



Tyrone Operations
P.O. Drawer 571
Tyrone, NM 88065

July 10, 2014

Certified Mail #70131090000186131676
Return Receipt Requested

Mr. Fernando Martinez
Mining and Minerals Division
Mining Act Reclamation Program
1220 South St. Francis Drive
Santa Fe, NM 87505



Dear Mr. Martinez:

Re: Permit GR007RE – Little Rock Mine Existing Mining Operation,
Permit Revision Application for Expansion of the Little Rock Mine

Freeport-McMoRan Tyrone Inc. (Tyrone) is currently operating the Little Rock open pit mine under the conditions of Revision 10-1 to Permit No. GR007RE. This revision to the permit for active mining became effective on December 30, 2010. Tyrone hereby requests an additional revision to mine permit GR007RE for the Little Rock Mine.

The proposed revision will facilitate the expansion of the Little Rock Mine, extending the same land uses and activities that have previously been approved. Mineable ore from the Little Rock Mine will continue to be transferred to the adjacent Tyrone Mine facility for copper extraction.

Overburden rock will continue to be managed as currently approved. It will either be transported to the Tyrone Mine where it will be stockpiled at permitted facilities, and/or used to create one or more in-pit stockpiles within a portion of the Little Rock open pit in accordance with the 2014 Little Rock Closure/Closeout Plan.

The permit revision will expand the design limit to enable:

- Construction, operation, reclamation of the open pit and a haul road
- Installation of instrumentation, utilities and access for various operational, monitoring, closure and post-closure uses, including but not limited to:
 - Geotechnical instrumentation and monitoring facilities
 - Power distribution system and components
 - Communications facilities
 - Surface water and groundwater management and dewatering facilities
- Access to facilities and components

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Currently, the approved design limit incorporates approximately 197 acres of land (including the minor change to the open pit configuration, approved under Modification 13-2) and the current mine permit boundary incorporates approximately 610 acres. The proposed permit revision will increase the design limit to a total of approximately 470 acres and the mine permit boundary to approximately 680 acres (Figure 1).

This request for a permit revision is consistent with the changes proposed in the *Little Rock Mine Amendment to Mine Plan of Operations NMNM091644* (MPO Amendment). The MPO Amendment was submitted to the Bureau of Land Management (BLM), with a copy sent to the Mining and Minerals Division (MMD) Mining Act Reclamation Program on September 13, 2013. An Environmental Assessment (EA) is currently being prepared in association with the Little Rock Mine expansion pursuant to the National Environmental Policy Act. Once completed, a copy of the EA report will be provided to the MMD.

Specific information required under Section 19.10.5.502 NMAC for this permit revision application are included in **Attachment 1** to this letter. Additionally, as part of this permit revision application, Tyrone also submits an updated Closure/Closeout Plan (CCP) and a Financial Assurance Third Party cost estimate for the Little Rock Mine (see **Attachment 2** to this letter). The updated CCP is consistent with previously approved CCPs at the Little Rock Mine. The remaining pit walls and overburden materials are exactly the same as the materials encountered in the surrounding steep-canyon ecosystem. These materials sustain the native flora populations, which is consistent with the primary goal of closeout. Over the years Tyrone has learned how to utilize these materials, such as the leached cap (predominant geologic material in and around the mine on which native vegetation is growing), to successfully achieve the objectives of closeout.

This revision application also includes a proposal to update Financial Assurance (FA) for the expanded Little Rock Mine facilities. For Little Rock, the cost estimate (and proposed FA amount) is in current dollars. Net Present Value is not applied to calculate FA for the site with a 30-year post-closure monitoring and maintenance period. The proposed FA amount for the year, with the highest reclamation cost (over the next 5 year period), is \$1,922,000.

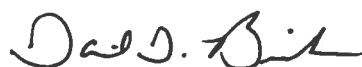
On January 15, 2013, Tyrone applied for a partial Financial Assurance (FA) release for the Little Rock Mine. In a letter dated May 13, 2014, MMD and NMED concluded that the Little Rock Mine was eligible for a FA Release in the amount of \$1,331,886, which would leave in place a total FA for Little Rock Mine in the amount of \$1,612,697 for the current mine plan. In a letter dated June 16, 2014, Tyrone proposed that the existing Surety Bonds (Numbers: 022025847 and 022005697) totaling \$2,944,583, be left in place for the Little Rock Mine until the agencies review and approve this updated 2014 Little Rock CCP (so the FA instrument would be revised only once). Based on the attached 2014 FA estimate, Tyrone proposes to increase FA from \$1,612,697 to \$1,922,000. With \$2,944,538 in the combined Little Rock Surety Bonds, sufficient FA is already in place. If the current FA estimate is approved, Tyrone would be eligible for a reduction of FA in the amount of \$1,022,583 ($\$2,944,583 - \$1,922,000 = \$1,022,583$). To provide this FA, Tyrone proposes to maintain the surety bond that addresses the

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mining scenario and eliminate the surety bond for the non-mining scenario and replace it with another surety bond to bring the total to \$1,922,000.

I certify that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals responsible for obtaining this information. I believe the submitted information is true, accurate and complete.

Sincerely,



Daniel D. Broderick
President & General Manager

DDB:ml
Enclosures
20140710-100

c. Holland Shepherd, MARP, (MMD)
David Otori, MMD

ATTACHMENT 1
FULFILLMENT OF PERMIT REVISION
APPLICATION REQUIREMENTS
(Section 19.10.5.502 NMAC)

ATTACHMENT 1 – FULFILLMENT OF PERMIT REVISION APPLICATION
REQUIREMENTS (Section 19.10.5.502 NMAC)

Section 19.10.5.502 NMAC Requirements:

A. A minimum of six copies of each application for a permit under this Part shall be submitted to the Director. The Director may require additional copies for distribution by the Director to other governmental agencies with an interest in, or jurisdiction over, elements of the proposed operation.

