

Appendix 3.3 - Details of Tier 1 Dust Sources including Coordinates and Dimensions

No.	Type (2=Line, 3=Area)	Source ID	Emission Rate*1000 (g/m ² /s or g/m/s)	X1	Y1	X2 / X -width	Y2 / Y -width	Height (m)	Width / Angle	Description
1	3	A1	0.000000000	835212.7	810891.1	25.4	19.8	0.0	0.0	Heavy construction
2	3	A2	0.000000000	835206.2	810865.1	38.3	32.9	0.0	0.0	Heavy construction
3	3	A3	0.000000000	835246.6	810879.4	79.4	42.9	0.0	0.0	Heavy construction
4	3	A4	0.000000000	835310.6	810756.9	85.7	23.4	0.0	0.0	Heavy construction
5	3	A5	0.000000000	835309.5	810720.9	88.1	49.0	0.0	0.0	Heavy construction
6	3	A6	0.000000000	835309.5	810678.4	88.1	36.5	0.0	0.0	Heavy construction
7	3	A7	0.000000000	835291.1	810640.9	37.2	39.2	0.0	0.0	Heavy construction
8	3	A8	0.000000000	835325.6	810649.0	31.9	22.2	0.0	0.0	Heavy construction
9	3	A9	0.000000000	835380.0	810739.6	52.9	57.9	0.0	0.0	Heavy construction
10	3	A10	0.000000000	835439.1	810752.3	65.3	32.3	0.0	0.0	Heavy construction
11	3	A11	0.000000000	835504.0	810826.9	28.8	24.8	0.0	0.0	Heavy construction
12	3	A12	0.000000000	835509.8	810853.7	40.2	29.1	0.0	0.0	Heavy construction
13	3	A13	0.000000000	835518.6	810892.8	58.1	49.7	0.0	0.0	Heavy construction
14	3	A14	0.000000000	835463.3	810952.1	33.5	66.8	0.0	0.0	Heavy construction
15	3	A15	0.000000000	835418.8	810955.9	55.8	74.3	0.0	0.0	Heavy construction
16	3	A16	0.000000000	835374.5	810946.5	33.1	55.5	0.0	0.0	Heavy construction
17	3	A17	0.000000000	835333.3	810932.9	28.3	49.3	0.0	0.0	Heavy construction
18	3	A18	0.000000000	835288.5	810924.9	40.4	12.3	0.0	0.0	Heavy construction
19	3	A19	0.000000000	835378.7	810843.6	221.7	151.3	0.0	0.0	Heavy construction
20	2	L1	0.000000000	835294.5	810817.6	835290.7	810760.4	0.5	10.0	Haul Road
21	2	L2	0.000000000	835290.7	810760.4	835271.2	810725.6	0.5	10.0	Haul Road
22	2	L3	0.000000000	835271.2	810725.6	835272.8	810700.6	0.5	10.0	Haul Road
23	2	L4	0.000000000	835272.8	810700.6	835285.8	810678.3	0.5	10.0	Haul Road
24	2	L5	0.000000000	835285.8	810678.3	835341.8	810692.9	0.5	10.0	Haul Road
25	2	L6	0.000000000	835341.8	810692.9	835350.4	810734.7	0.5	10.0	Haul Road
26	2	L7	0.000000000	835350.4	810734.7	835363.6	810763.4	0.5	10.0	Haul Road
27	2	L8	0.000000000	835363.6	810763.4	835381.8	810785.8	0.5	10.0	Haul Road
		L9	(not used)							
28	2	L10	0.000000000	835186.2	810846.2	835307.9	810814.3	0.5	10.0	Haul Road
29	2	L11	0.000000000	835307.9	810814.3	835327.5	810812.5	0.5	10.0	Haul Road
30	2	L12	0.000000000	835327.5	810812.5	835346.4	810828.3	0.5	10.0	Haul Road
31	2	L13	0.000000000	835346.4	810828.3	835343.0	810847.4	0.5	10.0	Haul Road
32	2	L14	0.000000000	835343.0	810847.4	835329.0	810853.0	0.5	10.0	Haul Road
33	2	L15	0.000000000	835277.5	810844.2	835329.0	810853.0	0.5	10.0	Haul Road
34	2	L16	0.000000000	835186.2	810846.2	835277.5	810844.2	0.5	10.0	Haul Road
35	2	L17	0.000000000	835344.0	810841.5	835358.9	810841.0	0.5	10.0	Haul Road
