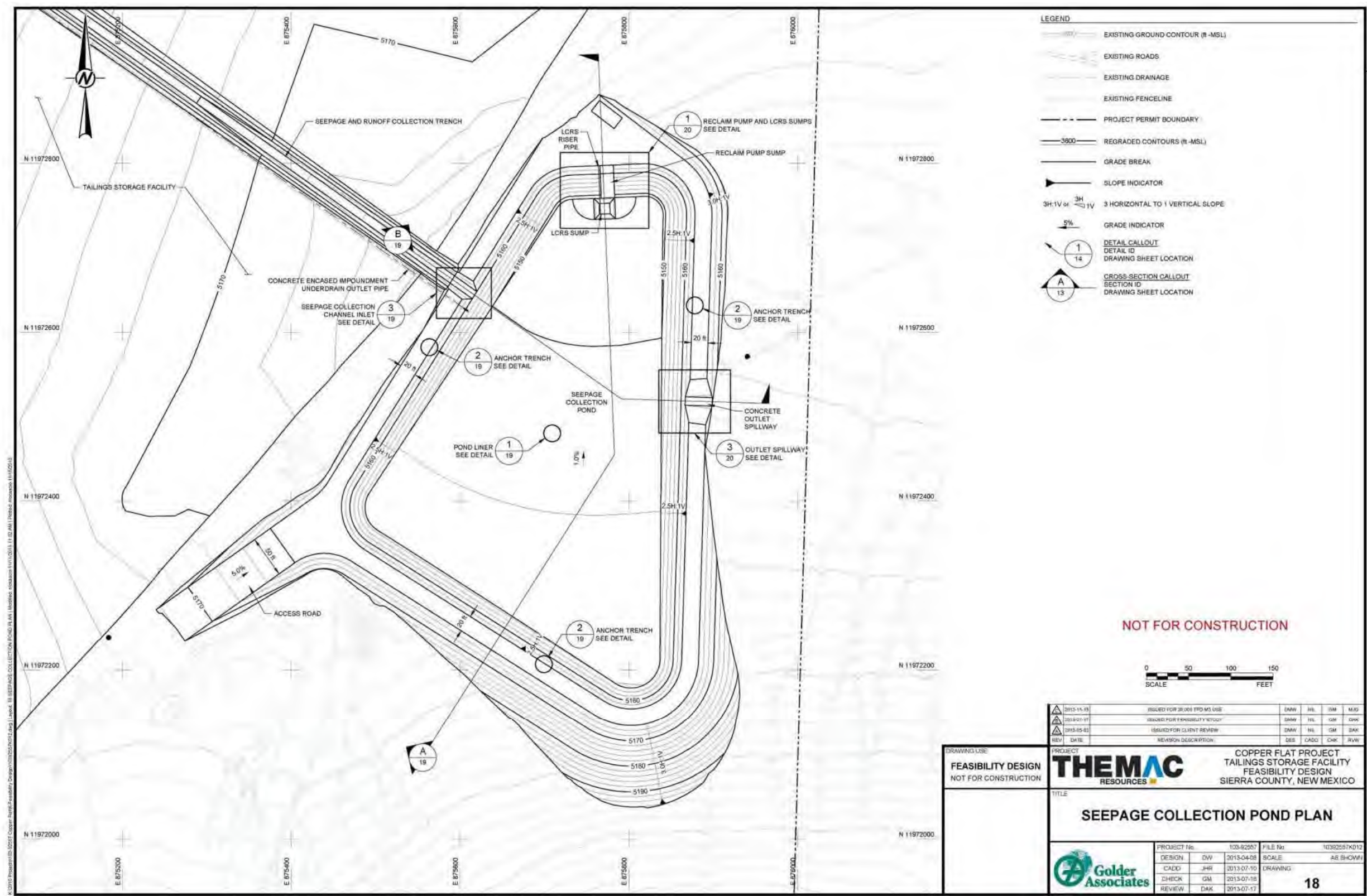


Figure 20-9: Seepage Collection Pond Plan



