

Mountain Ash Limited Partnership Summit Pit

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Stripping and Grading Plan

Mountain Ash Limited Partnership Rocky View County, Alberta SLR Project No: 212.06650.00006

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for

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1.0 INTRODUCTION

Mountain Ash Limited Partnership (Mountain Ash) is planning to develop the Summit Pit (the Project) along Highway 567 within NW and SW 31-026-03 W5M, northeast of the Town of Cochrane, in Rocky View County (RVC), Alberta (Figure 1). The Project will encompass approximately 208 acres (84 ha) excluding existing road rights-of-way. Mountain Ash is applying for Phase 1 of a six-phase mining plan. This land is currently owned by 1410266 Alberta Ltd. (a general partner of Mountain Ash). Summit Pit received land use and a master site development plan (MSDP) approval on March 2, 2021 (Land Use Bylaw C-8051-2020).

2.0 STRIPPING AND GRADING ACTIVITIES

The portion of the pit to be used shall be cleared and grubbed, and the area from which materials are to be taken shall be stripped of topsoil and overburden as provided in Section 3 and outlined in the soil conservation and reclamation plan. Stripping at the site shall consist of the removal, after clearing and grubbing, of the surface material and overburden which is unsuitable for the kind of material to be borrowed or produced for use. Materials from stripping, to be used later as provided on the site reclamation plan, shall be deposited within the pit at such a location as not to interfere with future development within the site.

Before placing aggregates upon the stockpile site, the site shall be cleared of vegetation, trees, stumps, brush, rocks, or other debris and the ground leveled to a smooth, firm, uniform surface. The debris resulting from clearing and preparing the site shall be disposed of according to the vegetation and soil management plan and outlined in Bylaw C-8051-2020.

All Stripping and grading activities will follow Bylaw C-8051-2020 as issued and commitments made under the visual screening plan, erosion and sedimentation control plan and the Soils Conservation plan.

3.0 QUANTITIES

Phase	Surface Area	Topsoil	Subsoil	Overburden	Total	Average Overburden Thickness
1	128,424 m²	32,106 m³	25,685 m³	326,834 m ³	384,625 m³	2.54 m
2	151,720 m²	37,930 m ³	30,344 m³	503,946 m ³	572,220 m³	3.32 m
3	151,989 m²	37,997 m³	30,398 m³	747,349 m³	815,744 m³	4.92 m
4	116,171 m²	29,043 m³	23,234 m³	396,560 m ³	448,837 m³	3.41 m
5	158,236 m²	39,559 m³	31,647 m³	419,431 m ³	490,637 m³	2.65 m
6	83,430 m²	20,857 m³	16,686 m³	333,964 m³	371,507 m³	4.00 m
Total	789,970 m²	197,492 m³	157,994 m³	2,728,085 m³	3,083,571 m³	3.45 m

 Table 1
 Quantities of Non-Mineral Materials to be Stripped

Phase	Surface Area	Topsoil	Subsoil	Overburden & Rejects (@15% Gravel)	Total
1	128,424 m²	32,106 m³	25,685 m³	556,573 m³	614,364 m³
2	151,720 m²	37,930 m³	30,344 m³	749,523 m³	817,797 m³
3	151,989 m²	37,997 m³	30,398 m³	1,093,980 m³	1,162,375 m³
4	116,171 m²	29,043 m³	23,234 m³	675,215 m³	727,492 m³
5	158,236 m²	39,559 m³	31,647 m³	770,145 m³	841,351 m³
6	83,430 m²	20,857 m³	16,686 m³	408,136 m³	445,679 m ³
Total	789,970 m²	197,492 m³	157,994 m³	4,253,571 m³	4,609,058 m³

 Table 2
 Quantities of Materials used to Reclaim Site Post Mining

4.0 STATEMENT OF LIMITATIONS

This report has been prepared and the work referred to in this report has been undertaken by SLR for Mountain Ash Limited Partnership., hereafter referred to as the "Client". The report has been prepared in accordance with the Scope of Work and agreement between SLR and the Client. It is intended for the sole and exclusive use of the Client. Other than by the Client and as set out herein, copying or distribution of this report or use of or reliance on the information contained herein, in whole or in part, is not permitted without the express written permission of SLR.

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