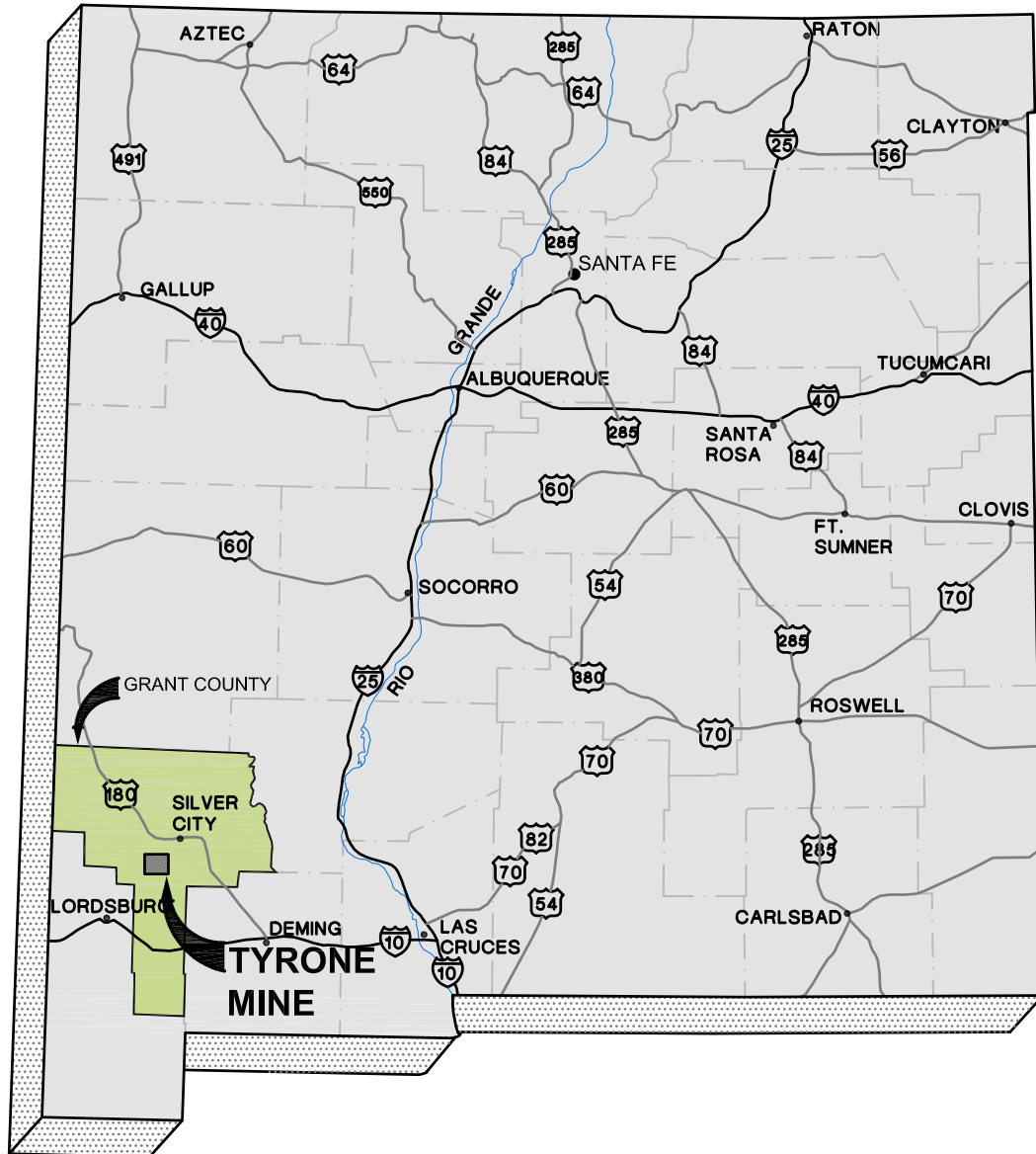



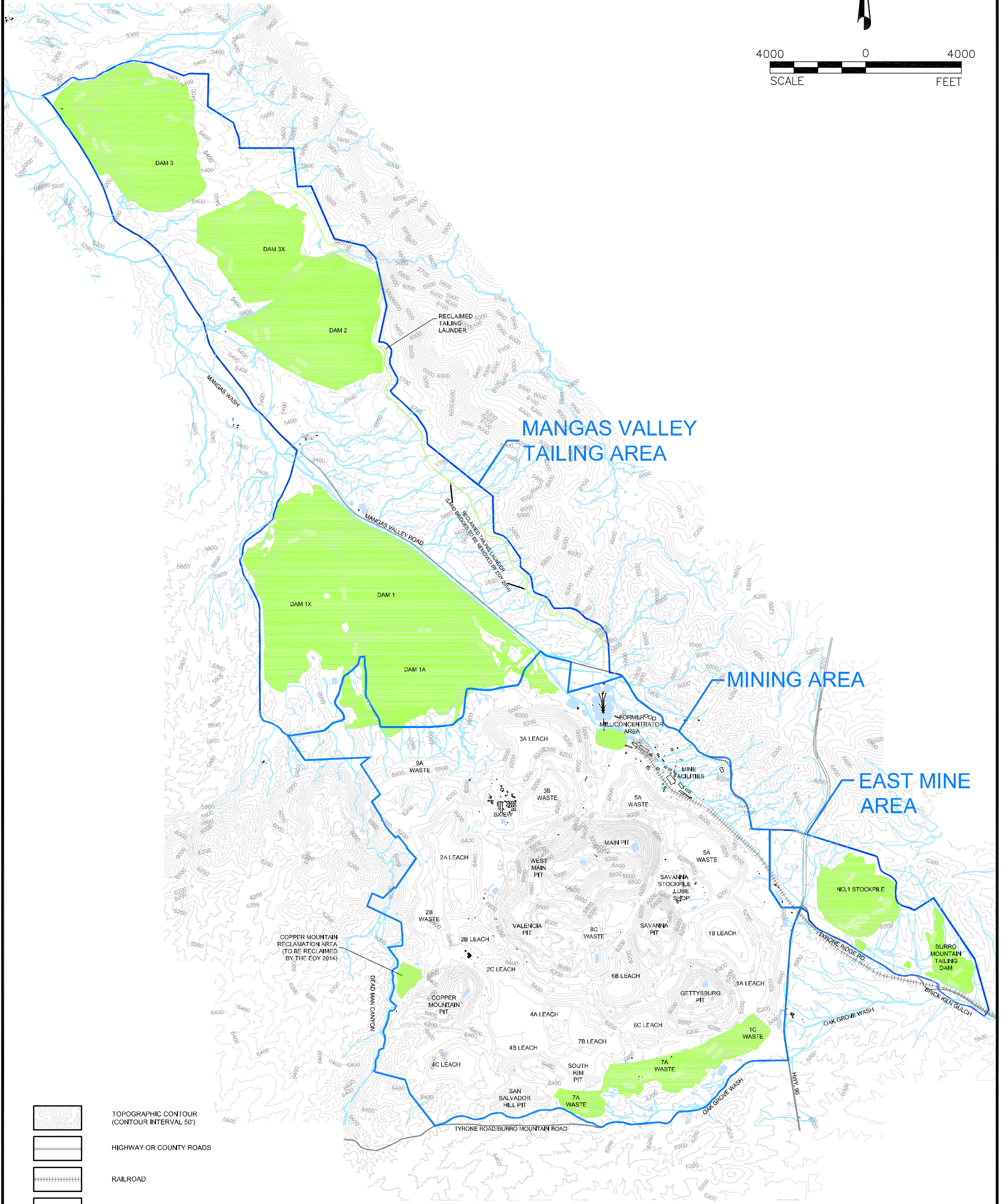
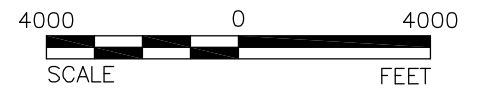
STATE OF NEW MEXICO

NOT TO SCALE




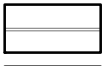

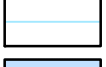



Drawing file: 1-1 Mine Location Map.dwg Jul 09, 2013 - 2:17pm

PROJECT	FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO			
TITLE	MINE LOCATION MAP			
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No.	1-1 Mine Location
	DESIGN	TS	08/22/12	SCALE AS SHOWN
	CADD	CM	04/08/13	REV. 0
	CHECK	TS	07/08/13	FIGURE 1-1
REVIEW	TS	07/08/13		




MINING AREA

EAST MINE AREA

-  TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL 50')
-  HIGHWAY OR COUNTY ROADS
-  RAILROAD
-  DRAINAGE
-  SURFACE IMPOUNDMENT
-  AREA BOUNDARIES (EXTERIOR REPRESENTS MINE PERMIT BOUNDARY)
-  RECLAIMED FACILITIES AND FACILITIES TO BE RECLAIMED BY EOY 2014

NOTES: LEACH - LEACH STOCKPILE
WASTE - WASTE ROCK STOCKPILE.

REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FMI.

PROJECT	FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO				
TITLE	TYRONE MINE AREAS AND FACILITIES				
	PROJECT No.	11380040	FILE No.	2-1 Site Location	
	DESIGN	TS	07/09/07	SCALE	AS SHOWN
	CADD	CM	06/05/13	REV.	0
	CHECK	TS	06/05/13	FIGURE 2-1	
	REVIEW	TS	06/05/13		

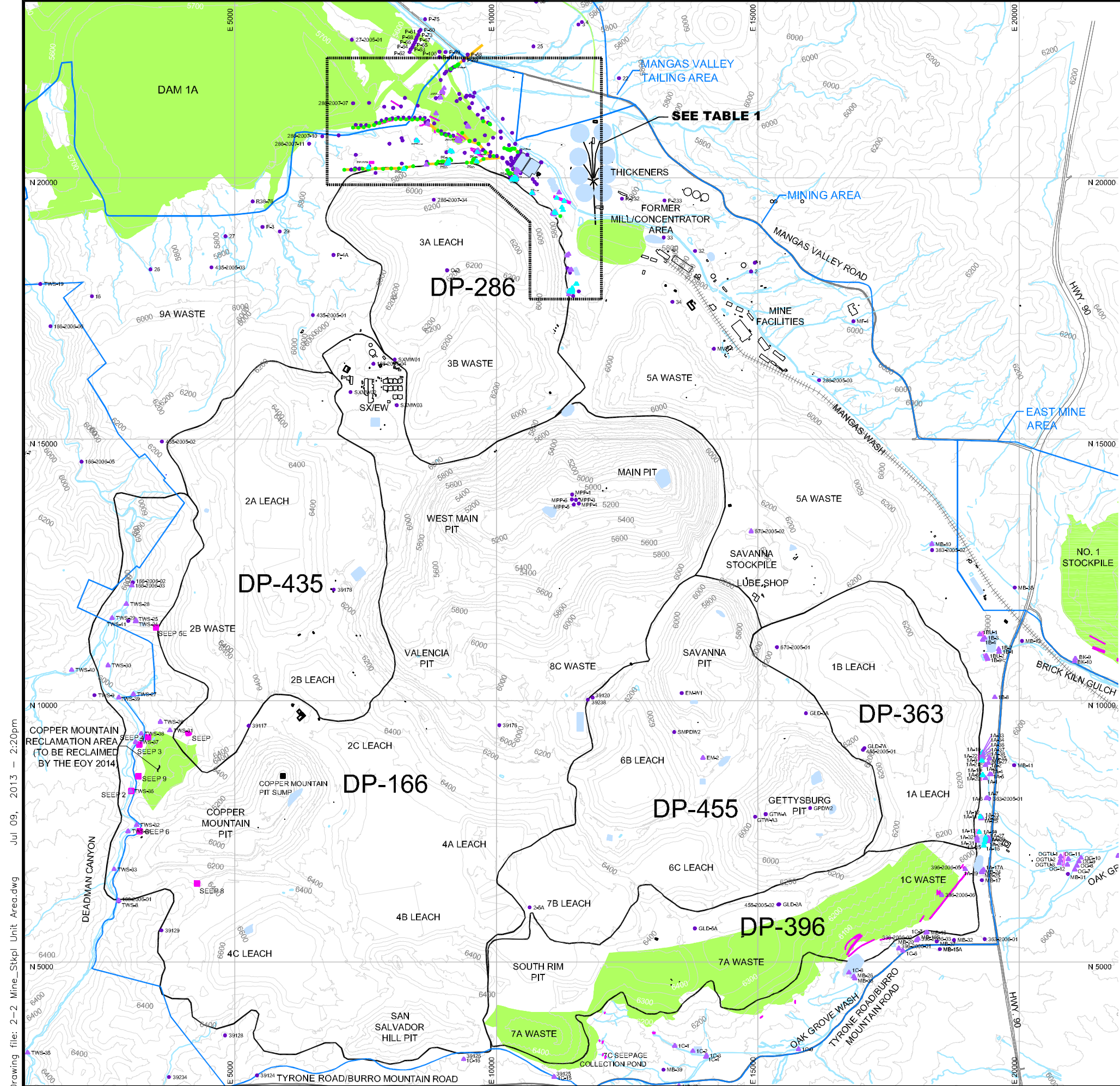


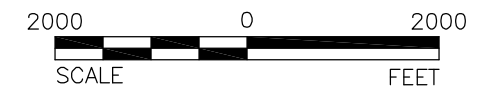
TABLE 1 - WELLS IN THE NO.3A STOCKPILE AREA

288-2005-01	P-182	P-227	P-81	288-2007-47	P-221	C5-27	C6-18
288-2005-02	P-188	P-228	P-82	288-2007-48	P-224	C5-30	C6-20
288-2005-03	P-187	P-229	P-84	288-2007-50	P-223	C5-28	C6-24
288-2005-04	P-185	P-224	P-85	288-2007-51	P-226	C5-10	C6-25
288-2005-05	P-173	P-230	P-86	P-12A	P-237	C5-14	C6-26
288-2007-01	P-176	P-224	C-8	P-12A	P-235	C5-17	C6-45
288-2007-02	P-17A	P-24	C1-31	C10-18	P-42	C6-18	C6-46
288-2007-03	P-183	P-21	C1-4	C10-15	P-33	C6-19	C6-50
288-2007-04	C-5R	P-32	C1-8	C10-15	P-34	C6-2	MA-1
288-2007-05	P-106	P-34	C2-11	C11-15	P-35	C6-23R	MA-2
288-2007-06	P-10A	P-162	C3-12	C1-15	P-36	C6-4	MA-3
288-2007-07	P-104R	P-154	C3-4	C1-15	P-37	C6-43	32
288-2007-08	P-11	P-165	C3-1	C1-19	P-70	C6-44	45
288-2007-12	P-114	P-174	C3-11	C1-22	P-76	C6-47	33
288-2007-13	P-115	P-177	C3-10	C1-23	C10-25	C6-48	P-232
288-2007-14	P-116	P-178	C4-26	C1-25	C10-40	C1-26	P-233
288-2007-15	P-117	P-182	C6-5	C6-43	C4-4	C1-30	288-2008-07
288-2007-16	P-149	P-185	C6-56	C6-45	C4-8	C1-33	288-2008-02
288-2007-17	P-144	P-185	C6-6	C1-15	C5-14	C4-24	288-2008-07
288-2007-22	P-16	P-189	C6-60	C1-34	C5-15	C4-25	288-2008-08
288-2007-24	P-27	P-229	C6-81	C5-10	C5-3	C4-25	C6-84
288-2007-25	P-43	P-240	C6-82	C5-11	C5-6	C4-30	288-2008-06
288-2007-26	P-44	P-241	C6-8	C6-33	C6-1	C4-31	P-62
288-2007-28	P-45	P-29	C7-33	C6-34	C10-41	C4U-1	288-2008-04
288-2007-32	P-46	P-30	C7-35	C6-43	C10-50	C4U-2	288-2008-05
288-2007-36	P-47	P-32	C7-36	C6-45	C10-51	C5-29	288-2008-03
288-2007-38	P-48	P-35	288-2007-19	P-192	C10-52	C5-44	P-59
288-2007-40	P-49	P-39	288-2007-17	P-194	C10-53	C5-46	288-2008-02
288-2007-42	P-5	P-40	288-2007-19	P-195	C10-57	C5-47	288-2008-02
288-2007-44	288-2008-01	P-41	288-2007-21	P-196	C10-59	C5-49	288-2008-01
288-2007-46	288-2008-03	P-40	288-2007-23	P-198	C10-62	C5-5	288-2007-07
288-2007-48	288-2008-05	P-41	288-2007-25	P-202	C1-10	C5-50	288-2008-01
6-2R	P-154	P-42	288-2007-27	P-205	C1-13	C5-8	
C10-42	P-187	P-6A	288-2007-29	P-206	C1-14	C5-2	
C10-54	P-192	P-6B	288-2007-31	P-209	C11-8	MA-4	
C10-5	P-19A	P-6RRR	288-2007-33	P-210	C7-37	P-155	
C11-1	P-2	P-71A	288-2007-35	P-211	C7-35	C10-17	
C11-12	P-205	P-72R	288-2007-37	P-212	C7-39	C5-9	
C5-5	P-219	P-74	288-2007-39	P-215	C5-22	C5-10	
C-3R	P-21A	P-77	288-2007-41	P-216	C5-23	C5-9	
C-4	P-225	P-79	288-2007-43	P-217	C5-24	C5-11	
P-181	P-226	P-80	288-2007-45	P-220	C5-26	C5-13	

- TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL 50')
- HIGHWAY OR COUNTY ROAD
- DRAINAGE
- MINE PERMIT BOUNDARY
- APPROXIMATE OPERATIONAL DISCHARGE PLAN BOUNDARY AREA
- DISCHARGE PLAN I.D. NUMBER
- SURFACE IMPOUNDMENT
- RAILROAD
- PERCHED ZONE MONITOR WELL
- PERCHED ZONE PRODUCTION WELL
- REGIONAL MONITOR WELL
- REGIONAL PRODUCTION WELL
- RECLAIMED FACILITY
- REGIONAL AQUIFER PUMPING SYSTEM
- PERCHED SEEPAGE COLLECTION SYSTEM

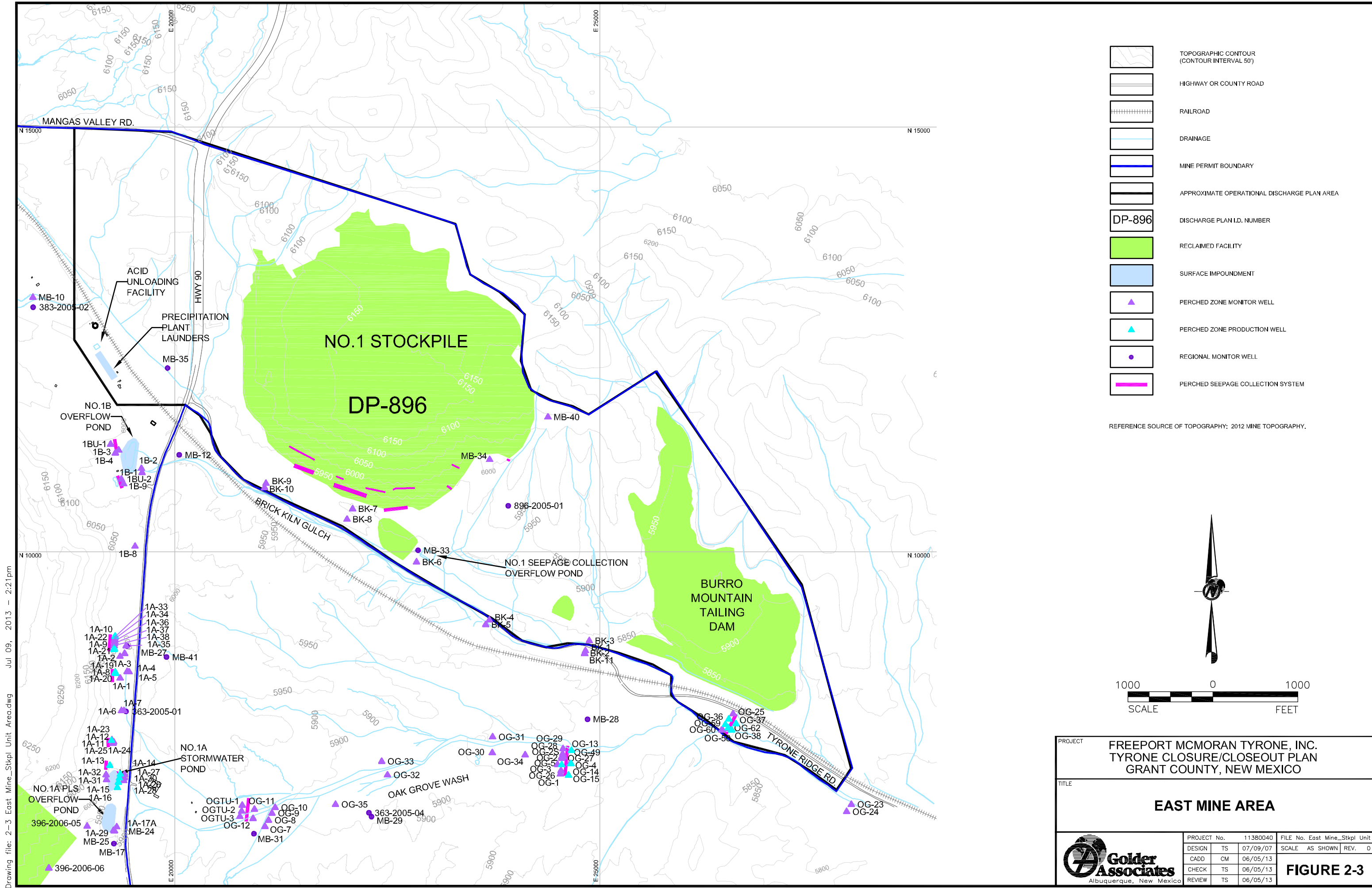
NOTES: LEACH - LEACH STOCKPILE
WASTE - WASTE ROCK STOCKPILE

REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FML




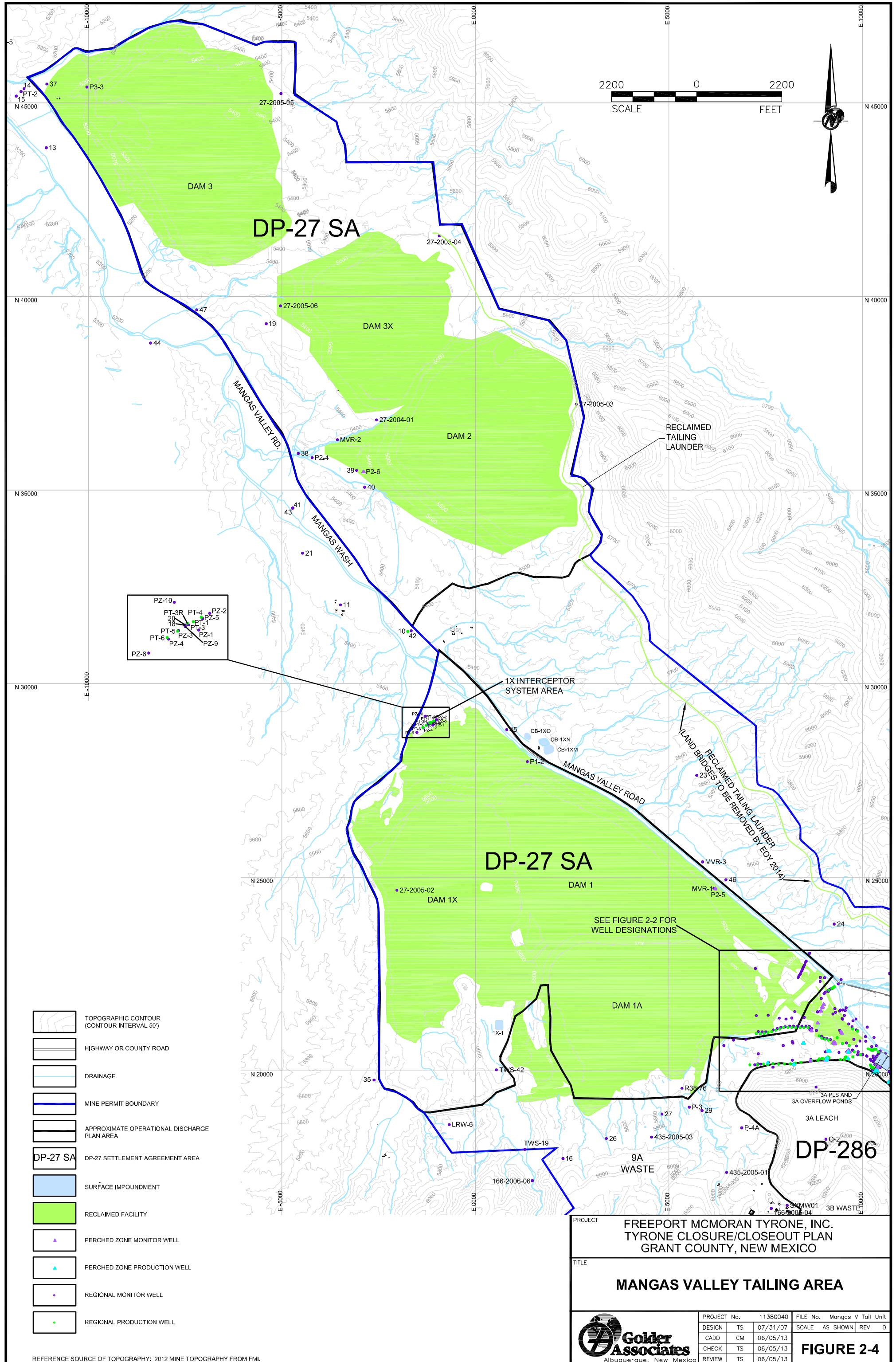
PROJECT	FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO		
TITLE	MINING AREA		
	PROJECT No.	11380040	FILE No. 2-2 Mine_Stkpl AREA
	DESIGN	TS	07/09/07
	CADD	CM	06/06/13
	CHECK	TS	06/06/13
REVIEW	TS	06/06/13	SCALE AS SHOWN REV. 0
			FIGURE 2-2

Drawing file: 2-2 Mine_Stkpl Unit Area.dwg Jul 09, 2013 2:20pm



Drawing file: 2-3 East Mine Stkpl Unit Area.dwg Jul 09, 2013 - 2:21pm

PROJECT		FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO	
TITLE		EAST MINE AREA	
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No. East Mine_Stkpl Unit
	DESIGN	TS	07/09/07
	CADD	CM	06/05/13
	CHECK	TS	06/05/13
REVIEW	TS	06/05/13	SCALE AS SHOWN REV. 0
			FIGURE 2-3



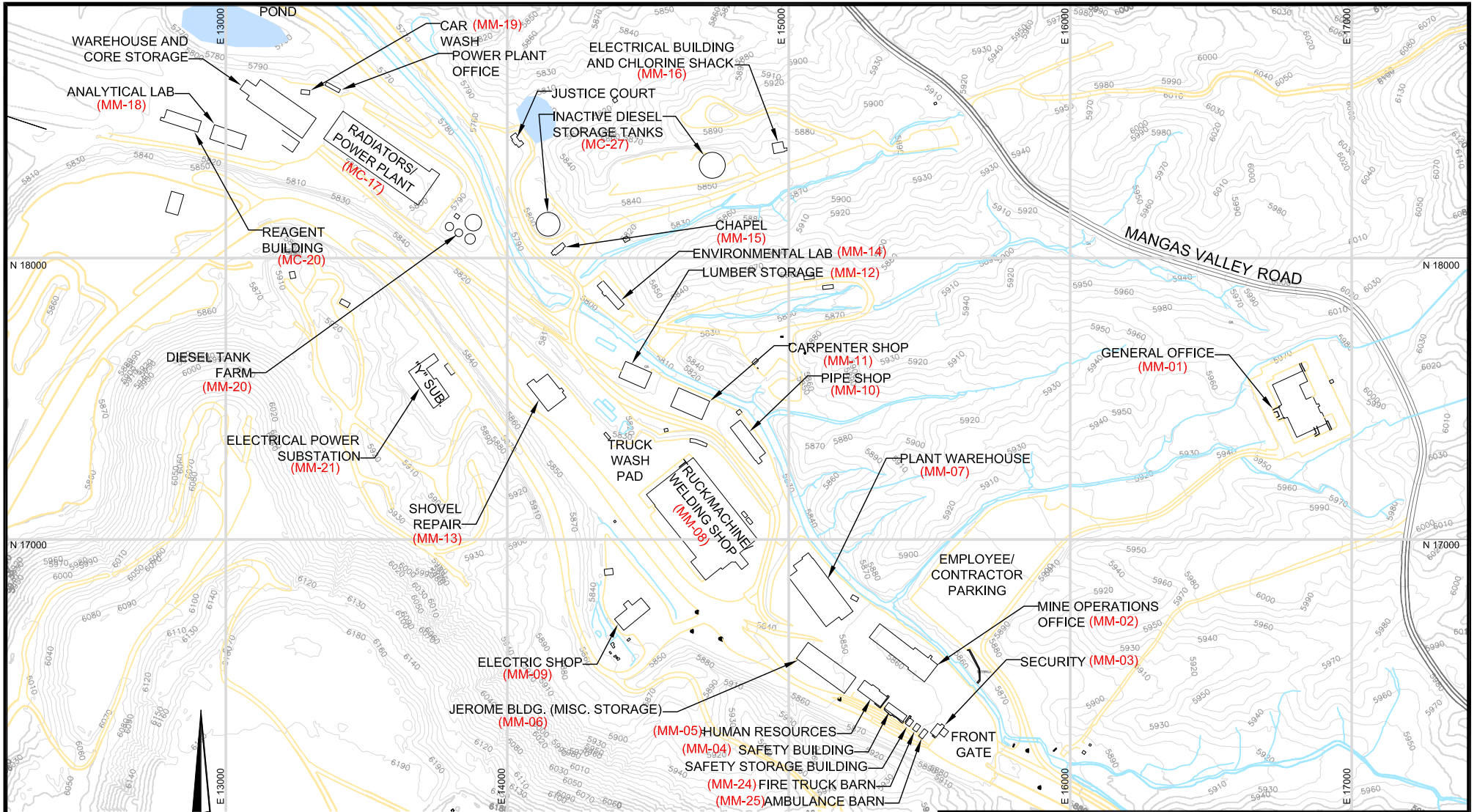
Legend for well types:


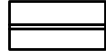




- PZ-10
- PT-3R
- PT-4
- PZ-2
- PT-5
- PT-6
- PZ-3
- PZ-1
- PZ-4
- PZ-9
- PZ-6

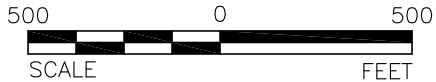
- TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL 50')
- HIGHWAY OR COUNTY ROAD
- DRAINAGE
- MINE PERMIT BOUNDARY
- APPROXIMATE OPERATIONAL DISCHARGE PLAN AREA
- DP-27 SETTLEMENT AGREEMENT AREA
- SURFACE IMPOUNDMENT
- RECLAIMED FACILITY
- PERCHED ZONE MONITOR WELL
- PERCHED ZONE PRODUCTION WELL
- REGIONAL MONITOR WELL
- REGIONAL PRODUCTION WELL

PROJECT	FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO		
TITLE	MANGAS VALLEY TAILING AREA		
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No. Mangas V Tail Unit
	DESIGN	TS	07/31/07
	CADD	CM	06/05/13
	CHECK	TS	06/05/13
REVIEW	TS	06/05/13	SCALE AS SHOWN
			REV. 0
			FIGURE 2-4


REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FMI.