Tyrone Response:

Six copies of this Request to Revise Permit GR007RE for Expansion of the Little Rock Mine are being submitted to the Director.

B. All information submitted to the Director shall be made available for public inspection and copying at the Director's office, except as designated confidential. Information in the application which the applicant desires to keep confidential shall be clearly indicated and submitted separately from the rest of the application.

Tyrone Response:

Not applicable. No information included within this application is considered by Tyrone to be confidential.

(1) If the operator designates as confidential an exploration map, financial information, information concerning the grade or location of ore reserves or trade secret information, the Director shall maintain the information as confidential and not subject to public records or disclosure laws.

Tyrone Response:

Not applicable. No information included within this application is considered by Tyrone to be confidential.

(2) If a request is made for public review of the information held confidential, the Director shall notify the operator and provide a reasonable opportunity for substantiation of the claim that public disclosure of the information could harm the competitive position of the operator. If the claim is not substantiated to the satisfaction of the Director, the information shall be released.

Tyrone Response:

Not applicable. No information included within this application is considered by Tyrone to be confidential.

**ATTACHMENT 1 – FULFILLMENT OF PERMIT REVISION APPLICATION
REQUIREMENTS (Section 19.10.5.502 NMAC)**

(3) When a request is made for public review of information designated as confidential, the Director shall attempt to notify the operator within 24 hours of the request, and shall provide written notification by certified mail.

Tyrone Response:

Not applicable. No information included within this application is considered by Tyrone to be confidential.

C. Each application shall be signed by an applicant or authorized agent of the applicant for the operation with the following certification made: I certify that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals responsible for obtaining the information, I believe the submitted information is true, accurate, and complete.

Tyrone Response:

This permit revision application is signed and certified by Tyrone's authorized agent in accordance with this requirement.

D. Each application under this Part shall be in a format acceptable to the Director and contain the following:

(1) The name of the applicant to whom the permit will be issued.

Tyrone Response:

Freeport-McMoRan Tyrone Inc. is the applicant to whom the permit will be issued.

(2) A map(s) and list, including names and addresses, of all owners of surface and mineral estates within the proposed permit area, as shown by the most recent county assessor's property tax schedule.

Tyrone Response:

Both private and BLM managed land ownership within the proposed mine permit area are discussed in the MPO Amendment (Tyrone, 2013). As part of the MPO Amendment, Tyrone is seeking approval from the BLM for the proposed disturbances or changes in use to lands managed by the BLM. The existing Little Rock Mine permit boundary, as regulated by the MMD ("existing MMD permit boundary"), also includes land managed by the USFS; however, no new disturbances are proposed on USFS managed land. A map of the owners of surface and mineral estates within the proposed permit area is included in **Figure 1**. A list, including names and addresses, of all owners of surface and mineral estates within the proposed permit area is provided in **Table 1**.

**ATTACHMENT 1 – FULFILLMENT OF PERMIT REVISION APPLICATION
REQUIREMENTS (Section 19.10.5.502 NMAC)**

(3) A statement of the basis on which the applicant has the right to enter the property to conduct the mining and reclamation. The applicant will allow the Director to examine, if necessary, the documents which establish such basis.

Tyrone Response:

Tyrone is a legal entity authorized to do business in the state of New Mexico. Tyrone has the right to enter and conduct mining and reclamation activities on the proposed expanded Little Rock Mine Permit area based either on Tyrone's ownership of the patented mining claims (surface and minerals) and current mining claims (unpatented claims) in the area or through the BLM's approval of the MPO Amendment (Tyrone, 2013) for Tyrone's proposed activities on federal lands administered by the BLM in this area. As this portion of the rules require, the Director will have the opportunity to examine the documents which establish such basis.

(4) The site assessment previously submitted pursuant to Section 69-36-5 of the Act shall be considered part of the application. If information in the site assessment requires updates to provide information necessary for evaluation of the permit or if the site-specific conditions at the time of the assessment significantly deviate from conditions at the time of submittal of the permit application, such updated information or deviations must be described in the application.

Tyrone Response:

Updated information on the existing facilities and environmental conditions within the proposed mine permit area is provided in Section 2.0 of the Updated Little Rock CCP (Tyrone, 2014), and in Section 1.0 of the MPO Amendment (Tyrone, 2013).

(5) A map(s) showing all existing and proposed pits, shafts, adits, stockpiles, waste units, impoundments, leach piles, processing facilities, and support facilities such as office buildings. The map(s) shall identify the proposed permit area and design limits of each unit of the operation.

Tyrone Response:

The existing topography, site features, proposed permit boundary, and section lines are shown on **Figure 2**, and the proposed revised mine permit area and mining area design limit are shown on **Figure 3**. There are no existing shafts or adits within the proposed revised mine permit boundary. Old mine openings at the Ohio Mine area were closed in 2011 in accordance with Permit Revision 10-1 to Permit GR007RE.

ATTACHMENT 1 – FULFILLMENT OF PERMIT REVISION APPLICATION
REQUIREMENTS (Section 19.10.5.502 NMAC)

(6) A description of undisturbed vegetation including a comprehensive list of species and their relative abundance with regards to cover and production.