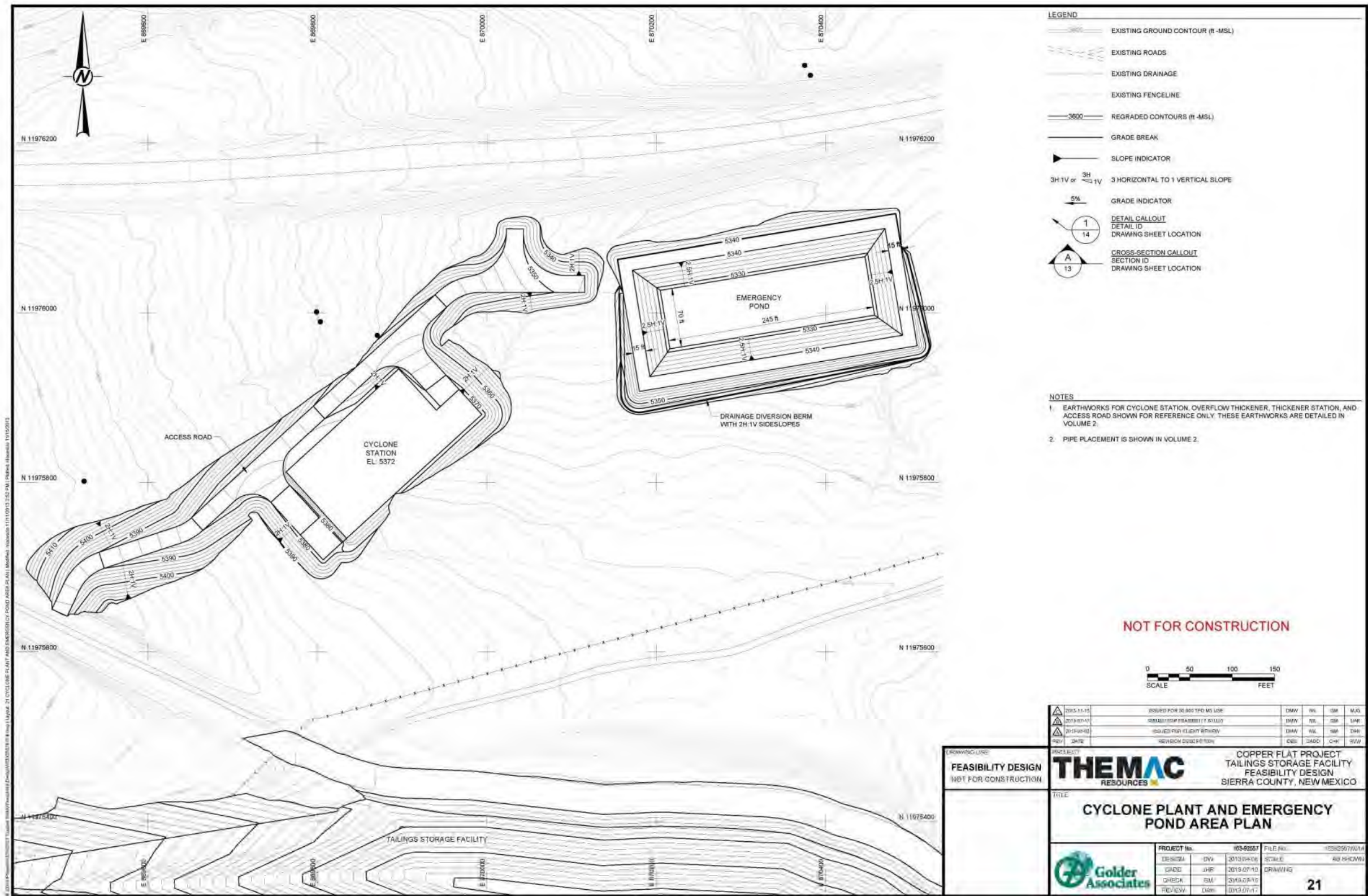


Figure 20-10: Cyclone Plant and Emergency Pond Area Plan



