



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

December 17, 2012

Certified Mail #70102780000344914062
Return Receipt Requested

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

Dear Mr. Fernando Martinez:

RE: Tyrone Mine Financial Assurance Reduction
Request for Modification of Permit No. GR010RE, Revision 01-1

Freeport-McMoRan Tyrone Inc. (Tyrone) requests a partial release of financial assurance pursuant to 19.10.12.1210 NMAC and a modification of Mining Act Permit GR010RE Revision 01-1 to reduce the amount of financial assurance required for the implementation of the Closeout Plan and completion of additional studies. Tyrone specifically requests that the financial assurance be reduced for work completed on the 1C/7A Stockpile Unit (See Figure 1) and Additional Studies (See Attachment E).

Tyrone requests that the financial assurance be reduced by a total of \$5,983,278 (2003 dollars) or \$5,426,777 (net present value, NPV) to account for reclamation work completed to date on the 1C/7A Stockpile Unit. Tyrone is also requesting financial assurance release of \$2,263,170 for the completion of the additional studies (both 2003 and net present value, NPV value). The total financial assurance reduction will be \$8,246,448 (2003 costs) or \$7,689,947 (net present value, NPV). The distribution of the reduction request to the project is presented in the table below (all values in 2003 dollars).

Facility/Project	Total \$ Amount in Financial Assurance	Requested \$ Amount of Reduction in Financial Assurance	Remaining \$ Amount (accounting for previous releases also)
1C/7A Stockpile Unit	\$7,407,337	\$5,983,278	\$1,424,059
Additional Studies	\$2,263,170	\$2,263,170	\$0

The numbers above reflect the current financial assurance cost estimate in 2003 dollars to complete the specific reclamation projects listed. The third column of the table represents the portion of financial assurance that Tyrone requests to be released from the

financial assurance at this time. The current dollar amount for 1C/7A Stockpile unit was assumed to be distributed over a 13 year period in the closeout cost cash flow to yield the NPV amount of this request for the 1C/7A Stockpile Unit of \$5,426,777. The total amount of release requested is \$7,689,947 (including the cost of additional studies which were added to the financial assurance directly in 2003 dollars with no NPV calculation).

This request includes all the information required by the New Mexico Mining Act rules for a partial release of financial assurance. Attachments are provided that contain the following information:

Attachment A: Approved Financial Assurance Cash Flow and NPV Calculation December 23, 2009. This is the most recent financial assurance amount and was used as the starting basis for the calculations of financial assurance for the reduction presented herein. The 2009 cash flow and NPV calculation were previously reviewed and approved by the Mining and Minerals Division (MMD) and the New Mexico Environmental Department (NMED).

Attachment B: Financial Assurance Current Dollar Reduction Cost Estimate. This is the approved financial assurance estimate that provided the present day (2003) cost estimate that was used in the closeout cash flow for Attachment A and is the source of the direct cost present day estimates for the 1C/7A Stockpile Unit project listed above. The calculation of this request for financial assurance release (in 2003 dollars) is summarized in the last table of this attachment.

Attachment C: Proposed Modifications to Financial Assurance Cash Flow and NPV Calculation. This attachment provides the calculation of the amount that Tyrone requests be released at this time for comparison with the currently approved financial assurance (Attachment A) and the proposed method to distribute the release amount by year.

Attachment D: Present Day (2003) Financial Assurance Cost Estimate for the 1C/7A Stockpile Unit. This attachment contains information to help the reviewer understand the scope of work that has been completed through 2012 (including acres reclaimed, other pertinent construction facts) and relate the work completed to the approved financial assurance raw dollar costs contained in Attachment B. This attachment includes the following key sections: 1) Project Completion Facts; 2) Map(s) of Project Area and Photos of Completed Project Work; 3) Calculation of Financial Assurance Amount Corresponding to Completed Scope in 2003 Dollars (direct and indirect costs referenced to Attachment B); and 4) Summary of Remaining Financial Assurance amount if release is approved.

Attachment E: Present Day (2003) Financial Assurance Cost Estimate for Additional Studies. This attachment contains information to help the reviewer understand the scope of work that has been completed through 2012 on additional studies that have been part of the Tyrone financial assurance. This attachment contains a list of the additional studies

and the 2003 assigned cost for financial assurance purposes and an explanation of the completion status of the studies.

Attachment F: Public Notice Documentation. The list of individuals that Tyrone provided the public notice to via certified mail is provided in this attachment with an example copy of the notice letter. The list includes landowners of record within ½ mile of the property, state and federal agencies, local municipalities and interested parties. Also included in this attachment are affidavit documenting that the public notice for this application was published in the Silver City Daily Press in English and Spanish. The list of public areas where the notice was posted is also provided. These notices were provided in accordance with 19.10.12.1210 A (3), 19.10.903 NMAC.

Attachment G: Electronic Copy of Application Materials (provided on CD).

The estimate of total financial assurance (based on the 2003 estimate) required for remaining Closure/Closeout work at Tyrone is \$329,359,614 (current dollars) and \$177,869,685 (NPV). These amounts exclude the values for the Copper Mountain South Pit Expansion. With the Copper Mountain South Pit financial assurance obligation included, the remaining financial assurance required amount would be \$178,040,559 if this request is approved with no changes. The remaining financial assurance and remaining project scope of work for the 1C/7A Stockpile Unit is presented in Attachment D. There would be no remaining financial assurance for additional studies if this request is approved with no changes. The total financial assurance remaining includes the cost estimated to meet all remaining Closeout Plan requirements for GR010RE Revision 01-1.

Tyrone looks forward to the Director scheduling the required inspection of the Closeout measures completed in relation to this application.

Proposal to Modify Financial Assurance Instruments

An overview of the current Tyrone financial assurance and the instruments by which it has been implemented is provided in the Tyrone Mining Act Permit GR010RE Revision 01-1 and Tyrone Closeout Plan. This permit currently requires a total FA of \$185,730,505 (includes the Copper Mountain South Pit financial assurance). This amount of Financial Assurance is provided in the following portfolio of instruments: a cash trust fund (\$27,018,850 required or \$44,469,104 with accumulated interest as of October 31, 2012), two surety bonds (\$31,780,518), approved collateral (\$27,933,136), letter of credit for Copper Mountain South Pit (\$170,874), and a Third Party Guarantee (\$98,827,127) by Freeport-McMoRan Copper & Gold for a total required amount of \$185,730,505. With accumulated interest on the cash trust fund the actual total amount of financial assurance is \$203,199,609 which far exceeds the required amount.

Tyrone requests that the State agencies approve the following instruments and amounts for each to incorporate this reduction of financial assurance.

Instrument	Dollar Amount (not including interest)
Third Party Guarantee	\$91,137,181
Cash Trust – Tyrone Contributions	\$27,018,850
Collateral	\$27,933,136
Surety Bonds	\$31,780,518
Letter of Credit (Copper Mountain)	\$170,874
Total	\$178,040,559

In this request, all of the reduction is proposed to be taken out of the third party guarantee. No change is proposed to the collateral instruments, trust fund or letter of credit and the cash trust would continue to increase due to earnings. Tyrone is not requesting a reduction to the financial assurance to reflect earnings on the trust fund at this time, but reserves the right to request such a reduction in the future.

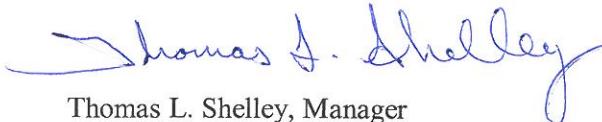
Proposed Permit GR010RE Modifications

Tyrone requests that Permit GR010RE Revision 01-1 be modified as follows and in all areas where specific financial assurance numbers are called out.

Introductory Paragraph and Financial Assurance Table as well as Section 9 – the new required amount of financial assurance should be changed from \$185,730,505 to \$178,040,559 and the respective instrument amounts should reflect the table above.

Included with this application is the \$1,000 permit modification fee. Tyrone appreciates your consideration of these issues. Please contact Lynn Lande at 575-912-5235 or if you require any additional information.

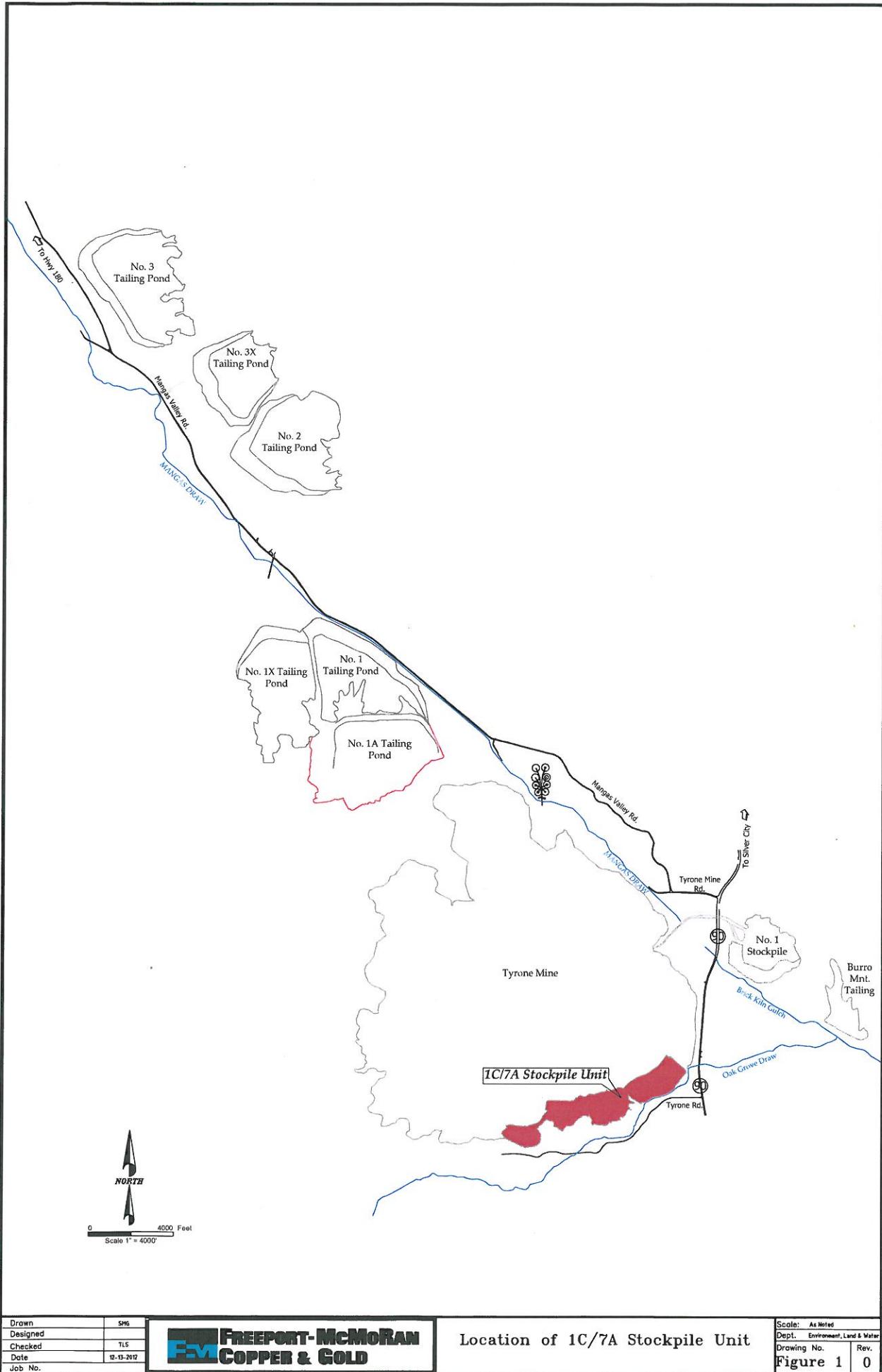
Sincerely,



Thomas L. Shelley, Manager
Reclamation

TLS:ml
Attachments
20121217-101

C: David Ohori, MMD
Holland Sheperd, MMD
Clint Marshall, NMED w/o attachments



Drawn	SMG
Designed	
Checked	TLS
Date	12-13-2012
Job No.	

FREEPORT-MCMORAN
COPPER & GOLD

Location of 1C/7A Stockpile Unit

Scale: As Noted
Dept. Environment, Land & Water
Drawing No. Rev.
Figure 1 0



For Inquiries Contact us via: E-Mail:
PHX-FSS_AP@FMI.com/ Phone: 602-366-8200 / Self service website: http://partners.fmi.com



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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
112012 GR010RE FINANCIAL ASSURANCE RELEASE	11/20/12		FREEPORT-MCMORAN CORPORA <small>T</small>	1,000.00	0.00	1,000.00
Check Number		Date	Vendor Number	Name		Total Amount
0000774524		11/21/12	0000101184	NM ENRGY MNRLS & NAT RES DPT		\$1,000.00

CH249 v 0.02 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 85004

CHECK NO.
0000774524

64-1278/611 G,

DATE OF CHECK
11/21/12

PAY: ONE THOUSAND AND 00/100 DOLLARS

CHECK AMOUNT
\$1,000.00

Security features included. Details on back.

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

Bank of America, N.A.

Authorized Signature

DOCUMENT CONTAINS A TRUE WATERMARK. DO NOT CASH IF THE WATERMARK IS NOT VISIBLE. SEE REVERSE SIDE FOR COMPLETE SECURITY FEATURES.

100000774524 10611127881 329999844510

Attachment A

**Approved Financial Assurance Cash Flow
And NPV Calculation
December 23, 2009**



State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES
DEPARTMENT
ENVIRONMENT DEPARTMENT

MINE CLOSURE FINANCIAL ASSURANCE SUMMARY

Tyrone Proposal for financial assurance

Permit	DP-1341& GR010RE	
Facility	Tyrone Mine	
Operator	Freeport McMoRan Tyrone, Inc.	
Address	P.O. Drawer 571 Tyrone, NM 88065	
Contact	Tom Shelley 575-912-5773	
Closure Cost (Current Dollars)	\$	337,606,062
Required Financial Assurance (NPV)	\$	185,559,631

Attachment A - Table 1. Current Cost Summary - Costs for Approved Work Completed through 2009 Removed

NEW MEXICO ED and MMD

DP-1341 & GR010RE Tyrone Mine Closure Financial Assurance

(From Table 9.1, AR DP-1341 A-308; NOTE: Current (2003) Cash flow reflecting Tyrone's reduced financial assurance for approved work completed through 2009).

Year	Earthwork	Reveg	Plant	Treatment	Maintenance	Total
1	2828963	0	18568573	6409000	0	27806536
2	3667331	20153	0	5319900	221000	9228384
3	9737251	60114	0	4206100	221000	14224466
4	9737251	84332	0	3603400	221000	13645984
5	9737251	109694	0	2889700	221000	12957646
6	9737251	148223	0	1978800	221000	12085275
7	9737251	182581	0	1952700	221000	12093534
8	9737251	182581	0	1922800	221000	12063633
9	9737251	200535	0	1891200	221000	12049987
10	9737251	235421	0	1869500	221000	12063173
11	9737251	235421	0	1842500	221000	12036173
12	9737251	235421	0	1815000	221000	12008673
13	9737251	263272	0	1792400	221000	12013924
14	704229	262274	0	1771500	221000	2959003
15	0	238289	0	1749300	221000	2208590
16	0	230463	0	1726100	221000	2177564
17	0	205101	0	1712800	221000	2138901
18	0	166573	0	1690500	221000	2078073
19	0	132213	0	1685100	221000	2038313
20	0	132213	0	1671200	221000	2024414
21	0	114261	0	1665700	221000	2000961
22	0	79373	0	1627400	221000	1927774
23	0	79373	0	1625300	221000	1925674
24	0	79373	0	1616000	221000	1916374
25	0	51522	0	1613900	221000	1886423
26	0	32368	0	1609400	221000	1862768
27	0	16391	0	1609400	221000	1846791
28	0	0	0	1600300	221000	1821300
29	0	0	0	1598100	221000	1819101
30	0	0	0	1595600	221000	1816600
31	0	0	0	1595600	221000	1816600
32	0	0	0	1593500	221000	1814500
33	0	0	0	1584400	221000	1805400
34	0	0	0	1584400	221000	1805400
35	0	0	0	1582000	221000	1803001
36	0	0	0	1582000	221000	1803001
37	0	0	0	1578600	221000	1799600
38	0	0	0	1578600	221000	1799600
39	0	0	0	1577100	221000	1798100
40	0	0	0	1577100	221000	1798100
41	0	0	608178	1568500	221000	2397678
42	0	0	0	1568500	221000	1789500
43	0	0	0	1568500	221000	1789500
44	0	0	0	1566100	221000	1787101
45	0	0	0	1566100	221000	1787101
46	0	0	0	1563800	221000	1784800
47	0	0	0	1563800	221000	1784800
48	0	0	0	1563800	221000	1784800
49	0	0	0	1561400	221000	1782400
50	0	0	0	1561400	221000	1782400
51	0	0	1556700	1561400	221000	3339100
52	0	0	0	1552700	221000	1773701
53	0	0	0	1552700	221000	1773701

Attachment A - Table 1. Current Cost Summary - Costs for Approved Work Completed through 2009 Removed

NEW MEXICO ED and MMD

DP-1341 & GR010RE Tyrone Mine Closure Financial Assurance

(From Table 9.1, AR DP-1341 A-308; NOTE: Current (2003) Cash flow reflecting Tyrone's reduced financial assurance for approved work completed through 2009).

Year	Earthwork	Reveg	Plant	Treatment	Maintenance	Total
54	0	0	0	1552700	221000	1773701
55	0	0	0	1550300	221000	1771300
56	0	0	0	1550300	221000	1771300
57	0	0	0	1550300	221000	1771300
58	0	0	0	1550300	221000	1771300
59	0	0	0	1547900	221000	1768901
60	0	0	0	1547900	221000	1768901
61	0	0	0	1547900	221000	1768901
62	0	0	0	1547900	221000	1768901
63	0	0	0	1545400	221000	1766400
64	0	0	0	1545400	221000	1766400
65	0	0	0	1545400	221000	1766400
66	0	0	0	1545400	221000	1766400
67	0	0	0	1536800	221000	1757801
68	0	0	0	1536800	221000	1757801
69	0	0	0	1536800	221000	1757801
70	0	0	0	1536800	221000	1757801
71	0	0	0	1536800	221000	1757801
72	0	0	0	1534300	221000	1755300
73	0	0	0	1534300	221000	1755300
74	0	0	0	1534300	221000	1755300
75	0	0	0	1534300	221000	1755300
76	0	0	0	1534300	221000	1755300
77	0	0	0	1534300	221000	1755300
78	0	0	0	1534300	221000	1755300
79	0	0	0	1531900	221000	1752901
80	0	0	0	1531900	221000	1752901
81	0	0	608178	1531900	221000	2361078
82	0	0	0	1531900	221000	1752901
83	0	0	0	1531900	221000	1752901
84	0	0	0	1531900	221000	1752901
85	0	0	0	1531900	221000	1752901
86	0	0	0	1531900	221000	1752901
87	0	0	0	1531900	221000	1752901
88	0	0	0	1529500	221000	1750500
89	0	0	0	1529500	221000	1750500
90	0	0	0	1529500	221000	1750500
91	0	0	0	1529500	221000	1750500
92	0	0	0	1529500	221000	1750500
93	0	0	0	1529500	221000	1750500
94	0	0	0	1529500	221000	1750500
95	0	0	0	1529500	221000	1750500
96	0	0	0	1529500	221000	1750500
97	0	0	0	1529500	221000	1750500
98	0	0	0	1529500	221000	1750500
99	0	0	0	1529500	221000	1750500
100	0	0	0	1529500	221000	1750500
Total	114310289	3777538	21341628	174034402	21879035	335342892

Attachment A - Table 2. Financial Assurance w/Cost Reduced for Approved Work Completed through 2009
NEW MEXICO ED & MMD

DP-1341 & GR010RE Tyrone Mine Closure Financial Assurance; NOTE: Reflects Tyrone's reduced financial assurance for approved work completed through 2009.