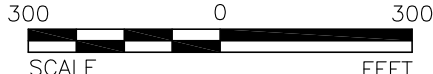
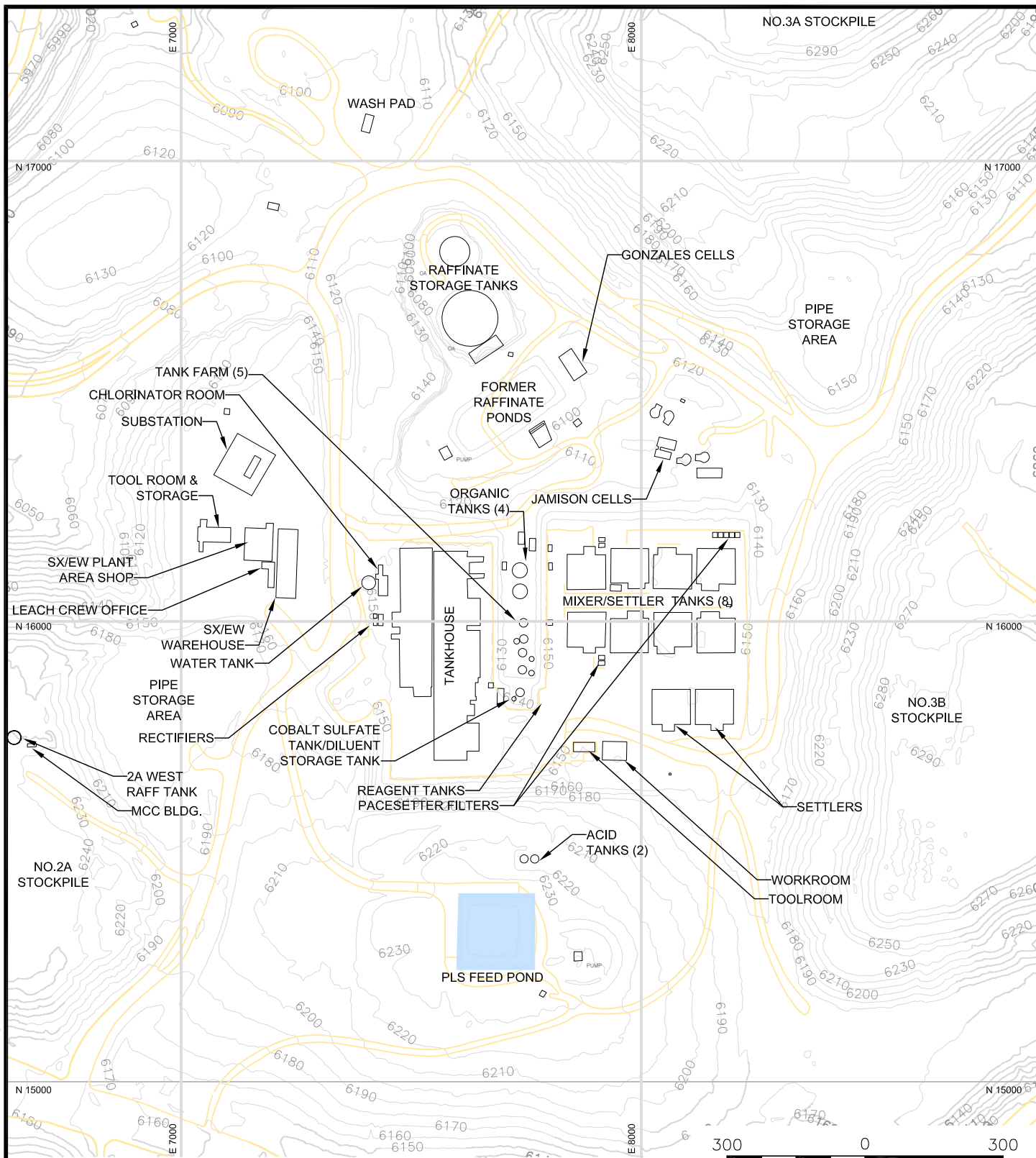
-  TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL 10')
-  HIGHWAY OR COUNTY ROAD
-  UNIMPROVED ROAD
-  DRAINAGE
-  BUILDING TAG NUMBER
-  SURFACE IMPOUNDMENT






REFERENCE SOURCE OF TOPOGRAPHY:
2012 MINE TOPOGRAPHY FROM FMI.

PROJECT			
FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO			
TITLE			
MAIN MINE FACILITIES AREA			
			
PROJECT No.	11380040	FILE No.	2-6 Mine Facilities
DESIGN	TS 07/09/07	SCALE	AS SHOWN
CADD	CM 06/05/13	REV.	0
CHECK	TS 06/05/13	FIGURE 2-5	
REVIEW	TS 06/05/13		

Drawing file: 2-6 SXEW PLANT.dwg Jul 09, 2013 - 2:26pm




-  TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL 10')
-  UNIMPROVED ROAD
-  SURFACE IMPOUNDMENT

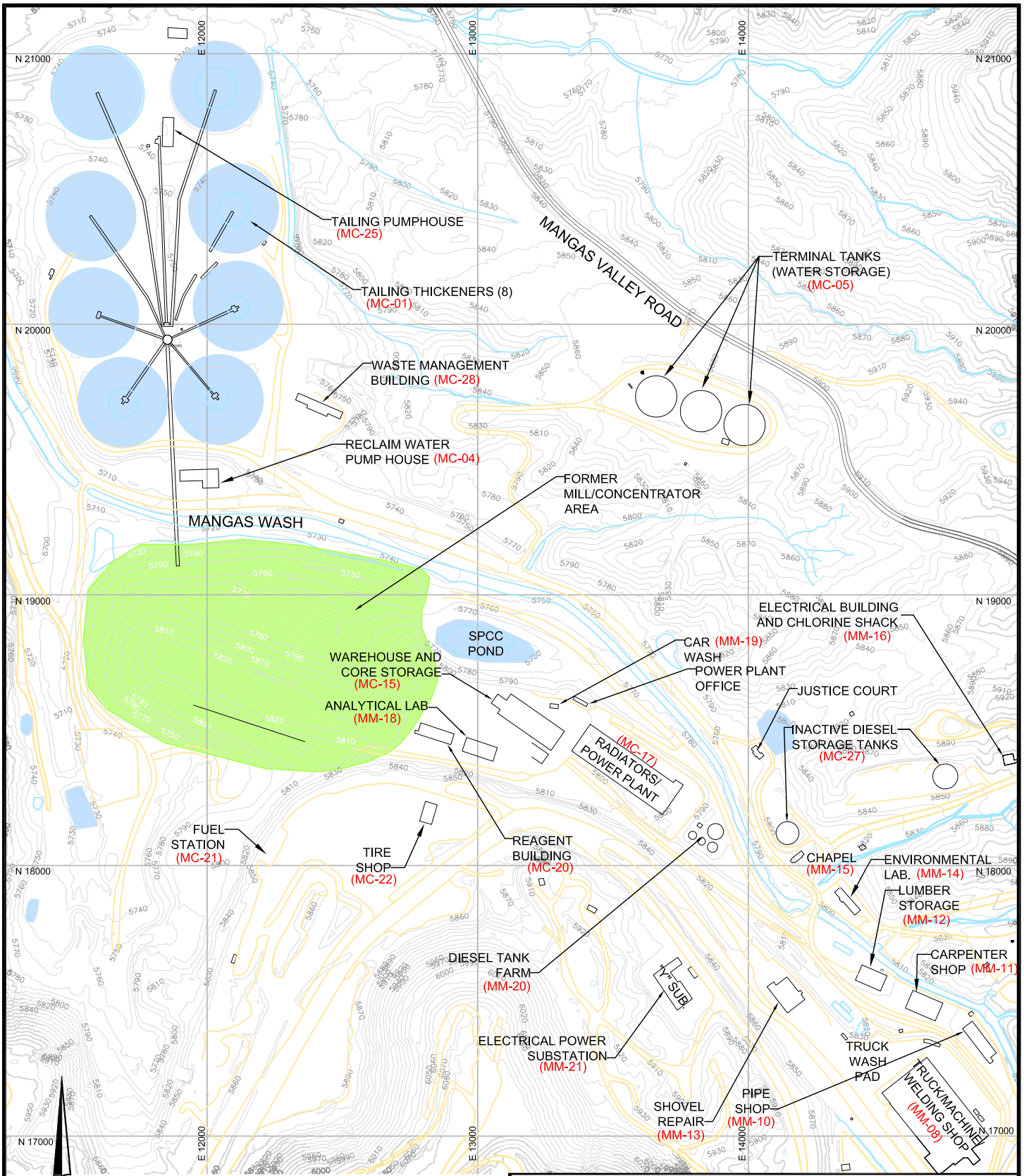


REFERENCE SOURCE OF TOPOGRAPHY:
2012 MINE TOPOGRAPHY FROM FMI.

PROJECT
**FREEPORT MCMORAN TYRONE, INC.
TYRONE CLOSURE/CLOSEOUT PLAN
GRANT COUNTY, NEW MEXICO**

TITLE
SX/EW PLANT AREA

 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No.	2-7 SXEW PLANT	
	DESIGN	TS	07/09/07	SCALE	AS SHOWN
	CADD	CM	06/05/13	REV.	0
	CHECK	TS	06/05/13	FIGURE 2-6	
REVIEW	TS	06/05/13			



	TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL 10')		BUILDING TAG NUMBER
	UNIMPROVED ROAD		RECLAIMED FACILITIES
	PAVED ROAD		SURFACE IMPOUNDMENT
	DRAINAGE		

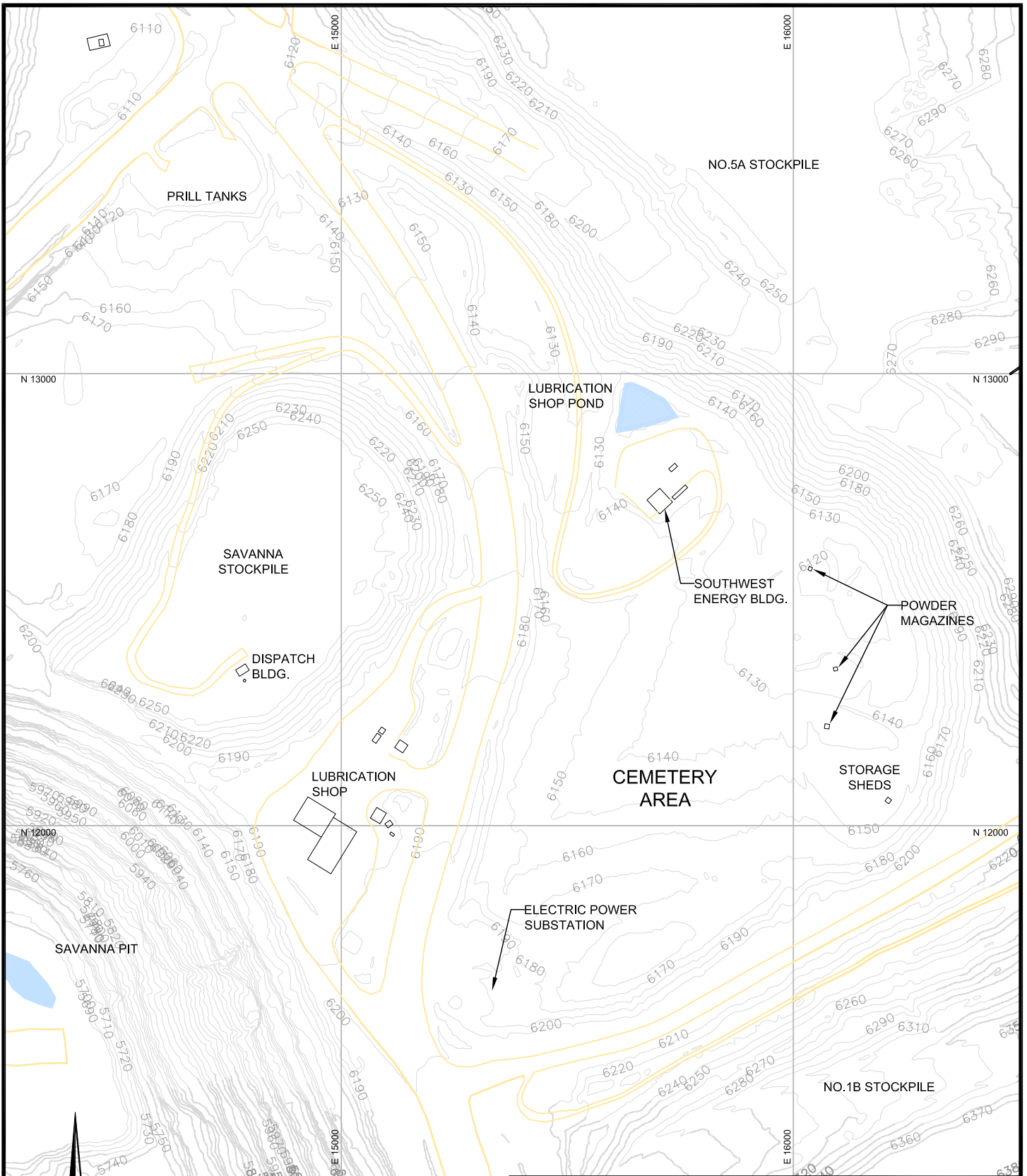
REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FMI.




