

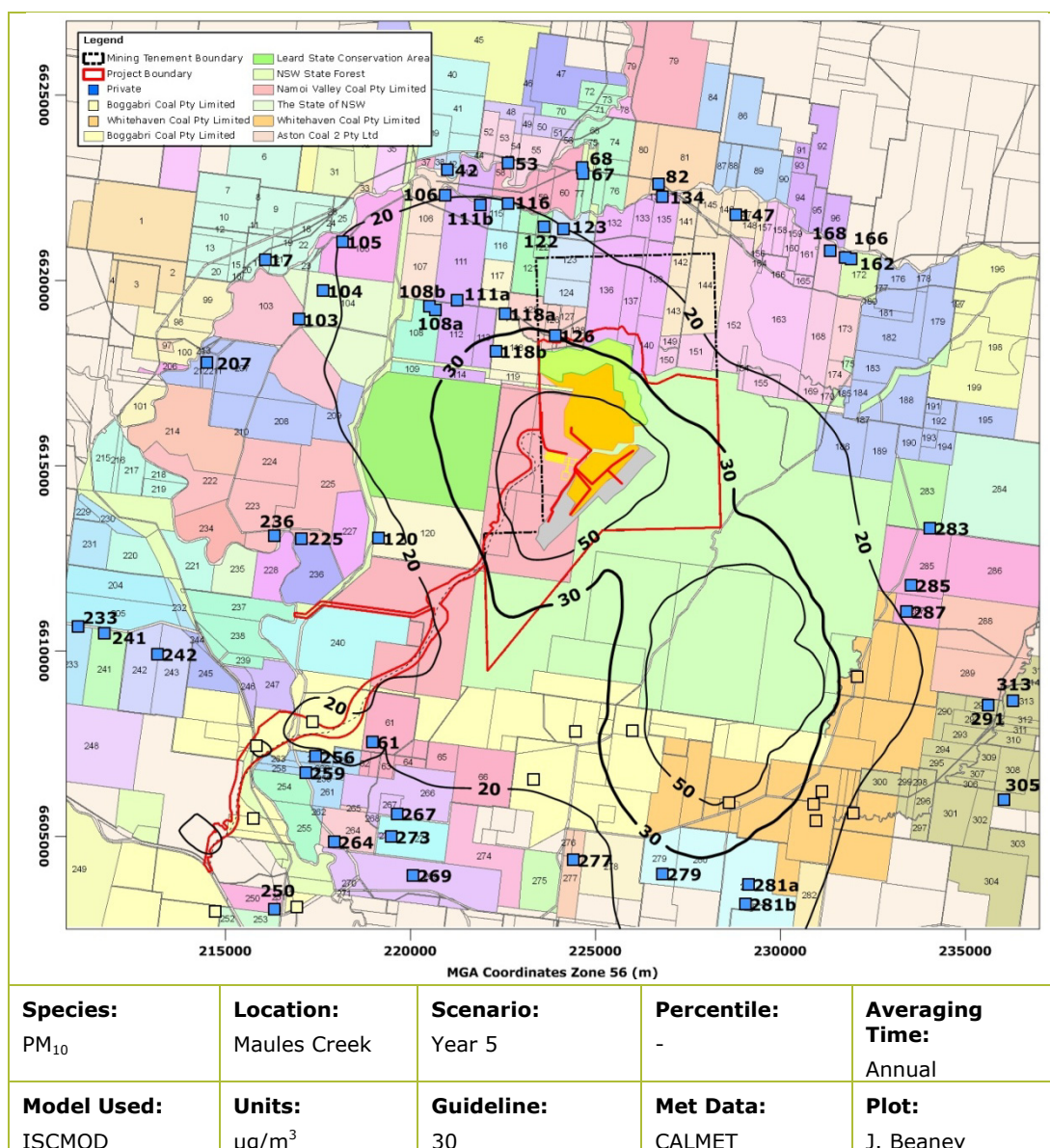


Figure 8.9: Model predictions for annual average PM₁₀ concentrations: Year 5 – Cumulative