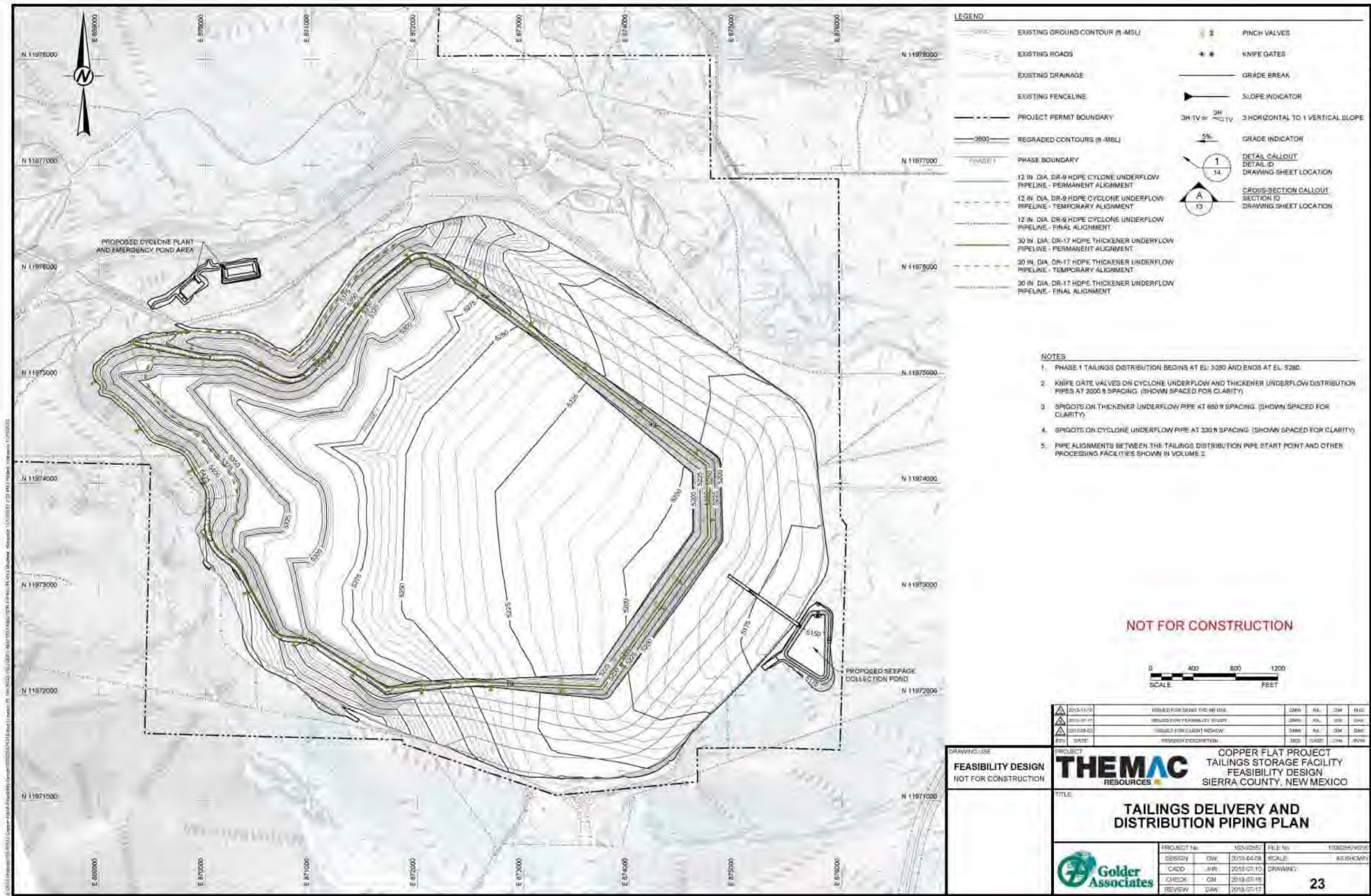


Figure 20-11: Tailings Delivery and Distribution Piping Plan