Tyrone Response:

Site-specific soil and vegetation surveys were conducted in and around Tyrone in 1997 as part of the Closure/Closeout studies (DBS&A 1997). Based on the surveys, which included the Little Rock Mine area, four soil-vegetation associations were identified within the survey area including the: (1) alluvial grassland association; (2) piedmont scrub savanna association; (3) mountain slope scrub savanna association; and (4) mountain slope mixed evergreen woodland association. The mountain slope mixed evergreen woodland association was identified as the soil-vegetation association represented within the Little Rock Mine area.

The soils in the mountain slope mixed evergreen woodland association are mostly loamy-skeletal Haplustolls. These soils are shallow, noncalcareous, and medium- to coarse-textured with moderate to high amounts of coarse fragments. These soils formed in residuum and colluvium from competent igneous rocks composed of quartz monzonite and granite. Minor areas of bedrock are exposed at the surface in this map unit. This association occupies the very steep backslopes and ridges of the Big Burro Mountains.

Vegetation at Little Rock is characterized by mixed evergreen woodland dominated by pinyon pine (*Pinus edulis*), emory oak (*Quercus emoryi*), gray oak (*Quercus grisea*), various shrubs and scattered warm season grasses. The plant species identified in the mountain slope mixed evergreen woodland association and their relative occurrence are listed in **Table 2**. A total of 28 species were recognized in the mountain slope mixed evergreen woodland association, including 5 forbs, 10 shrubs, 5 grasses and 8 trees. This plant list is considered to be relatively complete, but not all inclusive, because a limited number of early spring annual forbs were probably not present during the survey period (DBS&A, 1997).

(7) Evidence that other applicable state and federal permits to be obtained either have been or will be issued before the activities subject to those permits begin.

Tyrone Response:

Tyrone holds the state and federal permits and authorizations necessary to produce copper from the existing facilities at Little Rock. Current permits include a New Mexico Mining Act (NMMA) permit from the MMD as an existing mining operation (Mining Act Permit No. GR007RE). The Little Rock Mine is also subject to Discharge Permit 1236 (DP-1236), issued by the New Mexico Environment Department (NMED). Because a portion of the lands at Little Rock are managed by the BLM, the mine also maintains a Mine Plan of Operations in conformance with the BLM Surface Management Regulations (43 CFR 3809). A full description of the applicable state and federal permits under which the Little Rock Mine currently operates is included in Section 2.4 of the Updated Little Rock CCP (Tyrone, 2014) and in Section 1.5 of the MPO Amendment (Tyrone, 2013). A summary list of these permits is included herein in **Table 3**.

ATTACHMENT 1 – FULFILLMENT OF PERMIT REVISION APPLICATION REQUIREMENTS (Section 19.10.5.502 NMAC)

(8) The applicant shall designate an agent and provide the agent's street address for the service of notices and orders in writing from the Director. This information shall be kept current if a permit is granted.

Tyrone Response:

The designated agent for the service of notices and orders in writing from the Director is as follows:

Point of Contact Information	
Full Name:	Daniel D. Broderick
Title:	President and General Manager
Business Name:	Freeport-McMoRan Tyrone Inc.
Telephone Number:	(575) 912-5101
Street Address:	Highway 90 South, Tyrone Mine Road, Tyrone, New Mexico 88065
Business Address:	PO Box 571, Tyrone, New Mexico 88065

(9) A copy of the proposed form of notices required under 19.10.9 NMAC.

Tyrone Response:

Tyrone will distribute and publish a public notice in regards to this permit revision application for expansion of the Little Rock Mine within 30 days.

(10) A permit fee as determined pursuant to 19.10.2 NMAC

Tyrone Response:

A certified check in the amount of \$6,000.00 is included within this permit application in accordance with 19.10.2 NMAC.

(11) Any additional information necessary for evaluation of the permit application as required by the Director.

Tyrone Response:

No additional information has been requested at this time. Tyrone will review any requests from the Director for additional information necessary to evaluate this permit revision application and will provide the pertinent information in a timely manner.

E. To avoid duplication and conflicting requirements, the applicant may include information from environmental permits relevant to the application. Permits issued by other governmental agencies shall be accepted by the Director to the extent such permits satisfy the requirements of the Act and 19.10 NMAC.

Tyrone Response:

Both the MPO Amendment (Tyrone, 2013), which was previously submitted to the MMD Mining Act Reclamation Program, and the Updated Little Rock CCP (Tyrone, 2014) that is

ATTACHMENT 1 – FULFILLMENT OF PERMIT REVISION APPLICATION REQUIREMENTS (Section 19.10.5.502 NMAC)

being submitted to the agencies concurrent with this application, provide supporting documentation regarding this permit revision application.

F. Where physically separate but interrelated mining operations are located in close proximity to each other and are under the control of the same owner or operator, the applicant may request or the Director may determine to issue one permit for all of the operations and require only one permit application and closeout plan.

Tyrone Response:

The Tyrone Mine (MMD Permit GR010RE) is adjacent to the Little Rock Mine permit area (**Figure 3**) and is currently under a revision process to incorporate an updated CCP. The Tyrone permit boundary for Permit No. GR010RE will be updated as part of that ongoing permit revision.

References:

- Daniel B. Stephens & Associates, Inc. (DBS&A). 1997. Closure/ Closeout Plan. Prepared for Phelps Dodge Tyrone, Inc., Tyrone, New Mexico. December 19.
- Freeport-McMoRan Tyrone Inc. (Tyrone). 2011. Little Rock Mine Exploration Drillhole Plugging Report. Letter to MMD and NMED. May 31.
- Tyrone. 2013. Little Rock Mine Amendment to Mine Plan of Operations (NMNM091644). Submitted to the Bureau of Land Management Las Cruces District Office. September 11.
- Tyrone. 2014. Updated Closure/Closeout Plan for the Little Rock Mine, Grant County, New Mexico. May.
- MMD. 2004. Permit Revision 01-1 to Permit No. GR010RE Tyrone Mine Existing Mining Operation. Mining and Minerals Division Energy, Minerals and Natural Resources Department. April 12.