500 0 500
SCALE FEET

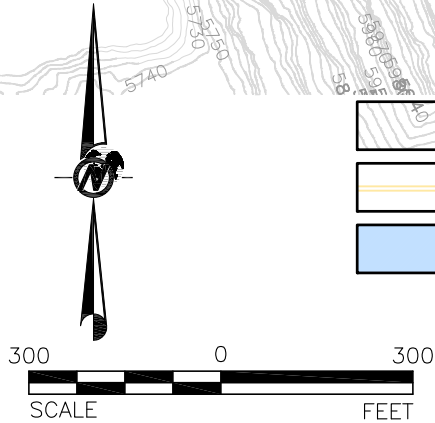
PROJECT	FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO		
TITLE	FORMER MILL AND CONCENTRATOR WITHIN THE MAIN MINE FACILITIES AREA		
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No. 2-8 Mill Concentrator
	DESIGN	TS 07/09/07	SCALE AS SHOWN REV. 0
	CADD	CM 06/05/13	
	CHECK	TS 06/05/13	
REVIEW	TS 06/05/13		

FIGURE 2-7

Drawing file: 2-8 Lubrication Shop.dwg Jul 09, 2013 - 2:31pm



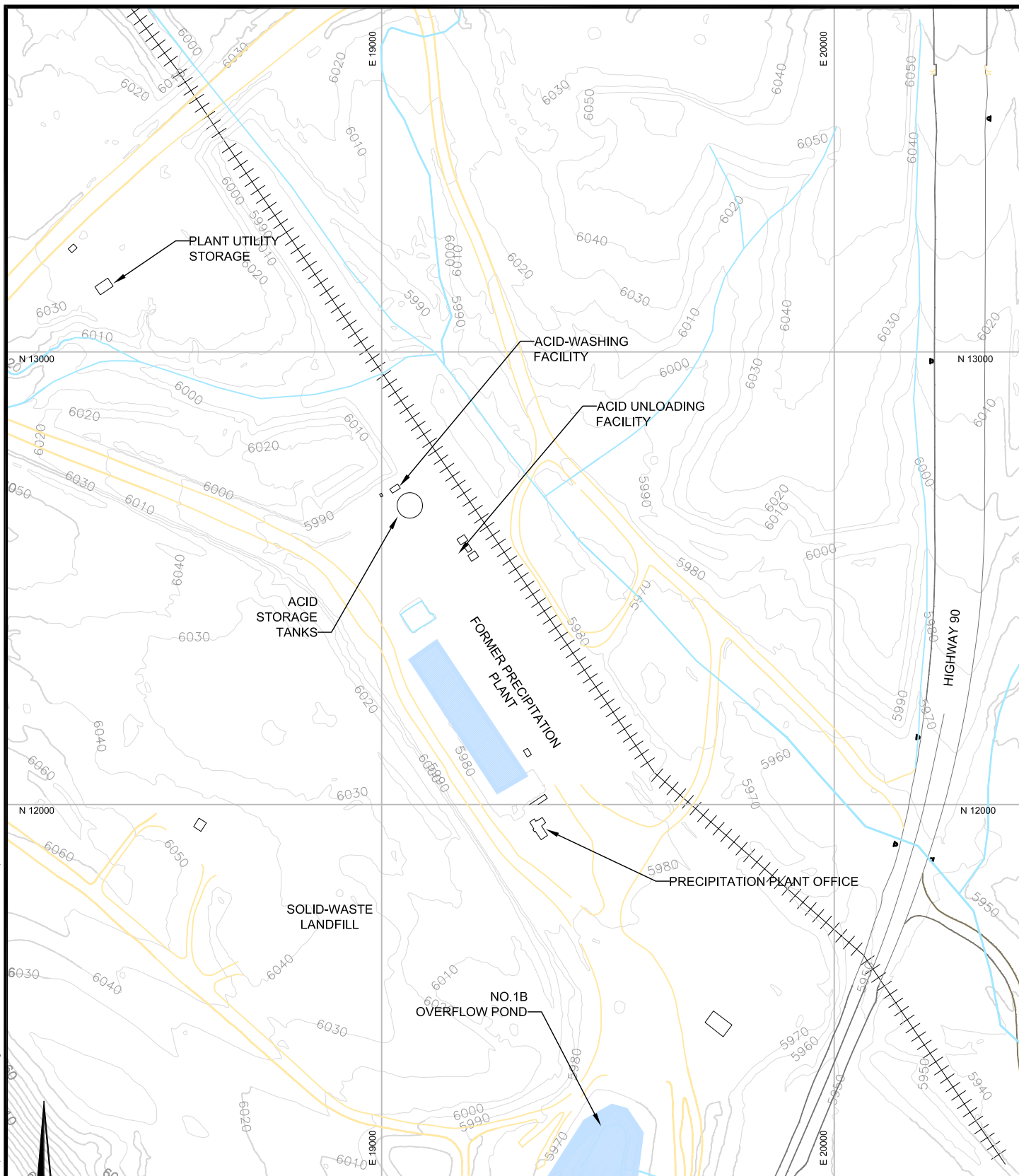
-  TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL 10')
-  UNIMPROVED ROAD
-  SURFACE IMPOUNDMENT






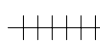


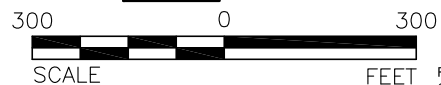
REFERENCE SOURCE OF TOPOGRAPHY:
2012 MINE TOPOGRAPHY FROM FMI.

PROJECT	FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO		
TITLE	LUBRICATION SHOP AREA		
	PROJECT No.	11380040	FILE No. Lubrication Shop
	DESIGN	TS 07/09/07	SCALE AS SHOWN REV. 0
	CADD	CM 06/05/13	
	CHECK	TS 06/05/13	
REVIEW	TS 06/05/13		FIGURE 2-8

Drawing file: 2-9 Acid-Unloading_Precipitation Plant.dwg Jul 09, 2013 - 2:33pm




-  TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL 10')
-  HIGHWAY OR COUNTY ROAD
-  UNIMPROVED ROAD
-  DRAINAGE
-  SURFACE IMPOUNDMENT
-  RAILROAD TRACKS



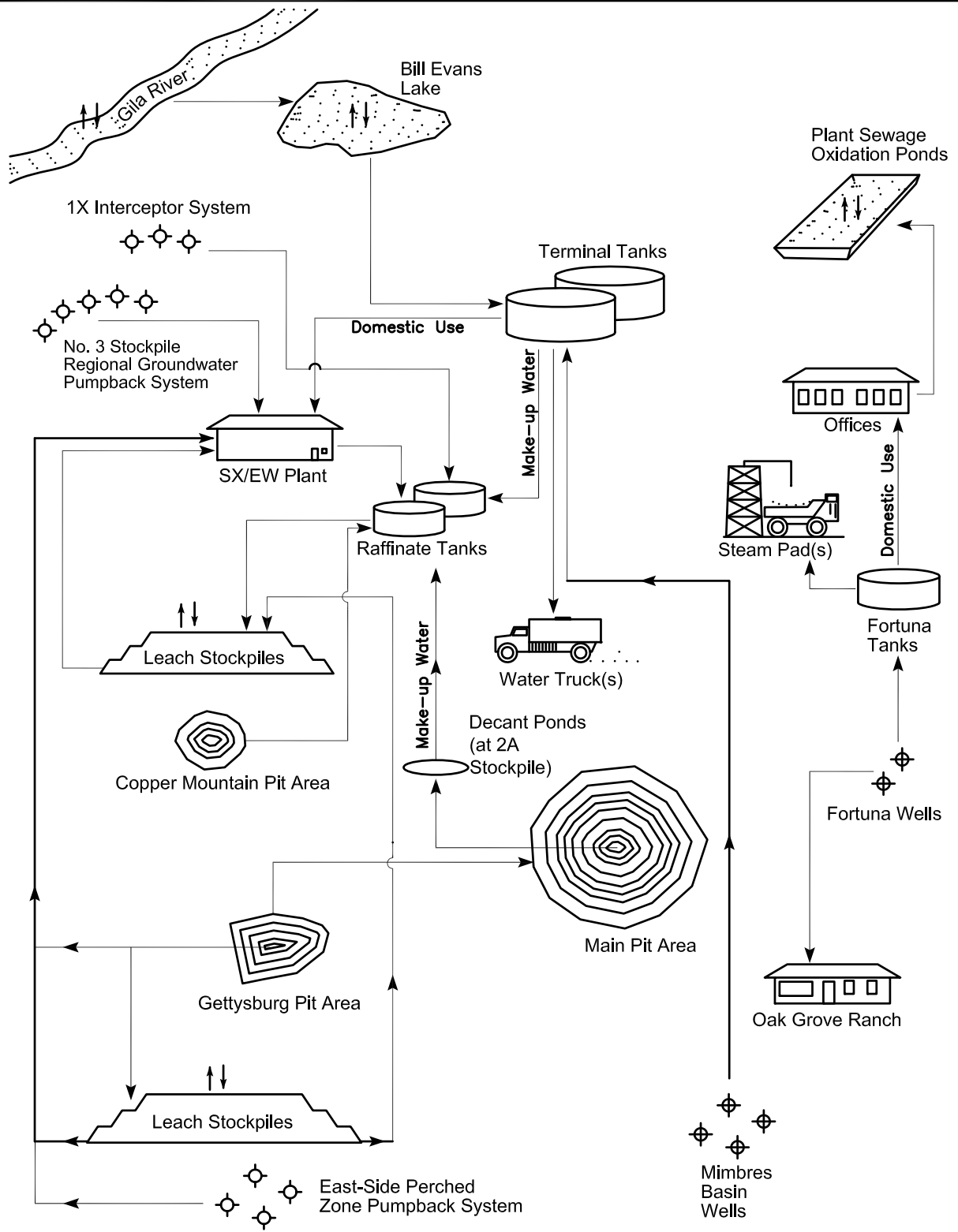
REFERENCE SOURCE OF TOPOGRAPHY:
2012 MINE TOPOGRAPHY FROM FMI.




PROJECT
**FREEPORT MCMORAN TYRONE, INC.
TYRONE CLOSURE/CLOSEOUT PLAN
GRANT COUNTY, NEW MEXICO**


TITLE
**ACID-UNLOADING FACILITY AREA AND
FORMER PRECIPITATION PLANT**

	PROJECT No.	11380040	FILE No.	Acid-Unloading_Precip	
	DESIGN	TS	07/09/07	SCALE	AS SHOWN
	CADD	CM	06/05/13	REV.	0
	CHECK	TS	06/05/13	FIGURE 2-9	
REVIEW	TS	06/05/13			

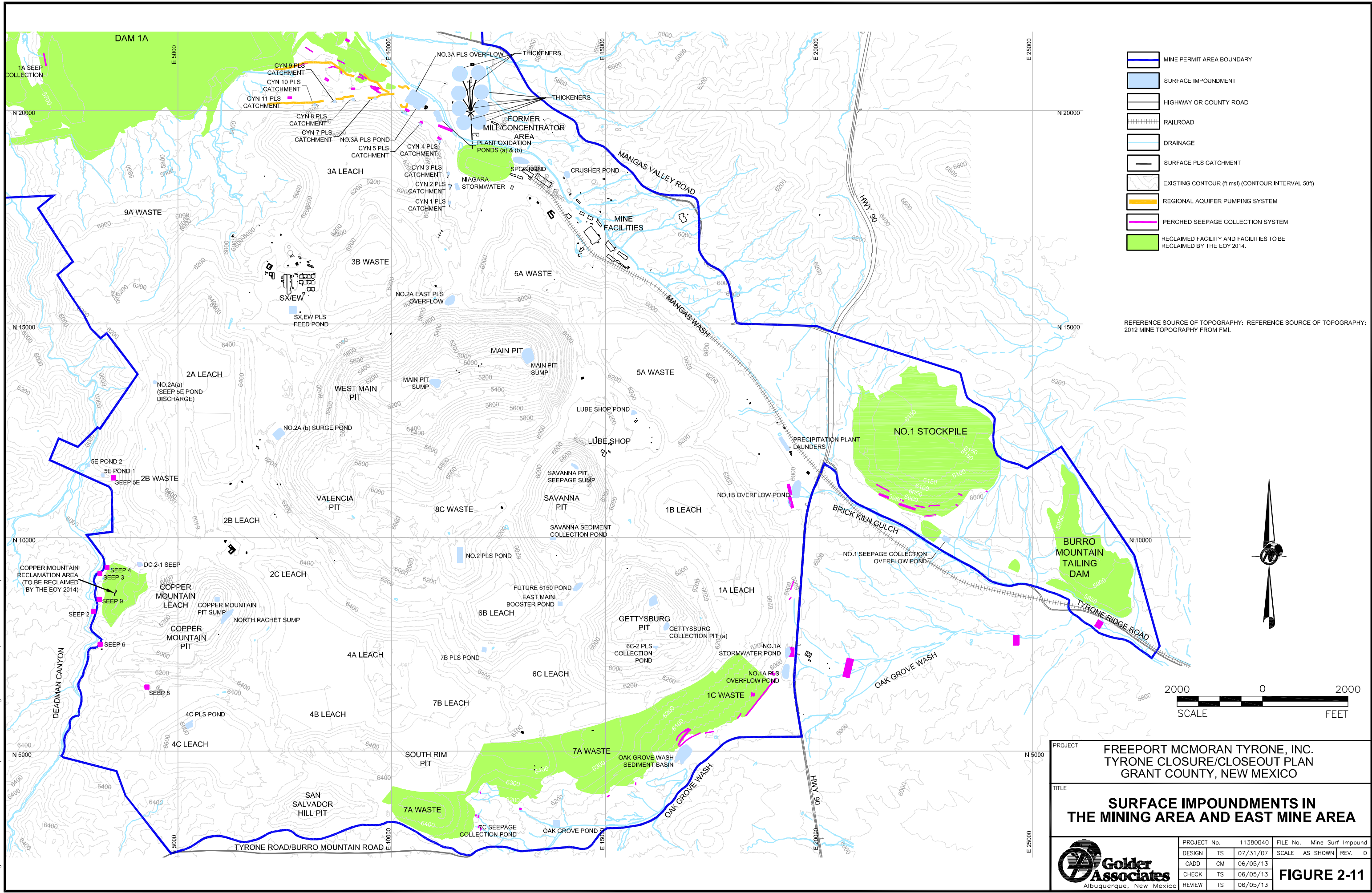
Drawing file: 2-10 Water Management.dwg Jul 09, 2013 - 2:34pm



-  Evaporation/Precipitation
-  Groundwater Supply Well
-  Groundwater Extraction Well

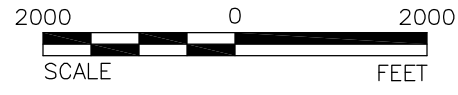
PROJECT		FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO					
TITLE		CURRENT WATER MANAGEMENT SCHEMATIC					
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No.	Water Management			
	DESIGN	TS	07/09/07	SCALE	AS SHOWN	REV.	0
	CADD	CM	04/01/13				
	CHECK	TS	04/01/13				
	REVIEW	TS	04/01/13				
				FIGURE 2-10			