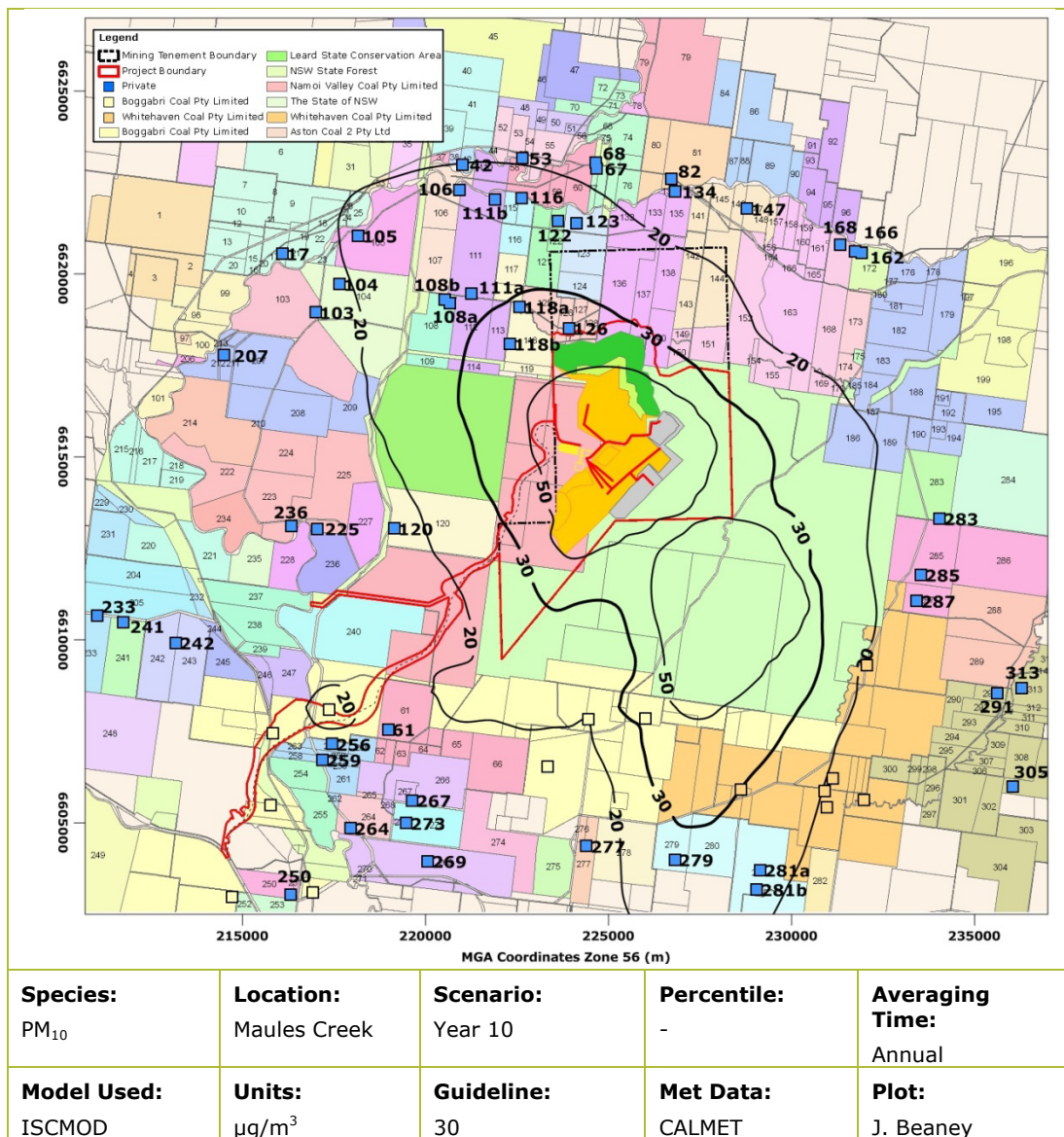


Figure 8.10: Model predictions for annual average PM₁₀ concentrations: Year 10 - Cumulative