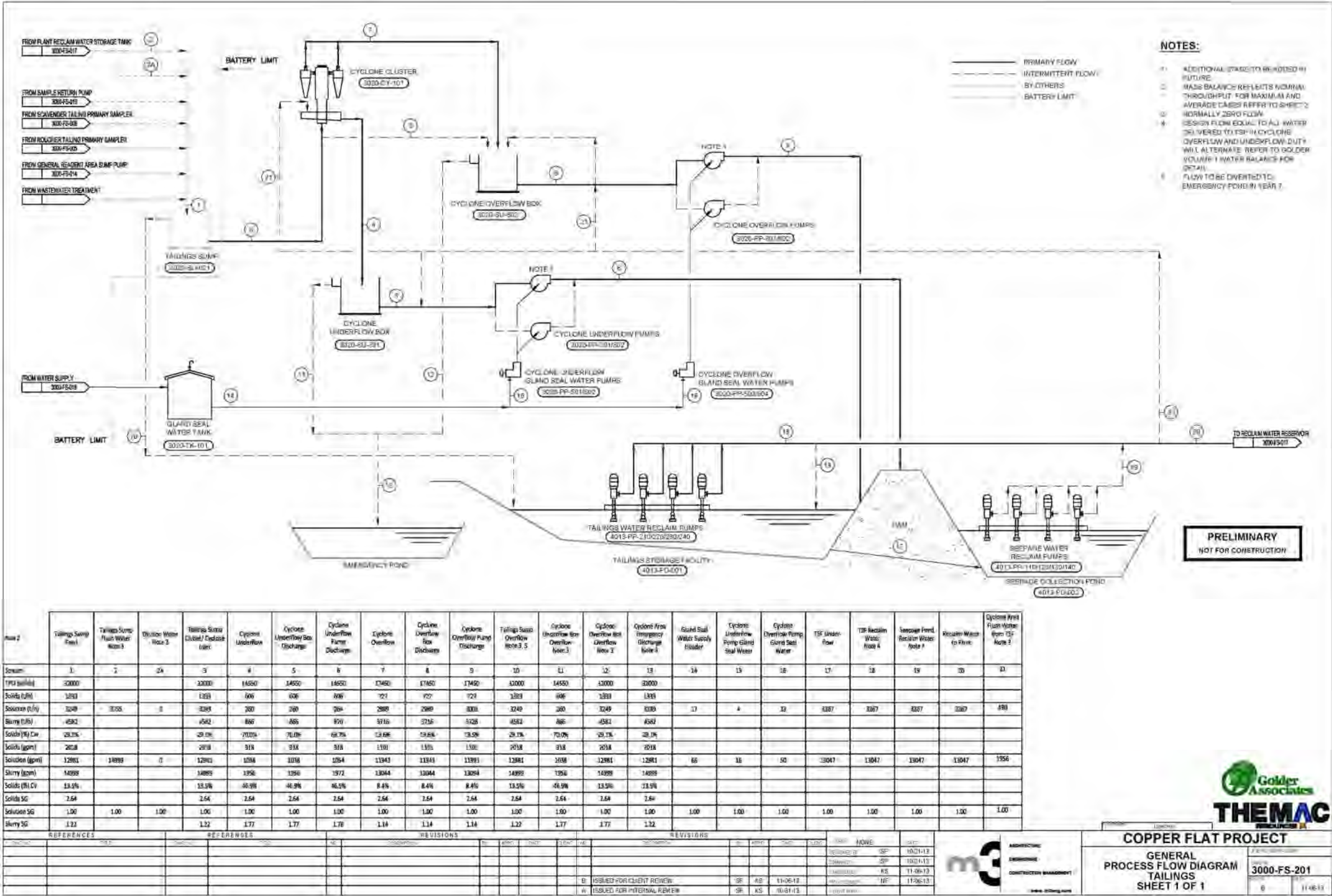


Figure 20-12: General Process Flow Diagram TAILINGS