36	2	L18	0.000000000	835358.9	810841.0	835365.2	810834.5	0.5	10.0	Haul Road
37	2	L19	0.000000000	835365.2	810834.5	835366.4	810830.1	0.5	10.0	Haul Road
38	2	L20	0.000000000	835366.4	810830.1	835378.1	810814.4	0.5	10.0	Haul Road
39	2	L21	0.000000000	835378.1	810814.4	835382.9	810785.8	0.5	10.0	Haul Road
40	2	L22	0.000000000	835382.9	810785.8	835399.1	810782.3	0.5	10.0	Haul Road
41	2	L23	0.000000000	835399.1	810782.3	835430.9	810784.9	0.5	10.0	Haul Road
42	2	L24	0.000000000	835430.9	810784.9	835451.4	810793.8	0.5	10.0	Haul Road
43	2	L25	0.000000000	835451.4	810793.8	835473.0	810811.1	0.5	10.0	Haul Road
44	2	L26	0.000000000	835473.0	810811.1	835497.2	810834.9	0.5	10.0	Haul Road
45	2	L27	0.000000000	835294.5	810817.6	835290.7	810760.4	0.5	10.0	Haul Road
46	2	L28	0.000000000	835290.7	810760.4	835271.2	810725.6	0.5	10.0	Haul Road
47	2	L29	0.000000000	835271.2	810725.6	835272.8	810700.6	0.5	10.0	Haul Road
48	2	L30	0.000000000	835272.8	810700.6	835285.8	810678.3	0.5	10.0	Haul Road
49	2	L31	0.000000000	835285.8	810678.3	835341.8	810692.9	0.5	10.0	Haul Road
50	2	L32	0.000000000	835341.8	810692.9	835350.4	810734.7	0.5	10.0	Haul Road
51	2	L33	0.000000000	835350.4	810734.7	835363.6	810763.4	0.5	10.0	Haul Road
52	2	L34	0.000000000	835363.6	810763.4	835381.8	810785.8	0.5	10.0	Haul Road
		L35	(not used)							
53	2	L36	0.000000000	835186.2	810846.2	835307.9	810814.3	0.5	10.0	Haul Road
54	2	L37	0.000000000	835307.9	810814.3	835327.5	810812.5	0.5	10.0	Haul Road
55	2	L38	0.000000000	835327.5	810812.5	835346.4	810828.3	0.5	10.0	Haul Road
56	2	L39	0.000000000	835346.4	810828.3	835343.0	810847.4	0.5	10.0	Haul Road
57	2	L40	0.000000000	835343.0	810847.4	835329.0	810853.0	0.5	10.0	Haul Road
58	2	L41	0.000000000	835277.5	810844.2	835329.0	810853.0	0.5	10.0	Haul Road
59	2	L42	0.000000000	835186.2	810846.2	835277.5	810844.2	0.5	10.0	Haul Road
60	2	L43	0.000000000	835344.0	810841.5	835358.9	810841.0	0.5	10.0	Haul Road
61	2	L44	0.000000000	835358.9	810841.0	835365.2	810834.5	0.5	10.0	Haul Road
62	2	L45	0.000000000	835365.2	810834.5	835366.4	810830.1	0.5	10.0	Haul Road
63	2	L46	0.000000000	835366.4	810830.1	835378.1	810814.4	0.5	10.0	Haul Road

Appendix 3.3 - Details of Tier 1 Dust Sources including Coordinates and Dimensions

No.	Type (2=Line, 3=Area)	Source ID	Emission Rate*1000 (g/m ² /s or g/m/s)	X1	Y1	X2 / X -width	Y2 / Y -width	Height (m)	Width / Angle	Description
64	2	L47	0.000000000	835378.1	810814.4	835382.9	810785.8	0.5	10.0	Haul Road
65	2	L48	0.000000000	835382.9	810785.8	835399.1	810782.3	0.5	10.0	Haul Road
66	2	L49	0.000000000	835399.1	810782.3	835430.9	810784.9	0.5	10.0	Haul Road
67	2	L50	0.000000000	835430.9	810784.9	835451.4	810793.8	0.5	10.0	Haul Road
68	2	L51	0.000000000	835451.4	810793.8	835473.0	810811.1	0.5	10.0	Haul Road
69	2	L52	0.000000000	835473.0	810811.1	835497.2	810834.9	0.5	10.0	Haul Road
70	3	S1	0.000000000	835310.5	810743.9	21.0	20.5	0.0	90.0	Stockpile