

GRANTS PROJECT
Physical Reclamation Costs
2004 Dollars

SUMMARY ESTIMATE
HOMESTAKE MINING COMPANY OF CALIFORNIA
GRANTS PROJECT MILLING COMPLEX
CEBOLA COUNTY NEAR MILAN, NM

CPI Calculations to convert the 2003 unit cost \$ to current year \$
Most Current CPI Value **190.7**
Jan 2003 CPI Value **181.7**
0.049532196

Item No.	Description	Unit	Quantity	Unit Cost (Current Year \$)	Total Cost (\$)
1.0	FACILITY DECOMMISSIONING Mill Decommissioning & Demolition		Complete		\$0
2.0	GROUND WATER RESTORATION				
2.1	Groundwater Restoration (Operations & Monitoring)	YR			\$0
2.2	RO Treatment Plant Operation	YR			\$0
2.3	Well Abandonment	EA			\$0
	Groundwater Restoration Subtotal				\$0
3.0	INTERIM STABILIZATION OF TAILINGS Interim Cover Maintenance				
					(Included in ongoing gw restoration operations costs)
4.0	TAILING IMPOUNDMENT AREA RESTORATION				
4.1	Large Tailings Pile Closure				
4.1.1	Settlement Monitoring				
4.1.2	Borrow Area Investigation	Acre	400	132.77	\$53,106
4.1.3	Clear & Grub Borrow Areas	Acre	240	1,259.44	\$302,265
4.1.4	Radon Barrier material: haul & placement	CY	770,000	4.41	\$3,394,187
4.1.5	Rock Cover material: haul & placement	CY	87,000	4.51	\$392,630
4.1.6	Construction QA/QC	Month	7	57,724.27	\$404,070
4.1.7	Revegetation of Borrow Areas	Acre	240	1,469.35	\$352,643
	Large Tailings Pile Closure Subtotal				\$4,898,901
4.2	Pond Closure				
4.2.1	Dewatering and/or Water Treatment (allowance)	LS	1	52,476.61	\$52,477
4.2.2	Removal of sediment - placement in EP1	CY	80,000	3.99	\$319,058
4.2.3	Removal of liners, & piping - placement in EP1	SY	86,000	0.94	\$81,234
4.2.4	Excavate underlying impacted soil	CY	37,500	3.15	\$118,072
4.2.5	Remove/regrade earthen berms	CY	122,000	1.05	\$128,043
4.2.6	Confirmation Sampling	Acre	25	839.63	\$20,991
4.2.7	Import Fill placement & grading	CY	50,000	3.04	\$152,182
4.2.8	Revegetation	Acre	25	1,469.35	\$36,734
	Pond Closure Subtotal				\$908,790
4.3	Small Tailing Pile Closure				
4.3.1	Clear & Grub Borrow Areas	Acre	105	1,259.44	\$132,241
4.3.2	Prep and grade of tailings pile surface	CY	170,000	2.05	\$347,920
4.3.3	Radon Barrier material: haul & placement	CY	340,000	4.57	\$1,552,258
4.3.4	Rock Cover material: haul & placement				
	Top of Impoundment	CY	32,000	4.62	\$147,774
	Impoundment side slopes	CY	28,000	6.56	\$183,668
4.3.5	Construction QA/QC	Month	4.5	57,724.27	\$259,759
4.3.6	Revegetation of Borrow Areas	Acre	105	1,469.35	\$154,281
	Small Tailing Pile Closure				\$2,777,902
5.0	RADIOLOGICAL SURVEY AND ENVIRONMENTAL MONITORING				
	Radon Flux Measurements on Tailing Piles (post-closure)	LS	1	40,931.76	\$40,932
6.0	DEMOLITION OF REMAINING FACILITIES				
6.1	RO Plant Demolition				
6.1.1	Demolition of plant - placement in EP1	LS	1	144,310.68	\$144,311
6.1.2	Backfill/regrade demolition area	CY	1,500	3.15	\$4,723
6.1.3	Revegetation	Acre	2.5	1,469.35	\$3,673
	RO Plant Demolition Subtotal				\$152,707

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6.2	Office/Shop Area Demolition (office-truck shop, warehouse bldg, & rel. bldg in admin compound)				
6.2.1	Demolition of buildings	LS	1	73,467.25	\$73,467
6.2.2	Demolition of Water Tanks	EA	2	15,742.98	\$31,486
6.2.3	Removal of yard gravel - placement in EP1	CY	4,000	3.67	\$14,693
6.2.4	Backfill/regrade demolition area	CY	1,500	3.15	\$4,723
6.2.5	Revegetation	Acre	5	1,469.35	\$7,347
	Office/Shop Area Demolition Subtotal				\$131,716
7.0	PROJECT MGMNT - CONSULTING/ENGINEERING SUPPORT				
7.1	Large Tailings Pile Closure				
7.1.1	Final Design & Contract Document Prep	LS	1	37,783.16	\$37,783
7.1.2	Proj Management & Construction Oversight	Month	7	39,882.22	\$279,176
7.1.3	Prepare Completion Report	LS	1	37,783.16	\$37,783
	LTP Project Management Subtotal				\$354,742
7.2	Final Closure & Demolition (RO plant, ponds, STP)				
7.2.1	Final Design & Contract Document Prep	LS	1	45,339.79	\$45,340
7.2.2	Proj Management & Construction Oversight	Month	8.5	39,882.22	\$338,999
7.2.3	Prepare Completion Report	LS	1	45,339.79	\$45,340
	STP Project Management Subtotal				\$429,678
7.3	Shop Area Demolition				
7.3.1	Final Design & Contract Document Prep	LS	1	5,037.75	\$5,038
7.3.2	Proj Management & Construction Oversight	Month	0.5	39,882.22	\$19,941
7.3.3	Prepare Completion Report	LS	1	5,037.75	\$5,038
	Shop Area Project Management Subtotal				\$30,017
TOTAL					\$9,725,385