Tables

Table 1. Property Ownership Information
Permit GR007RE – Permit Revision Application (June 2014)

Property Ownership and Point of Contact Information	
Full Name:	Daniel D. Broderick
Title:	President and General Manager
Business Name:	Freeport-McMoRan Tyrone Inc.
Telephone Number:	(575) 912-5101
Street Address:	Highway 90 South, Tyrone Mine Road, Tyrone, New Mexico 88065
Business Address:	PO Box 571, Tyrone, New Mexico 88065
Claim Owner's Address:	Same as above
Federal Tax Identification No.	87-0694174
Project Location	
County/State:	Grant County/New Mexico
Claim Type:	Patented and Unpatented Lode
Primary Commodity:	Copper
Meridian:	New Mexico Principal Meridian
Sections:	16 and 17
Township, Range:	19 South, 15 West
BLM (Public Land Ownership) Contact Information	
Name:	Bureau of Land Management, Las Cruces District Office
Address:	1800 Marquess Street, Las Cruces, New Mexico 88005
Telephone:	(575) 525-4300
USFS (Public Land Ownership) Contact Information	
Name:	U.S.D.A. Forest Service
Address:	101B Sun Avenue NE, Albuquerque, New Mexico 87109
Telephone:	(877) 372-7248

Notes:

Table modified from MPO Amendment (Tyrone, 2013). See Figure 1 for property ownership map of the Little Rock Mine area.

Table 2. Plant Species Occurrence at the Little Rock Mine

Scientific Name	Common Name
Trees	
<i>Juniperus deppeana</i>	Alligator juniper
<i>Juniperus monosperma</i>	Oneseed juniper
<i>Juniperus scopulorum</i>	Rock mountain juniper
<i>Pinus edulis</i>	Pinyon pine
<i>Pinus ponderosa</i>	Ponderosa pine
<i>Quercus emoryi</i>	Emory oak
<i>Quercus grisea</i>	Gray oak
Shrubs	
<i>Arctostaphylos pungens</i>	Point-leaf manzanita
<i>Brickellia californica</i>	California brickellbush
<i>Brickellia grandiflora</i>	Tasselflower brickellbush
<i>Cercocarpus montanus</i>	Mountain mahogany
<i>Eriogonum corymbosum</i>	Buckwheat bush
<i>Fallugia paradoxa</i>	Apache plume
<i>Gutierrezia sarothrae</i>	Broom snakeweed
<i>Nolina microcarpa</i>	Beargrass
<i>Opuntia engelmannii</i>	Engelmann prickly pear
<i>Quercus gambelii</i>	Gambel oak
<i>Rhus trilobata</i>	Squawberry
Grasses	
<i>Aristida divaricata</i>	Poverty three-awn
<i>Aristida purpurea</i>	Purple threeawn
<i>Aristida orcuttiana</i>	Single threeawn
<i>Bothriochloa barbinodes</i>	Cane bluestem
<i>Bouteloua curtipendula</i>	Sideoats grama
<i>Bouteloua gracilis</i>	Blue grama
<i>Bouteloua hirsuta</i>	Hairy grama
<i>Cyperus escalantus</i>	Nutgrass
<i>Eragrostis intermedia</i>	Plains lovegrass
<i>Leptochloa dubia</i>	Green sprangletop
<i>Muhlenbergia fragilis</i>	Delicate muhly
<i>Muhlenbergia rigens</i>	Deergrass
Forbs	
<i>Achillea millefolium</i>	Western yarrow
<i>Artemisia carruthii</i>	Flat sage
<i>Astragalus nuttallii</i>	Nuttall's milkvetch
<i>Dalea albiflora</i>	White dalea
<i>Erigeron neomexicanus</i>	New Mexico fleabane
<i>Eriogonum pharnaceoides</i>	Wirestem buckwheat
<i>Glandularia wrightii</i>	Vervain
<i>Grindelia aphinactus</i>	Curlycup gumweed
<i>Lotus plebeius</i>	NM bird's-foot trefoil
<i>Schkuhria wislizenii</i>	Threadleaf
<i>Solidago wrightii</i>	Wright's goldenrod
<i>Sphaeralcea fendleri</i>	Scarlet globemallow

**Table 3: Summary of Applicable Permits and Regulatory Framework for the Little Rock Mine
Permit GR007RE – Permit Revision Application (June 2014)**