Drawing file: 2-11 Mine Surf Impoundments.dwg Jul 09, 2013 - 2:35pm



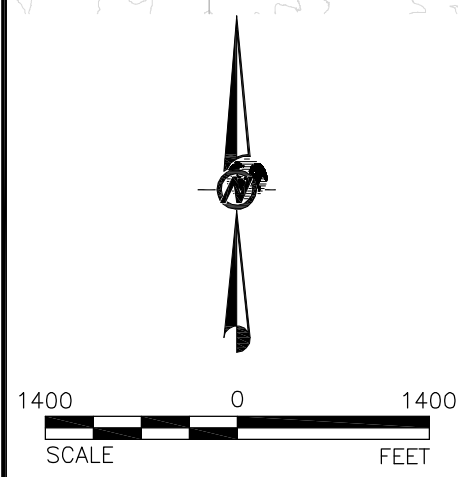
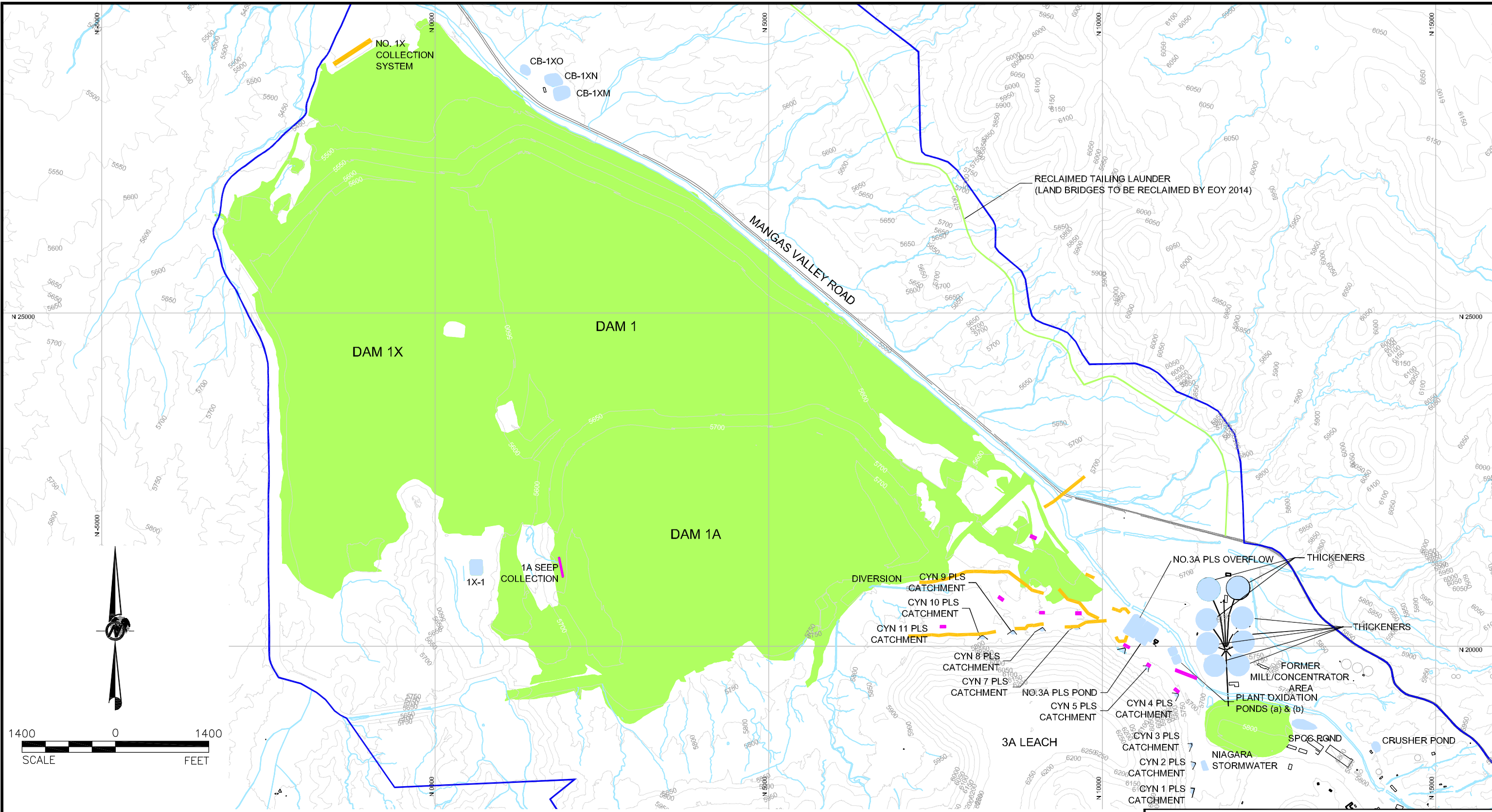
- MINE PERMIT AREA BOUNDARY
- SURFACE IMPOUNDMENT
- HIGHWAY OR COUNTY ROAD
- RAILROAD
- DRAINAGE
- SURFACE PLS CATCHMENT
- EXISTING CONTOUR (ft msl) (CONTOUR INTERVAL 50ft)
- REGIONAL AQUIFER PUMPING SYSTEM
- PERCHED SEEPAGE COLLECTION SYSTEM
- RECLAIMED FACILITY AND FACILITIES TO BE RECLAIMED BY THE EOY 2014.

REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FMI.



PROJECT		FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO	
TITLE		SURFACE IMPOUNDMENTS IN THE MINING AREA AND EAST MINE AREA	
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No. Mine Surf Impound
	DESIGN	TS	07/31/07
	CADD	CM	06/05/13
	CHECK	TS	06/05/13
REVIEW	TS	06/05/13	SCALE AS SHOWN REV. 0
			FIGURE 2-11

Drawing file: 2-12 S-MV Surf Impoundments.dwg Jul 09, 2013 - 2:36pm

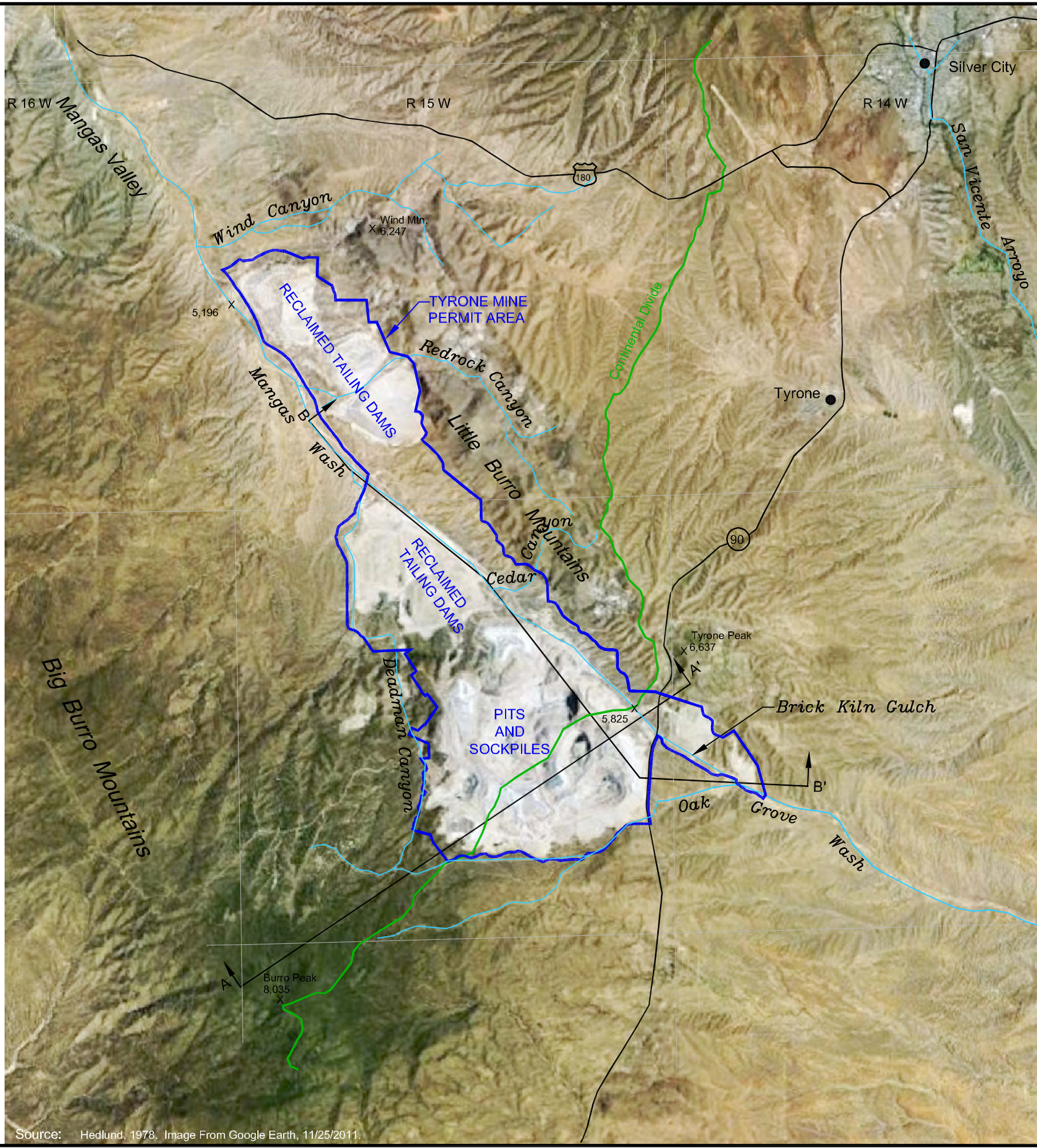


- MINE PERMIT AREA BOUNDARY
- SURFACE IMPOUNDMENT
- HIGHWAY OR COUNTY ROAD
- UNIMPROVED ROADS
- RECLAIMED FACILITY
- SURFACE PLS CATCHMENT
- DRAINAGE
- EXISTING CONTOUR (ft msl) (CONTOUR INTERVAL 50ft)
- REGIONAL AQUIFER PUMPING SYSTEM
- PERCHED SEEPAGE COLLECTION SYSTEM

REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FML

PROJECT					
FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO					
TITLE					
SURFACE IMPOUNDMENTS IN THE SOUTHERN PORTION OF MANGAS VALLEY					
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No.	S-MV Surf Impound	
	DESIGN	TS	07/31/07	SCALE	AS SHOWN
	CADD	CM	06/05/13	REV.	0
	CHECK	TS	06/05/13	FIGURE 2-12	
REVIEW	TS	06/05/13			

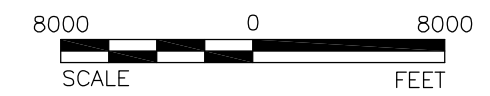
Drawing file: 2-13 Regional Physiographic-Loes.dwg Jul 09, 2013 - 2:37pm



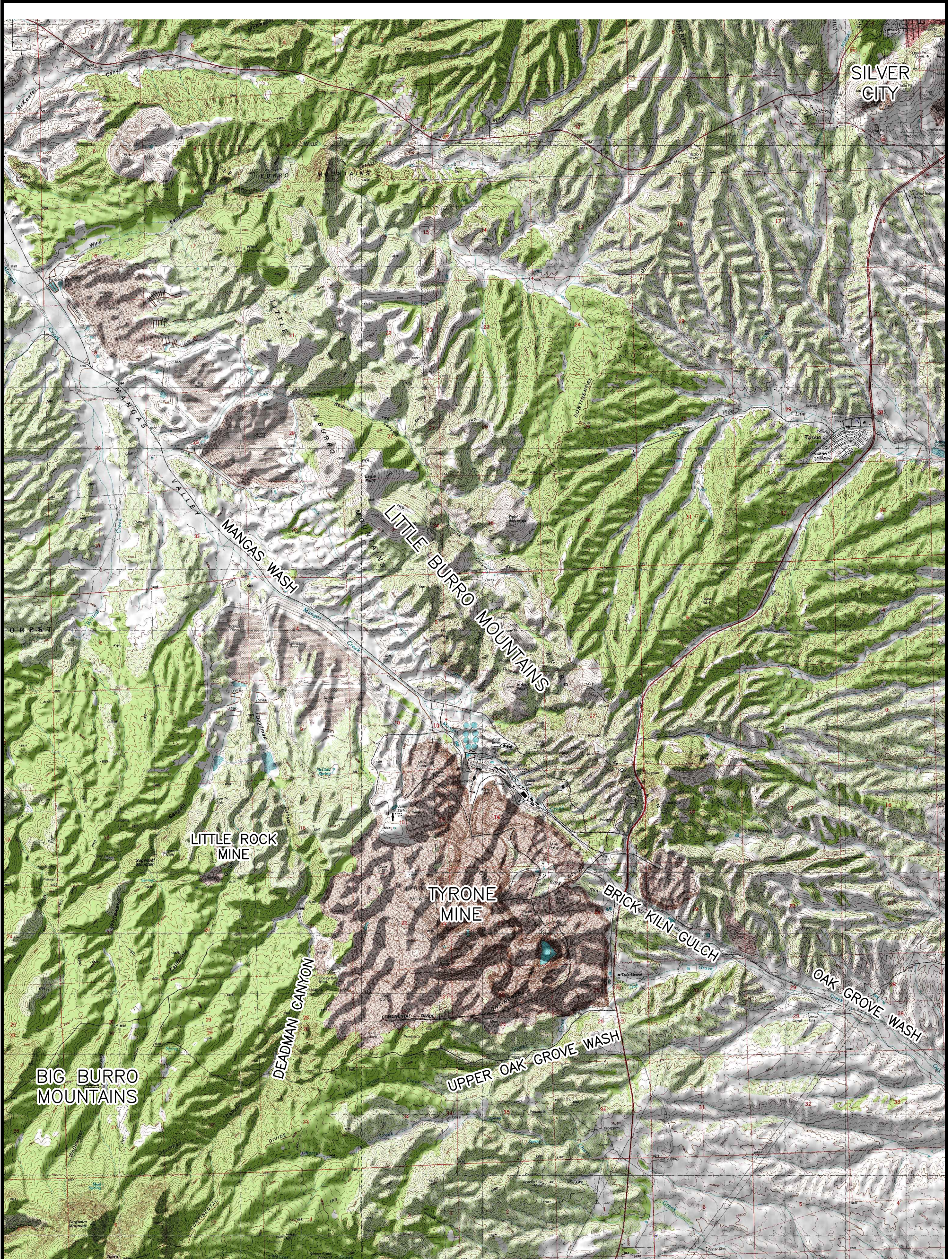
Source: Hedlund, 1978. Image From Google Earth, 11/25/2011.

- CROSS SECTION LOCATIONS
- MINE PERMIT AREA
- NATURAL DRAINAGE
- CONTINENTAL DIVIDE
- ELEVATION (FEET ABOVE MEAN SEA LEVEL)

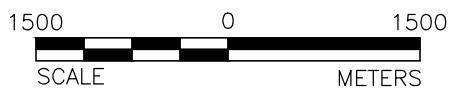
NOTE: CROSS SECTION DETAILS SHOWN ON FIGURE 2-16.




PROJECT		FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO			
TITLE		REGIONAL PHYSIOGRAPHIC FEATURES AND CROSS SECTION LOCATIONS			
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No	Regional Physiographic	
	DESIGN	TS	07/31/07	SCALE	AS SHOWN
	CADD	CM	06/05/13	REV.	0
	CHECK	TS	06/05/13	FIGURE 2-13	
	REVIEW	TS	06/05/13		

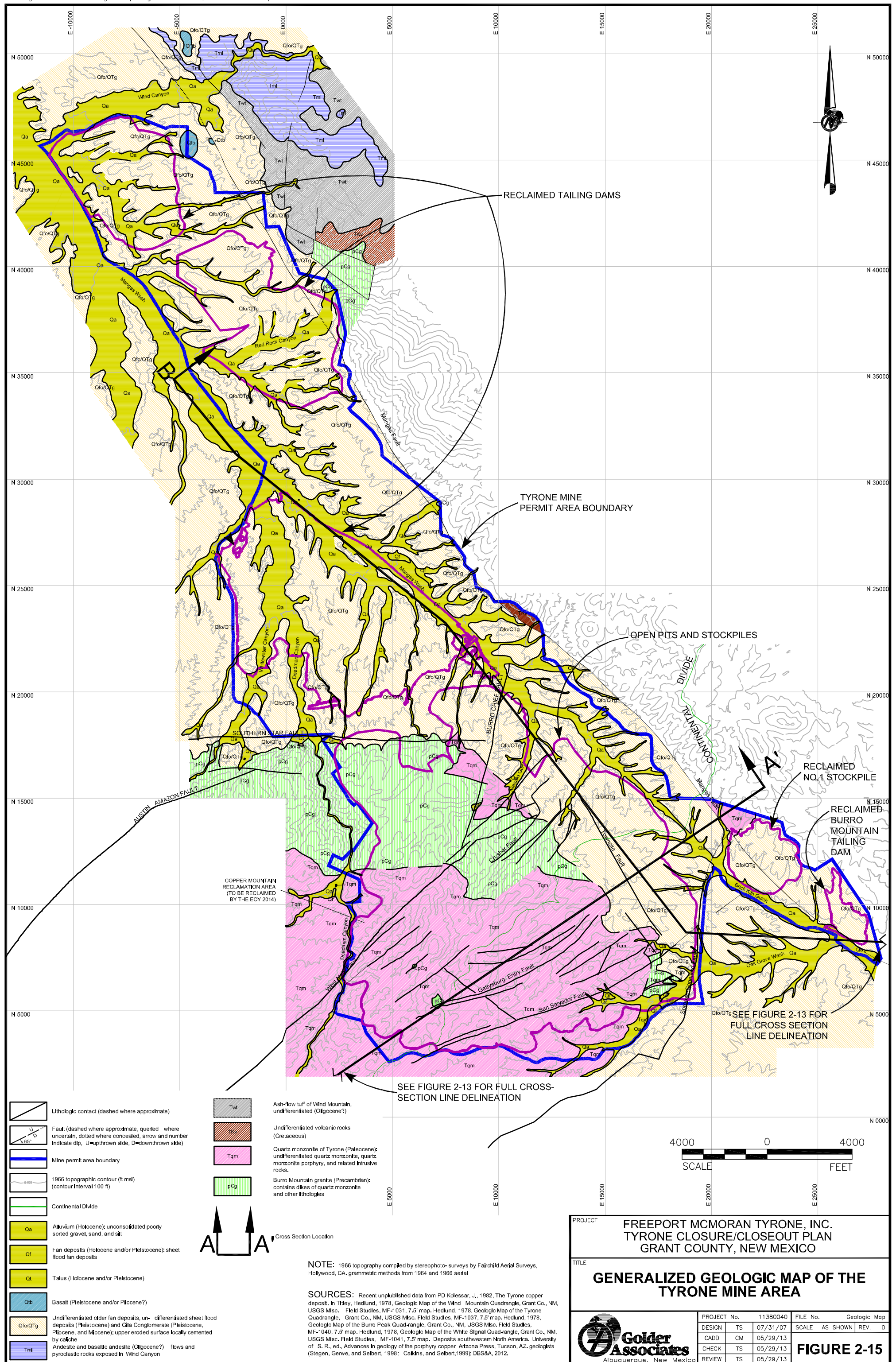


NOTE: TOPOGRAPHIC MAP DETAILS WERE DEVELOPED BETWEEN 1992 AND 1999. SPECIFIC MINE FEATURES MAY VARY FROM THOSE SHOWN ON THIS MAP. FOR SPECIFIC MINE TOPOGRAPHY AND PHYSICAL FEATURES, REFER TO PLATES 1 THROUGH 3 OF THIS CCP.