	Escalation Rate	Yr 1-12 Discount Rate	Yr 13-100 Discount Rate
Earth	3.64%	5.00%	8.00%
Water	3.17%	5.00%	8.00%

Component	Current Cost	NPV
Earthwork	\$139,966,862	\$110,428,742
Water Treatment	\$195,376,030	\$72,867,719
Additional Studies	\$2,263,170	\$2,263,170
Added Rec Cost	\$0	\$0
Total	\$337,606,062	\$185,559,631

Year	Earthwork Current Cost	Earthwork NPV	Water Treatment Current Cost	Water Treatment NPV
1	2,828,963	2,828,963	24,977,573	24,977,573
2	3,908,484	3,857,860	5,319,900	5,227,182
3	10,018,366	9,760,523	4,206,100	4,060,765
4	10,042,584	9,657,390	3,603,400	3,418,259
5	10,067,946	9,556,377	2,889,700	2,693,452
6	10,106,474	9,468,697	1,978,800	1,812,269
7	10,140,833	9,377,828	1,952,700	1,757,197
8	10,140,833	9,256,363	1,922,800	1,700,134
9	10,158,787	9,152,646	1,891,200	1,643,049
10	10,193,673	9,065,122	1,869,500	1,595,889
11	10,193,673	8,947,707	1,842,500	1,545,428
12	10,193,673	8,831,813	1,815,000	1,495,830
13	10,221,524	6,233,894	1,792,400	1,035,121
14	1,187,503	694,996	1,771,500	977,298
15	459,290	257,951	1,749,300	921,891
16	451,464	243,320	1,726,100	868,983
17	426,101	220,379	1,712,800	823,724
18	387,573	192,360	1,690,500	776,640
19	353,213	168,230	1,685,100	739,537
20	353,213	161,438	1,671,200	700,636
21	335,261	147,047	1,665,700	667,099
22	300,374	126,427	1,627,400	622,612
23	300,374	121,323	1,625,300	594,000
24	300,374	116,425	1,616,000	564,188
25	272,523	101,365	1,613,900	538,256
26	253,368	90,436	1,609,400	512,750
27	237,392	81,313	1,609,400	489,819
28	221,000	72,643	1,600,300	465,267
29	221,000	69,710	1,598,100	443,849
30	221,000	66,896	1,595,600	423,335
31	221,000	64,195	1,595,600	404,403
32	221,000	61,604	1,593,500	385,809
33	221,000	59,117	1,584,400	366,450
34	221,000	56,730	1,584,400	350,061
35	221,000	54,440	1,582,000	333,899
36	221,000	52,242	1,582,000	318,967
37	221,000	50,133	1,578,600	304,047
38	221,000	48,109	1,578,600	290,449
39	221,000	46,167	1,577,100	277,196
40	221,000	44,303	1,577,100	264,799
41	221,000	42,515	2,176,678	349,125
42	221,000	40,798	1,568,500	240,326
43	221,000	39,151	1,568,500	229,578
44	221,000	37,571	1,566,100	218,976
45	221,000	36,054	1,566,100	209,182
46	221,000	34,598	1,563,800	199,534

Attachment A - Table 2. Financial Assurance w/Cost Reduced for Approved Work Completed through 2009

Year	Earthwork Current Cost	Earthwork NPV	Water Treatment Current Cost	Water Treatment NPV
47	221,000	33,202	1,563,800	190,610
48	221,000	31,861	1,563,800	182,086
49	221,000	30,575	1,561,400	173,675
50	221,000	29,341	1,561,400	165,908
51	221,000	28,156	3,118,099	316,500
52	221,000	27,020	1,552,700	150,557
53	221,000	25,929	1,552,700	143,824
54	221,000	24,882	1,552,700	137,392
55	221,000	23,878	1,550,300	131,044
56	221,000	22,914	1,550,300	125,184
57	221,000	21,989	1,550,300	119,585
58	221,000	21,101	1,550,300	114,237
59	221,000	20,249	1,547,900	108,959
60	221,000	19,432	1,547,900	104,086
61	221,000	18,647	1,547,900	99,431
62	221,000	17,894	1,547,900	94,985
63	221,000	17,172	1,545,400	90,590
64	221,000	16,479	1,545,400	86,539
65	221,000	15,813	1,545,400	82,668
66	221,000	15,175	1,545,400	78,971
67	221,000	14,562	1,536,800	75,020
68	221,000	13,975	1,536,800	71,665
69	221,000	13,410	1,536,800	68,460
70	221,000	12,869	1,536,800	65,398
71	221,000	12,349	1,536,800	62,473
72	221,000	11,851	1,534,300	59,582
73	221,000	11,372	1,534,300	56,918
74	221,000	10,913	1,534,300	54,372
75	221,000	10,473	1,534,300	51,941
76	221,000	10,050	1,534,300	49,618
77	221,000	9,644	1,534,300	47,399
78	221,000	9,255	1,534,300	45,279
79	221,000	8,881	1,531,900	43,186
80	221,000	8,523	1,531,900	41,255
81	221,000	8,179	2,140,078	55,056
82	221,000	7,849	1,531,900	37,647
83	221,000	7,532	1,531,900	35,964
84	221,000	7,228	1,531,900	34,355
85	221,000	6,936	1,531,900	32,819
86	221,000	6,656	1,531,900	31,351
87	221,000	6,387	1,531,900	29,949
88	221,000	6,129	1,529,500	28,565
89	221,000	5,882	1,529,500	27,287
90	221,000	5,644	1,529,500	26,067
91	221,000	5,417	1,529,500	24,901
92	221,000	5,198	1,529,500	23,788
93	221,000	4,988	1,529,500	22,724
94	221,000	4,787	1,529,500	21,707
95	221,000	4,593	1,529,500	20,737
96	221,000	4,408	1,529,500	19,809
97	221,000	4,230	1,529,500	18,923
98	221,000	4,059	1,529,500	18,077
99	221,000	3,895	1,529,500	17,269
100	221,000	3,738	1,529,500	16,496
Total	139,966,862	110,428,742	195,376,030	72,867,719

Attachment B

**Financial Assurance Current Dollar
Reduction Cost Estimate**

BOND AMOUNT CALCULATION
New Mexico Mining and Minerals Division
General Information

Tyrone Mine
5/10/02

Applicant	Freeport-McMoRan Tyrone Inc. Tyrone, NM		
Permit Number	GR010RE	Contact	Tom Shelley 575/912-5773
Surface Area Permitted	~32,000 acres	Disturbed Surface Area	~9,000 acres
Type of Operation	Existing/Surface/Copper	Location	Tyrone
Prepared by: Assisted by:	Brian K. Johnson, P.E. Michael Tompson, E.I.T.	NMED Life-of-Mine Case (2008) 3.0:1 Inter-Bench Outslopes	\$219,821,223
Recommended MMD Bond			

BOND AMOUNT CALCULATION

New Mexico Mining and Minerals Division

Attachment B - Table 2 - Tab "13..Earthsum" - Color Coding of Original Earthwork Estimates to Show Each Cost Component Proposed for Reduction in 2009

Summary Calculation of Earthmoving Costs

Equipment Type	Task	Location 1		Location 2		Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Rq'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
		Stockpiles Area	Dozers-Earthmoving	Stockpiles Area	Dozers-Earthmoving							
D11N	Pushdown existing outslpes	No. 1 SP		Segment 1	219.43	25.00	95	23,148	43,796	cy	0.53	
D11N	Pushdown existing outslpes	No. 1 SP		Segment 2	219.43	25.00	733	179,075	372,037	cy	0.48	
D11N	Pushdown existing outslpes	No. 1 SP		Segment 3	219.43	25.00	185	45,174	100,556	cy	0.45	
D11N	Pushdown existing outslpes	No. 1 SP		Segment 4	219.43	25.00	29	7,000	22,333	cy	0.31	
D11N	Pushdown existing outslpes	No. 1 SP		Segment 5	219.43	25.00	0	0	0	cy	---	
D11N	Pushdown existing outslpes	No. 1A SP		Segment 1	219.43	25.00	2,204	538,682	479,630	cy	1.12	
D11N	Pushdown existing outslpes	No. 1A SP		Segment 2	219.43	25.00	2,610	637,927	482,796	cy	1.32	
D11N	Pushdown existing outslpes	No. 1A SP		Segment 3	219.43	25.00	279	68,136	89,889	cy	0.84	
D11N	Pushdown existing outslpes	No. 1A SP		Segment 4	219.43	25.00	394	96,267	90,000	cy	1.07	
D11N	Pushdown existing outslpes	No. 1A SP		Segment 5	219.43	25.00	617	150,819	156,967	cy	0.96	
0 vacant		0		0	219.43	25.00	0	0	0	cy	---	
0 vacant		0		0	219.43	25.00	0	0	0	cy	---	
0 vacant		0		0	219.43	25.00	0	0	0	cy	---	
0 vacant		0		0	219.43	25.00	0	0	0	cy	---	
0 vacant		0		0	219.43	25.00	0	0	0	cy	---	
D11N	Pushdown existing outslpes	No. 1B SP		Segment 1	219.43	25.00	246	60,020	191,494	cy	0.31	
D11N	Pushdown existing outslpes	No. 1B SP		Segment 2	219.43	25.00	1,453	355,130	350,455	cy	1.01	
D11N	Pushdown existing outslpes	No. 1B SP		Segment 3	219.43	25.00	2,132	521,054	394,344	cy	1.32	
D11N	Pushdown existing outslpes	No. 1B SP		Segment 4	219.43	25.00	1,009	246,742	292,924	cy	0.84	
D11N	Pushdown existing outslpes	No. 1B SP		Segment 5	219.43	25.00	1,171	286,280	382,345	cy	0.75	
D11N	Pushdown existing outslpes	No. 1B SP		Segment 6	219.43	25.00	133	32,407	103,395	cy	0.31	
D11N	Pushdown existing outslpes	No. 1C SP		Segment 1	219.43	25.00	31	7,652	19,872	cy	0.39	
D11N	Pushdown existing outslpes	No. 1C SP		Segment 2	219.43	25.00	409	99,933	189,078	cy	0.53	
D11N	Pushdown existing outslpes	No. 1C SP		Segment 3	219.43	25.00	95	23,199	60,247	cy	0.39	
D11N	Pushdown existing outslpes	No. 1C SP		Segment 4	219.43	25.00	1,064	259,958	414,701	cy	0.63	
D11N	Pushdown existing outslpes	No. 1C SP		Segment 5	219.43	25.00	0	0	0	cy	---	
D11N	Pushdown existing outslpes	No. 1C SP		Segment 6	219.43	25.00	9,359	2,434,285	1,625,573	cy	1.50	
D11N	Pushdown existing outslpes	No. 1C SP		Segment 7	219.43	25.00	1,791	437,561	409,092	cy	1.07	
D11N	Pushdown existing outslpes	No. 1C SP		Segment 8	219.43	25.00	9,397	2,296,936	1,533,654	cy	1.50	
D11N	Pullback: pioneer benching	No. 1C SP		Segment 9	219.43	25.00	0	0	40,278	cy	0.00	
D11N	Pullback: pioneer benching	No. 1C SP		Segment 10	219.43	25.00	0	0	60,185	cy	0.00	
0 vacant		0		Segment 11	219.43	25.00	0	0	42,130	cy	0.00	
0 vacant		0		0	219.43	25.00	0	0	0	cy	---	
0 vacant		0		0	219.43	25.00	0	0	0	cy	---	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 1	219.43	25.00	3,322	811,982	1,295,321	cy	0.63	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 2	219.43	25.00	3,928	886,906	980,520	cy	0.90	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 3	219.43	25.00	1,933	472,382	441,628	cy	1.07	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 4	219.43	25.00	2,209	539,886	721,053	cy	0.75	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 5	219.43	25.00	1,004	245,340	345,871	cy	0.71	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 6	219.43	25.00	71	17,408	55,542	cy	0.31	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 7	219.43	25.00	15	3,700	11,806	cy	0.31	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 8	219.43	25.00	236	57,652	128,285	cy	0.45	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 9	219.43	25.00	5	1,112	3,549	cy	0.31	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 10	219.43	25.00	0	0	0	cy	---	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 11	219.43	25.00	118	28,769	68,307	cy	0.42	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 12	219.43	25.00	151	37,023	87,905	cy	0.63	
D11N	Pushdown existing outslpes	No. 1D SP		Segment 13	219.43	25.00	407	99,504	188,267	cy	0.53	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 1	219.43	25.00	31	7,618	24,306	cy	0.31	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 2	219.43	25.00	100	24,341	54,181	cy	0.45	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 3	219.43	25.00	88	21,466	226,405	cy	0.78	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 4	219.43	25.00	1,328	324,981	66,896	cy	0.32	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 5	219.43	25.00	407	89,280	486,347	cy	0.67	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 6	219.43	25.00	33	8,052	142,424	cy	0.63	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 7	219.43	25.00	32	7,618	25,092	cy	0.32	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 8	219.43	25.00	726	177,405	23,288	cy	0.31	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 9	219.43	25.00	163	39,391	103,594	cy	0.39	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 10	219.43	25.00	0	0	0	cy	---	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 11	219.43	25.00	79	19,190	61,227	cy	0.31	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 12	219.43	25.00	0	0	0	cy	---	
D11N	Pushdown existing outslpes	No. 2 SP		Segment 13	219.43	25.00	590	144,186	272,808	cy	0.53	
D11N	Pushdown existing outslpes	No. 2A SP		Segment 1	219.43	25.00	6,420	1,569,321	1,187,694	cy	1.32	

BOND AMOUNT CALCULATION

New Mexico Mining and Minerals Division

Summary Calculation of Earthmoving Costs

Attachment B - Table 2 - Tab "13...Earthsum" - Color Coding of Original Earthwork Estimates to Show Each Cost Component Proposed for Reduction in 2009

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Reqd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 2	219.43	25.00	6.892	1,684,568	1,374,908	cy	1.23	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 3	219.43	25.00	0	0	0	cy	---	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 4	219.43	25.00	0	0	0	cy	---	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 5	219.43	25.00	498	121,751	388,450	cy	0.31	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 6	219.43	25.00	1,150	281,141	396,342	cy	0.71	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 7	219.43	25.00	23,469	6,958,610	3,356,051	cy	2.07	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 8	219.43	25.00	3,698	903,800	804,812	cy	1.12	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 9	219.43	25.00	9,348	2,284,907	1,474,961	cy	1.95	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 10	0	219.43	25.00	6,269	1,532,327	1,364,348	cy	1.12
0 vacant				0	219.43	25.00	0	0	0	---	
0 vacant				0	219.43	25.00	0	0	0	---	
D11N	Pushdown existing outislopes	No. 2A SP	Segment 11	219.43	25.00	3,945	964,378	1,230,746	cy	0.78	

Tyrene Mine
Worksheet #13
05/10/02

BOND AMOUNT CALCULATION
New Mexico Mining and Minerals Division
Summary Calculation of Earthmoving Costs

Attachment B - Table 2 - Tab "13...Earthsum" - Color Coding of Original Earthwork Estimates to Show Each Cost Component Proposed for Reduction in 2009

Tyrene Mine Worksheet #13 05/10/02										
	Equipment Type	Task	Location 1	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Reqd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
	D11N	Pushdown existing outlopes	No. 2A SP	Segment 12 219.43	25.00	8.162	1,994.932	0	0	...
	D11N	Pushdown existing outlopes	No. 3 SP	Segment 1 219.43	25.00	27.113	6,927.343	4,425.625	cy	0.90
	D11N	Pushdown existing outlopes	No. 3 SP	Segment 2 219.43	25.00	10.065	2,460.207	2,007.968	cy	1.50
	D11N	Pushdown existing outlopes	No. 3 SP	Segment 3 219.43	25.00	1.110	271.256	382.407	cy	1.23
	D11N	Pushdown existing outlopes	No. 3 SP	Segment 4 219.43	25.00	0	0	0	0	0.71
	D11N	Pushdown existing outlopes	No. 3 SP	Segment 5 219.43	25.00	0	0	0	0	...
	D11N	Pushdown existing outlopes	No. 3 SP	Segment 6 219.43	25.00	36	8,880	28,333	cy	0.31
	D11N	Pushdown existing outlopes	No. 3 SP	Segment 7 219.43	25.00	482	117,854	278,825	cy	0.42
	D11N	Pushdown existing outlopes	No. 38 SP	Segment 1 219.43	25.00	813	198.791	297.948	cy	0.67
	D11N	Pushdown existing outlopes	No. 38 SP	Segment 2 219.43	25.00	56	13,685	30,462	cy	0.45
	D11N	Pushdown existing outlopes	No. 38 SP	Segment 3 219.43	25.00	672	164.236	341.333	cy	0.48
	D11N	Pushdown existing outlopes	No. 38 SP	Segment 4 219.43	25.00	516	126,014	280,500	cy	0.45
	D11N	Pushdown existing outlopes	No. 38 SP	Segment 5 219.43	25.00	161	39,420	125,771	cy	0.31
	D11N	Pushdown existing outlopes	No. 38 SP	Segment 6 219.43	25.00	9,018	2,204.169	1,717,224	cy	1.28
	All Segments					0	0	0	0	...
	D11N	Pushdown existing outlopes	Main Pit SP	Segment 1 219.43	25.00	0	0	0	0	...
	D11N	Pushdown existing outlopes	Main Pit SP	Segment 2 219.43	25.00	0	0	0	0	...
	D11N	Pushdown existing outlopes	Main Pit SP	Segment 3 219.43	25.00	0	0	0	0	...
	D11N	Pushdown existing outlopes	Gettysburg In-Pit SP	All Segments 219.43	25.00	0	0	0	0	...
	D11N	Pushdown existing outlopes	Gettysburg Out-Pit SP	Segment 1 219.43	25.00	204	49,865	129,496	cy	0.39
	D11N	Pushdown existing outlopes	East Main Pit SP	Segment 1 219.43	25.00	1,220	298,151	951,257	cy	0.31
	D11N	Pushdown existing outlopes	Savanna Stockpile	Segment 1 219.43	25.00	138	33,671	107,429	cy	0.31
	D11N	Pushdown existing outlopes	Savanna Stockpile	Segment 2 219.43	25.00	280	68,376	218,156	cy	0.31
	D11N	Pushdown existing outlopes	Raffinate Tanks OB SP	Segment 1 219.43	25.00	15	3,718	11,861	cy	0.31
	Dozers-Grading									
	D11N	Grade existing surface	No. 1 SP	top 219.43	25.00	19	4,534	103.7	ac	43.72
	D11N	Grade existing surface	No. 1A SP	top 219.43	25.00	3	632	14.4	ac	43.72
	D11N	Grade existing surface	No. 1B SP	top 219.43	25.00	9	2,203	50.4	ac	43.72
	D11N	Grade existing surface	No. 1C SP	top 219.43	25.00	29	6,980	159.6	ac	43.72
	D11N	Grade existing surface	No. 1D SP	top 219.43	25.00	9	2,214	50.6	ac	43.72
	D11N	Grade existing surface	No. 2 SP	top 219.43	25.00	81	19,772	452.2	ac	43.72
	D11N	Grade existing surface	No. 2A SP	top 219.43	25.00	15	3,558	81.4	ac	43.72
	D11N	Grade existing surface	No. 3 SP	top 219.43	25.00	5	1,199	27.4	ac	43.72
	D11N	Grade existing surface	No. 3B SP	top 219.43	25.00	16	4,016	91.9	ac	43.72
	D11N	Grade existing surface	No. 9A SP	top 219.43	25.00	0	0	0	0	...
	D11N	Grade existing surface	Main Pit SP	top 219.43	25.00	0	0	0	0	...
	D11N	Grade existing surface	Gettysburg In-Pit SP	top 219.43	25.00	0	0	0	0	...
	D11N	Grade existing surface	Gettysburg Out-Pit SP	top 219.43	25.00	16	3,629	83.0	ac	43.72
	D11N	Grade existing surface	East Main Pit SP	top 219.43	25.00	0	0	0	0	...
	D11N	Grade existing surface	Savanna Stockpile	top 219.43	25.00	0	0	0	0	...
	D11N	Grade existing surface	USNR Stockpile	top 219.43	25.00	1	87	2.0	ac	43.72
	D11N	Grade existing surface	Raffinate Tanks OB SP	top 219.43	25.00	0	0	0	0	...
	D11N	Grade existing surface	No. 1 SP	top 219.43	25.00	1	306	7.0	ac	43.72
	D11N	Grade existing surface	No. 1A SP	top 219.43	25.00	11	2,789	103.7	ac	26.90
	D11N	Grade existing surface	No. 1B SP	top 219.43	25.00	2	389	14.4	ac	26.90
	D11N	Grade existing surface	No. 1C SP	top 219.43	25.00	6	1,355	50.4	ac	26.90
	D11N	Grade existing surface	No. 1D SP	top 219.43	25.00	18	4,294	159.6	ac	26.90
	D11N	Grade GC material	No. 2 SP	top 219.43	25.00	6	1,362	50.6	ac	26.90
	D11N	Grade GC material	No. 2A SP	top 219.43	25.00	50	12,163	452.2	ac	26.90
	D11N	Grade GC material	No. 3 SP	top 219.43	25.00	9	2,189	81.4	ac	26.90
	D11N	Grade GC material	No. 3B SP	top 219.43	25.00	3	737	27.4	ac	26.90
	D11N	Grade GC material	No. 9A SP	top 219.43	25.00	1	2,711	91.9	ac	26.90
	D11N	Grade GC material	Main Pit SP	top 219.43	25.00	0	0	0	0	...
	D11N	Grade GC material	Gettysburg In-Pit SP	top 219.43	25.00	6	1,362	50.6	ac	26.90
	D11N	Grade GC material	Gettysburg Out-Pit SP	top 219.43	25.00	12	3,009	156.6	ac	19.21
	D11N	Grade GC material	East Main Pit SP	top 219.43	25.00	0	0	0	0	...
	D11N	Grade GC material	Savanna Stockpile	top 219.43	25.00	0	0	0	0	...
	D11N	Grade GC material	USNR Stockpile	top 219.43	25.00	1	188	7.0	ac	19.21
	D11N	Grade GC material	Raffinate Tanks OB SP	top 219.43	25.00	0	0	0	0	...
	D11N	Grade GC material	No. 1 SP	outlopes 219.43	25.00	6	1,491	77.6	ac	19.21
	D11N	Grade GC material	No. 1B SP	outlopes 219.43	25.00	5	1,174	61.1	ac	19.21
	D11N	Grade GC material	No. 1C SP	outlopes 219.43	25.00	12	3,009	156.6	ac	19.21
	D11N	Grade GC material	No. 1D SP	outlopes 219.43	25.00	19	2,958	154.0	ac	19.21
	D11N	Grade GC material	No. 2 SP	outlopes 219.43	25.00	12	3,019	152.8	ac	19.21
	D11N	Grade GC material	No. 2A SP	outlopes 219.43	25.00	32	4,051	205.1	ac	19.21
	D11N	Grade GC material	No. 3 SP	outlopes 219.43	25.00	24	5,901	307.1	ac	19.21
	D11N	Grade GC material	No. 3B SP	outlopes 219.43	25.00	4	1,052	54.8	ac	19.21