Environmental Media/Regulatory Framework	Permit Number	Description	Issuing Agency	Status
Operations on land managed by BLM (43 CFR 3809)	NMNM091644	1993 MPO – approved in 1997 with related EIS/ROD and reevaluated in 2010 DNA 2009 MPO Amendment for Stockpile Reclamation and related EA/FONSI 2013 minor modifications	BLM	Current
New Mexico Mining Act	GR007RE	Original permit, effective 12/21/1998	MMD	Current
	Rev 97-1	CCP and financial assurance	MMD	Approved 12/29/00
	Rev 02-2	Approval of standby status	MMD	Approved 11/22/04
	Mod 04-1	Approved Closeout Plan	MMD	Approved 06/01/04
	Mod 06-1	Replace surety bond with letter of credit	MMD	Approved 01/23/09
	Mod 08-1	Permittee name change	MMD	Approved 12/08/09
	Mod 09-3	Replace letter of credit with surety bond	MMD	Approved 12/08/09
	Mod 10-1	Partial release of financial assurance for stockpile reclamation	MMD	Approved 06/16/11
	Rev 10-1	Change status to active and revise CCP	MMD	Approved 12/30/10
	Mod 13-1	Financial assurance partial release	MMD	Pending
	Mod 13-2	Change in pit configuration	MMD	Approved 9/26/13
Groundwater New Mexico Administrative Code 20 Chapter 6, Water Quality	DP-1236	Groundwater Discharge Permit	NMED	Renewal pending
	Revised Discharge Permit Amendment	Construction and Operation of Dewatering Facilities	NMED	Approved 05/08/13
Surface Water Quality/ Federal Clean Water Act	NMR05GB76	NPDES MSGP –Sector G – Metal Mining (Ore Mining and Dressing) and Sector J – Mineral Mining and Dressing Authorization	EPA	Approved 10/29/13
	Oil Pollution Prevention	Spill Prevention Control and Countermeasures Plan	EPA	Current; maintained on-site
	SPA-2009-0062 8-ELP	Individual section 404 permit	Corps	Current; expires 12/31/20

Table 3: Summary of Applicable Permits and Regulatory Framework for the Little Rock Mine (continued)

Environmental Media/ Regulatory Framework	Permit Number	Description	Issuing Agency	Status
Hazardous Waste Management	HW EPA ID NMD035806405	Notification of status as generator of hazardous waste	EPA/NMED	Acknowledgment of notification from EPA, dated 01/21/91; no expiration date
Air Quality	NSR2448 M1	Air Quality Construction Permit – Tyrone Mine	NMED	Current; no expiration date
	P147 – R1M3	Air Quality Operating Permit – Tyrone Mine	NMED	Current; expires 10/24/15

**ATTACHMENT 2
UPDATED CLOSURE/CLOSEOUT PLAN
FOR THE LITTLE ROCK MINE
(Enclosed)**

**FREEPORT-McMORAN
COPPER & GOLD**Freeport-McMoRan Copper & Gold
333 North Central Ave
Phoenix AZ 85004For inquiries, contact us via e-mail:
AP@FMI.com<mailto:AP@FMI.com> Self-service
website: http://partners.fmi.com

0968

*000 0000385 00000000 005 015 00373 INS: 0 0

NM ENRGY MNRLS & NAT RES DPT
MINING ACT RECLAMATION BUREAU
1220 SOUTH ST FRANCIS DR
SANTA FE NM 87505

Page 1 OF 1

INVOICE NUMBER	INVOICE DATE	PURCHASE ORDER	COMPANY	GROSS AMOUNT	DISCOUNT	NET AMOUNT
050114 PERMIT REVISION-CCP FOR >300 TO 300	05/01/14		FREEPORT-MCMORAN CORPORAT	6,000.00	0.00	6,000.00
Check Number		Date	Vendor Number	Name	Total Amount	
0000817677		05/23/14	0000101184	NM ENRGY MNRLS & NAT RES DPT	\$6,000.00	

CH249 v9.02 01-12-2012

ORIGINAL DOCUMENT IS PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPRINTED BORDER - DO NOT CASH IF THE WORD VOID IS VISIBLE

**FREEPORT-McMORAN
COPPER & GOLD**Freeport-McMoRan Copper & Gold
333 North Central Ave
Phoenix AZ 85004CHECK NO.
0000817677

64-1278/611

DATE OF CHECK

05/23/14

PAY: SIX THOUSAND AND 00/100 DOLLARS

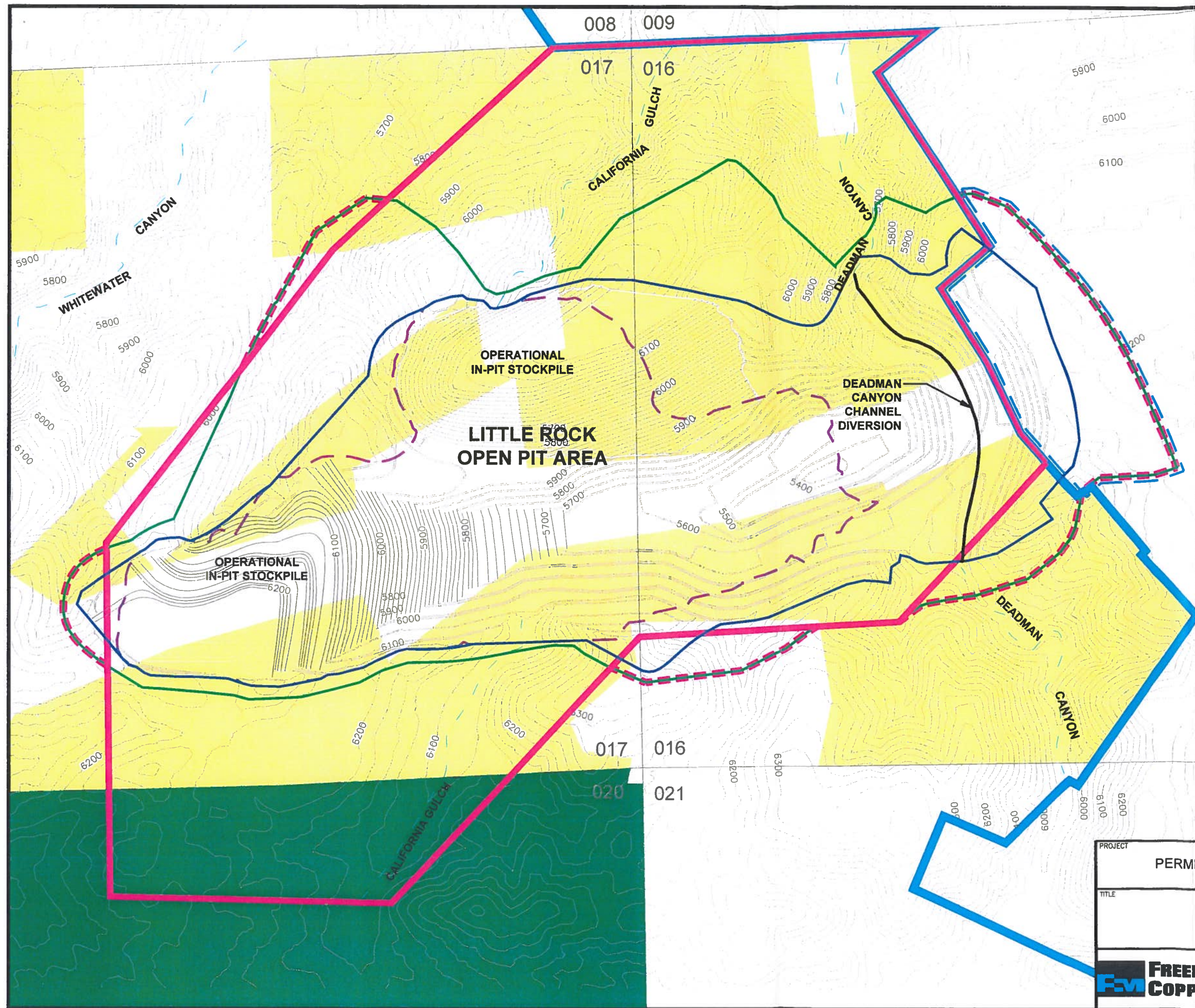
TO THE ORDER OF NM ENRGY MNRLS & NAT RES DPT
MINING ACT RECLAMATION BUREAU
1220 SOUTH ST FRANCIS DR
SANTA FE NM 87505CHECK AMOUNT
\$6,000.00 Security features
recalled
Detail on back