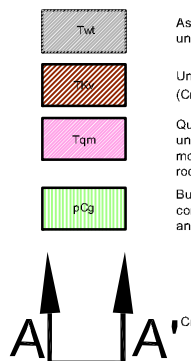


Source: ALL TOPO MAPS V7 PROFESSIONAL MAP REFERENCE SET, NEW MEXICO RELEASE 3. INCLUDES QUADS: CIRCLE MESA, SILVER CITY, TYRONE, WIND MOUNTAIN, WHITE SIGNAL AND BURRO PEAK.

PROJECT	FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO				
TITLE	REGIONAL TOPOGRAPHIC MAP				
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No	Tyrone Area Topo Map	
	DESIGN	TS	07/31/07	SCALE	AS SHOWN
	CADD	CM	04/05/13	REV.	0
	CHECK	TS	04/05/13	FIGURE 2-14	
REVIEW	TS	04/05/13			



- Lithologic contact (dashed where approximate)
- Fault (dashed where approximate, queried where uncertain, dotted where concealed, arrow and number indicate dip, U=upthrown side, D=downthrown side)
- Mine permit area boundary
- 1966 topographic contour (ft msl) (contour interval 100 ft)
- Continental Divide
- Alluvium (Holocene); unconsolidated poorly sorted gravel, sand, and silt
- Fan deposits (Holocene and/or Pleistocene); sheet flood fan deposits
- Talus (Holocene and/or Pleistocene)
- Basalt (Pleistocene and/or Pliocene?)
- Undifferentiated older fan deposits, undifferentiated sheet flood deposits (Pleistocene) and Qta Conglomerate (Pleistocene, Pliocene, and Miocene); upper eroded surface locally cemented by caliche
- Andesite and basaltic andesite (Oligocene?) flows and pyroclastic rocks exposed in Wind Canyon

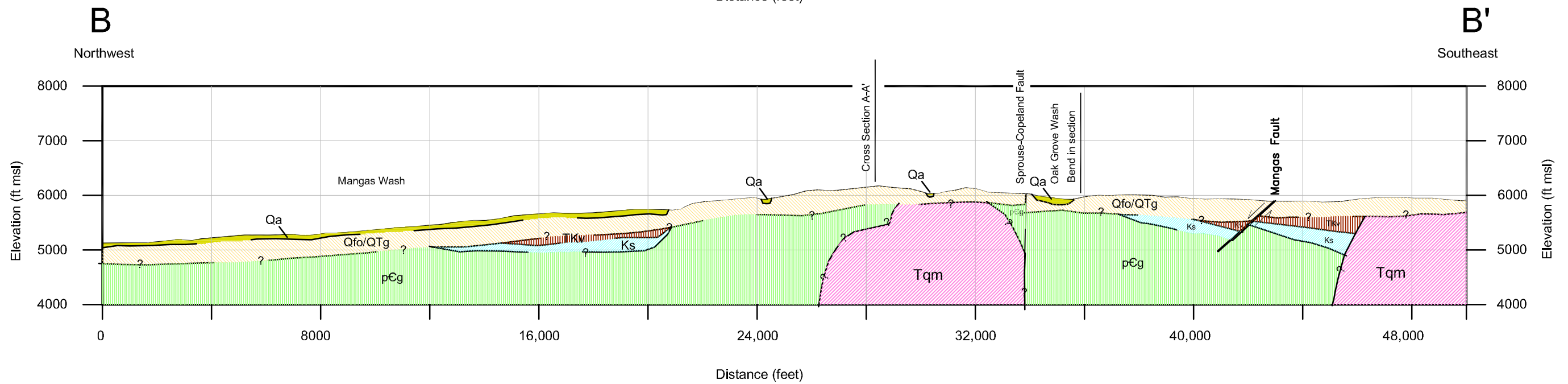
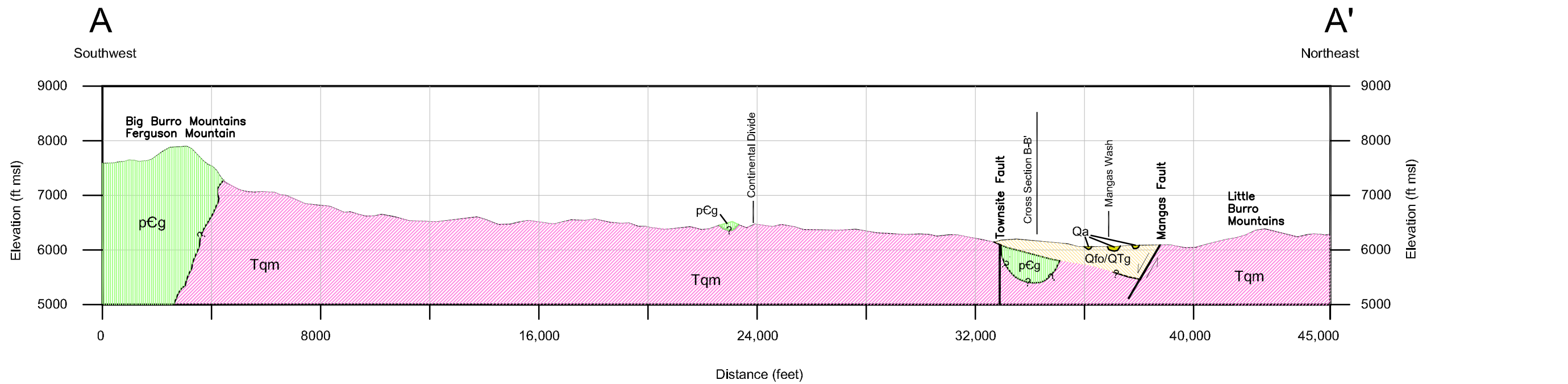


- Ash-flow tuff of Wind Mountain, undifferentiated (Oligocene?)
- Undifferentiated volcanic rocks (Cretaceous)
- Quartz monzonite of Tyrone (Paleocene); undifferentiated quartz monzonite, quartz monzonite porphyry, and related intrusive rocks.
- Burro Mountain granite (Precambrian); contains dikes of quartz monzonite and other lithologies

NOTE: 1966 topography compiled by stereophoto-surveys by Fairchild Aerial Surveys, Hollywood, CA, graphic methods from 1964 and 1966 aerial

SOURCES: Recent unpublished data from PD Kessler, J., 1982, The Tyrone copper deposit. In Titley, Hedlund, 1978, Geologic Map of the Wind Mountain Quadrangle, Grant Co., NM, USGS Misc. Field Studies, MF-1031, 7.5' map. Hedlund, 1978, Geologic Map of the Tyrone Quadrangle, Grant Co., NM, USGS Misc. Field Studies, MF-1037, 7.5' map. Hedlund, 1978, Geologic Map of the Burro Peak Quadrangle, Grant Co., NM, USGS Misc. Field Studies, MF-1040, 7.5' map. Hedlund, 1978, Geologic Map of the White Signal Quadrangle, Grant Co., NM, USGS Misc. Field Studies, MF-1041, 7.5' map. Deposits southwestern North America. University of S. R., ed., Advances in geology of the porphyry copper Arizona Press, Tucson, AZ, geologists (Stegen, Gerwe, and Seibert, 1998; Calkins, and Seibert, 1999); DBS&A, 2012.

PROJECT			
FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO			
TITLE			
GENERALIZED GEOLOGIC MAP OF THE TYRONE MINE AREA			
	PROJECT No.	11380040	FILE No. Geologic Map
	DESIGN	TS 07/31/07	SCALE AS SHOWN REV. 0
	CADD	CM 05/29/13	
	CHECK	TS 05/29/13	
	REVIEW	TS 05/29/13	
FIGURE 2-15			



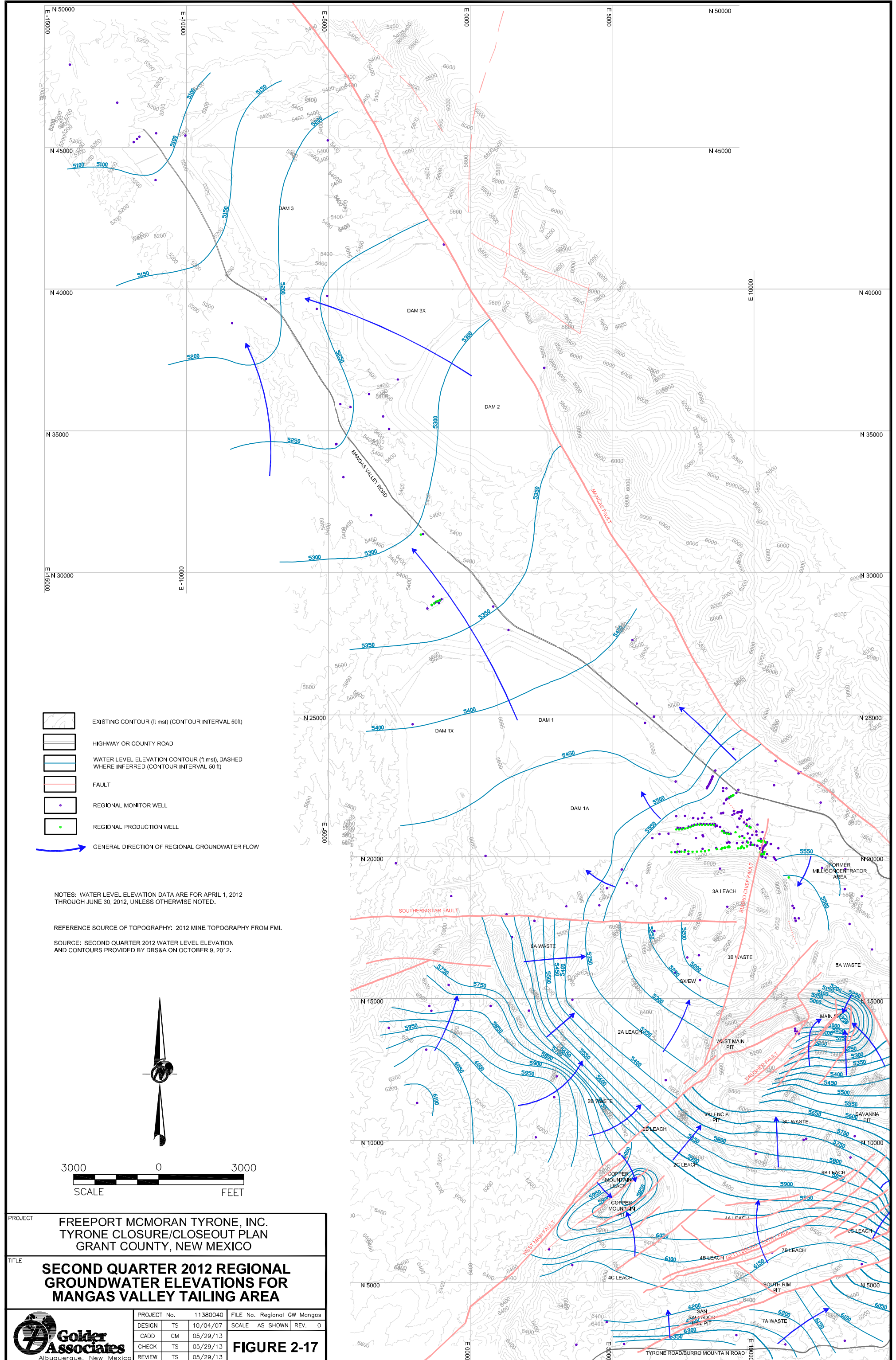
- Qa** QUATERNARY ALLUVIUM
- Qfo/QTg** QUATERNARY OLDER FAN DEPOSITS AND SHEET FLOOD DEPOSITS/TERTIARY/QUATERNARY GILA CONGLOMERATE; UNDIVIDED
- Tqm** TERTIARY QUARTZ MONZONITE OF TYRONE (QUARTZ MONZONITE AND QUARTZ MONZONITE PORPHYRY); UNDIVIDED
- TKv** CRETACEOUS/TERTIARY VOLCANIC ROCKS; UNDIVIDED
- Ks** CRETACEOUS SEDIMENTARY ROCKS (INCLUDES BEARTOOTH QUARTZITE AND COLORADO FORMATION); UNDIVIDED
- pCg** PRECAMBRIAN BURRO MOUNTAIN GRANITE
- FAULT (DASHED WHERE APPROXIMATE, QUERIED WHERE UNCERTAIN) (ARROWS INDICATE DIRECTION OF MOVEMENT)
- LITHOLOGIC CONTACT (DASHED WHERE APPROXIMATE, QUERIED WHERE UNCERTAIN)

NOTE: CROSS SECTION LINES SHOWN ON FIGURE 2-13.