BOND AMOUNT CALCULATION

New Mexico Mining and Minerals Division
Summary Calculation of Earthmoving Costs

Attachment B - Table 2 - Tab "13...Earthsum" - Color Coding of Original Earthwork Estimates to Show Each Cost Component Proposed for Reduction in 2009

Equipment Type	Task	Location 1		Location 2		Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Rqd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
		Cost	Req'd	Cost	Cost							
D11N	Grade GC material	No. 9A SP	outslopes	219.43	25.00	0	0	0	0	0.0	ac	---
D11N	Grade GC material	Main Pit SP	outslopes	219.43	25.00	0	0	0	0	0.0	ac	---
D11N	Grade GC material	Gettysburg In-Pit SP	outslopes	219.43	25.00	0	0	0	0	0.0	ac	---
D11N	Grade GC material	Gettysburg Out-Pit SP	outslopes	219.43	25.00	1	134	7.0	134	7.0	ac	19.21
D11N	Grade GC material	East Main Pit SP	outslopes	219.43	25.00	0	0	0	0	0	ac	19.21
D11N	Grade GC material	Savanna Stockpile	outslopes	219.43	25.00	1	71	3.7	71	3.7	ac	19.21
D11N	Grade GC material	USNR Stockpile	outslopes	219.43	25.00	1	346	18.0	346	18.0	ac	19.21
D11N	Grade GC material	Raffinate Tanks QB SP	outslopes	219.43	25.00	0	0	0	0	0.0	ac	---
D11N	Grade GC material	Mine Maintenance	at foundations	219.43	25.00	0	38	2.0	38	2.0	ac	19.21
D11N	Grade GC material	SX/EW Plant	at foundations	219.43	25.00	0	0	0	0	0.0	ac	---

Tyrene Mine
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BOND AMOUNT CALCULATION
New Mexico Mining and Minerals Division
Summary Calculation of Earthmoving Costs

Attachment B - Table 2 - Tab "13...Earthsum" - Color Coding of Original Earthwork Estimates to Show Each Cost Component Proposed for Reduction in 2009

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Reqd (hrs)	Total Cost (\$)	Total Production	Prod Unit	Unit Cost (\$/unit)
Rippers										
D11N	Rip existing surface	No. 1 SP	top	245.47	25.00	61	16,449	104	ac	158.64
D11N	Rip existing surface	No. 1A SP	top	245.47	25.00	8	2,232	14	ac	158.64
D11N	Rip existing surface	No. 1B SP	top	245.47	25.00	30	7,935	50	ac	158.64
D11N	Rip existing surface	No. 1C SP	top	245.47	25.00	94	25,325	160	ac	158.64
D11N	Rip existing surface	No. 1D SP	top	245.47	25.00	30	8,033	51	ac	158.64
D11N	Rip existing surface	No. 2 SP	top	245.47	25.00	285	7,178	452	ac	158.64
D11N	Rip existing surface	No. 2A SP	top	245.47	25.00	48	12,910	81	ac	158.64
D11N	Rip existing surface	No. 3 SP	top	245.47	25.00	16	4,350	27	ac	158.64
D11N	Rip existing surface	No. 3B SP	top	245.47	25.00	54	14,572	92	ac	158.64
D11N	Rip existing surface	No. 9A SP	top	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	Main Pit SP	top	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	Gettysburg In-Pit SP	top	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	Gettysburg Out-Pit SP	top	245.47	25.00	49	13,167	83	ac	158.64
D11N	Rip existing surface	East Main Pit SP	top	245.47	25.00	2	437	3	ac	158.64
D11N	Rip existing surface	Savanna Stockpile	top	245.47	25.00	1	317	2	ac	158.64
D11N	Rip existing surface	USRH Stockpile area	top	245.47	25.00	4	1,110	7	ac	158.64
D11N	Rip existing surface	Raffinate Tanks OB SP	top	245.47	25.00	4	1,110	7	ac	158.64
D11N	Rip existing surface	Haul Roads	all surfaces	245.47	25.00	29	7,932	50	ac	158.64
D11N	Rip existing surface	Mine Maintenance	exposed soil	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	SX/EW Plant	all surfaces	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	Reservoirs	out slopes	245.47	25.00	NA	7,932	50	ac	158.64
D11N	Rip existing surface	all stockpiles	all surfaces	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	Miscellaneous	all surfaces	245.47	25.00	59	15,864	100	ac	158.64
 Loaders										
EX3500	Load GC material on trucks	No. 1D SP	568.73	25.00	424	251,606	978,578	cy	0.26	0.26
EX3500	Load GC material on trucks	No. 1 SP borrow area	568.73	25.00	12	7,395	30,613	cy	0.24	0.24
EX3500	Load GC material on trucks	No. 1A SP	568.73	25.00	186	110,294	420,419	cy	0.26	0.26
EX3500	Load GC material on trucks	No. 1B SP	568.73	25.00	469	278,341	1,152,268	cy	0.24	0.24
EX3500	Load GC material on trucks	No. 1C SP	568.73	25.00	725	430,204	1,745,414	cy	0.25	0.25
EX3500	Load GC material on trucks	No. 1D SP	568.73	25.00	648	384,932	1,593,530	cy	0.24	0.24
EX3500	Load GC material on trucks	No. 2 SP	568.73	25.00	1,384	821,571	3,391,641	cy	0.24	0.24
EX3500	Load GC material on trucks	No. 2A SP	568.73	25.00	1,168	693,509	2,707,712	cy	0.26	0.26
EX3500	Load GC material on trucks	No. 3 SP	568.73	25.00	806	478,451	1,882,202	cy	0.26	0.26
EX3500	Load GC material on trucks	No. 3B SP	568.73	25.00	357	211,673	816,171	cy	0.26	0.26
EX3500	Load GC material on trucks	No. 9A SP	568.73	25.00	0	0	0	cy	---	---
EX3500	Load GC material on trucks	Main Pit SP	568.73	25.00	0	0	0	cy	---	---
EX3500	Load GC material on trucks	Gettysburg In-Pit SP	568.73	25.00	0	0	0	cy	---	---
EX3500	Load GC material on trucks	Gettysburg Out-Pit SP	568.73	25.00	204	121,007	500,940	cy	0.24	0.24
EX3500	Load GC material on trucks	East Main Pit SP	568.73	25.00	15	9,027	35,778	cy	0.25	0.25
EX3500	Load GC material on trucks	Savanna Stockpile	568.73	25.00	45	26,890	111,320	cy	0.24	0.24
EX3500	Load GC material on trucks	USRH Stockpile area	568.73	25.00	0	0	0	cy	---	---
EX3500	Load GC material on trucks	Raffinate Tanks OB SP	568.73	25.00	20	12,101	50,094	cy	0.24	0.24
EX3500	Load GC material on trucks	Mine Maintenance	568.73	25.00	0	0	0	cy	---	---
EX3500	Load GC material on trucks	SX/EW Plant	568.73	25.00	0	0	0	cy	---	---
EX3500	Load GC material on trucks	Segment 9	568.73	25.00	2,381	1,413,661	5,852,222	cy	0.24	0.24
EX3500	Load GC material on trucks	Segment 10	568.73	25.00	6,916	4,106,468	16,999,811	cy	0.24	0.24
EX3500	Load GC material on trucks	Segment 11	568.73	25.00	2,426	1,440,205	5,962,111	cy	0.24	0.24
0	0	0	568.73	25.00	0	0	0	cy	---	---
0	0	0	568.73	25.00	0	0	0	cy	---	---
0	0	0	568.73	25.00	0	0	0	cy	---	---
0	0	0	568.73	25.00	0	0	0	cy	---	---
0	0	0	568.73	25.00	0	0	0	cy	---	---
0	0	0	568.73	25.00	0	0	0	cy	---	---
0	0	0	568.73	25.00	0	0	0	cy	---	---
 Tyrene Mine Worksheet #13 05/10/02										

Attachment B - Table 2 - Tab "13...Earthsum" - Color Coding of Original Earthwork Estimates to Show Each Cost Component Proposed for Reduction in 2009

BOND AMOUNT CALCULATION
New Mexico Mining and Minerals Division
Summary Calculation of Earthmoving Costs

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (%)	Total Production	Prod. Unit	Prod. Unit	Unit Cost (\$/unit)
Trucks	Haul GC material	No. 1D SP	No. 1 SP	264.55	25.00	3,390	981,619	978,578	cy	1.00	
1 530M	Haul GC material	No. 1 SP borrow area	No. 1 SP	264.55	25.00	37	10,819	30,613	cy	0.35	
1 530M	Haul GC material	No. 1D SP	No. 1A SP	264.55	25.00	1,672	484,091	420,419	cy	1.15	
1 530M	Haul GC material	No. 1D SP	No. 1B SP	264.55	25.00	4,219	1,221,668	1,152,288	cy	1.06	
1 530M	Haul GC material	No. 1D SP	No. 1C SP	264.55	25.00	7,246	2,038,098	1,745,414	cy	1.20	
1 530M	Haul GC material	No. 1D SP	No. 1D SP	264.55	25.00	1,945	563,169	1,593,530	cy	0.35	
1 530M	Haul GC material	No. 1D SP	No. 2 SP	264.55	25.00	20,756	6,009,923	3,391,641	cy	1.77	
1 530M	Haul GC material	No. 1D SP	No. 2A SP	264.55	25.00	15,165	4,396,716	2,707,712	cy	1.62	
1 530M	Haul GC material	No. 1D SP	No. 3 SP	264.55	25.00	7,253	2,059,969	1,862,202	cy	1.13	
1 530M	Haul GC material	No. 1D SP	No. 3B SP	264.55	25.00	3,209	929,053	816,171	cy	1.14	
1 530M	Haul GC material	No. 1D SP	No. 9A SP	264.55	25.00	0	0	0	cy	---	
1 530M	Haul GC material	No. 1D SP	Main Pit SP	264.55	25.00	0	0	0	cy	---	
1 530M	Haul GC material	No. 1D SP	Gettysburg In-Pit SP	264.55	25.00	0	0	0	cy	---	
1 530M	Haul GC material	No. 1D SP	Gettysburg Out-Pit SP	264.55	25.00	2,446	708,148	500,940	cy	1.41	
1 530M	Haul GC material	No. 1D SP	East Main Pit SP	264.55	25.00	91	26,415	35,778	cy	0.74	
1 530M	Haul GC material	No. 1D SP	Savanna Stockpile	264.55	25.00	382	104,911	111,320	cy	0.94	
1 530M	Haul GC material	No. 1D SP	USNR Stockpile area	264.55	25.00	0	0	0	cy	---	
1 530M	Haul GC material	No. 1D SP	Raffinate Tanks QB SP	264.55	25.00	204	59,012	50,094	cy	1.18	
1 530M	Haul GC material	No. 1D SP	Mine Maintenance	264.55	25.00	0	0	0	cy	---	
1 530M	Haul GC material	No. 1D SP	SX/EW Plant	264.55	25.00	0	0	0	cy	---	
1 530M	Haul GC material	No. 1C SP	Segment 9	264.55	25.00	4,762	1,378,821	5,852,222	cy	0.24	
1 530M	Haul GC material	No. 1C SP	Segment 10	264.55	25.00	13,833	4,005,285	16,999,811	cy	0.24	
1 530M	Haul GC material	No. 1C SP	Segment 11	264.55	25.00	4,851	1,404,712	5,962,111	cy	0.24	
0 vacant	0	0	264.55	25.00	0	0	0	0	cy	---	
0 vacant	0	0	264.55	25.00	0	0	0	0	cy	---	
0 vacant	0	0	264.55	25.00	0	0	0	0	cy	---	
0 vacant	0	0	264.55	25.00	#DIV/0!	0	0	0	cy	---	
0 vacant	0	0	264.55	25.00	#DIV/0!	0	0	0	cy	---	
0 vacant	0	0	264.55	25.00	0	0	0	0	cy	---	
0 vacant	0	0	264.55	25.00	0	0	0	0	cy	---	
0 vacant	0	0	264.55	25.00	0	0	0	0	cy	---	
							15,396,679				

Tyrene Mine
Worksheet #13
05/10/02

BOND AMOUNT CALCULATION
New Mexico Mining and Minerals Division

Summary Calculation of Earthmoving Costs

Attachment B - Table 2 - Tab "13...Earthsum" - Color Coding of Original Earthwork Estimates to Show Each Cost Component Proposed for Reduction in 2009

Tyrene Mine Worksheet #13 05/10/02										
Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
Tailings Area										
Dozers-Grading										
D8R	Grade existing surface	TP 1	top	80.50	25.00	191	46,754	163,875	cy	0.29
D8R	Grade existing surface	TP 1A	top	80.50	25.00	73	17,747	50,097	cy	0.35
D8R	Grade existing surface	TP 1X	top	80.50	25.00	490	119,388	276,383	cy	0.43
D8R	Grade existing surface	TP 2	top	80.50	25.00	72	17,643	42,334	cy	0.42
D8R	Grade existing surface	TP 3	top	80.50	25.00	50	5,224	317.0	ac	16.48
D8R	Grade existing surface	TP 3X	top	80.50	25.00	51	5,339	324.0	ac	16.48
D8R	Grade existing surface	Burro Mountain TP	top	80.50	25.00	32	3,778	205.0	ac	16.48
D11N	Grade GC material	TP 1	top	219.43	25.00	7	6,892	42.0	ac	16.48
D11N	Grade GC material	TP 1A	top	219.43	25.00	26	6,428	239.0	ac	26.90
D11N	Grade GC material	TP 1X	top	219.43	25.00	30	7,397	275.0	ac	26.90
D11N	Grade GC material	TP 2	top	219.43	25.00	37	8,984	334.0	ac	26.90
D11N	Grade GC material	TP 3	top	219.43	25.00	35	8,826	317.0	ac	26.90
D11N	Grade GC material	TP 3X	top	219.43	25.00	36	8,715	324.0	ac	26.90
D11N	Grade GC material	Burro Mountain TP	top	219.43	25.00	23	5,514	205.0	ac	26.90
D11N	Grade GC material	TP 1	out slopes	219.43	25.00	5	1,130	42.0	ac	26.90
D11N	Grade GC material	TP 1A	out slopes	219.43	25.00	10	2,338	113.0	ac	20.69
D11N	Grade GC material	TP 1X	out slopes	219.43	25.00	4	884	46.0	ac	19.21
D11N	Grade GC material	TP 2	out slopes	219.43	25.00	4	890	43.0	ac	20.69
D11N	Grade GC material	TP 3	out slopes	219.43	25.00	9	2,193	106.0	ac	20.69
D11N	Grade GC material	TP 3X	out slopes	219.43	25.00	10	2,462	119.0	ac	20.69
D11N	Grade GC material	Burro Mountain TP	out slopes	219.43	25.00	6	1,552	75.0	ac	19.21
D11N	Grade GC material	TP misc. dist.	all surfaces	219.43	25.00	11	307	16.0	ac	19.21
Rippers										
D11N	Rip existing surface	TP 1	top	245.47	25.00	140	37,915	239	ac	158.64
D11N	Rip existing surface	TP 1A	top	245.47	25.00	161	43,627	275	ac	158.64
D11N	Rip existing surface	TP 1X	top	245.47	25.00	196	52,987	334	ac	158.64
D11N	Rip existing surface	TP 2	top	245.47	25.00	186	50,290	317	ac	158.64
D11N	Rip existing surface	TP 3	top	245.47	25.00	190	51,100	324	ac	158.64
D11N	Rip existing surface	TP 3X	top	245.47	25.00	120	32,522	205	ac	158.64
D11N	Rip existing surface	Burro Mountain TP	top	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	TP 1	out slopes	245.47	25.00	66	17,927	113	ac	158.64
D11N	Rip existing surface	TP 1A	out slopes	245.47	25.00	27	7,298	46	ac	158.64
D11N	Rip existing surface	TP 1X	out slopes	245.47	25.00	43	8,822	106	ac	158.64
D11N	Rip existing surface	TP 2	out slopes	245.47	25.00	62	16,816	119	ac	158.64
D11N	Rip existing surface	TP 3	out slopes	245.47	25.00	70	18,378	75	ac	158.64
D11N	Rip existing surface	TP 3X	out slopes	245.47	25.00	44	11,988	0	ac	---
D11N	Rip existing surface	Burro Mountain TP	out slopes	245.47	25.00	0	0	0	ac	---
Loaders										
EX3500	Load GC material on trucks	TP BM Borrow	Burro Mountain TP	568.73	25.00	128	75,818	322,828	cy	0.23
EX3500	Load GC material on trucks	TP misc. dist.	Burro Mountain TP	568.73	25.00	74	43,961	185,533	cy	0.24
Trucks										
530M	Haul GC material	TP BM Borrow	Burro Mountain TP	264.55	25.00	1,277	369,747	322,828	cy	1.15
530M	Haul GC material	TP Borrow	Burro Mountain TP	264.55	25.00	222	64,170	185,533	cy	0.35
Scrapers										
D9	Scraper assist w/ dozer	TP 1 Borrow	TP 1	117.76	25.00	8,043	1,148,256	1,959,232	cy	0.59
D9	Scraper assist w/ dozer	TP 1A Borrow	TP 1A	117.76	25.00	7,335	1,047,131	1,786,686	cy	0.59
D9	Scraper assist w/ dozer	TP 1X Borrow	TP 1X	117.76	25.00	8,614	1,229,008	2,098,382	cy	0.59
D9	Scraper assist w/ dozer	TP 2 Borrow	TP 2	117.76	25.00	9,666	1,379,864	2,354,418	cy	0.59
D9	Scraper assist w/ dozer	TP 3 Borrow	TP 3	117.76	25.00	10,123	1,445,106	2,445,738	cy	0.59
D9	Scraper assist w/ dozer	TP 3X Borrow	TP 3X	117.76	25.00	7,021	1,710,154	2,700,258	cy	0.59
651E	Haul GC material w/ scrapers	TP 1 Borrow	TP 1	174.03	25.00	8,043	1,600,958	1,959,232	cy	0.82
651E	Haul GC material w/ scrapers	TP 1A Borrow	TP 1A	174.03	25.00	7,335	1,459,874	1,786,686	cy	0.82
651E	Haul GC material w/ scrapers	TP 1X Borrow	TP 1X	174.03	25.00	8,614	1,741,556	2,098,382	cy	0.82
651E	Haul GC material w/ scrapers	TP 2 Borrow	TP 2	174.03	25.00	9,666	1,923,759	2,354,418	cy	0.82
651E	Haul GC material w/ scrapers	TP 3 Borrow	TP 3	174.03	25.00	10,123	2,014,217	2,445,738	cy	0.82
651E	Haul GC material w/ scrapers	TP 3X Borrow	TP 3X	174.03	25.00	7,021	1,397,340	24,749,219	cy	0.82

Attachment B - Table 2 - Tab "13...Earthsum" - Color Coding of Original Earthwork Estimates to Show Each Cost Component Proposed for Reduction in 2009

BOND AMOUNT CALCULATION

New Mexico Mining and Minerals Division

Summary Calculation of Earthmoving Costs

Tyone Mine

Worksheet #13

05/10/02

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
Tailing Pipeline Corridor										
Dozers-Earthmoving	0	0	0	219.43	25.00	0	0	0	cy	NA
Dozers-Grading	D11N Grade GC material	Pipeline Corridor	219.43	25.00	3	652	24	ac		26.90
Rippers	D11N Rip existing surface	Pipeline Corridor	245.47	25.00	14	3,846	24	ac		158.64
Loaders	EX3500 Load GC material on trucks	Pipeline Corridor	568.73	25.00	16	9,756	44,978	cy		0.22
Trucks	530M Haul GC material	Pipeline Corridor	284.55	25.00	55	16,010	44,978	cy		0.36
							Total Cost	\$100,059,460		

BOND AMOUNT CALCULATION
New Mexico Mining and Minerals Division
Summary Calculation of Earthmoving Costs

Attachment B - Table 2 - Tab "13...Earthsum" - Color Coding of Original Earthwork Estimates to Show Each Cost Component Proposed for Reduction in 2009

Tyrone Mine Worksheet #13 05/10/02										
Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
EQUIPMENT										
Equipment Description				Owning and Operating Cost (\$/hr)	Fuel Cost (\$/hr)					
Cat D11N Bulldozer w/ adjustable parallelogram				231.56	39.08					219.43
Cat D8R Bulldozer				257.60	39.08					245.47
Cat D9R Bulldozer				85.25	15.29					80.50
Cat D9T Scraper				124.22	20.81					117.76
Cat D350E Series II Articulated Truck				183.44	30.31					174.03
Komatsu 530M Truck				90.64	10.79					86.95
Cat 777D Truck				278.87	41.86					264.55
Hitchi EX3500-2 Shovel				194.23	28.52					184.47
Cat 990 Loader				603.58	112.29					568.73
Cat 16H Motor Grader				176.24	29.00					167.24
Off-Hwy Water Tanker Truck, 10,000-gal.				79.61	12.76					75.65
Light Duty Truck, 4x4, 1 ton				123.34	23.32					115.36
				9.68	2.37					8.87
FUEL										
Oil Broker Quote (\$0.84/gal) + contingency (\$0.16 gal)										\$1.00 per gallon
Base Diesel Cost, Tractors & Earthmoving										\$1.45 per gallon
Base Diesel Cost, Trucks										\$1.52 per gallon
Base Diesel Cost, Excavating										\$1.45 per gallon
Fuel Adjustment Factor, Tractors & Earthmoving										-31.03%
Fuel Adjustment Factor, Trucks										-34.21%
Fuel Adjustment Factor, Excavating										-31.03%
LABOR										
Labor Description	NMDOL Type A Operator Group	NMDOL Type A Operator Classification	NMDOL Type A Operator Classification	Minimum Base Rate (\$/hr)	Minimum Fringe Rate (\$/hr)	Nominal Total Rate (\$/hr)				
Operator, Cat D11N Bulldozer	Equipment Operator VIII	Bulldozer (multi. units)	Bulldozer (multi. units)	12.60	0.26	25.00				
Operator, Komatsu 530M Truck	Truck Driver III	Off-Highway Hauler	Off-Highway Hauler	10.73	0.28	25.00				
Operator, Hitachi EX3500-2 Shovel	Shovel (over 3 cy)	Equipment Operator VII	Shovel (over 3 cy)	12.60	0.28	25.00				
Operator, Cat 992G Loader	Loader (over 10 cy)	Equipment Operator VI	Loader (over 10 cy)	12.40	0.26	25.00				
Operator, Cat 16H Motor Grader	Motor Grader	Equipment Operator IV	Motor Grader	12.25	0.26	25.00				
Operator, 10,000-gallon Water Truck	Tank Truck (over 6,000 gallons)	Equipment Operator III	Tank Truck (over 6,000 gallons)	10.73	0.28	25.00				
Mechanic	Mechanic and/or Welder	Equipment Operator VI	Mechanic and/or Welder	12.40	0.26	25.00				
Oiler	Oiler	Equipment Operator II	Oiler	11.65	0.26	25.00				

BOND AMOUNT CALCULATION
New Mexico Mining and Minerals Division

Summary Calculation of Earthmoving Costs

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Reqd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
1 Data Sources: Primedia Cost Reference Guide for Construction Equipment (2001) Porter Oil, Silver City, NM (February 2002)										

The portion of the financial assurance amount for earthwork at pits and adjacent stockpiles, including the following units, is to be evaluated through a feasibility study as specified in DP-1-34.1 for the New Mexico Environment Department and through the MMD permit revision process for establishing a closure plan under the New Mexico Mining Act: Main Pit, West Main Pit, Savannah Pit, Valencia Pit, South Main Pit, Copper Mountain Pit, San Salvador Hill Pit, Savannah Stockpile, Gettysburg In-Pit Stockpile, East Main Pit, Stockpile.

