

The estimated mine life can be extended further upon further delineation of the resource beyond 30m and if the remaining southern portion of the area is investigated further.

## **5. PLAN TO RAISE FINANCE**

The company plans to raise finance and capital as follows:

- a.) Equity contribution from shareholders; this will include resources such as equipment from the company's other operations which are being downsized due to shortage of raw materials
- b.) Loans from financial institutions at home and abroad

## **6. PROGRAM OF MINING OPERATIONS**

The company shall establish an open pit mine with 3.5m to 5 m benches. The mine will be developed in stages beginning with overburden removal in the first 3 to 6 months of operation. The open pit will be accessed via a ramp which will be designed to allow two 25 ton trucks to bypass each other. Ore will be transported to a primary crusher on site where rocks will be reduced in size.

During mining, rock drilling will be followed by blasting with dynamite to fragment in situ rocks. Explosives

magazines will be established on site to store explosives. It is envisaged that blasting will take place three times per week but may be reduced to once or twice depending on ore stockpile levels and market consumption. A water bowser will be used to suppress dust during mining and haulage operations.

The company will produce aggregate products for the local market and will proceed to add value through the production of building blocks, pavers and other products.

**a.) Schedule of Activities**

<b>Years</b>	<b>Activities</b>	<b>Estimated Costs (USD)</b>	<b>Planned production</b>
0-1	. Set up of camp, warehouses and mine offices . Overburden removal	250,000	Site preparations and overburden removal  Stockpiled initial production
2-3	. Ramp up production to . Plant procurement, relocation and	750,000	936 000T per annum primary raw material production

	<p>construction: crushers, conveyors, dust abatement, storage sheds, weigh bridges and workshops</p> <p>.Ramp up to full production . Environmental Protection Fund First Audit Report</p>		
4-5	<p>More Value addition: Block making, pavers, introduction of other aggregate products Establishment of Sales Office in Solwezi</p>	250,000	1.872 MT per annum primary raw material production
6-25	<p>Steady state production</p>	250,000	

**b.) Mine Equipment**

<b>No.</b>	<b>Description</b>	<b>Model</b>	<b>No. of Units</b>
<b>A. Mineral Processing/Material Handling</b>			
1	Hopper	12M3	1
2	Vibrating Grizzly Feeder	ZSW-490X11011	1
3	Jaw crusher	PE-750X1060	1
4	Impact crusher	PF-1315V	1
5	Impact crusher	PF-1010V	1
6	Vibrating screen	2YK-2160	1
7	Vibrating screen	2YK-1854	1
8	Conveyor belt	B-1000X30M	1
9	Conveyor belt	B-1000X30M	1
10	Conveyor belt	B-1000X27M	1
11	Conveyor belt	B-1000X10M	1
12	Conveyor belt	B-650X10M	1
13	Conveyor belt	B-650X17M	1
14	Conveyor belt	B-800X20M	1
15	Conveyor belt	B-650X20M	1
16	Conveyor belt	B-500X20M	1
17	Conveyor belt	B-500x15M	1