Bank of America, N.A.

Authorized Signature

⑈0000817677⑈ ⑆061112788⑆ 3299998445⑈

Figures



LEGEND

- PROPOSED MINING AREA DESIGN LIMIT
- PROJECTED EXTENT OF OPEN PIT AT END OF MINE LIFE
- EXISTING LITTLE ROCK MINE PERMIT BOUNDARY
- EXISTING TYRONE MINE PERMIT BOUNDARY
- - - PROPOSED CHANGE TO LITTLE ROCK MINE PERMIT BOUNDARY
- - - AREA WITHIN APPROVED TYRONE MINE DESIGN LIMIT (PERMIT MODIFICATION 06-1 TO PERMIT GR010RE)
- - - OPEN PIT DESIGN LIMIT (PERMIT MODIFICATION 13-2 TO MMD PERMIT GR007RE)
- BLM MANAGED LAND
- USFS MANAGED LAND
- LAND OWNED BY FREEPORT MCMORAN TYRONE, INC.

NOTES:

1. SOURCE: TOPOGRAPHIC SURFACE IS END OF MINE LIFE PROVIDED BY FREEPORT MCMORAN TYRONE INC.; PROJECTED OPERATIONAL IN-PIT STOCKPILE TOPOGRAPHIC CONTOURS PROVIDED BY FREEPORT MCMORAN TYRONE INC.
2. CONTOUR INTERVAL AT 25 FEET.
3. COORDINATE SYSTEM IN TYRONE LOCAL MINE.
4. LITTLE ROCK AREA IN WIND MOUNTAIN, NM QUAD MAP T19S R15W SECTIONS 16 AND 17.