The portion of the financial assurance amount for specific earthwork, revegetation, and other reclamation activities, including the following areas or measures, is to be evaluated through the MMD permit revision process for establishing a closure plan under the New Mexico Mining Act: Mine Maintenance Facilities, SX/EW Plant, Lubrication Shop, Acid Unloading, Roads, Wildlife Monitoring.

Tyone Mine
Worksheet #13
05/10/02

IBOND AMOUNT CALCULATION
New Mexico Mining and Minerals Division
Other Reclamation Activity Costs

				Tyrene Mine Worksheet #15 05/10/02 Adjusted	
Activity		Quantity	Unit	Item Cost (\$)	Item Cost (\$)
		Unit Cost (\$/unit)			
Combined Stockpiles/Tailings/Corridor Areas					
Erosion control crew	see O&M ---	---	8,346,856	7,320,193	
Road maintenance crew	see O&M ---	4,760,013		4,760,013	
Stockpiles Area					
Fencing, Mine/Stockpile perimeter (incl. No. 1)	75,000 feet	2.05	153,750	134,839	
Safety berm, Pits perimeter	64,000 feet	16.76	1,072,800	940,846	
Chain link fence, Pits perimeter	64,000 feet	17.79	1,138,560	998,517	
Razor wire, Pits perimeter	64,000 feet	0.98	62,400	54,725	
Pedestrian gates, Pits perimeter	9 opening	237.00	2,133	1,871	
Vehicle gates, Pits perimeter	9 opening	1,206.00	10,854	9,519	
Toe Control (demo-fill-cover unused SW or PLS ponds)	1 ls	NA	500,000	500,000	
Abandon exploration holes	200 holes	600.00	120,000	120,000	
Screening plant for oversize control	see O&M ---	---	745,056	745,056	
Wildlife monitoring					
Outslope ditch, 200' downslope int., SP No. 1	1 ls	NA	0	0	
Outslope ditch, 200' downslope int., SP No. 1A	11,910 feet	8.46	100,759	88,365	
Outslope ditch, 200' downslope int., SP No. 1B	16,080 feet	8.46	136,037	119,304	
Outslope ditch, 200' downslope int., SP No. 1C	21,110 feet	8.46	178,591	156,624	
Outslope ditch, 200' downslope int., SP No. 1D	50,370 feet	8.46	426,130	373,716	
Outslope ditch, 200' downslope int., SP No. 2	24,015 feet	8.46	203,167	178,177	
Outslope ditch, 200' downslope int., SP No. 2A	26,890 feet	8.46	227,489	199,508	
Outslope ditch, 200' downslope int., SP No. 3	125,020 feet	8.46	1,057,669	927,576	
Outslope ditch, 200' downslope int., SP No. 3B	68,210 feet	8.46	577,057	506,079	
Outslope ditch, 200' downslope int., SP No. 3C	26,010 feet	8.46	220,045	192,979	
Outslope ditch, 200' downslope int., SP No. 9A	0 feet	8.46	0	0	
Outslope ditch, 200' downslope int., Main Pit SP	0 feet	8.46	0	0	
Outslope ditch, 200' downslope int., Gettys In-Pit SP	0 feet	8.46	0	0	
Outslope ditch, 200' downslope int., Gettys Out-Pit SP	1,900 feet	8.46	16,074	14,097	
Outslope ditch, 200' downslope int., East Main Pit SP	7,160 feet	8.46	60,574	53,123	
Outslope ditch, 200' downslope int., Savannah SP	4,740 feet	8.46	40,100	35,168	
Outslope ditch, 200' downslope int., Raf Tanks OB SP	0 feet	8.46	0	0	
Outslope ditch rip rap, haul, SP No. 1	7,820 cy	7.33	57,324	50,273	
Outslope ditch rip rap, haul, SP No. 1A	10,559 cy	7.33	77,394	67,875	
Outslope ditch rip rap, haul, SP No. 1B	13,861 cy	7.33	101,604	89,106	
Outslope ditch rip rap, haul, SP No. 1C	33,074 cy	7.33	242,434	212,614	

Attachment B - Table 3 - Tab "15...Other" - Color Coding of Original Estimates to Show Each Cost Component Proposed ~~Adjusted~~ Production in 2009

Activity	Quantity	Unit	Item Cost		
			(\$/unit)	(\$)	(\$)
Outslope ditch rip rap, haul, SP No. 1D	15,769 cy	7.33	115,586	101,369	
Outslope ditch rip rap, haul, SP No. 2	17,657 cy	7.33	129,423	113,504	
Outslope ditch rip rap, haul, SP No. 2A	82,091 cy	7.33	601,729	527,716	
Outslope ditch rip rap, haul, SP No. 3	44,788 cy	7.33	328,299	287,918	
Outslope ditch rip rap, haul, SP No. 3B	17,079 cy	7.33	125,188	109,790	
Outslope ditch rip rap, haul, SP No. 9A	0 cy	0	0	0	
Outslope ditch rip rap, haul, Main Pit SP	0 cy	7.33	0	0	
Outslope ditch rip rap, haul, Gettys In-Pit SP	0 cy	7.33	0	0	
Outslope ditch rip rap, haul, Gettys Out-Pit SP	1,248 cy	7.33	9,145	8,020	
Outslope ditch rip rap, haul, East Main Pit SP	4,701 cy	7.33	34,462	30,223	
Outslope ditch rip rap, haul, Savannah SP	3,112 cy	7.33	22,814	20,008	
Outslope ditch rip rap, haul, Raf Tanks OB SP	0 cy	7.33	0	0	
Outslope ditch rip rap, backfill, SP No. 1	7,820 cy	1.72	13,451	11,797	
Outslope ditch rip rap, backfill, SP No. 1A	10,559 cy	1.72	18,161	15,927	
Outslope ditch rip rap, backfill, SP No. 1B	13,861 cy	1.72	23,842	20,909	
Outslope ditch rip rap, backfill, SP No. 1C	33,074 cy	1.72	56,888	49,890	
Outslope ditch rip rap, backfill, SP No. 1D	15,769 cy	1.72	27,122	23,786	
Outslope ditch rip rap, backfill, SP No. 2	17,657 cy	1.72	30,369	26,634	
Outslope ditch rip rap, backfill, SP No. 2A	82,091 cy	1.72	141,197	123,830	
Outslope ditch rip rap, backfill, SP No. 3	44,788 cy	1.72	77,036	67,561	
Outslope ditch rip rap, backfill, SP No. 3B	17,079 cy	1.72	29,376	25,762	
Outslope ditch rip rap, backfill, SP No. 9A	0 cy	1.72	0	0	
Outslope ditch rip rap, backfill, Main Pit SP	0 cy	1.72	0	0	
Outslope ditch rip rap, backfill, Gettys In-Pit SP	0 cy	1.72	0	0	
Outslope ditch rip rap, backfill, Gettys Out-Pit SP	1,248 cy	1.72	2,146	1,882	
Outslope ditch rip rap, backfill, East Main Pit SP	4,701 cy	1.72	8,086	7,092	
Outslope ditch rip rap, backfill, Savannah SP	3,112 cy	1.72	5,353	4,695	
Outslope ditch rip rap, backfill, Raf Tanks OB SP	0 cy	1.72	0	0	
Tailings Area					
Fencing, Tailing Ponds perimeter (incl. Burro Mtn) see O&M ---	175,000 feet	2.05	358,750	314,624	
Screening plant for rip rap production		---	745,056	745,056	
Outslope ditch, 100' horiz. int., TP 1	50,000 feet	8.46	423,000	370,971	
Outslope ditch, 100' horiz. int., TP 1A	27,000 feet	8.46	228,420	200,324	
Outslope ditch, 100' horiz. int., TP 1X	19,000 feet	8.46	160,740	140,969	
Outslope ditch, 100' horiz. int., TP 2	44,000 feet	8.46	372,240	326,454	
Outslope ditch, 100' horiz. int., TP 3	38,000 feet	8.46	321,480	281,938	
Outslope ditch, 100' horiz. int., TP 3X	28,000 feet	8.46	236,880	207,744	
Outslope ditch, 100' horiz. int., Burro Mtn	4,000 feet	8.46	33,840	29,678	
Outslope ditch rip rap, haul, TP 1	32,831 cy	7.33	240,653	211,053	
Outslope ditch rip rap, haul, TP 1A	17,729 cy	7.33	129,953	113,968	
Outslope ditch rip rap, haul, TP 1X	12,476 cy	7.33	91,448	80,200	
Outslope ditch rip rap, haul, TP 2	28,891 cy	7.33	211,775	185,726	

Attachment B - Table 3 - Tab "15...Other" - Color Coding of Original Estimates to Show Each Cost Component Propose~~Adjust~~ed Production in 2009

Activity	Quantity			Unit			Item		
	Cost	(\$/unit)	Cost	Cost	(\$)	Cost	Cost	(\$)	
Outslope ditch rip rap, haul, TP 3	24,952	cy	7.33	182,896		160,400			
Outslope ditch rip rap, haul, TP 3X	18,385	cy	7.33	134,766		118,189			
Outslope ditch rip rap, haul, TP Burro Mtn	2,626	cy	7.33	19,252		16,884			
Outslope ditch rip rap, backfill, TP 1	32,831	cy	1.72	56,470		49,524			
Outslope ditch rip rap, backfill, TP 1A	17,729	cy	1.72	30,494		26,743			
Outslope ditch rip rap, backfill, TP 1X	12,476	cy	1.72	21,458		18,819			
Outslope ditch rip rap, backfill, TP 2	28,891	cy	1.72	49,693		43,581			
Outslope ditch rip rap, backfill, TP 3	24,952	cy	1.72	42,917		37,638			
Outslope ditch rip rap, backfill, TP 3X	18,385	cy	1.72	31,623		27,733			
Outslope ditch rip rap, backfill, TP Burr. Mtn	2,626	cy	1.72	4,518		3,962			
Spillways & Stilling Basins (6)	1	ls	NA	5,341,395		5,341,395			
Channels, TP 1	1	ls	NA	1,768,819		1,768,819			
Channels, TP 1A	1	ls	NA	1,522,385		1,522,385			
Channels, TP 1X	1	ls	NA	1,702,607		1,702,607			
Channels, TP 2	1	ls	NA	2,081,163		2,081,163			
Channels, TP 3	1	ls	NA	2,340,509		2,340,509			
Channels, TP 3X	1	ls	NA	1,401,551		1,401,551			
Channels, Burro Mtn TP	1	ls	NA	257,157		257,157			
Redesign of the Break Area, TP No. 3	1	ls	NA	976,445		976,445			
Wildlife monitoring	1	ls	NA	0		0			

Total

\$41,532,685

Activity	Quantity	Unit	Original Estimates to Show Each Cost Component Propose Adjust Production in 2009		
			Cost (\$/unit)	Item Cost (\$)	Item Cost (\$)
Road Maintenance Crew					
Cat 16H Motor Grader					
10,000-gal Water Truck					
10,000-gal Water Truck					
Mech. with Truck (50% FTE)					
Oiler with Truck (25% FTE)					
TOTAL					
n					

	Owning/ Operating Cost (\$/hr)	Labor Rate (\$/hr)	Subtotal (\$/hr)	Subtotal (\$/month)
Cat 16H Motor Grader	75.65	25.00	100.65	2181.09
10,000-gal Water Truck	115.36	25.00	140.36	3041.65
10,000-gal Water Truck	115.36	25.00	140.36	3041.65
Mech. with Truck (50% FTE)	4.43	12.50	16.93	366.97
Oiler with Truck (25% FTE)	2.22	6.25	8.47	183.49
TOTAL			406.78	8814.84

IBOND AMOUNT CALCULATION
New Mexico Mining and Minerals Division
Other Reclamation Activity Costs

Activity	Reference	Means Line Item	Description
Combined Stockpiles/Tailings/Corridor Areas		Crew B-13A	Crew components...see note 1 for full description See road maintenance crew above
Stockpiles Area		PRIMEDIA	
Erosion control crew		Means	02820-875-1650 Fence, barbed wire, galv., \$0.41/strand, 5 strands
Road maintenance crew		Means	G1030-115-3350 Cut & fill...see note 2 for full description
		Means	02820-528-0800 Fence...see note 3 for full description
		Means	02820-890-0500 Helical razor ribbon, stainless steel, 18" dia. X 18" spacing
		Means	02820-528-1400 Gate for 6' high fence, 1-5/8" frame, 3' wide, galv. steel
		Means	02820-528-5070 Double swing gates, incl. Posts & hardware, 6' x 20'
		PDTI	May 2001 submittal, Volume II
		PRIMEDIA	Reclamation cost estimate See note 6 for full description
Wildlife monitoring		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 1		Means	G1030-805-6620 Excavation...see note 4 for full description
Safety berm, Pits perimeter		Means	G1030-805-6620 Excavation...see note 4 for full description
Chain link fence, Pits perimeter		Means	G1030-805-6620 Excavation...see note 4 for full description
Razor wire, Pits perimeter		Means	G1030-805-6620 Excavation...see note 4 for full description
Pedestrian gates, Pits perimeter		Means	G1030-805-6620 Excavation...see note 4 for full description
Vehicle gates, Pits perimeter		Means	G1030-805-6620 Excavation...see note 4 for full description
Toe Control (demo-fill-cover unused SW or PLS ponds		Means	G1030-805-6620 Excavation...see note 4 for full description
Abandon exploration holes		Means	G1030-805-6620 Excavation...see note 4 for full description
Screening plant for oversize control		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 1A		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 1B		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 1C		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 1D		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 2		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 2A		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 3		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 3B		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., SP No. 9A		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., Main Pit SP		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., Gettys In-Pit SP		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., Gettys Out-Pit SP		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., East Main Pit SP		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., Savannah SP		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch, 200' downslope int., Raf Tanks OB SP		Means	G1030-805-6620 Excavation...see note 4 for full description
Outslope ditch rip rap, haul, SP No. 1		Means	G1030-150-7600 Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, SP No. 1A		Means	G1030-150-7600 Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, SP No. 1B		Means	G1030-150-7600 Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, SP No. 1C		Means	G1030-150-7600 Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT

Activity	Means	Line Item	Description
Outslope ditch rip rap, haul, SP No. 1D	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, SP No. 2	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, SP No. 2A	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, SP No. 3	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, SP No. 3B	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, SP No. 9A	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, Main Pit SP	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, Gettys In-Pit SP	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, Gettys Out-Pit SP	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, East Main Pit SP	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, Savannah SP	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, Rat Tanks OB SP	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, backfill, SP No. 1	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, SP No. 1A	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, SP No. 1B	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, SP No. 1C	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, SP No. 1D	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, SP No. 2	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, SP No. 2A	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, SP No. 3	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, SP No. 3B	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, SP No. 9A	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, Main Pit SP	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, Gettys In-Pit SP	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, Gettys Out-Pit SP	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, East Main Pit SP	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, Savannah SP	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, Rat Tanks OB SP	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Fencing, Tailing Ponds perimeter (incl. Burro Mtn)	Means	02820-875-1650	Fence, barbed wire, galv., \$0.41/strand, 5 strands See note 6 for full description
Screening plant for rip rap production	PRIMEDIA	G1030-805-6620	Excavation...see note 4 for full description
Outslope ditch, 100' horiz. int., TP 1	Means	G1030-805-6620	Excavation...see note 4 for full description
Outslope ditch, 100' horiz. int., TP 1A	Means	G1030-805-6620	Excavation...see note 4 for full description
Outslope ditch, 100' horiz. int., TP 1X	Means	G1030-805-6620	Excavation...see note 4 for full description
Outslope ditch, 100' horiz. int., TP 2	Means	G1030-805-6620	Excavation...see note 4 for full description
Outslope ditch, 100' horiz. int., TP 3	Means	G1030-805-6620	Excavation...see note 4 for full description
Outslope ditch, 100' horiz. int., TP 3X	Means	G1030-805-6620	Excavation...see note 4 for full description
Outslope ditch, 100' horiz. int., Burro Mtn	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, TP 1	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, TP 1A	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, TP 2	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT

Attachment B - Table 3 - Tab "15...Other" - Color Coding of Original Estimates to Show Each Cost Component Proposed for Reduction in 2009

2

Activity	Means	Line Item	Description
Outslope ditch rip rap, haul, TP 3	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, TP 3X	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, haul, TP Burro Mtn	Means	G1030-150-7600	Load & Haul rock, 5-cy loader, 12 20-cy trailers, 3-mile RT
Outslope ditch rip rap, backfill, TP 1	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, TP 1A	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, TP 1X	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, TP 2	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, TP 3	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, TP 3X	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Outslope ditch rip rap, backfill, TP Burr. Mtn	Means	G1030-205-3050	Gravel backfill...see note 5 for full description
Spillways & Stillings Basins (6)	PDTI	May 2001 submittal, Volume II	
Channels, TP 1	PDTI	May 2001 submittal, Volume II	
Channels, TP 1A	PDTI	May 2001 submittal, Volume II	
Channels, TP 1X	PDTI	May 2001 submittal, Volume II	
Channels, TP 2	PDTI	May 2001 submittal, Volume II	
Channels, TP 3	PDTI	May 2001 submittal, Volume II	
Channels, TP 3X	PDTI	May 2001 submittal, Volume II	
Channels, Burro Mtn TP	PDTI	May 2001 submittal, Volume II	
Redesign of the Break Area, TP No. 3	PDTI	May 2001 submittal, Volume II	
Wildlife monitoring			

Attachment B - Table 3 - Tab "15...Other" - Color Coding of Original Estimates to Show Each Cost Component Proposed for Reduction in 2009

Activity	Means Reference Line Item Description Notes:	Means Line Item Description
Road Maintenance Crew		
Cat 16H Motor Grader	1) Foreman, 2 laborers, 2 equip. operators, 2 truck drivers, 1 crane (75 ton), 1 FE loader (3.75 cy), 2 dump trucks (12 ton)	
10,000-gal Water Truck	2) Cut & fill common earth, 300 HP dozer & roller compactor, 300' haul, 8" lifts, \$7.45/4 passes, 6' berm = 9 passes	
10,000-gal Water Truck	3) Fence, chain link industrial, schedule 40, 6 ga. wire, 6' high, no barbed wire, galv. steel	
Mech. with Truck (50% FTE)	4) Excavation, trench, hydraulic backhoe, track mounted, 2:1 side slopes, 2' wide, 3' deep, 3/8 cy bucket	
Oiler with Truck (25% FTE)	5) Gravel Backfill, 300 hp dozer & compactors, 150' haul, 6 lifts, 4 passes 6) Single deck portable screening plant, 5x 16', @ \$33.16/hr and heavy duty portable belt conveyor, 42"x 60', 1300 tons/hr, @\$26.54/hr	
	Data Sources: Means Site Work & Landscape Cost Data (2002)	
TOTAL	Location adjustment: Las Cruces	87.7%
n		

The portion of the financial assurance amount for specific earthwork, revegetation, and other reclamation activities, including the following areas or measures, is to be evaluated through the MMD permit revision process for establishing a closeout plan under the New Mexico Mining Act: Mine Maintenance Facilities, SX/EW Plant, Lubrication Shop, Acid Unloading, Roads, Wildlife Monitoring.