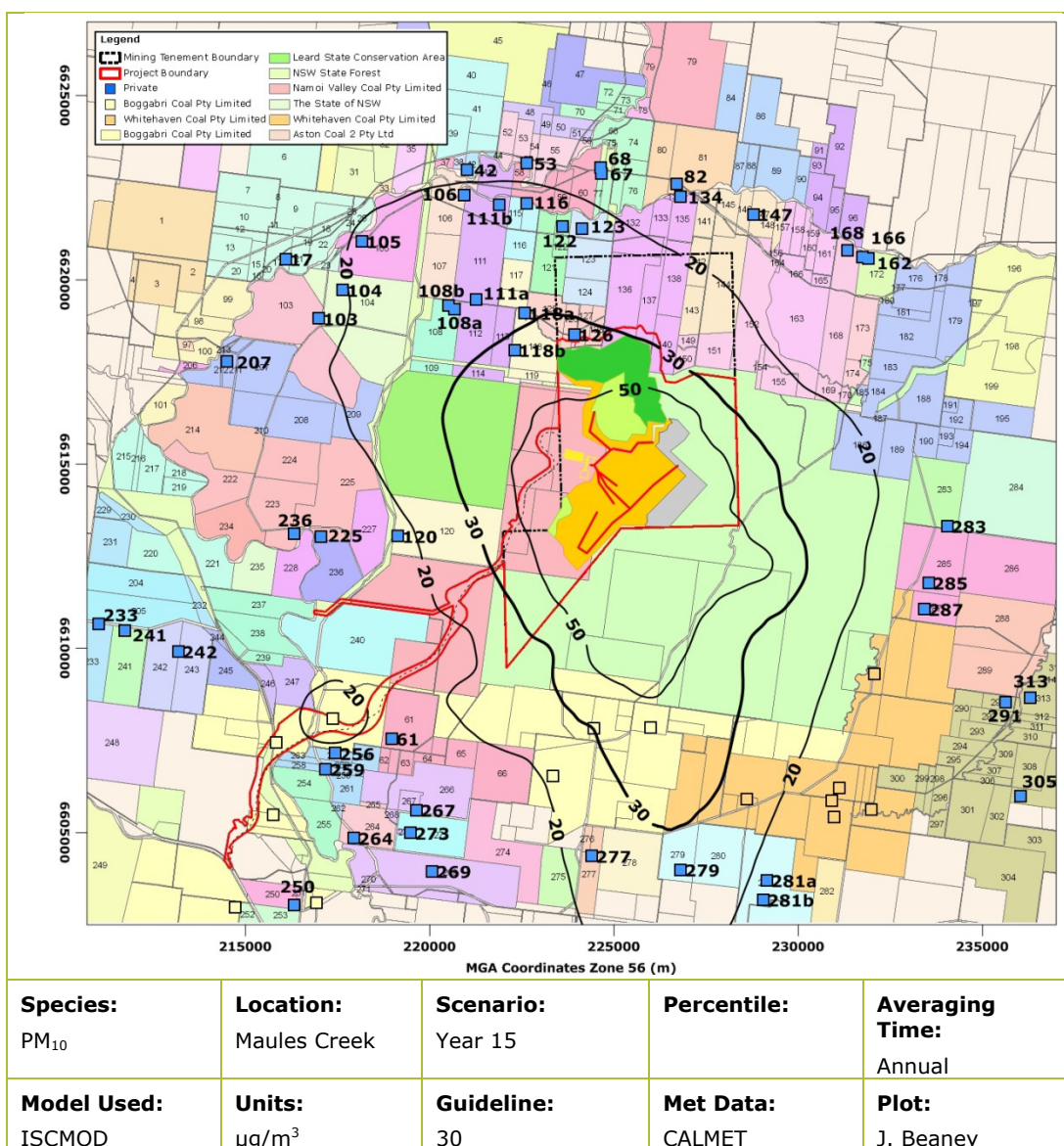


Figure 8.11: Model predictions for annual average PM₁₀ concentrations: Year 15 – Cumulative