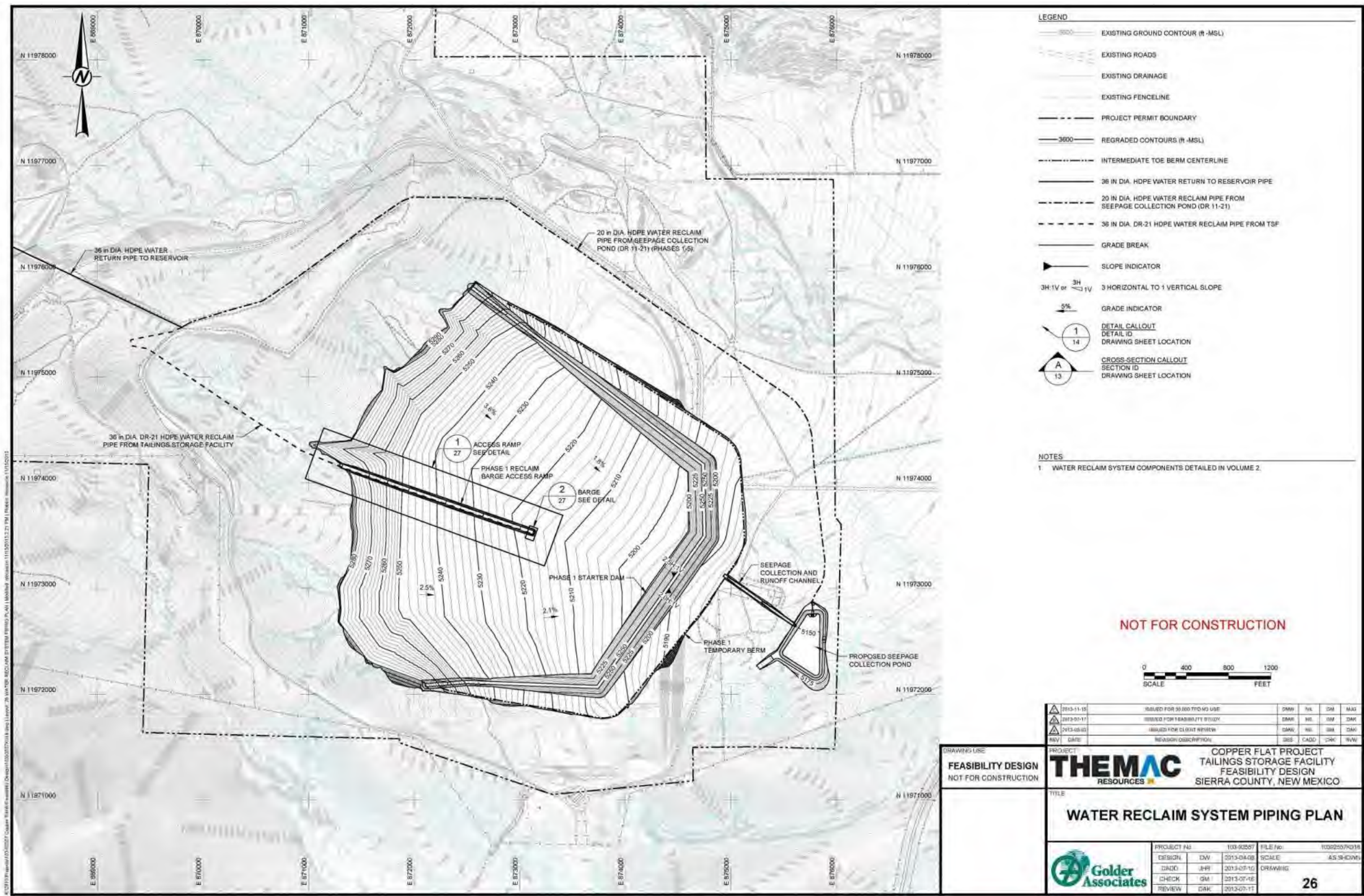


Figure 20-13: Water Reclaim System Piping Plan