BOND AMOUNT CALCULATION	
New Mexico Mining and Minerals Division	
<i>Itemized Reclamation Bond</i>	
<u>Stockpile Area</u>	
	1C/7A SP
Earthwork	
Pushdown existing outslopes	\$5,559,544
Grade Existing Surface	\$6,980
Grade GC Material	\$7,251
Rip Existing Surface	\$27,591
Load GC Material on trucks	\$430,204
Haul GC Material	\$2,098,009
Pullback: load SP mat'l on trucks	\$6,960,334
Pullback: haul SP mat'l	\$6,788,797
 Revegetation 160 % (plow, apply fertilizer, seed mix, mulch and crimp mulch)	\$374,684
Other	
Fencing, perimeter	
Screening plant for rip rap prod.	\$57,312
Outslope ditch, 200' downslope int.	\$373,716
Outslope ditch rip rap, haul	\$212,614
Outslope ditch rip rap, backfill	\$49,890
 Direct Cost Sum	\$22,946,928
Indirect Sum 39.6%	
Indirect Cost Sum	\$9,086,984
 Total MMD Bond Amount - SP	\$32,033,912

Attachment B - Table 1 - Financial Assurance Released for 1C/7A Stockpile Unit to Date in 2003 Dollars

Colors on title blocks below correspond to color coding on tab "13..Earthsum" and "15..Other" to show exactly which cells were summed to match the scope of work and associated costs for the 2012 financial assurance reduction request.

<u>Stockpile Area</u>	Original Bond for 1C/7A Stockpile Unit	% of Original Amount Previously Released	Amount Previously Released	Comments
FA Released through 2010				
Earthwork				
Pushdown existing out slopes	5,559,544	70%	\$3,891,681	Permit Modification 06-06
Grade Existing Surface	6,980	0%	\$0	
Grade GC Material	7,251	0%	\$0	
Rip Existing Surface	27,591	0%	\$0	
Load GC Material on trucks	430,204	0%	\$0	
Haul GC Material	2,098,009	0%	\$0	
Pullback: load SP mat'l on trucks	6,960,334	100%	\$6,960,334	Permit Modification 05-03
Pullback: haul SP mat'l	6,788,797	100%	\$6,788,797	Permit Modification 05-03
Revegetation 100% (plow, apply fertilizer, seed mix, mulch and crimp mulch)	374,684	0%	\$0	
Other	0	0%	\$0	
Fencing, TP perimeter	0	0%	\$0	
Screening plant for rip rap prod.	57,312	0%	\$0	
Outslope ditch, 100'horiz. Int.	373,716	0%	\$0	
Outslope ditch rip rap, haul	212,614	0%	\$0	
Outslope ditch rip rap, backfill	49,890	0%	\$0	
Direct Cost Sum	\$22,946,928			\$17,640,812
Indirect Sum 39.6%				
Indirect Cost Sum	\$9,086,984			\$6,985,762
Total with NMGRT =	\$32,033,912			\$24,626,574

Attachment B - Table 2 - Financial Assurance Cost Estimates for Work Completed at 1C/7A Stockpile Unit Tyrone Project Area in 2003 Dollars

Stockpile Area

Colors on title blocks below correspond to color coding on tab "13...Earthsum" and "15...Other" to show exactly which cells were summed to match the scope of work and associated costs for the 2012 financial assurance reduction request.

	Amount Remaining	% of Remaining Amount for Release	2012 Release Amount Requested	Amount Remaining if Request is Approved
Earthwork				
Pushdown existing outslopes	\$1,667,863	75%	\$1,250,897	\$416,965.82
Grade Existing Surface	\$6,980	93%	\$6,491	\$488.59
Grade GC Material	\$7,251	93%	\$6,744	\$507.60
Rip Existing Surface	\$27,591	93%	\$25,660	\$1,931.36
Load GC Material on trucks	\$430,204	93%	\$400,090	\$30,114.28
Haul GC Material	\$2,098,009	93%	\$1,951,148	\$146,860.61
Revegetation 100% (plow, apply fertilizer, seed mix, mulch and crimp mulch)				
Other	\$0	0%	\$0	\$374,684.28
Fencing, TP perimeter	\$0	0%	\$0	\$0.00
Screening plant for rip rap prod.	\$57,312	93%	\$53,300	\$4,011.84
Outslope ditch, 100'horiz. Int.	\$373,716	93%	\$347,556	\$26,160.13
Outslope ditch rip rap, haul	\$212,614	93%	\$197,731	\$14,883.01
Outslope ditch rip rap, backfill	\$49,890	93%	\$46,398	\$3,492.33
Direct Cost Sum	\$5,306,116		\$4,286,016	\$1,020,100
Indirect Sum 39.6%				
Indirect Cost Sum	\$2,101,222		\$1,697,262	\$403,960
Total without NMGRIT =	\$7,407,337		\$5,983,278	\$1,424,059
This amount to be removed from NPV calculation				
Note:	Refer to Attachment D for Details on % of Remaining Amount for Release			

This amount to be removed from NPV calculation
Note:
Refer to Attachment D for Details on % of Remaining Amount for Release

Attachment B - Direct Costs Summary for Additional Studies Completed through 2012.

Component	Current Cost	NPV
Current Additional Studies	\$ 2,263,170	\$ 2,263,170
Proposed FA Release Amount	\$ 2,263,170	\$ 2,263,170
Remaining FA if Release Approved	\$0	\$0

Note:

Current and NPV Cost are found on Attachment A Table 2

Attachment C

**Proposed Modifications to Financial Assurance
Cash Flow and NPV Calculation**

Attachment C. Removal of Costs for 1C/7A Stockpile Unit - Summary Sheet

Date:	6-Dec-12					
This calculation is performed by subtracting the total cost of recent reclamation projects shown in the Earthwork and Other tabs.						
Summary Table						
Current FA Amounts						
Component	Current Cost	NPV				
Earthwork	\$139,966,862	\$110,428,742				
Water Treatment	\$195,376,030	\$72,867,719				
Additional Studies	\$2,263,170	\$2,263,170				
Added Rec Cost	\$0	\$0				
Total	\$337,606,062	\$185,559,631	wo Cu Mtn So			
Values after Release if Approved						
Component	Current Cost	NPV				
Earthwork	\$133,983,584	\$105,001,966				
Water Treatment	\$195,376,030	\$72,867,719				
Additional Studies	\$0	\$0				
Added Rec Cost	\$0	\$0				
Total	\$329,359,614	\$177,869,685	wo Cu Mtn So			
Delta Total	\$8,246,448	\$7,689,947				
Check	(-\$0)					
Note:						
To remove the costs, the total amount of	\$8,246,448					
is equally distributed over 13 years of earthwork. The original values						
and the adjusted values are shown in columns to the right on the Current Cost tab.						



State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES
DEPARTMENT
ENVIRONMENT DEPARTMENT

MINE CLOSURE FINANCIAL ASSURANCE SUMMARY

Tyrone Proposal for financial assurance

Permit	DP-1341& GR010RE	
Facility	Tyrone Mine	
Operator	Freeport McMoRan Tyrone, Inc.	
Address	P.O. Drawer 571 Tyrone, NM 88065	
Contact	Tom Shelley 575-912-5773	
Closure Cost (Current Dollars)	\$	329,359,614
Required Financial Assurance (NPV)	\$	177,869,685

Attachment C - Table 1. Current Cost Summary - Costs for Portion of Work Completed in 2012 Removed

NEW MEXICO ED and MMD - Assume costs taken equally out of years 1 through 13

DP-1341 & GR010RE Tyrone Mine Closure Financial Assurance

(From Table 9.1, AR DP-1341 A-308; NOTE: Current (2003) Cash flow reflecting Tyrone's proposal to

reduce financial assurance for work completed through 2012 on 1C/7A Stockpile Unit)

Year	Earthwork	Reveg	Plant	Treatment	Maintenance	Total		
						Original Values	Adjusted Values	diff
						Earthwork		
1	2368711	0	18568573	6409000	0	27346284	2,368,711	460,252
2	3207079	20153	0	5319900	221000	8,681,32	3,207,079	460,252
3	9276999	60114	0	4206100	221000	13764214	9,737,331	460,252
4	9276999	84332	0	3603400	221000	13185732	9,276,999	460,252
5	9276999	109694	0	2889700	221000	12497394	9,737,251	460,252
6	9276999	148223	0	1978800	221000	11625022	9,276,999	460,252
7	9276999	182581	0	19522700	221000	11633281	9,737,251	460,252
8	9276999	182581	0	1922800	221000	11603381	9,276,999	460,252
9	9276999	200535	0	1891200	221000	11589735	9,737,251	460,252
10	9276999	235421	0	1869500	221000	11602921	9,276,999	460,252
11	9276999	235421	0	1842500	221000	11548420	9,737,251	460,252
12	9276999	263272	0	1815000	221000	11553672	9,276,999	460,252
13	9276999	263272	0	1792400	221000	11589003	9,276,999	460,252
14	704229	262274	0	1771500	221000	2208590	9,737,251	460,252
15	0	238289	0	1749300	221000	2208590	9,276,999	460,252
16	0	230463	0	1726100	221000	2177564		
17	0	205101	0	1712800	221000	2138901	\$460,252	equals \$5,983,278 + 13
18	0	166573	0	1690500	221000	2078073	\$5,983,278	2003\$ release amount
19	0	132213	0	1685100	221000	2038313		
20	0	132213	0	1671200	221000	2024414		
21	0	114261	0	1665700	221000	200961		
22	0	79373	0	1627400	221000	1927774		
23	0	79373	0	1625300	221000	1925674		
24	0	79373	0	1616000	221000	1916374		
25	0	51522	0	1613900	221000	1886423		
26	0	32368	0	1609400	221000	1862768		
27	0	16391	0	1609400	221000	1846791		
28	0	0	0	1600300	221000	1821300		
29	0	0	0	1598100	221000	1819101		
30	0	0	0	1595600	221000	1816600		
31	0	0	0	1609400	221000	1816600		
32	0	0	0	1595600	221000	1814500		
33	0	0	0	1593500	221000	1805400		
34	0	0	0	1584400	221000	1805400		
35	0	0	0	1582000	221000	1803001		
36	0	0	0	1582000	221000	1803001		
37	0	0	0	1578600	221000	1799600		
38	0	0	0	1578600	221000	1799600		
39	0	0	0	1577100	221000	1798100		
40	0	0	0	1577100	221000	1798100		
41	0	0	608178	1568500	221000	2397678		
42	0	0	0	1568500	221000	1789500		
43	0	0	0	1568500	221000	1789500		
44	0	0	0	1566100	221000	1787101		
45	0	0	0	1566100	221000	1787101		
46	0	0	0	1563800	221000	1784800		
47	0	0	0	1563800	221000	1784800		
48	0	0	0	1561400	221000	1782400		
49	0	0	0	1561400	221000	1782400		
50	0	0	0	1556700	221000	3339100		
51	0	0	0	1552700	221000	1773701		
52	0	0	0	1552700	221000	1773701		
53	0	0	0	1552700	221000	1773701		
							Total Check	5,983,278

Attachment C - Table 1. Current Cost Summary - Costs for Portion of Work Completed in 2012: Removed

NEW MEXICO ED and MMD - Assume costs taken equally out of years 1 through 13
DP-1341 & GR010RE Tyrone Mine Closure Financial Assurance
(From Table 9.1, AR DP-1341-A-308; NOTE: Current (2003) Cash flow reflecting Tyrone's proposal to
reconcile financial statement differences between the two methods)

Year	reduce financial assurance for work completed through 2012 on 1C/7A Stockpile Unit					Original Values	Adjusted Values	diff
	Earthwork	Reveg	Plant	Treatment	Maintenance			
54	0	0	0	1552700	221000	1773701		
55	0	0	0	1550300	221000	1771300		
56	0	0	0	1550300	221000	1771300		
57	0	0	0	1550300	221000	1771300		
58	0	0	0	1550300	221000	1771300		
59	0	0	0	1547900	221000	1768901		
60	0	0	0	1547900	221000	1768901		
61	0	0	0	1547900	221000	1768901		
62	0	0	0	1547900	221000	1768901		
63	0	0	0	1545400	221000	1766400		
64	0	0	0	1545400	221000	1766400		
65	0	0	0	1545400	221000	1766400		
66	0	0	0	1545400	221000	1766400		
67	0	0	0	1536800	221000	1757801		
68	0	0	0	1536800	221000	1757801		
69	0	0	0	1536800	221000	1757801		
70	0	0	0	1536800	221000	1757801		
71	0	0	0	1536800	221000	1757801		
72	0	0	0	1534300	221000	1755300		
73	0	0	0	1534300	221000	1755300		
74	0	0	0	1534300	221000	1755300		
75	0	0	0	1534300	221000	1755300		
76	0	0	0	1534300	221000	1755300		
77	0	0	0	1534300	221000	1755300		
78	0	0	0	1534300	221000	1755300		
79	0	0	0	1531900	221000	1752901		
80	0	0	0	1531900	221000	1752901		
81	0	0	608178	1531900	221000	17561078		
82	0	0	0	1531900	221000	1752901		
83	0	0	0	1531900	221000	1752901		
84	0	0	0	1531900	221000	1752901		
85	0	0	0	1531900	221000	1752901		
86	0	0	0	1531900	221000	1752901		
87	0	0	0	1531900	221000	1752901		
88	0	0	0	1529500	221000	1750500		
89	0	0	0	1529500	221000	1750500		
90	0	0	0	1529500	221000	1750500		
91	0	0	0	1529500	221000	1750500		
92	0	0	0	1529500	221000	1750500		
93	0	0	0	1529500	221000	1750500		
94	0	0	0	1529500	221000	1750500		
95	0	0	0	1529500	221000	1750500		
96	0	0	0	1529500	221000	1750500		
97	0	0	0	1529500	221000	1750500		
98	0	0	0	1529500	221000	1750500		
99	0	0	0	1529500	221000	1750500		
100	0	0	0	1529500	221000	1750500		
Total	108327011	3777538	21341628	174034402	21879035	329359614		

Attachment C - Table 2. Financial Assurance w/Cost Reduced for Work Completed at 1C/7A Stockpile Unit.

NEW MEXICO ED & MMD

DP-1341 & GR010RE Tyrone Mine Closure Financial Assurance; NOTE: Reflects Tyrone's proposal to reduce financial assurance for work completed through 2012 on 1C/7A Stockpile Unit.

	Escalation Rate	Yr 1-12 Discount Rate	Yr 13-100 Discount Rate
Earth	3.64%	5.00%	8.00%
Water	3.17%	5.00%	8.00%

Component	Current Cost	NPV
Earthwork	\$133,983,584	\$105,001,966
Water Treatment	\$195,376,030	\$72,867,719
Additional Studies	\$0	\$0
Added Rec Cost	\$0	\$0
Total	\$329,359,614	\$177,869,685

Year	Earthwork Current Cost	Earthwork NPV	Water Treatment Current Cost	Water Treatment NPV
1	2,368,711	2,368,711	24,977,573	24,977,573
2	3,448,232	3,403,569	5,319,900	5,227,182
3	9,558,113	9,312,116	4,206,100	4,060,765
4	9,582,332	9,214,792	3,603,400	3,418,259
5	9,607,694	9,119,511	2,889,700	2,693,452
6	9,646,222	9,037,489	1,978,800	1,812,269
7	9,680,581	8,952,206	1,952,700	1,757,197
8	9,680,581	8,836,253	1,922,800	1,700,134
9	9,698,535	8,737,978	1,891,200	1,643,049
10	9,733,421	8,655,825	1,869,500	1,595,889
11	9,733,421	8,543,711	1,842,500	1,545,428
12	9,733,421	8,433,050	1,815,000	1,495,830
13	9,761,272	5,953,196	1,792,400	1,035,121
14	1,187,503	694,996	1,771,500	977,298
15	459,290	257,951	1,749,300	921,891
16	451,464	243,320	1,726,100	868,983
17	426,101	220,379	1,712,800	823,724
18	387,573	192,360	1,690,500	776,640
19	353,213	168,230	1,685,100	739,537
20	353,213	161,438	1,671,200	700,636
21	335,261	147,047	1,665,700	667,099
22	300,374	126,427	1,627,400	622,612
23	300,374	121,323	1,625,300	594,000
24	300,374	116,425	1,616,000	564,188
25	272,523	101,365	1,613,900	538,256
26	253,368	90,436	1,609,400	512,750
27	237,392	81,313	1,609,400	489,819
28	221,000	72,643	1,600,300	465,267
29	221,000	69,710	1,598,100	443,849
30	221,000	66,896	1,595,600	423,335
31	221,000	64,195	1,595,600	404,403
32	221,000	61,604	1,593,500	385,809
33	221,000	59,117	1,584,400	366,450
34	221,000	56,730	1,584,400	350,061
35	221,000	54,440	1,582,000	333,899
36	221,000	52,242	1,582,000	318,967
37	221,000	50,133	1,578,600	304,047
38	221,000	48,109	1,578,600	290,449
39	221,000	46,167	1,577,100	277,196
40	221,000	44,303	1,577,100	264,799
41	221,000	42,515	2,176,678	349,125
42	221,000	40,798	1,568,500	240,326
43	221,000	39,151	1,568,500	229,578
44	221,000	37,571	1,566,100	218,976
45	221,000	36,054	1,566,100	209,182
46	221,000	34,598	1,563,800	199,534

Attachment C - Table 2. Financial Assurance w/Cost Reduced for Work Completed at 1C/7A Stockpile Unit.