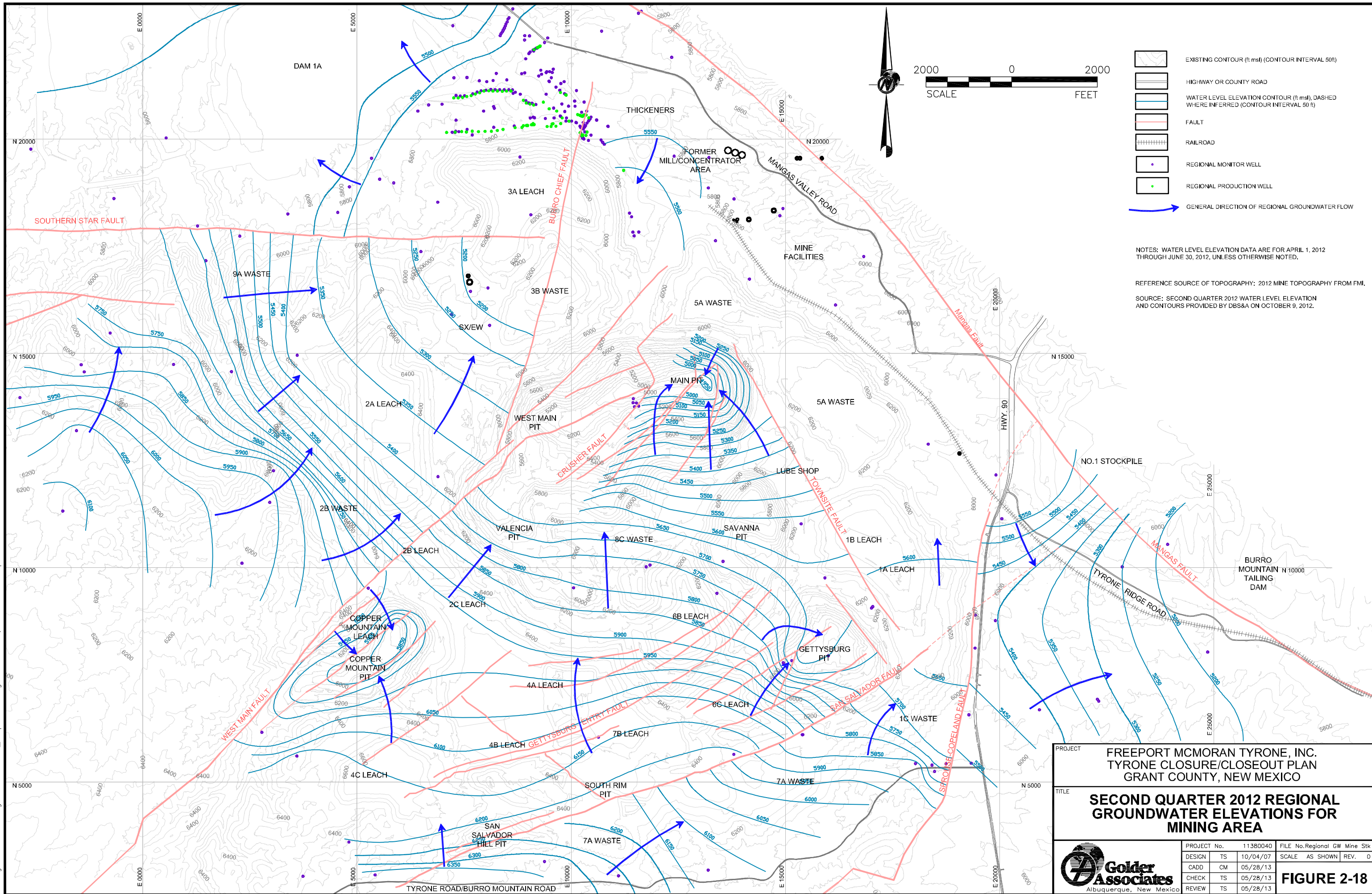
Horizontal scale 1"=4000'
Vertical scale 1"=2000'
(2x vertical exaggeration)

PROJECT		FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO	
TITLE		IDEALIZED REGIONAL GEOLOGIC CROSS SECTIONS A-A' AND B-B'	
PROJECT No.	11380040	FILE No.	Regional Geologic CS
DESIGN	TS 07/31/07	SCALE	AS SHOWN REV. 0
CADD	CM 04/05/13	FIGURE 2-16	
CHECK	TS 04/05/13		
REVIEW	TS 04/05/13		





Drawing file: 2-18 Regional GW Mine_Stkpl Area.dwg Jul 09, 2013 - 2:43pm



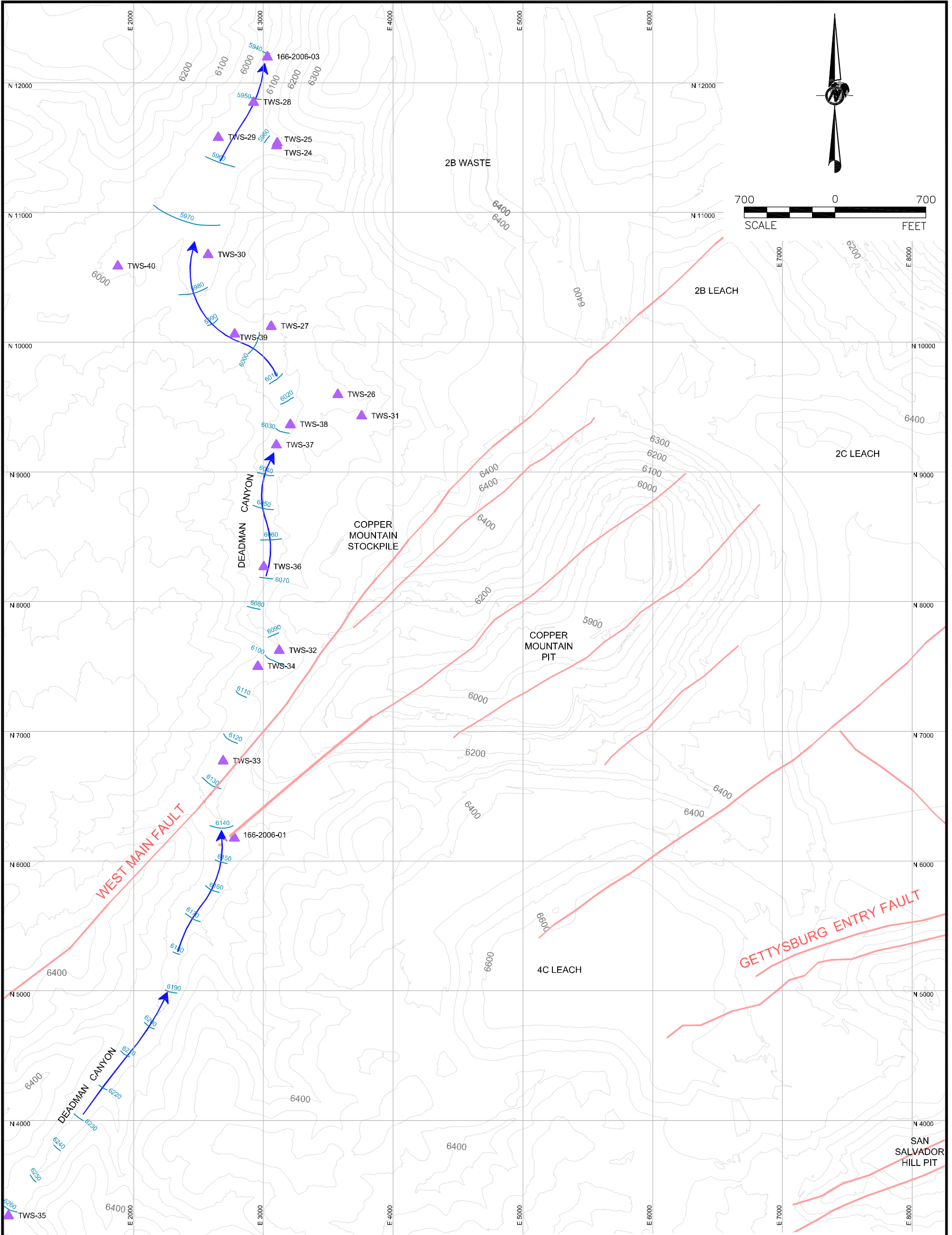
- EXISTING CONTOUR (ft msl) (CONTOUR INTERVAL 50ft)
- WATER LEVEL ELEVATION CONTOUR (ft msl), DASHED WHERE INFERRED (CONTOUR INTERVAL 50 ft)
- FAULT
- RAILROAD
- REGIONAL MONITOR WELL
- REGIONAL PRODUCTION WELL
- GENERAL DIRECTION OF REGIONAL GROUNDWATER FLOW







NOTES: WATER LEVEL ELEVATION DATA ARE FOR APRIL 1, 2012 THROUGH JUNE 30, 2012, UNLESS OTHERWISE NOTED.

REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FMI.

SOURCE: SECOND QUARTER 2012 WATER LEVEL ELEVATION AND CONTOURS PROVIDED BY DBS&A ON OCTOBER 9, 2012.


PROJECT	FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO		
TITLE	SECOND QUARTER 2012 REGIONAL GROUNDWATER ELEVATIONS FOR MINING AREA		
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No. Regional GW Mine Stk
	DESIGN	TS	10/04/07
	CADD	CM	05/28/13
	CHECK	TS	05/28/13
REVIEW	TS	05/28/13	FIGURE 2-18



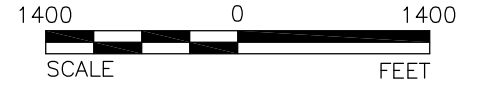
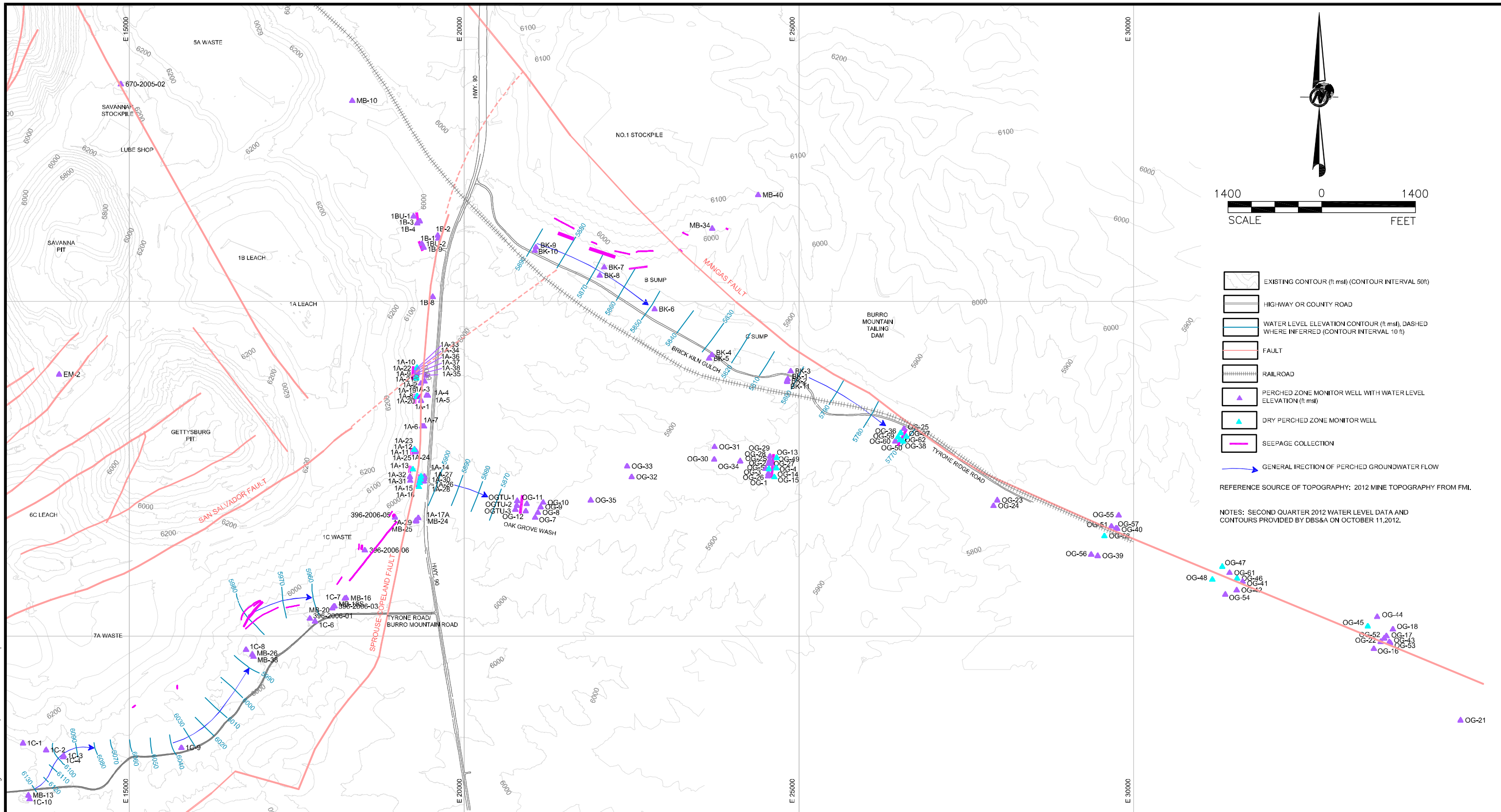
-  EXISTING CONTOUR (ft. msl) (CONTOUR INTERVAL 50ft)
-  WATER LEVEL ELEVATION CONTOUR (ft. msl), DASHED WHERE INFERRED (CONTOUR INTERVAL 10 ft)
-  FAULT
-  GENERAL DIRECTION OF PERCHED GROUNDWATER FLOW
-  PERCHED ZONE MONITOR WELL WITH WATER LEVEL ELEVATION (ft. msl)
-  DRY PERCHED ZONE MONITOR WELL

REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FMI.

NOTES: SECOND QUARTER 2012 WATER LEVEL DATA AND CONTOURS PROVIDED BY DBS&A ON OCTOBER 11, 2012.

PROJECT			
FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO			
TITLE			
SECOND QUARTER 2012 PERCHED WATER ELEVATIONS IN DEADMAN CANYON			
PROJECT No.		FILE	
DESIGN TS		Perched Wtr Elv Deadman	
CADD CM		SCALE AS SHOWN REV. 0	
CHECK TS		05/29/13	
REVIEW TS		05/29/13	
		FIGURE 2-19	

