

## COST ANALYSIS

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**COST ANALYSIS  
OPERATION SCARLIFT  
TOBY CREEK SL-I32**

The cost estimates for the work proposed in the preceeding section are based upon the use of equipment rental contracts for all earthwork necessary for the reclamation of the affected areas. This was done to avoid the rapidly increasing costs of contract reclamation which reportedly has reached \$2,000 per acre on some projects.

A. PHASE I

1. McCauley Run (Area Number 6)

<u>Item</u>	<u>Description</u>	<u>Cost</u>
1	Surface Reclamation (100 Acres) including fertilizing & seeding	\$ 70,000.00
2	15850 feet diversion ditches including necessary clearing and grubbing	\$ 34,775.00
3	Flumes (7310 feet) and drainage structures	\$ 34,840.00
4	McCauley Run stream channel liner	<u>\$ 49,000.00</u>
	Sub-total	\$ 188,615.00

2. Curry Run (Area Number 8)

1	Surface Reclamation (17 Acres) including fertilizing & seeding	\$ 10,200.00
2	Stream channel liner	<u>\$ 44,800.00</u>
	Sub-total	\$ 55,000.00
	TOTAL PHASE I	\$ 243,615.00



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**B. PHASE II - LONG RANGE CORRECTIVE MEASURES**

1. Area Number 1 (See Sheet No. 1)

<u>Item</u>	<u>Description</u>	<u>Cost</u>
1	Regrading and Drainage work - 20 acres	\$ 8,000.00
2	Construction of 3 hydraulic seals for Williams Mine.	<u>\$ 30,000.00</u>
	Sub-total	\$ 38,000.00

2. Area Number 2 (see Sheet No. 2)

1	Regrading & Drainage work - 17 acres	\$ 6,800.00
2	Construct hydraulic seal at entry to Stiles Mine ST-1	10,000.00
3	Locate and seal entries E-1, E-2, E-3, E-4, E-5, E-6, E-7, and E-8 (hydraulic seals)	<u>\$ 80,000.00</u>
	Sub-total	\$ 96,800.00

3. Area Number 3 (Sheet No. 3)

1	Regrading and Drainage work 11 acres	\$ 4,400.00
2	Construct hydraulic seal at entry E-9	\$ 10,000.00
3	Level and cover mine refuse 24 acres, 30,000 C. Y. at 0.70	\$ 21,000.00
4.	Re-channel stream thru valley	<u>\$ 10,000.00</u>
	Sub-total	\$ 45,400.00



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4. Area Number 5

<u>Item</u>	<u>Description</u>	<u>Cost</u>
1	Partial re-grading and drainage - 45 acres	\$ 18,000.00

5. Area Number 7 (Sheet No. 7)

1	Regrading & drainage - 11 acres	<u>\$ 4,400.00</u>
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TOTAL PHASE II \$ 236,600.00