

Estimated Life of Operation

The life of the operation described in this Amendment is estimated at 20 years plus an additional time period to complete reclamation. Based on the anticipated start date, the termination date would be January 1, 2040.

Total Anticipated Production

The total anticipated production of aggregate and limestone is estimated at 65-million tons.

3.3 Operational Characteristics

This Amendment updates the existing reclamation plan to include existing disturbed lands identified for reclamation in this Amendment, and lands scheduled for disturbance as part of the future mining and overburden storage activities at the Quarry. The primary feature of the Amendment, as follows below, is the backfilling of the existing primary extraction area (North Quarry) with overburden generated from the scheduled extraction area (South Quarry).

The RPA Area contains the following main components: the North Quarry, South Quarry, Central Materials Storage Area (CMSA), East Materials Storage Area (EMSA), West Materials Storage Area (WMSA), Office/Crusher Area, Surge Pile, Rock Plant, Topsoil Storage Area and Buffer Zones. The North Quarry, WMSA, EMSA, Office/Crusher Area, Surge Pile and Rock Plant are existing operational areas. The South Quarry, CMSA and Topsoil Storage Area will be developed and reclaimed under this Amendment (Figure 3.3-1). These components are summarized by acreage in the following table and described in more detail below.

Table 2. Quarry Components

Component	Acreage
North Quarry	274
South Quarry	207
Central Materials Storage Area	52
East Materials Storage Area	63
West Materials Storage Area	117
Office and Crusher Area	39
Surge Pile	9
Rock Plant	16
Topsoil Storage Area	11
Buffer Zones	317
Total RPA Area	1,105

North Quarry: The North Quarry, located north of Permanente Creek, is where mineral extraction currently takes place. The North Quarry will encompass approximately 274 acres at buildout. The North Quarry currently features elevations ranging from approximately 750 feet msl to 1,750 feet msl. Existing slope angles in the North Quarry are 1.0H:1.0V overall. Under this Amendment, mineral extraction