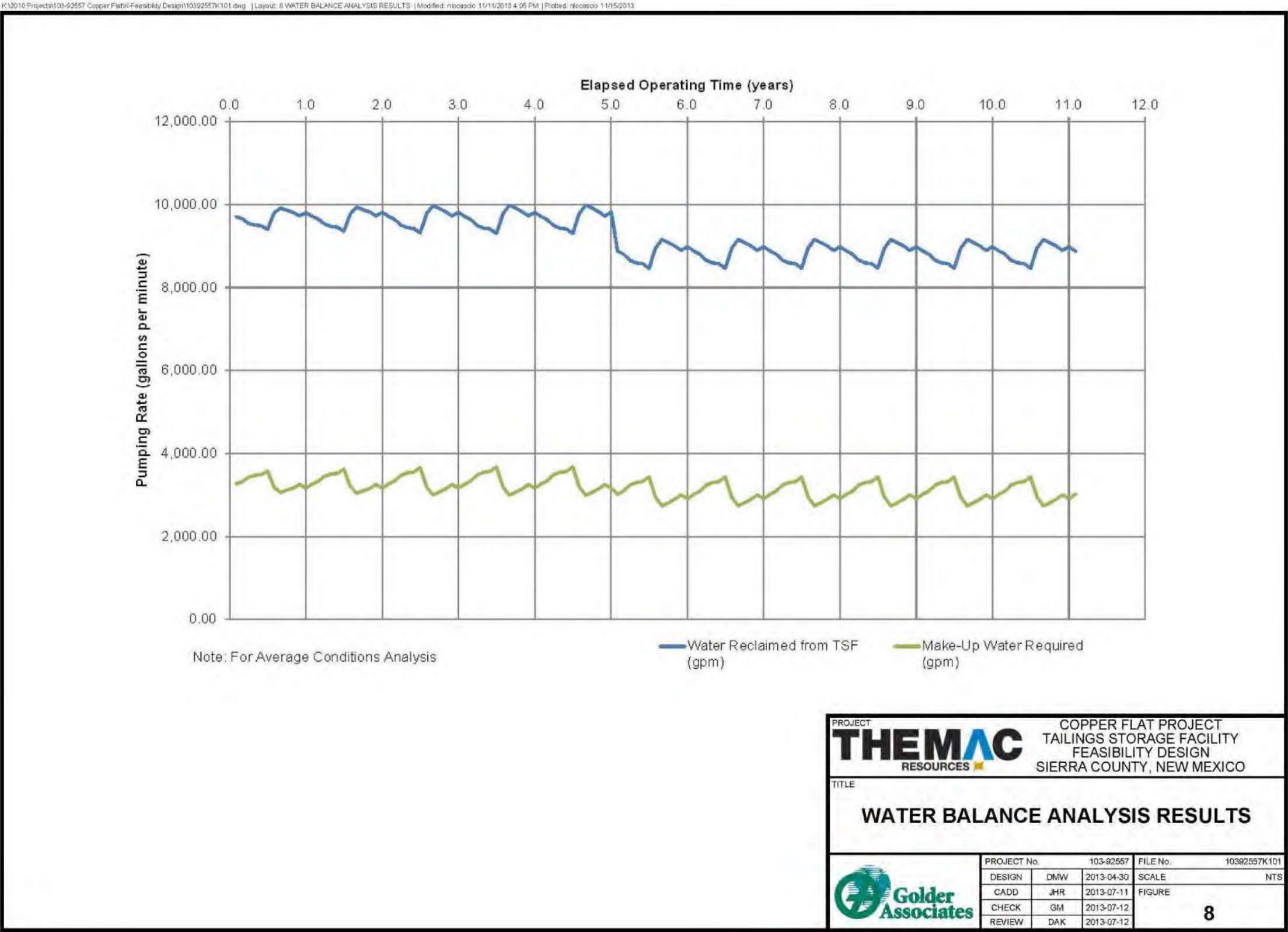


Figure 20-14: Water Balance Analysis Results