Year	Earthwork Current Cost	Earthwork NPV	Water Treatment Current Cost	Water Treatment NPV
47	221,000	33,202	1,563,800	190,610
48	221,000	31,861	1,563,800	182,086
49	221,000	30,575	1,561,400	173,675
50	221,000	29,341	1,561,400	165,908
51	221,000	28,156	3,118,099	316,500
52	221,000	27,020	1,552,700	150,557
53	221,000	25,929	1,552,700	143,824
54	221,000	24,882	1,552,700	137,392
55	221,000	23,878	1,550,300	131,044
56	221,000	22,914	1,550,300	125,184
57	221,000	21,989	1,550,300	119,585
58	221,000	21,101	1,550,300	114,237
59	221,000	20,249	1,547,900	108,959
60	221,000	19,432	1,547,900	104,086
61	221,000	18,647	1,547,900	99,431
62	221,000	17,894	1,547,900	94,985
63	221,000	17,172	1,545,400	90,590
64	221,000	16,479	1,545,400	86,539
65	221,000	15,813	1,545,400	82,668
66	221,000	15,175	1,545,400	78,971
67	221,000	14,562	1,536,800	75,020
68	221,000	13,975	1,536,800	71,665
69	221,000	13,410	1,536,800	68,460
70	221,000	12,869	1,536,800	65,398
71	221,000	12,349	1,536,800	62,473
72	221,000	11,851	1,534,300	59,582
73	221,000	11,372	1,534,300	56,918
74	221,000	10,913	1,534,300	54,372
75	221,000	10,473	1,534,300	51,941
76	221,000	10,050	1,534,300	49,618
77	221,000	9,644	1,534,300	47,399
78	221,000	9,255	1,534,300	45,279
79	221,000	8,881	1,531,900	43,186
80	221,000	8,523	1,531,900	41,255
81	221,000	8,179	2,140,078	55,056
82	221,000	7,849	1,531,900	37,647
83	221,000	7,532	1,531,900	35,964
84	221,000	7,228	1,531,900	34,355
85	221,000	6,936	1,531,900	32,819
86	221,000	6,656	1,531,900	31,351
87	221,000	6,387	1,531,900	29,949
88	221,000	6,129	1,529,500	28,565
89	221,000	5,882	1,529,500	27,287
90	221,000	5,644	1,529,500	26,067
91	221,000	5,417	1,529,500	24,901
92	221,000	5,198	1,529,500	23,788
93	221,000	4,988	1,529,500	22,724
94	221,000	4,787	1,529,500	21,707
95	221,000	4,593	1,529,500	20,737
96	221,000	4,408	1,529,500	19,809
97	221,000	4,230	1,529,500	18,923
98	221,000	4,059	1,529,500	18,077
99	221,000	3,895	1,529,500	17,269
100	221,000	3,738	1,529,500	16,496
Total	133,983,584	105,001,966	195,376,030	72,867,719

Attachment C - Direct Costs Summary for Work Completed at 1C/7A Stockpile Unit

Cost for Project Completed in 2012			
See Attachments B for details on the calculation of the reduction amount.			
Summarized from individual project cost details			
Project	Reduction Amount	Source	Amount FA before 2009 reduction
1C Stockpile	\$5,983,278	See Attachment B	\$7,407,337
Additional Studies	\$2,263,170	See Attachment B	\$2,263,170
			\$0

Attachment D

**Present Day (2003) Financial Assurance
Cost Estimate for the 1C/7A Stockpile Unit**

Project Completion Facts

Project Name: **1C/7A Stockpile Unit**

Construction/Activity Start Date: August 2005

Construction/Activity Completion Date: October 2012

Area Completed/Affected: 231/289 acres (stockpile area)/(stockpile area + disturbed areas)

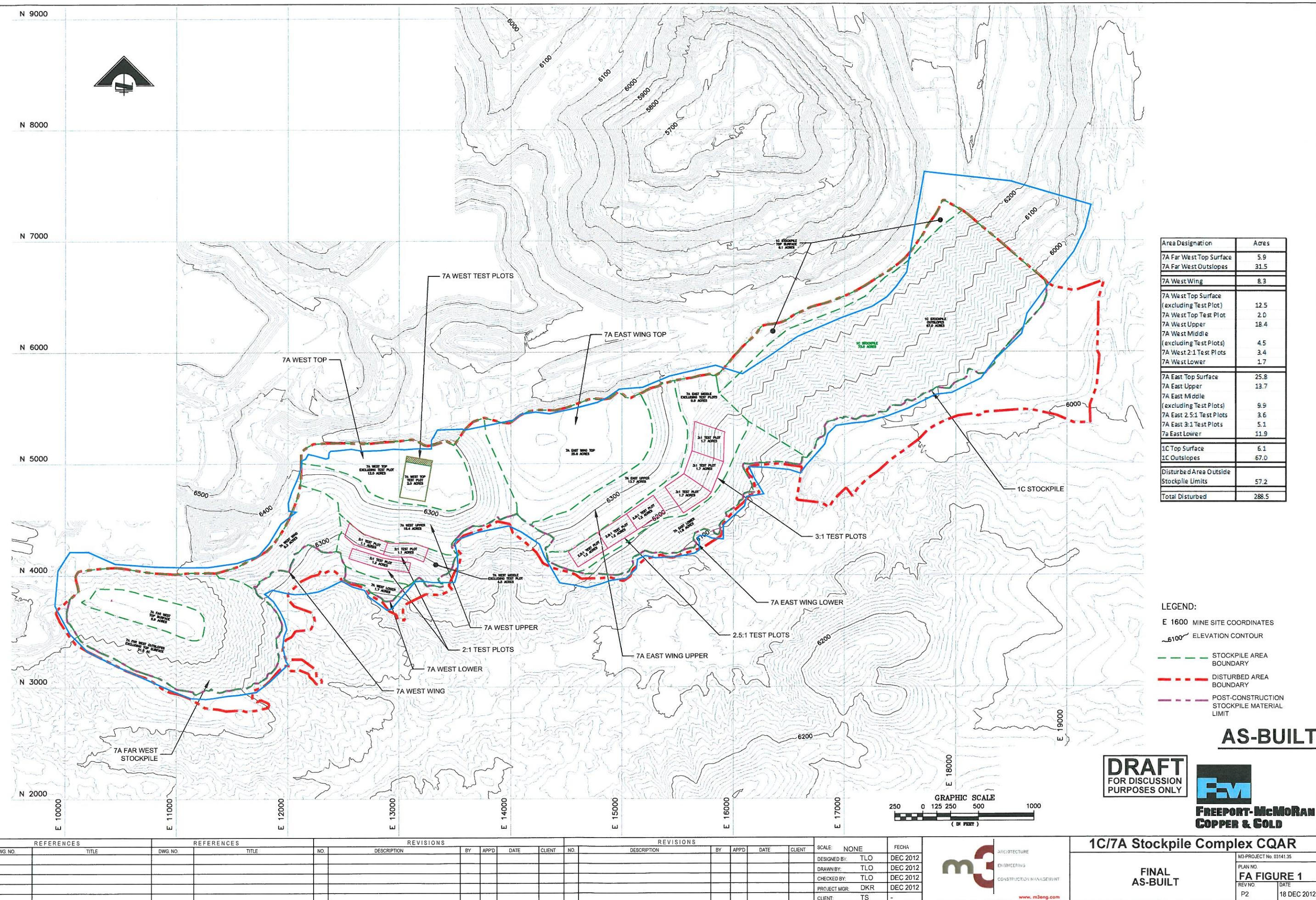
Volume/Tonnage of Fill and Cover Material: 1,806,791 cubic yards

Linear Feet of Stormwater Conveyance Completed: 46,062 linear feet

Description of Work Completed: Regrading consisted of sloping of the top surface of the stockpile into multiple primary drainage channels or to allow sheet flow off the stockpile. The top surfaces were regraded at a range from 1% to 4% and contained a testplot. The outslopes grade ranged from 2H:1V to 4.7H:1V and part of the outslopes contained 4 Testplot areas (2H:1V, 2.5H:1V, and 3H:1V).

The top surface and outslopes surface cover material, consisting of Gila Conglomerate, Leachcap, or a combination of Gila Conglomerate and Leachcap was placed over the stockpile. The minimum cover placed over a small portion of the test plots is 2 feet. The minimum cover placed over the rest of the area is 3 feet with an average cover thickness over the entire 1C/7A Stockpile Unit of nearly 5 feet.

Reclamation inspections were conducted at least monthly by the State of New Mexico during construction and Tyrone met all permit and Construction Design Quality Assurance Plan (CDQAP – final design) requirements in the construction of this project.



Oblique Aerial Photos of 1C/7A Stockpile Unit Reclamation Project



July 27, 2012 - View East to West – 1C Stockpile interface with 1A Stockpile – Oak Grove Channel on left of photo.



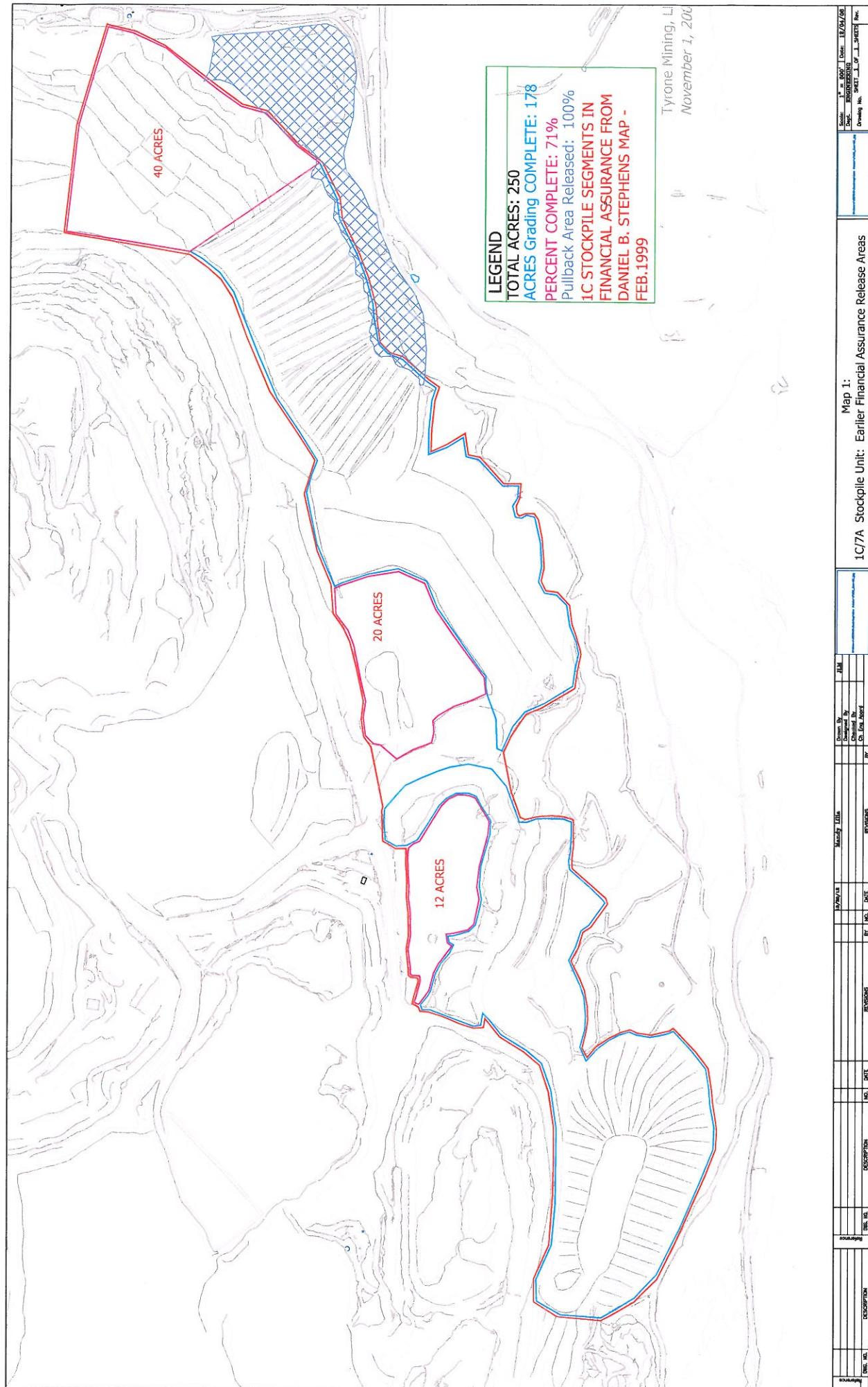
July 27, 2012 - View South to north – 7A Far West

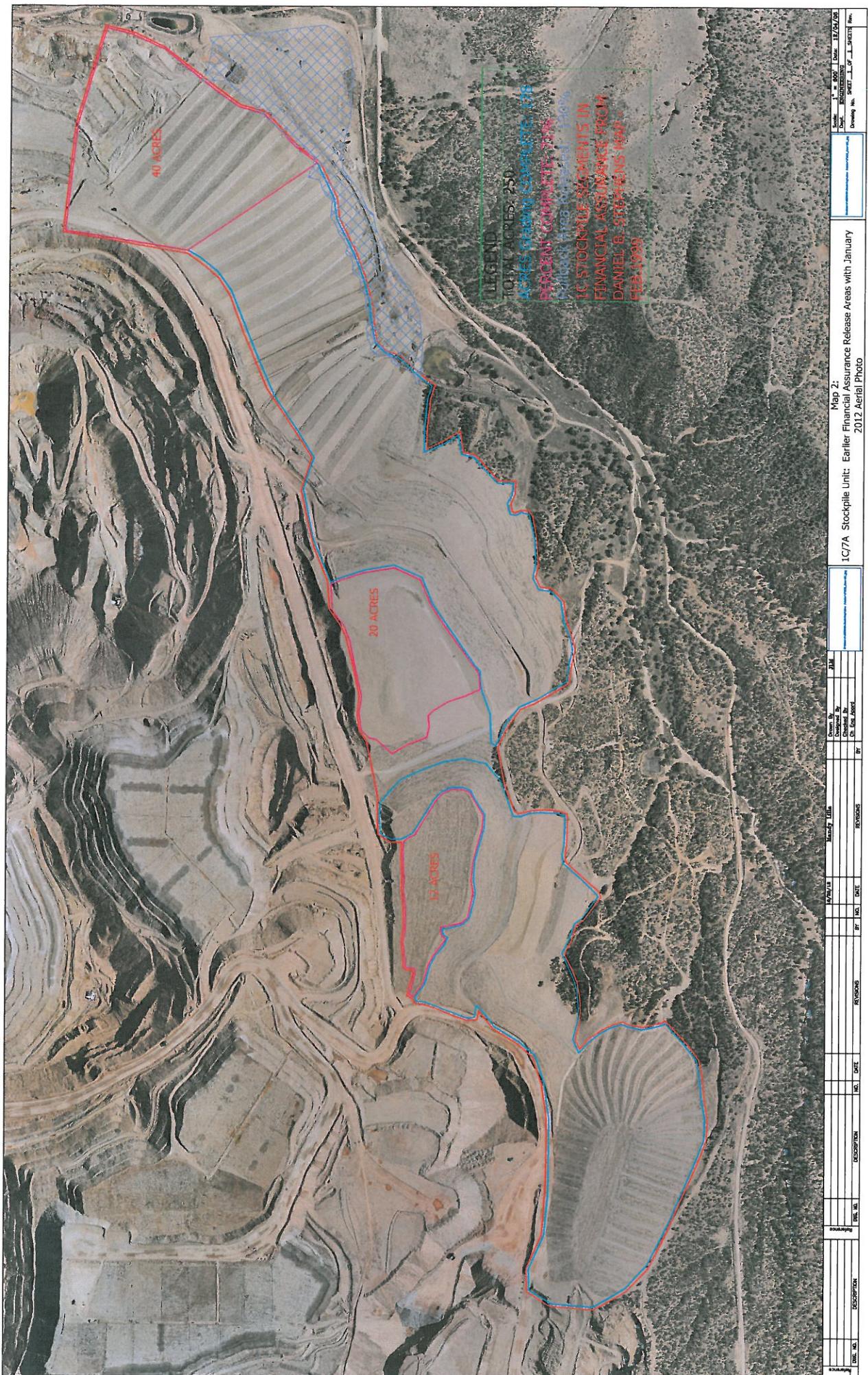


July 27, 2012 - View South to North – 7A West Upper Stockpile Reclamation



July 27, 2012 - View Southeast to Northwest – 1C Stockpile Reclamation



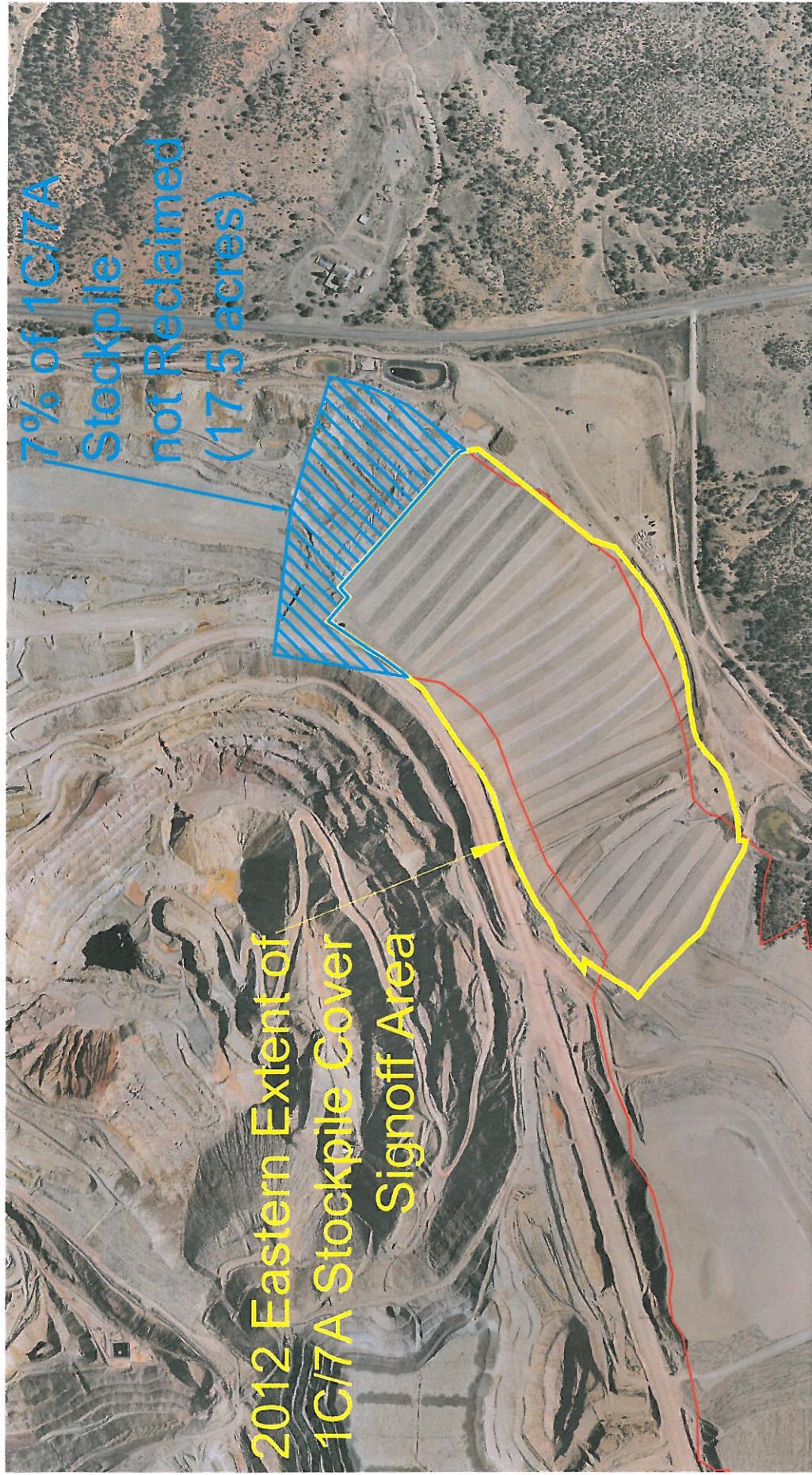




Map 3: 'Pushdown Existing Outslope' Areas Remaining in FA in 2010	1C/7A Stockpile Unit	Date: 12/1/11
Drawn By:	Measured By:	Scale:
Checked By:	Approved By:	Sheet 1 of 1
St. No.:	Drawing No.:	Rev. No.:
Revised:	Revised:	Revised:
Initials:	Initials:	Initials:



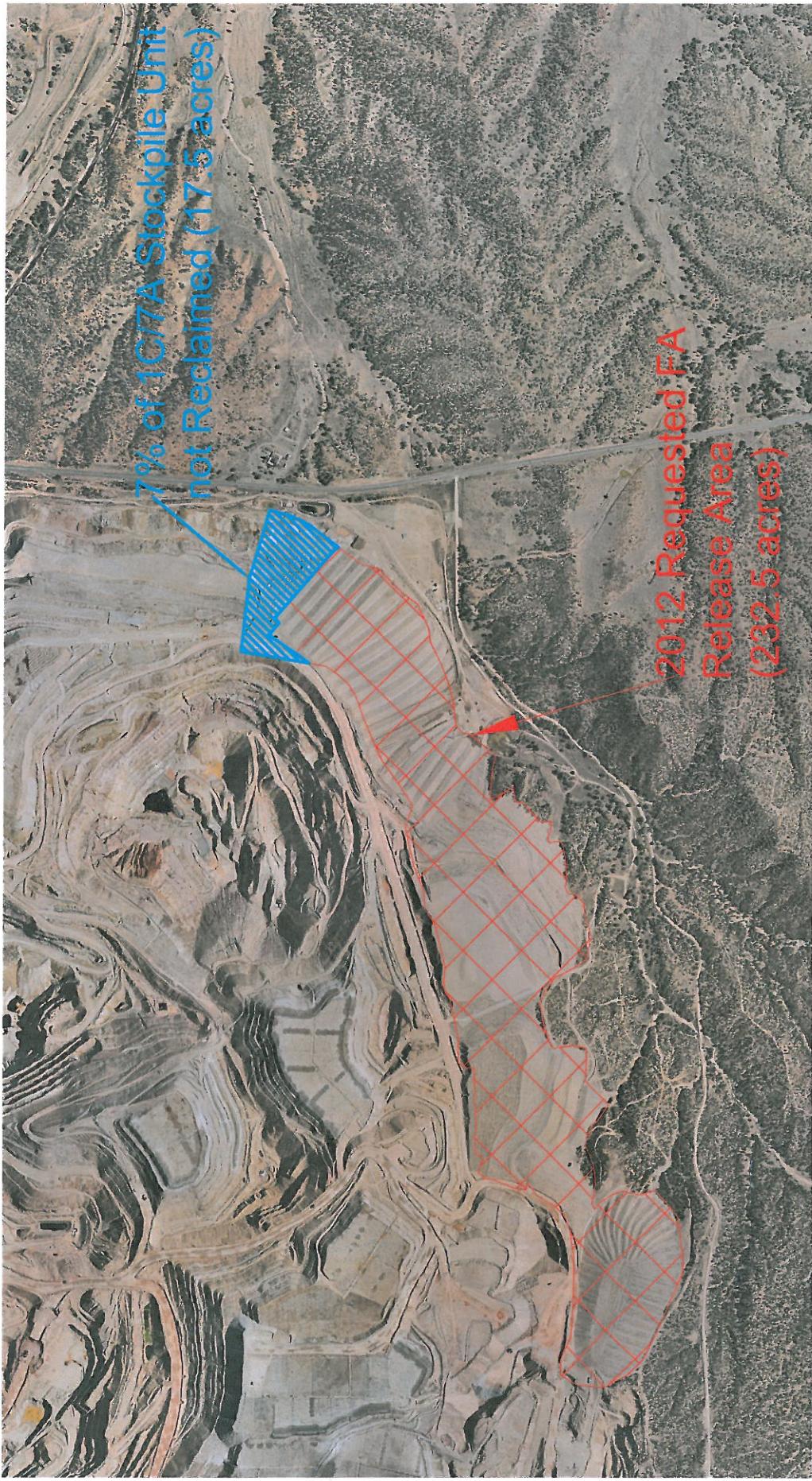
Map 4: 1C/7A Stockpile Unit Pushdown Existing Outslope Area Not Reclaimed	
Drawn By	MAE
Designed By	
Checked By	
Date Drawn	07/10/2010
Date Checked	
Date Approved	
Drawing No.	1C/7A
Scale	1:2000
Drawing Description	Pushdown Existing Outslope Area Not Reclaimed
Notes	"A" = 1000' Dist. Between Sides "B" = 100' Dist. Between Sides "C" = 10' Dist. Between Sides



Sheet No.	1	Scale:	1" = 600'	Date:	10/21/13
Section:	1C/7A	Sheet No.:	1	Drawing No.:	10-0000000000000000
Block:		Block No.:		Revised:	
Lot:		Lot No.:		Approved:	
Block:		Block No.:		Drawn by:	
Lot:		Lot No.:		Checked by:	
Block:		Block No.:		Supervised by:	
Lot:		Lot No.:		Drawn At:	
Block:		Block No.:		Checked At:	
Lot:		Lot No.:		Supervised At:	
Block:		Block No.:		Approved At:	
Lot:		Lot No.:		Date:	

*7% of 1C/7A Stockpile Unit
not Reclaimed (17.5 acres)*

*2012 Requested FA
Release Area
(232.5 acres)*



Drawn By	Map No.
Checked By	
Date Drawn	
Date Checked	
Drawing No.	
Scale	
Description	
Sheet No.	of Sheets

* = NOT TO SCALE
Scale: _____
Drawing No.: _____
Sheet No.: _____ of _____ Sheets

Discussion of Financial Assurance Calculations

The financial assurance (FA) boundary for the 1C/7A Stockpile Unit for purposes of financial assurance calculations (Map 1) is different from the stockpile area boundary (Figure 1 of cover letter). The reason for this is the FA was based on a 1999 Daniel B. Stephens map and the current reclaimed surface was designed to cover essentially the same area, but there were practical limitations to accommodate the drainage pattern from the site. Overall, the difference is that slightly less area was reclaimed than outlined in the original Daniel B. Stephens map as explained below (Map 2, compare boundary overlain on orthophoto map).