700 0 700
SCALE FEET

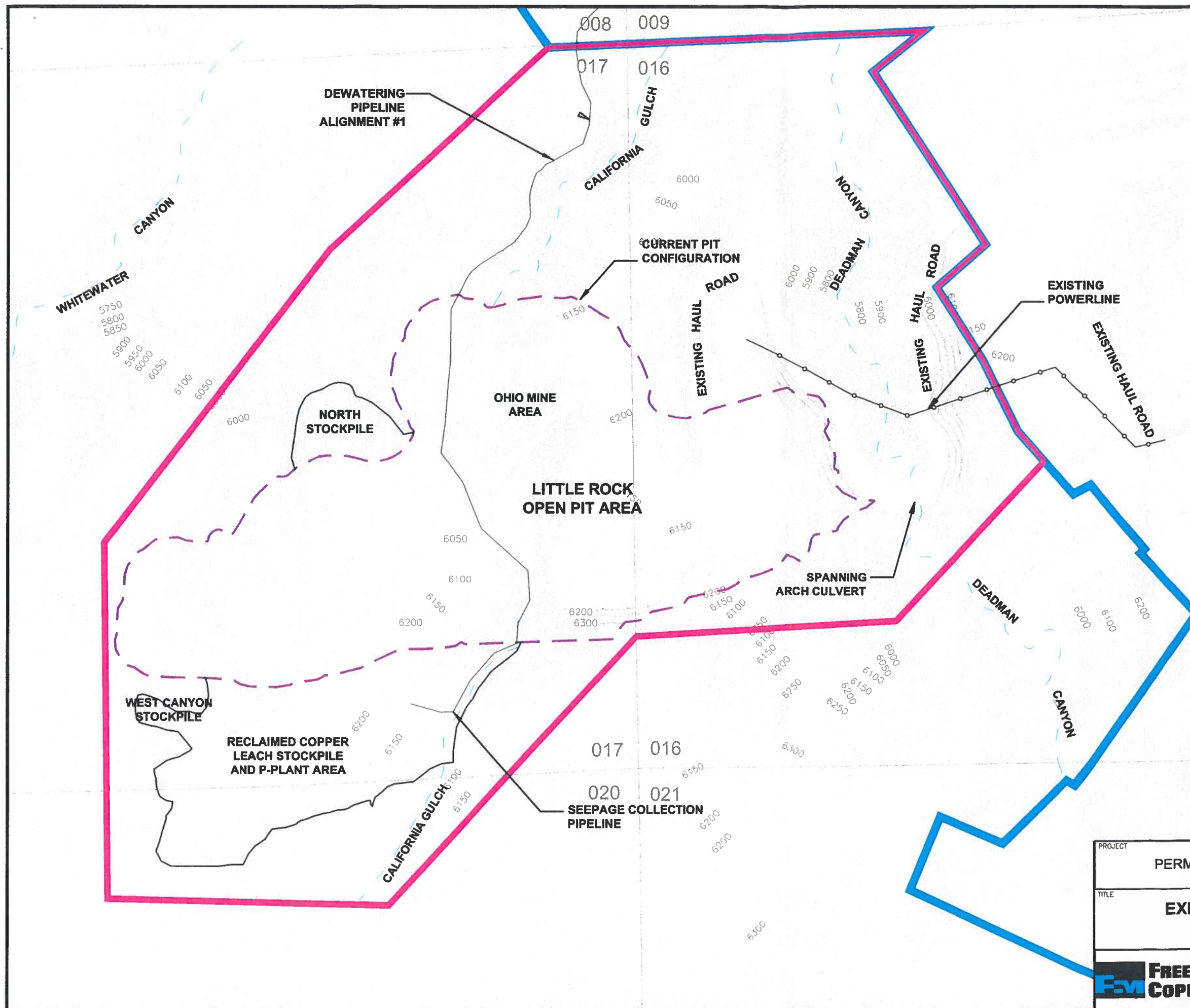
PROJECT FREEPORT MCMORAN TYRONE, INC.
PERMIT GR007RE - PERMIT REVISION APPLICATION
GRANT COUNTY, NEW MEXICO

TITLE LAND OWNERSHIP MAP

Freeport-McMoran
COPPER & GOLD

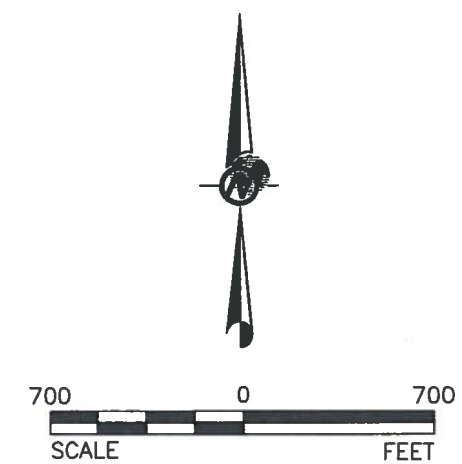
PROJECT No.	1303098	FILE No.	1303098A00
DESIGN	TS	01/07/14	SCALE AS SHOWN REV. 0
CADD	CM	04/03/14	
CHECK	TS	04/03/14	
REVIEW	TS	04/03/14	

FIGURE 1



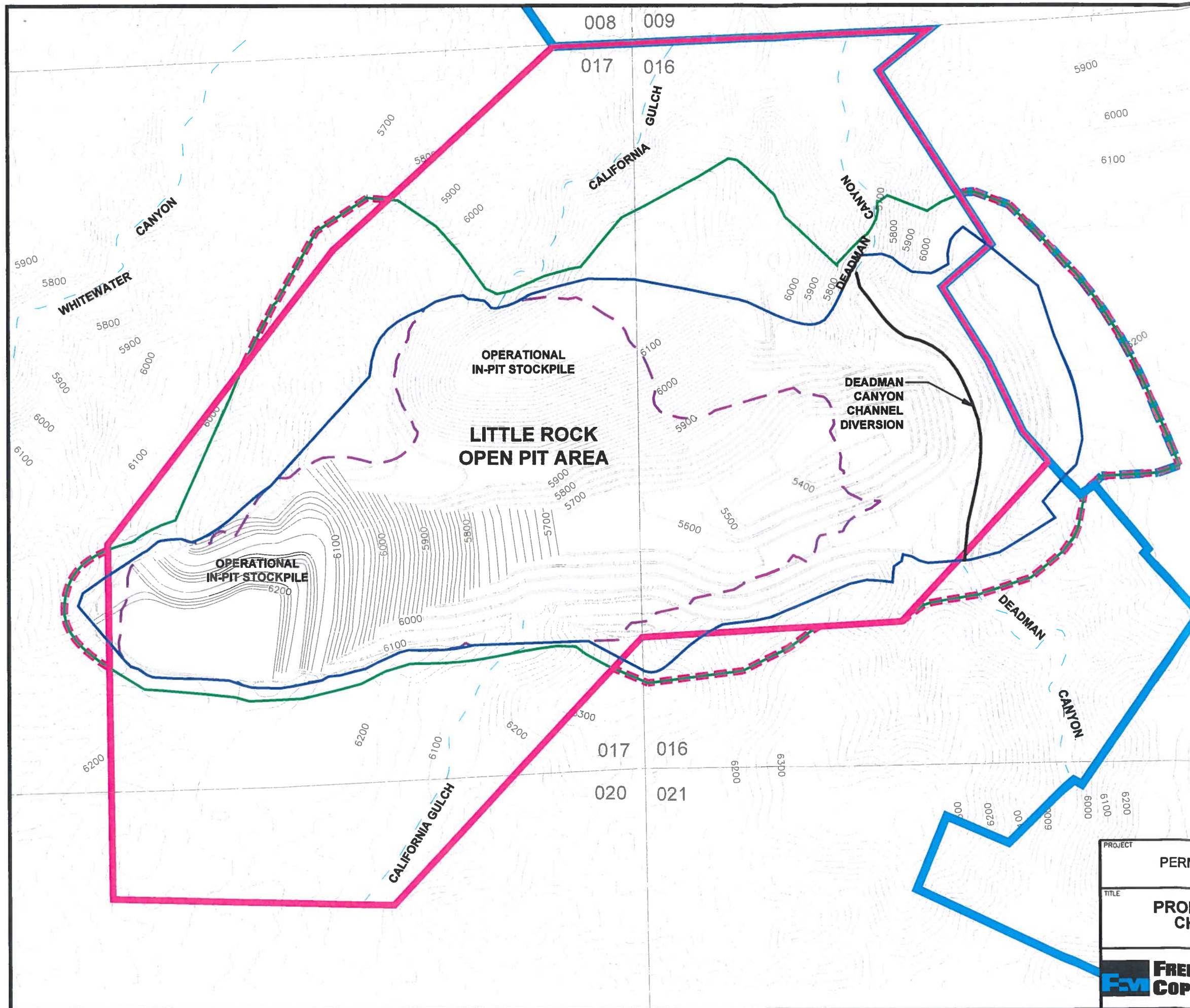
- LEGEND**
- EXISTING LITTLE ROCK MINE PERMIT BOUNDARY
 - EXISTING TYRONE MINE PERMIT BOUNDARY
 - OPEN PIT DESIGN LIMIT (PERMIT MODIFICATION 13-2 TO MMD PERMIT GR007RE)