Drawing file: 2-20 Perched Wtr Elev East.dwg Jul 09, 2013 2:56pm



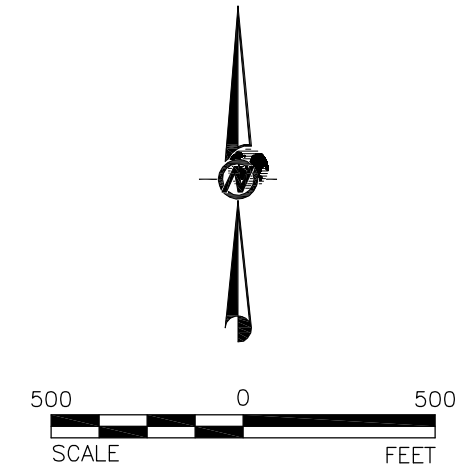
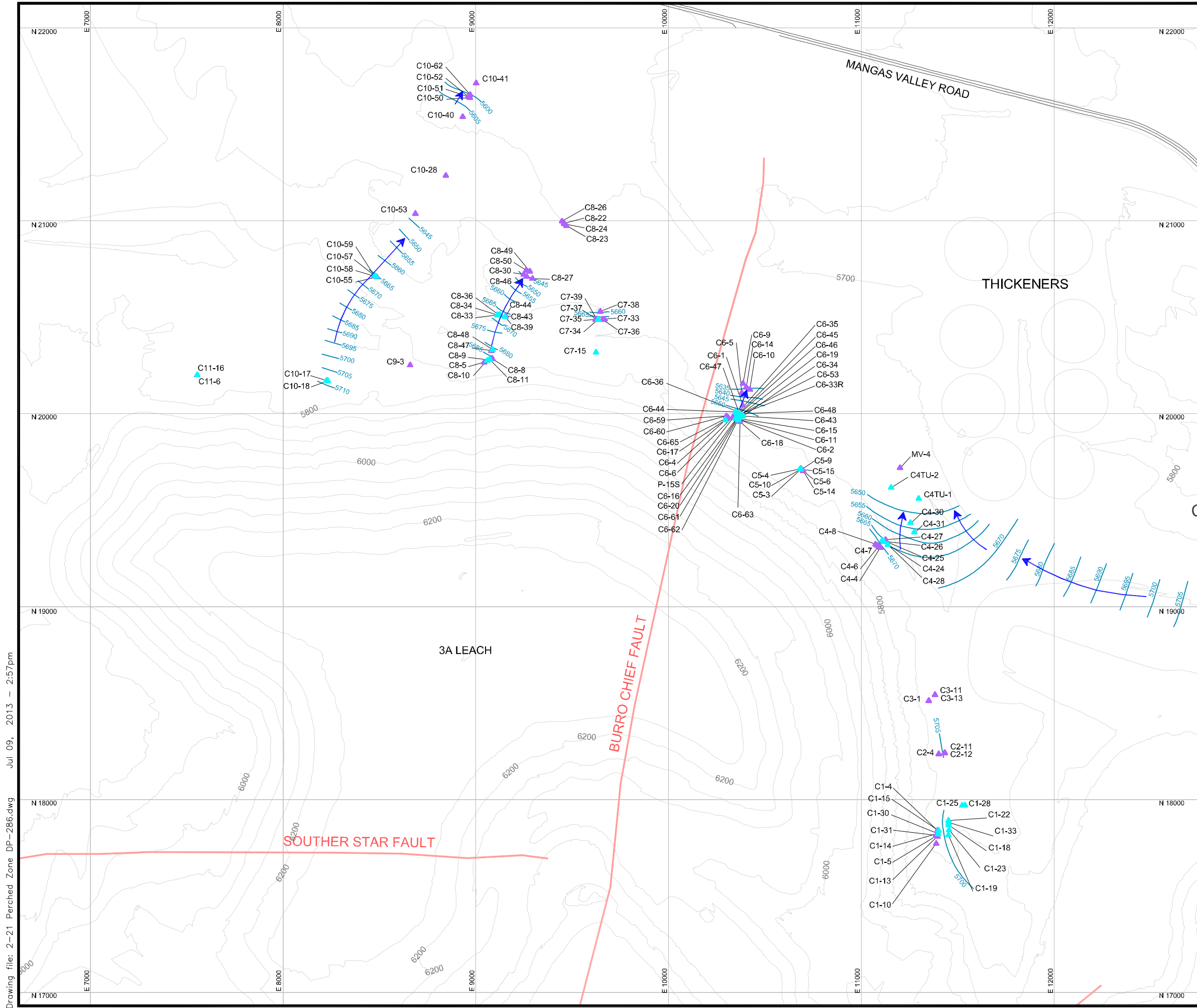
- EXISTING CONTOUR (ft. msl) (CONTOUR INTERVAL 50ft)
- HIGHWAY OR COUNTY ROAD
- WATER LEVEL ELEVATION CONTOUR (ft. msl), DASHED WHERE INFERRED (CONTOUR INTERVAL 10 ft)
- FAULT
- RAILROAD
- PERCHED ZONE MONITOR WELL WITH WATER LEVEL ELEVATION (ft. msl)
- DRY PERCHED ZONE MONITOR WELL
- SEEPAGE COLLECTION
- GENERAL DIRECTION OF PERCHED GROUNDWATER FLOW

REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FMI.

NOTES: SECOND QUARTER 2012 WATER LEVEL DATA AND CONTOURS PROVIDED BY DBS&A ON OCTOBER 11, 2012.

REFERENCE: PDTI, 2007 LETTER REPORT FROM THOMAS L. SHELLEY TO CLINT MARSHALL, NEW MEXICO ENVIRONMENT DEPARTMENT GROUNDWATER QUALITY BUREAU. REGARDING AUGUST 2007 CONTINGENCY PLAN STATUS REPORT, DP-286. AUGUST 14, 2007.

PROJECT		FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO			
TITLE		SECOND QUARTER 2012 PERCHED WATER ELEVATIONS FOR EAST SIDE AREA			
 Albuquerque, New Mexico	PROJECT No.	11380040	FILE No	Perched Wtr Elev East	
	DESIGN TS	10/03/07	SCALE	AS SHOWN REV. 0	
	CADD CM	05/29/13			
	CHECK TS	05/29/13			
REVIEW TS	05/29/13			FIGURE 2-20	



- EXISTING CONTOUR (ft msl) (CONTOUR INTERVAL 50ft)
- HIGHWAY OR COUNTY ROAD
- WATER LEVEL ELEVATION CONTOUR (ft msl), DASHED WHERE INFERRED (CONTOUR INTERVAL 5 ft)
- FAULT
- PERCHED ZONE MONITOR WELL WITH WATER LEVEL ELEVATION (ft msl)
- DRY PERCHED ZONE MONITOR WELL
- GENERAL DIRECTION OF PERCHED GROUNDWATER FLOW

REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FML

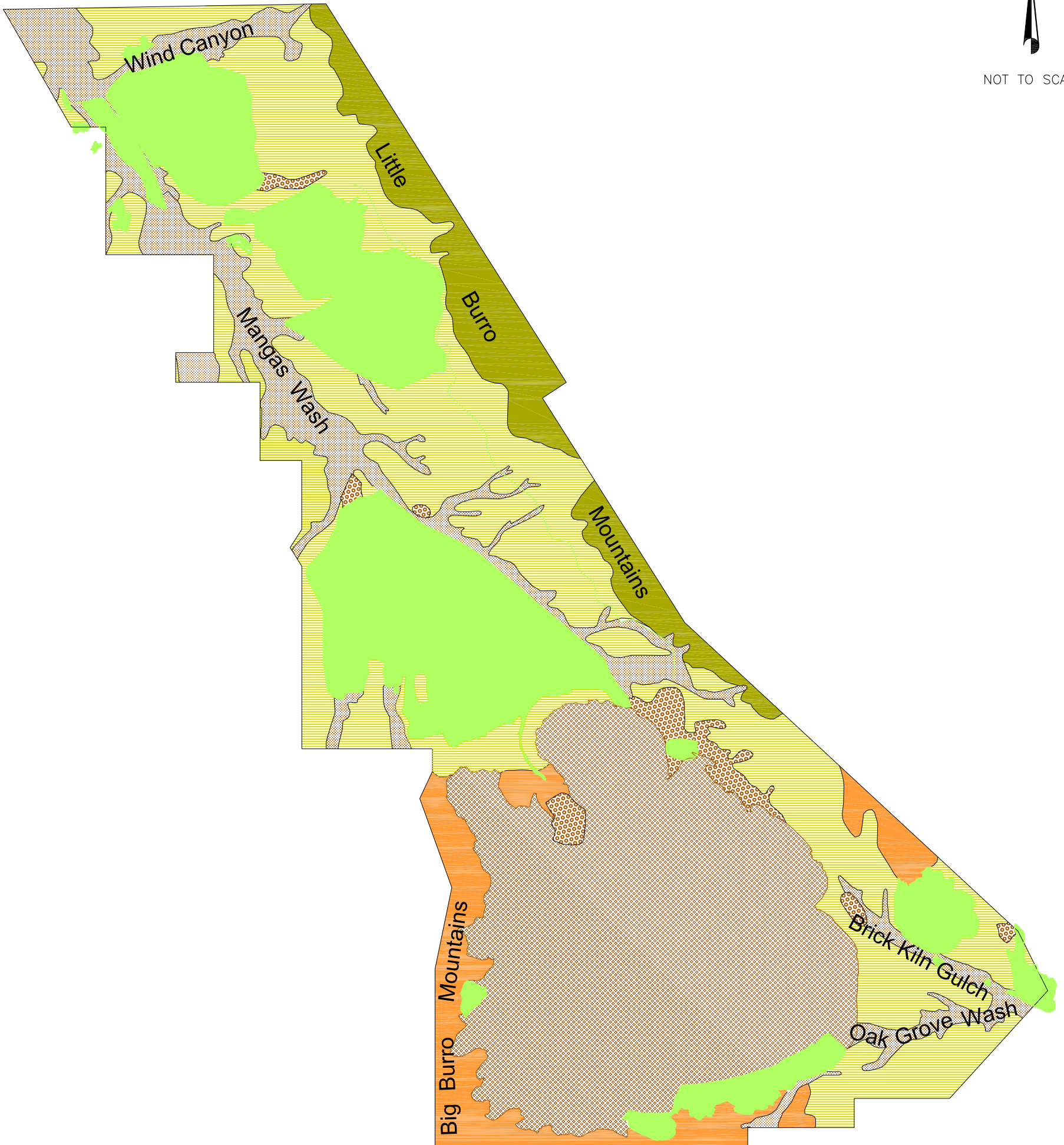
NOTES: FIRST QUARTER 2012 (JANUARY 1, 2012 THROUGH MARCH 31, 2012). WATER LEVEL ELEVATIONS DATA AND CONTOURS PROVIDED BY DBS&A ON OCTOBER 12, 2012.








Drawing file: 2-21 Perched Zone DP-286.dwg Jul 09, 2013 - 2:57pm


PROJECT		FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO	
TITLE		FIRST QUARTER 2012 WATER LEVEL ELEVATIONS FOR PERCHED ZONE, DP-286 AREA	
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No Perched Zone DP-286
	DESIGN	TS	10/03/07
	CADD	CM	05/29/13
	CHECK	TS	05/29/13
REVIEW	TS	05/29/13	FIGURE 2-21

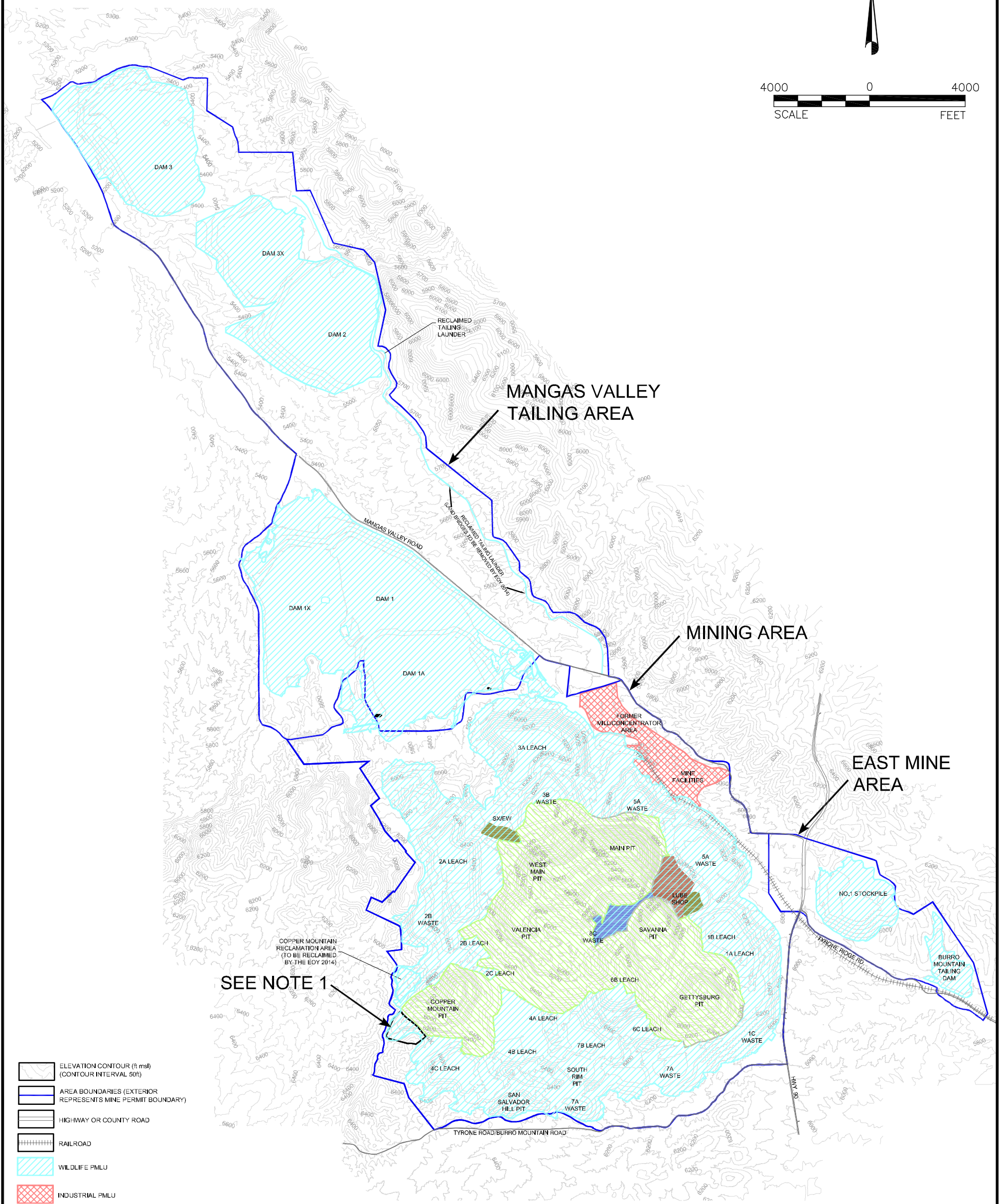
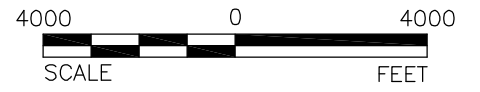


NOT TO SCALE



-  ALLUVIAL GRASSLAND
-  PIEDMONT SCRUB SAVANNA
-  MOUNTAIN SLOPE SCRUB SAVANNA
-  MOUNTAIN SLOPE MIXED EVERGREEN WOODLAND
-  FACILITIES AND DISTURBED AREAS
-  MINE PITS AND STOCKPILES
-  RECLAIMED MINE FACILITY

PROJECT		FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO			
TITLE		SOIL-VEGETATION ASSOCIATIONS AND MISCELLANEOUS LAND AREAS			
 Golder Associates Albuquerque, New Mexico	PROJECT No.	11380040	FILE No.	Soil-Vegetation	
	DESIGN	TS	07/31/07	SCALE	AS SHOWN
	CADD	CM	04/09/13	REV.	0
	CHECK	TS	04/09/13	FIGURE 2-22	
REVIEW	TS	04/09/13			



- ELEVATION CONTOUR (ft msl)
(CONTOUR INTERVAL 50ft)
- AREA BOUNDARIES (EXTERIOR REPRESENTS MINE PERMIT BOUNDARY)
- HIGHWAY OR COUNTY ROAD
- RAILROAD
- WILDLIFE PMLU
- INDUSTRIAL PMLU
- CURRENT CONDITIONAL WAIVER AREAS (OPSDA)
- PROPOSED SLUDGE DISPOSAL AREA
- BORROW AREA
- UNDISTURBED-NATIVE ROCK

REFERENCE SOURCE OF TOPOGRAPHY: 2012 MINE TOPOGRAPHY FROM FM.

- NOTES
1. COPPER MOUNTAIN SOUTH PIT EXPANSION NOT INCLUDED IN THIS CCP. THIS AREA HAS ITS OWN CCP AND ASSOCIATED FINANCIAL ASSURANCE (PDTI, 2003)
 2. PMLU - POST MINING LAND USE
 3. OPSDA - OPEN PIT SURFACE DRAINAGE AREA

PROJECT				FREEPORT MCMORAN TYRONE, INC. TYRONE CLOSURE/CLOSEOUT PLAN GRANT COUNTY, NEW MEXICO			
TITLE				PROPOSED POST-MINING LAND USE AND WAIVER AREAS			
<p>Golder Associates Albuquerque, New Mexico</p>	PROJECT No.	11380040	FILE No	Post Land Use-Waiver			
	DESIGN	TS	07/31/07	SCALE	AS SHOWN	REV. 0	
	CADD	CM	02/28/13				
	CHECK	TS	02/28/13				
	REVIEW	TS	02/28/13	FIGURE 7-1			