Tyrone requested and received approval for two previous partial FA releases for the 1C/7A Stockpile Unit. The releases were for removing mine stockpile material from Oak Grove Wash (“Pullback” line items, requested for release in 2005) and for partially re-grading the 1C/7A outslopes (“Pushdown” line item, requested for release in 2006). These previous releases are summarized in Attachment B, Table 1. The relationship between those releases and the current release request are described in more detail below.

In 2006 Tyrone requested and received partial FA release for ‘Pushdown Existing Outslopes’ at the 1C/7A Stockpile Unit (see Maps 1 and 2). The FA release, in 2006, was for 175 acres of the 250 acres (70%) within the FA boundary. Of the 75 acres remaining (not released from FA, see Map 3) for Tyrone’s ‘Pushdown Existing Outslopes’, only 17.5 acres remain un-reclaimed today which is about 25% of the original 75 acres that were not re-graded in the 2006 release (See Map 4). Therefore, 75% of the remaining FA for “Pushdown Existing Outslopes” is proposed for release (see Attachment B, Table 2, 3rd column)

The completed area of the 1C/7A Stockpile Unit has met the minimum thickness of cover (checked and verified by NMED) required by the agencies directives dependent upon the materials used. The boundary defining the acreage reclaimed (232.5 acres) within the existing FA boundary was derived from this area of approved cover (see Map 5).

Tyrone has reclaimed areas outside the FA boundary. There are also areas within the FA boundary that Tyrone hasn’t reclaimed (7% of FA area), see Map 6.

Overall, the data indicates that 93% of the originally defined surface area within the FA boundary (excluding pullback of waste rock from Oak Grove Wash) of the 1C/7A Stockpile Unit has been reclaimed including placement of required cover (see Maps 5 and 6) and construction of the stormwater conveyances. Therefore, 93% of the remaining FA (other than “Pushdown existing outslopes”) is proposed for release (see Attachment B, Table 2, 3rd column). A summary of the costs proposed for this release is provided in Table 1 of this attachment D and they correspond to Attachment B, Table 2.

The portion of the originally defined area that has not been reclaimed will be incorporated into the reclamation plan for the 1A Stockpile.

Attachment D - Table 1 - Financial Assurance Cost Estimates for Work Completed at 1C/7A
Stockpile Unit in 2003 Dollars

Financial Assurance Release Cost Calculation (Current Cost)
Scope of Work Completed: Complete Reclamation: 1C/7A Stockpile Unit

1C/7A Stockpile Unit

2003\$, Approved Reclamation Cost Estimate	2012 Release Amount Requested	FA Amount Before Reduction	FA Amount After Reduction
Earthwork			
Pushdown existing outslopes	\$1,250,897		
Grade Existing Surface	\$6,491		
Grade GC Material	\$6,744		
Rip Existing Surface	\$25,660		
Load GC Material on trucks	\$400,090		
Haul GC Material	\$1,951,148		
Revegetation 100% (plow, apply fertilizer, seed mix mulch and crimp mulch)	\$0		
	\$0		
Other	\$0		
Fencing, TP perimeter	\$0		
Screening plant for rip rap prod.	\$53,300		
Outslope ditch, 100'horiz. Int.	\$347,556		
Outslope ditch rip rap, haul	\$197,731		
Outslope ditch rip rap, backfill	\$46,398		
Direct Cost Sum	\$4,286,016		
Indirect Sum 39.6%			
Indirect Cost Sum	\$1,697,262		
Total without NMGRT =	\$5,983,278	\$7,407,337	\$1,424,059

Attachment E
Present Day (2003) Financial Assurance Cost
Estimate for Additional Studies

Additional Studies Information

Additional Studies Start Date: 2003

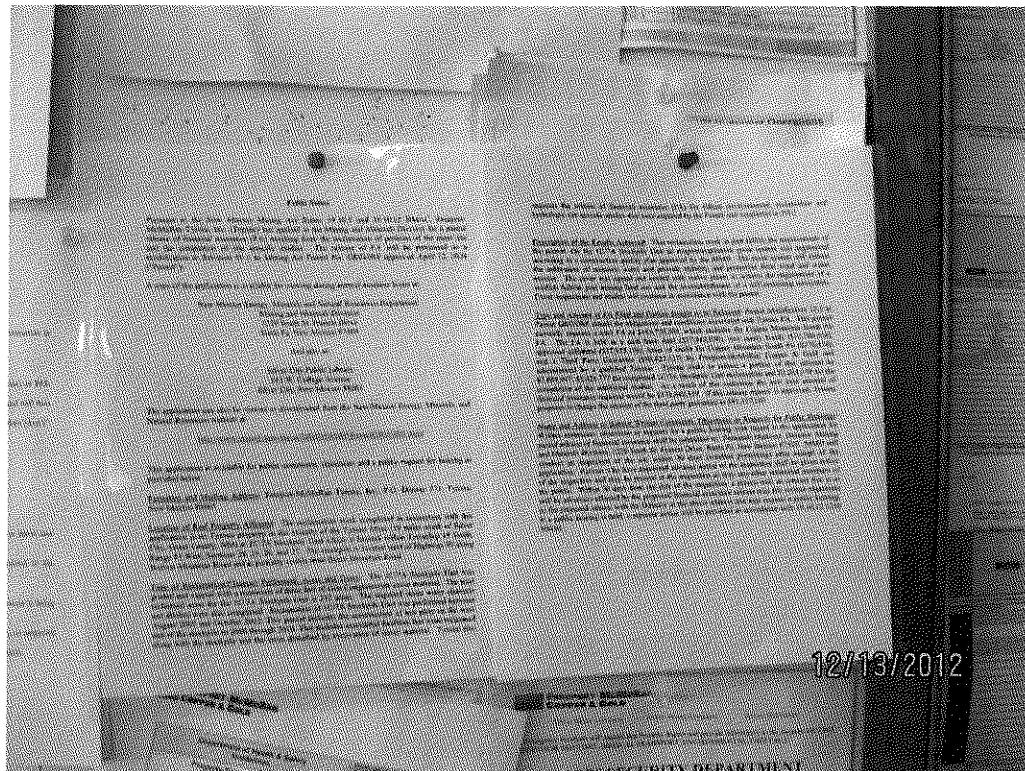
Additional Studies Completion Date: December 2012

All studies were conducted by outside engineering firms over a period of several years (length of time varied by project). The earliest project began in 2003 and all studies will be or have been completed by December 31, 2012. A list of studies that will or have been completed at Tyrone Mine by December 31, 2012 is provided in this attachment with the estimated cost in 2003 dollars that was used in financial assurance.

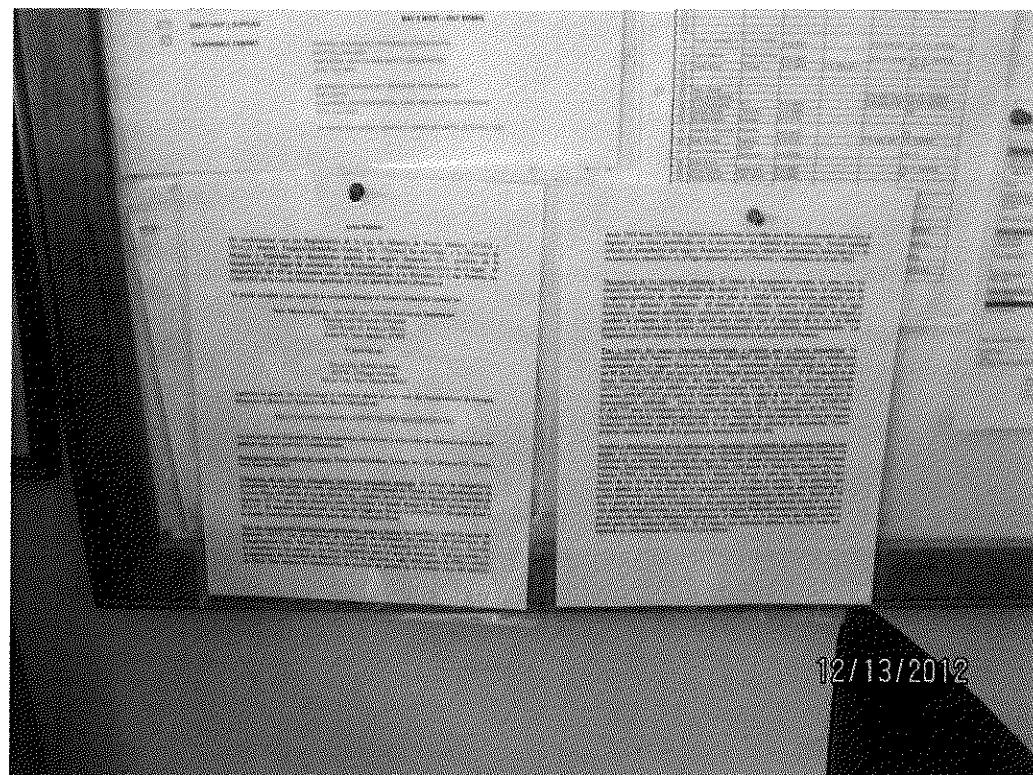
The Comprehensive Cover Performance Evaluation Study (Condition 75) and Tailing Impoundment Cover System Effectiveness Study (Condition 77) were combined, completed, and submitted with the Test Plot Study (Condition 76) report in previous test plot reports and will be updated in the 2012 report. All other studies listed below were completed and a report with their findings was submitted before 2008.

Condition #	Condition Description	Estimated Total Cost
75	Comprehensive Cover Performance Evaluation	\$30,000
76	Cover, Erosion and Revegetation Test Plot Study	\$330,000
77	Tailing Impoundment Cover System Effectiveness	\$130,000
78	Supplemental Stability Study	\$145,000
79	Revise Borrow Materials Investigation for Leach Ore and Waste Stockpiles	\$20,000
80	Supplement to Materials Characterization of Leach of Leach Ore & Waste Rock Stockpiles	\$327,000
81	Revise Seepage Investigation Report for Leach Ore & Waste Rock Stockpiles under closure conditions	\$201,000
82	Supplement to Hydrologic Conditions under Tyrone Mine	\$487,000
83	Supplement to Pit Lake Formation Model	\$165,500
84	Evaluation of 1980 Reclamation of No. 3 Tailing Area Spill	\$20,000
85	Windblown Tailing Deposition Study	\$18,000
86	Preliminary Sludge Handling Plan and Cost Estimate	\$57,000
87	Surface Impoundment Study	\$15,000
88	Process Solution Elimination Study	\$15,000
89	Feasibility Study	\$300,000
Total		\$2,260,500

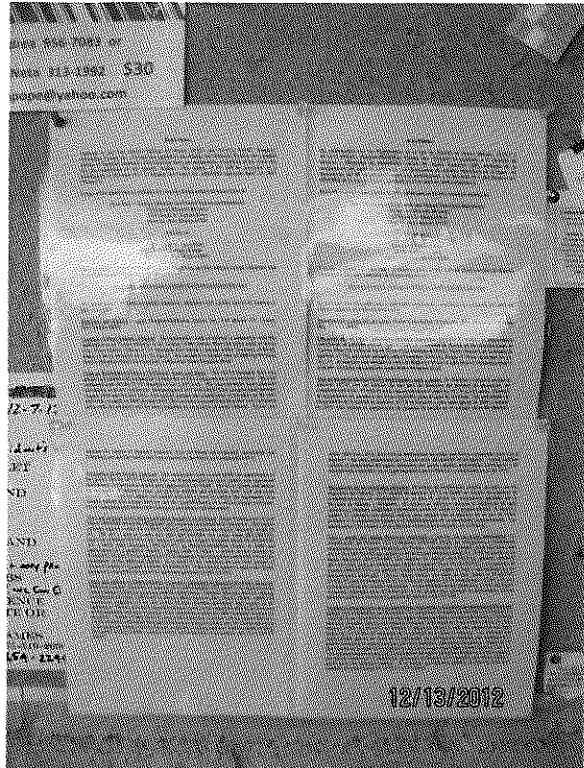
Attachment F
Public Notice Documentation



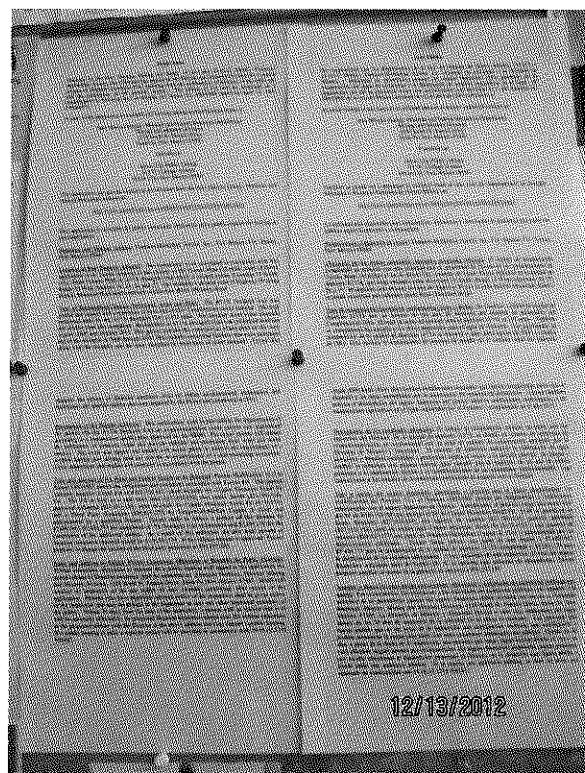
Public Notice Posted in English at Tyrone Security Gate



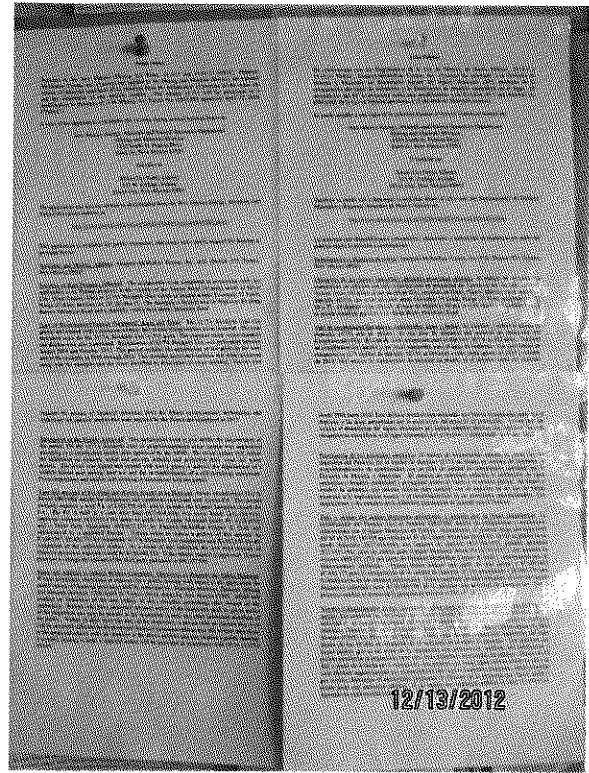
Public Notice Posted in Spanish at Tyrone Security Gate



Public Notice Posted in English and Spanish at the Post Office/Tyrone Community Center



Public Notice Posted in English and Spanish at the Silver City Library



Public Notice Posted in English and Spanish at the Grant County Administration Building

**Silver City Daily Press
and Independent**
3130A Hwy. 180 E.
Post Office Box 740
Silver City, New Mexico 88062
(575) 388-1576

INVOICE FOR PUBLICATION OF LEGAL NOTICE

ATTN: Jeanie Gutierrez
PO Box 571
Tyrone, NM 88065

Date	Description	PO#	Inches	Lines1	Total
12/17/12	Public Notice (Spanish)		21.00	147.00 @ .63 = \$92.61	
				@ .49 =	
				@ .49 =	
				@ .49 =	
				@ .49 =	
				@ .49 =	
				@ .49 =	

Total Inches 21.00

Subtotal \$92.61

Tax \$6.83

Please include top portion with payment to ensure proper credit. Grand Total \$99.44

Affidavit of Publication

STATE OF NEW MEXICO

] S S

County of Grant

Christina Ely, being first duly sworn, on her oath says: That she is the publisher of the Silver City Daily Press and Independent, a newspaper printed and published in the Town of Silver City, in the County of Grant and the State of New Mexico, and that said newspaper is now, and was at all times herein mentioned, a newspaper of general circulation.

That the advertisement, copy of which is hereto attached, was published in said hereinbefore mentioned newspaper once each and every week for 1 consecutive week (s), the first publication thereof having been made on 12/17/12 and the last publication thereof having been made on . That said newspaper was regularly printed, published and issued with said notice herein upon the following dates, to wit:

12/17/12

Christina Ely

Subscribed and sworn to before me on this 20th day of December 2012

Melanie K. Rogers

Legal

Aviso Público
De conformidad con los Reglamentos de la Ley de Minería de Nuevo México 19.10.5 y 19.10.12 NMAC, Freeport-McMoRan Tyrone, Inc., Tyrone) ha solicitado a la División de Minería y Minerales un desembolso parcial del

OFFICIAL SEAL

Melanie K. Rogers

NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 12/11/14

Notary Public

**Silver City Daily Press
and Independent**
3130A Hwy. 180 E.
Post Office Box 740
Silver City, New Mexico 88062
(575) 388-1576

INVOICE FOR PUBLICATION OF LEGAL NOTICE

ATTN: Jeanie Gutierrez
PO Box 571
Tyrone, NM 88065

Date	Description	PO#	Inches	Lines1	Total
12/17/12	Public Notice		19.25	134.75 @ .63	= \$84.89
				@ .49	=
				@ .49	=
				@ .49	=
				@ .49	=
				@ .49	=
				@ .49	=
				@ .49	=

Total Inches 19.25 Subtotal \$84.89

Tax \$6.26

Please include top portion with payment to ensure proper credit. Grand Total \$91.15

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12/17/12

Christina Ely

Subscribed and sworn to before me on this 20th day of December 2012



Legal

Public Notice
Pursuant to the New Mexico Mining Act Rules, 19.10.5 and 19.10.12 NMAC, Freeport-McMoRan Tyrone, Inc. (Tyrone) has applied to the Mining and Minerals Division for a partial release of financial

OFFICIAL SEAL

Melanie K. Rogers

NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: 6/1/14

Notary Public

Melanie K. Rogers

Silver City Daily Press
and Independent

3130A Hwy. 180 E.
Post Office Box 740
Silver City, New Mexico 88062
(575) 388-1576

INVOICE FOR PUBLICATION OF LEGAL NOTICE

ATTN: Jeanie Gutierrez
PO Box 571
Tyrone, NM 88065

Date	Description	PO#	Inches	Lines1	Total
12/17/12	Public Notice (Spanish)		40	@ .55 = 840	336.00
				@ .49 =	
				@ .49 =	
				@ .49 =	
				@ .49 =	
				@ .49 =	
				@ .49 =	

Total Inches 0.00

Subtotal \$0.00 336.00

Tax \$0.00 24.78

Grand Total \$0.00 360.78

Please include top portion with payment to ensure proper credit.