- NOTES:**
- SOURCE: TOPOGRAPHIC SURFACE FROM JANUARY 2012 FLY-OVER SURVEY.
 - SOURCE: FIGURE CREATED BY TELESTO SOLUTIONS INCORPORATED.
 - COORDINATE SYSTEM IN TYRONE LOCAL MINE.
 - LITTLE ROCK AREA IN WIND MOUNTAIN, NM QUAD MAP T19S R15W SECTIONS 16 AND 17.



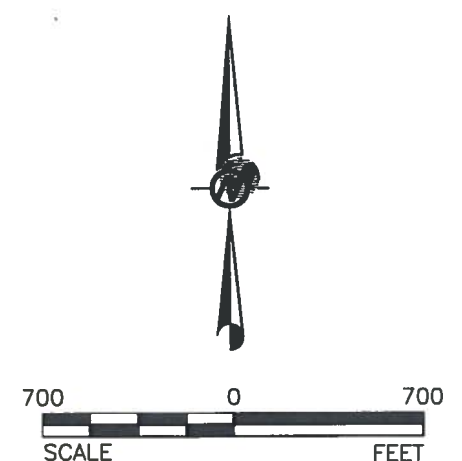
DRAFT

PROJECT		FREEPORT MCMORAN TYRONE, INC. PERMIT GR007RE - PERMIT REVISION APPLICATION GRANT COUNTY, NEW MEXICO			
TITLE		EXISTING LITTLE ROCK MINE FACILITIES AND PERMIT BOUNDARIES			
		PROJECT No.	130-3098	FILE No.	1303098A002
		DESIGN	TS	01/30/14	SCALE AS SHOWN
		CADD	CM	04/03/14	REV. 0
		CHECK	TS	04/03/14	
		REVIEW	TS	04/03/14	
		FIGURE 2			



- LEGEND**
- PROPOSED MINING AREA DESIGN LIMIT
 - PROJECTED EXTENT OF OPEN PIT AT END OF MINE LIFE
 - EXISTING LITTLE ROCK MINE PERMIT BOUNDARY
 - EXISTING TYRONE MINE PERMIT BOUNDARY
 - - - PROPOSED CHANGE TO LITTLE ROCK MINE PERMIT BOUNDARY
 - - - PROPOSED CHANGE TO TYRONE MINE PERMIT BOUNDARY
 - - - OPEN PIT DESIGN LIMIT (PERMIT MODIFICATION 13-2 TO MMD PERMIT GR007RE)

- NOTES:**
1. SOURCE: TOPOGRAPHIC SURFACE IS END OF MINE LIFE PROVIDED BY FREEPORT MCMORAN TYRONE INC.; PROJECTED OPERATIONAL IN-PIT STOCKPILE TOPOGRAPHIC CONTOURS PROVIDED BY FREEPORT MCMORAN TYRONE INC.
 2. CONTOUR INTERVAL AT 25 FEET.
 3. COORDINATE SYSTEM IN TYRONE LOCAL MINE.
 4. LITTLE ROCK AREA IN WIND MOUNTAIN, NM QUAD MAP T19S R15W SECTIONS 16 AND 17.



DRAFT

PROJECT		FREEPORT MCMORAN TYRONE, INC. PERMIT GR007RE - PERMIT REVISION APPLICATION GRANT COUNTY, NEW MEXICO			
TITLE		PROPOSED MINING AREA DESIGN LIMIT AND CHANGES TO MINE PERMIT BOUNDARY			
		PROJECT No.	130-3098	FILE No.	1303098A00
		DESIGN	TS	01/07/14	SCALE AS SHOWN
		CADD	CM	04/03/14	REV.
		CHECK	TS	04/03/14	
		REVIEW	TS	04/03/14	

Freeport-McMORAN
COPPER & GOLD

FIGURE 3