Affidavit of Publication

STATE OF NEW MEXICO

S S

County of Grant

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12/17/12

Christina Ely

Subscribed and sworn to before me on this 20th day of December 2012



OFFICIAL SEAL
Melanie K. Rogers
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: 01/14

Melanie K. Rogers
Notary Public

Aviso Público

De conformidad con los Reglamentos de la Ley de Minería de Nuevo México, 19.10.5 y 19.10.12 NMAC, Freeport-McMoRan Tyrone, Inc. (Tyrone) ha solicitado a la División de Minería y Minerales un desembolso parcial del seguro financiero (SF), producto de la recuperación del lugar de extracción y la finalización de estudios específicos en el lugar. El desembolso del SF se procesará como una modificación a la Revisión 01-1 del Permiso no. GR010RE de la Ley de Minería aprobado el 12 de abril de 2004 («Permiso»).

Se puede acceder a una copia de la solicitud durante el horario comercial normal en:

New Mexico Energy, Minerals and Natural Resources Department
Mining and Minerals Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Y también en:

Silver City Public Library
515 W. College Avenue
Silver City, New Mexico 88061

También se puede ver o descargar la solicitud desde el sitio web del Departamento de Energía, Minerales y Recursos Naturales de Nuevo México en:

<http://www.emnrd.state.nm.us/MMD/MARP/PermitGR010RE.html>

La solicitud está disponible para comentarios, objeciones y solicitudes de audiencia por parte del público según lo previsto a continuación.

Permisionario y dirección de correo: Freeport-McMoRan Tyrone, Inc., P.O. Drawer 571, Tyrone, New Mexico 88065

Ubicación de los bienes inmuebles afectados propiedad afectada: El trabajo de recuperación completado en relación con esta solicitud está en propiedad de Tyrone en las inmediaciones de Tyrone Mine (10 millas al sur de Silver City, condado de Grant, Nuevo México) en la unidad de depósito 1C/7A, que están ubicados entre Township 19 South, Range 15 West, secciones 24, 25, 26 y 27. El depósito está ubicado al oeste de Highway 90 por la calle Burrow Mountain Road y se puede visualizar parcialmente desde Burrow Mountain Road.

Tipo de recuperación/liquidación preformados, acres y fechas: Se clasificó y cubrió la unidad de depósito 1C/7A con un mínimo de tres pies de distancia del material de protección del Conglomerado Gila. El total de acres recuperado para el depósito 1C/7A es 232 acres. También se completaron los canales y los fosos requeridos para el agua de tormenta. Las actividades de recuperación de la unidad de depósito 1C/7A se llevaron a cabo entre agosto de 2005 y octubre de 2012. Esto incluye la construcción de parcelas de prueba en el extremo oeste del depósito desde 2008 hasta 2010. Esto incluye instalaciones asociadas que fueron recuperadas junto con el depósito y las áreas perturbadas por la excavación del material de protección. Tyrone también solicita el desembolso del seguro financiero por quince estudios ambientales, hidrológicos y de recuperación específicos en el lugar requeridos por el Permiso y completados en el año 2012.

Descripción de los resultados obtenidos: El trabajo de recuperación cumple, en parte, con los requisitos del Permiso. En la unidad de depósito 1C/7A se diseñó un sistema de cobertura de evapotranspiración de conformidad con un plan de calidad de construcción aprobado por la División de Minería y Minerales. El sistema de cobertura reducirá la infiltración de agua meteórica y brindará estabilidad y protección contra el viento y la erosión pluvial. Se limpió y sembró la cobertura con plantas nativas para cumplir con el requisito de un uso de tierras posterior a la explotación minera y el establecimiento de un ecosistema autosustentable. Las inspecciones y los estudios de la cobertura continuarán de acuerdo con el Permiso.

Tipo y monto del seguro financiero presentado y porción que se busca desembolsar: La modificación del Permiso 12-2 al Permiso GR010RE detalla las obligaciones y condiciones relacionadas con el seguro financiero de Tyrone. Actualmente, el permiso exige una suma total del SF de \$185,730,505 que incluye el SF de Copper Mountain South Pit. El SF se guarda en un fondo fiduciario (\$27,018,850), dos seguros de caución (\$31,780,518), garantía aprobada (\$27,033,136), carta de crédito para Copper Mountain South Pit (\$170,874) y una garantía de terceros (\$98,827,127) por parte de Freeport-McMoRan Copper & Gold y administrada por un fideicomisario calificado. Tyrone busca reducir una parte de este monto a \$7,689,947. \$5,426,777 para la recuperación de la unidad de depósito 1C/7A completada y \$2,263,170 para la finalización de los estudios adicionales. Como resultado de esta reducción, el total del seguro financiero solicitado sería \$178,040,559. Si se aprueba esta solicitud de desembolso, Tyrone propone cambiar el monto de la garantía de terceros a \$91,137,180.

Nombre y dirección para enviar comentarios, objeciones y solicitudes de audiencias públicas por escrito: Los comentarios, las objeciones y las solicitudes de audiencias públicas con respecto a la solicitud de un desembolso parcial del seguro financiero deben enviarse por escrito a: Fernando Martinez, Director, Mining and Minerals Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. La División de Minería y Minerales llevará a cabo una inspección del lugar dentro de los 30 días de recepción de la solicitud (si el clima lo permite). Las personas que hayan pedido que se les avise de la inspección con anticipación recibirán una notificación y podrán presenciar la inspección junto con otros miembros interesados del público. Dentro de 30 días a partir de la fecha de la inspección, una persona que tenga algún interés donde se vea o se verá afectado negativamente por el desembolso del seguro financiero propuesto, puede presentar por escrito objeciones al desembolso propuesto al Director en la dirección que figura arriba y puede pedir una audiencia pública. Si se realiza una audiencia pública, se dará un aviso por separado en conformidad con 19.10.12.1210 NMAC.

Silver City Daily Press
and Independent

3130A Hwy. 180 E.
Post Office Box 740
Silver City, New Mexico 88062
(575) 388-1576

INVOICE FOR PUBLICATION OF LEGAL NOTICE

ATTN: Jeanie Gutierrez
PO Box 571
Tyrone, NM 88065

Date	Description	PO#	Inches	Lines1	Total
12/17/12	Public Notice		40	@ .65 = 8.40	8.40 = 336.00
				@ .49 =	
				@ .49 =	
				@ .49 =	
				@ .49 =	
				@ .49 =	
				@ .49 =	

Total Inches 0.00

Subtotal \$0.00 336.00

Tax \$0.00 24.78

Grand Total \$0.00 360.78

Please include top portion with payment to ensure proper credit.

Affidavit of Publication

STATE OF NEW MEXICO

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County of Grant

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12/17/12

Christine Ely

Subscribed and sworn to before me on this 20th day of December 2012



OFFICIAL SEAL
Melanie K. Rogers
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: 10/14

Melanie K. Rogers

Notary Public

Public Notice

Pursuant to the New Mexico Mining Act Rules, 19.10.5 and 19.10.12 NMAC, Freeport-McMoRan Tyrone, Inc. (Tyrone) has applied to the Mining and Minerals Division for a partial release of financial assurance (FA) resulting from the reclamation of portions of the mine site and the completion of site specific studies. The release of FA will be processed as a modification to Revision 01-1 to Mining Act Permit No. GR010RE approved April 12, 2004 ("Permit").

A copy of the application is available for viewing during normal business hours at:

New Mexico Energy, Minerals and Natural Resources Department
Mining and Minerals Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

And also at:

Silver City Public Library
515 W. College Avenue
Silver City, New Mexico 88061

The application can also be viewed or downloaded from the New Mexico Energy, Minerals, and Natural Resources website at:

<http://www.emnrd.state.nm.us/MMD/MARP/PermitGR010RE.html>

This application is available for public comments, objections and a public request for hearing as provided below.

Permittee and Mailing Address: Freeport-McMoRan Tyrone, Inc., P.O. Drawer 571, Tyrone, New Mexico 88065

Location of Real Property Affected: The reclamation work completed in connection with this application is on Tyrone property in the vicinity of the Tyrone Mine (10 miles south of Silver City, Grant County, NM) at 1C/7A Stockpile Unit which is located within Township 19 South, Range 15 West, Sections 24, 25, 26, and 27. The stockpile is located west of Highway 90 along Burrow Mountain Road and is partially visible from Burro Mountain Road.

Type of Reclamation/Closeout Performed, Acres and Dates: The 1C/7A Stockpile Unit was graded and capped with a minimum of three feet of Gila Conglomerate cover material. The total reclaimed acres for the 1C/7A Stockpile Unit is 232 acres. The required storm water channels and ditches were also completed. Reclamation of 1C/7A Stockpile Unit was performed between August 2005 and October 2012. This period includes the construction of test plots on the west end of the stockpile in 2008 through 2010. This includes associated facilities that were reclaimed along with the stockpile and the areas disturbed by excavation of cover material. Tyrone also requests the release of financial assurance (FA) for fifteen environmental, reclamation and hydrologic site specific studies that were required by the Permit and completed in 2012.

Description of the Results Achieved: This reclamation work in part fulfills the requirements of the permit. On the 1C/7A Stockpile Unit an evapotranspiration cover system was engineered according to a construction quality plan approved by the MMD. The cover system will reduce the infiltration of meteoric water and provide stability and protection from wind and water erosion. The cover was ripped and seeded with native plants to achieve the requirement of a wildlife habitat post mining land use and the re-establishment of a self-sustaining ecosystem. Cover inspections and studies will continue in accordance with the permit.

Type and Amount of FA Filed and Portion Sought to be Released: Permit Modification 12-2 to Permit GR010RE details the obligations and conditions associated with Tyrone FA. This permit currently requires a total FA of \$185,730,505, which includes the Copper Mountain South Pit FA. The FA is held in a cash trust fund (\$27,018,850), two surety bonds (\$31,780,518), approved collateral (\$27,933,136), letter of credit for Copper Mountain South Pit (\$170,874), and a Third Party Guarantee (\$98,827,127) by Freeport-McMoRan Copper & Gold and administered by a qualified Trustee. Tyrone seeks to reduce a portion of this amount by \$7,689,947; \$5,426,777 for completed 1C/7A Stockpile Unit reclamation and \$2,263,170 for the completion of the additional studies. As a result of this reduction, the new total amount of financial assurance required would be \$178,040,559. If this release request is approved, Tyrone proposes to change the amount of the third party guarantee to \$91,137,180.

Name and Address to Submit Written Comments, Objections or Requests for Public Hearings: Written comments, objections or requests for a public hearing with regard to the application for partial release of financial assurance shall be submitted to: Fernando Martinez, Director, Mining and Minerals Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. MMD will conduct an inspection of the site within 30 days (weather permitting) after receipt of the application. Persons who have requested advance notice of the inspection shall be given notice of the inspection and may be present at the inspection as may any other interested members of the public. Within 30 days from the date of the inspection, a person with an interest that is or will be adversely affected by the proposed financial assurance release may file written objections to the proposed release with the Director at the above address and may request a public hearing. If a public hearing is held, a separate notice will be provided in accordance with 19.10.12.1210 NMAC.



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

December 13, 2012

Certified Mail
Return Receipt Requested

To Whom It Concerns:

**Re: Tyrone Mine Company, Permit No. GR010RE Revision 01-1, Notice of
Permit Modification Application For Partial Financial Assurance Release**

Freeport-McMoRan Tyrone Mine Company (Tyrone) has applied to the New Mexico Energy, Minerals and Natural Resources Department, Mining and Minerals Division for a modification of the referenced permit under rules 19.10.9.902 and 19.10.9.903 of the NMAC. The modification requests a partial release of financial assurance required for reclamation. The proposed release is for that portion of reclamation work that Tyrone has completed. As a nearby property owner or interested party, you are being provided the attached copy of the public notice concerning this modification request.

If you have any questions, please feel free to contact the New Mexico Energy, Minerals and Natural Resources Department in Santa Fe at (505) 476-3432 or Lynn Lande at (575) 912-5235.

Sincerely,

A handwritten signature in black ink that reads "Thomas L. Shelley". The signature is fluid and cursive, with "Thomas" on the first line and "L. Shelley" on the second line.

Thomas L. Shelley, Manager
Reclamation

TLS:ml
Attachments
20121213-100

Public Notice

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Mining and Minerals Division
1220 South St. Francis Drive
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And also at:

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515 W. College Avenue
Silver City, New Mexico 88061

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requests the release of financial assurance (FA) for fifteen environmental, reclamation and hydrologic site specific studies that were required by the Permit and completed in 2012.

Description of the Results Achieved: This reclamation work in part fulfills the requirements of the permit. On the 1C/7A Stockpile Unit an evapotranspiration cover system was engineered according to a construction quality plan approved by the MMD. The cover system will reduce the infiltration of meteoric water and provide stability and protection from wind and water erosion. The cover was ripped and seeded with native plants to achieve the requirement of a wildlife habitat post mining land use and the re-establishment of a self-sustaining ecosystem. Cover inspections and studies will continue in accordance with the permit.

Type and Amount of FA Filed and Portion Sought to be Released: Permit Modification 12-2 to Permit GR010RE details the obligations and conditions associated with Tyrone FA. This permit currently requires a total FA of \$185,730,505, which includes the Copper Mountain South Pit FA. The FA is held in a cash trust fund (\$27,018,850), two surety bonds (\$31,780,518), approved collateral (\$27,933,136), letter of credit for Copper Mountain South Pit (\$170,874), and a Third Party Guarantee (\$98,827,127) by Freeport-McMoRan Copper & Gold and administered by a qualified Trustee. Tyrone seeks to reduce a portion of this amount by \$7,689,947: \$5,426,777 for completed 1C/7A Stockpile Unit reclamation and \$2,263,170 for the completion of the additional studies. As a result of this reduction, the new total amount of financial assurance required would be \$178,040,559. If this release request is approved, Tyrone proposes to change the amount of the third party guarantee to \$91,137,180.

Name and Address to Submit Written Comments, Objections or Requests for Public Hearings: Written comments, objections or requests for a public hearing with regard to the application for partial release of financial assurance shall be submitted to: Fernando Martinez, Director, Mining and Minerals Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. MMD will conduct an inspection of the site within 30 days (weather permitting) after receipt of the application. Persons who have requested advance notice of the inspection shall be given notice of the inspection and may be present at the inspection as may any other interested members of the public. Within 30 days from the date of the inspection, a person with an interest that is or will be adversely affected by the proposed financial assurance release may file written objections to the proposed release with the Director at the above address and may request a public hearing. If a public hearing is held, a separate notice will be provided in accordance with 19.10.12.1210 NMAC.

Aviso Público

De conformidad con los Reglamentos de la Ley de Minería de Nuevo México, 19.10.5 y 19.10.12 NMAC, Freeport-McMoRan Tyrone, Inc. (Tyrone) ha solicitado a la División de Minería y Minerales un desembolso parcial del seguro financiero (SF), producto de la recuperación del lugar de extracción y la finalización de estudios específicos en el lugar. El desembolso del SF se procesará como una modificación a la Revisión 01-1 del Permiso no. GR010RE de la Ley de Minería aprobado el 12 de abril de 2004 («Permiso»).

Se puede acceder a una copia de la solicitud durante el horario comercial normal en:

New Mexico Energy, Minerals and Natural Resources Department
Mining and Minerals Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Y también en:

Silver City Public Library
515 W. College Avenue
Silver City, New Mexico 88061

También se puede ver o descargar la solicitud desde el sitio web del Departamento de Energía, Minerales y Recursos Naturales de Nuevo México en:

<http://www.emnrd.state.nm.us/MMD/MARP/PermitGR010RE.html>

La solicitud está disponible para comentarios, objeciones y solicitudes de audiencia por parte del público según lo previsto a continuación.

Permisionario y dirección de correo: Freeport-McMoRan Tyrone, Inc., P.O. Drawer 571, Tyrone, New Mexico 88065

Ubicación de los bienes inmuebles afectados propiedad afectada: El trabajo de recuperación completado en relación con esta solicitud está en propiedad de Tyrone en las inmediaciones de Tyrone Mine (10 millas al sur de Silver City, condado de Grant, Nuevo México) en la unidad de depósito 1C/7A, que están ubicados entre Township 19 South, Range 15 West, secciones 24, 25, 26 y 27. El depósito está ubicado al oeste de Highway 90 por la calle Burrow Mountain Road y se puede visualizar parcialmente desde Burro Mountain Road.

Tipo de recuperación/liquidación preformados, acres y fechas: Se clasificó y cubrió la unidad de depósito 1C/7A con un mínimo de tres pies de distancia del material de protección del Conglomerado Gila. El total de acres recuperado para el depósito 1C/7A es 232 acres. También se completaron los canales y los fosos requeridos para el agua de tormenta. Las actividades de recuperación de la unidad de depósito 1C/7A se llevaron a cabo entre agosto de 2005 y octubre de 2012. Esto incluye la construcción de parcelas de prueba en el extremo oeste del depósito

desde 2008 hasta 2010. Esto incluye instalaciones asociadas que fueron recuperadas junto con el depósito y las áreas perturbadas por la excavación del material de protección. Tyrone también solicita el desembolso del seguro financiero por quince estudios ambientales, hidrológicos y de recuperación específicos en el lugar requeridos por el Permiso y completados en el año 2012.

Descripción de los resultados obtenidos: El trabajo de recuperación cumple, en parte, con los requisitos del Permiso. En la unidad de depósito 1C/7A se diseñó un sistema de cobertura de evapotranspiración de conformidad con un plan de calidad de construcción aprobado por la División de Minería y Minerales. El sistema de cobertura reducirá la infiltración de agua meteórica y brindará estabilidad y protección contra el viento y la erosión pluvial. Se limpió y sembró la cobertura con plantas nativas para cumplir con el requisito de un uso de tierras posterior a la explotación minera y el restablecimiento de un ecosistema autosustentable. Las inspecciones y los estudios de la cobertura continuarán de acuerdo con el Permiso.

Tipo y monto del seguro financiero presentado y porción que se busca desembolsar: La modificación del Permiso 12-2 al Permiso GR010RE detalla las obligaciones y condiciones relacionadas con el seguro financiero de Tyrone. Actualmente, el permiso exige una suma total del SF de \$185.730.505 que incluye el SF de Copper Mountain South Pit. El SF se guarda en un fondo fiduciario (\$27.018.850), dos seguros de caución (\$31.780.518), garantía aprobada (\$27.933.136), carta de crédito para Copper Mountain South Pit (\$170.874) y una garantía de terceros (\$98.827.127) por parte de Freeport-McMoRan Copper & Gold y administrada por un fideicomisario calificado. Tyrone busca reducir una parte de este monto a \$7.689.947: \$5.426.777 para la recuperación de la unidad de depósito 1C/7A completada y \$2.263.170 para la finalización de los estudios adicionales. Como resultado de esta reducción, el total del seguro financiero solicitado sería \$178.040.559. Si se aprueba esta solicitud de desembolso, Tyrone propone cambiar el monto de la garantía de terceros a \$91.137.180.

Nombre y dirección para enviar comentarios, objeciones y solicitudes de audiencias públicas por escrito: Los comentarios, las objeciones y las solicitudes de audiencias públicas con respecto a la solicitud de un desembolso parcial del seguro financiero deben enviarse por escrito a: Fernando Martinez, Director, Mining and Minerals Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. La División de Minería y Minerales llevará a cabo una inspección del lugar dentro de los 30 días de recepción de la solicitud (si el clima lo permite). Las personas que hayan pedido que se les avise de la inspección con anticipación recibirán una notificación y podrán presenciar la inspección junto con otros miembros interesados del público. Dentro de 30 días a partir de la fecha de la inspección, una persona que tenga algún interés donde se vea o se verá afectado negativamente por el desembolso del seguro financiero propuesto, puede presentar por escrito objeciones al desembolso propuesto al Director en la dirección que figura arriba y puede pedir una audiencia pública. Si se realiza una audiencia pública, se dará un aviso por separado en conformidad con 19.10.12.1210 NMAC.

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Dana S. Carlson
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Silver City, NM 88062

James McCauley
PO Box 1497
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Elvis Utz Estate et al
c/o David Tulluch
1036 Matador SE
Albuquerque, NM 87123

Holman Family Trust et al
Rebecca Hamilton, Trustee
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Manhattan Beach, CA 90266

Barry Zolotar
17 Adobe Lane
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LT Ranch LLC
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Maxine Goad
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Arthur Allison
Cabinet Secretary-Indian
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Director, Responsible Mining Program-Gila
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Commissioner – New Mexico State
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Michael Mariano
Minerals Manager – New Mexico State Land
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Biologist - U.S. Department of Interior U.S. Fish
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Walter L. Meech
President - C&E Concrete
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Derek Heyfey
Manager, Environmental Affairs - Chevron
Mining Company
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Questa, NM 87556

Matthew Wunder
Chief, Conservation Svcs. Div. - New Mexico
Department of Game and Fish
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Santa Fe, NM 87504

Art Gebeau
President - Bluewater Valley Downstream
Alliance
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Milan, NM 87021

Andrew C. Martinez
Assistant Planner - Rio Arriba County (for RA
Co. matters only)
1122 Industrial Park Rd.
Espanola, NM 87532

EXAMPLES

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City, Sta.	P.O. Box 1126
	Silver City, New Mexico 88062

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Street or PO Box	Mr. Jason & Julie Turner
City	11588 Hwy 180 East
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To	Mr. Bill Auby, Geologist, Solids Team
Street or PO Box	Bureau of Land Management
City	P.O. Box 27115
	Santa Fe, New Mexico 87505-0115

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Attachment G

Electronic Copy of Application Materials