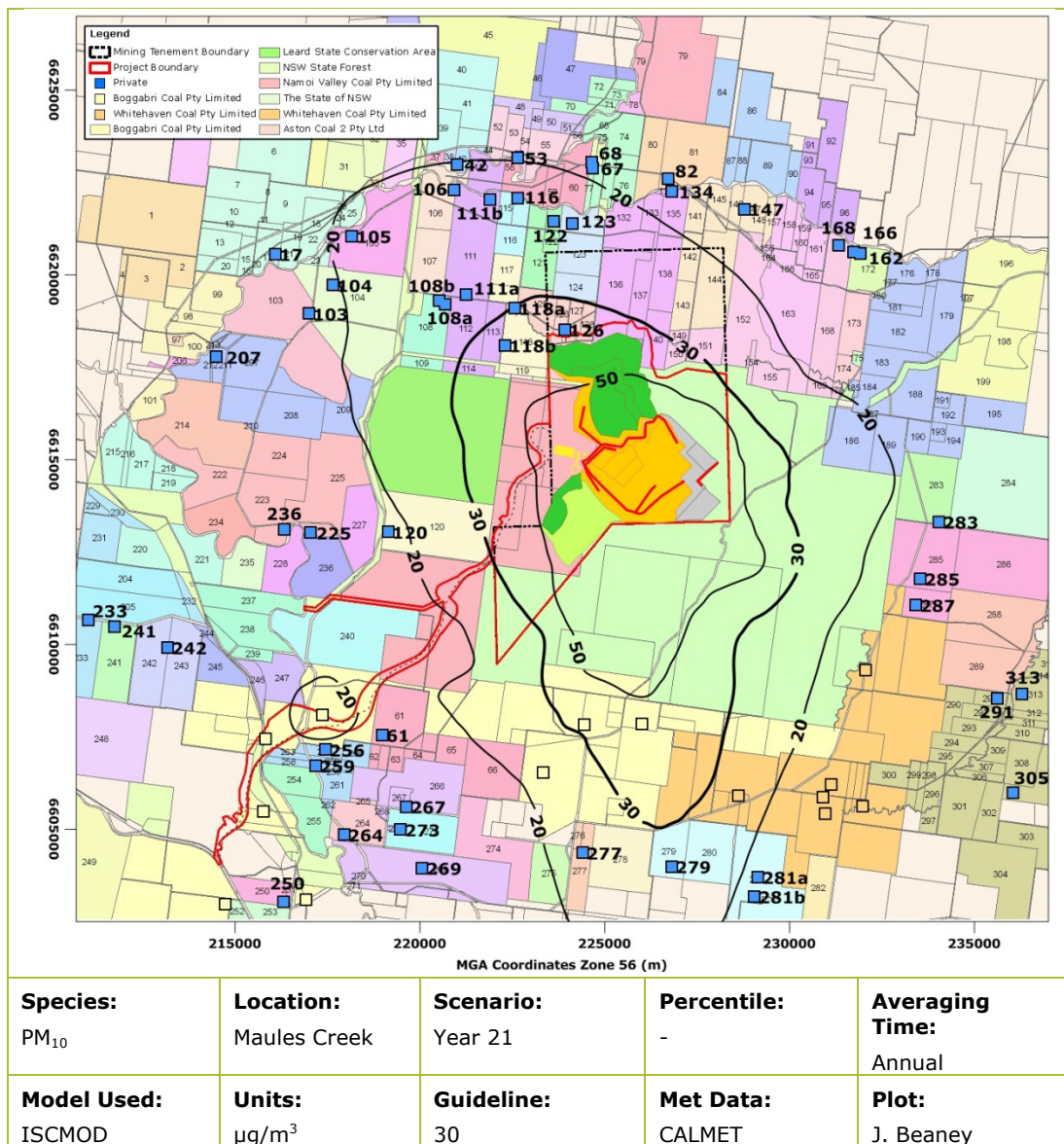


Figure 8.12: Model predictions for annual average PM₁₀ concentrations: Year 21 – Cumulative

Table 8.4: Project alone and cumulative model predictions for annual average PM₁₀ concentration - µg/m³

Residence ID	Project alone				Cumulative			
	Year 5	Year 10	Year 15	Year 21	Year 5	Year 10	Year 15	Year 21
Criterion	-				Assessment criteria – 30 µg/m ³			
17	4	4	5	4	18	18	18	18
42	6	7	6	7	19	20	20	20
53	5	6	6	6	19	20	19	20
61	2	2	2	2	20	17	17	17
67	4	6	5	6	18	19	19	19
82	3	4	4	5	17	18	18	18
103	4	5	5	4	18	18	18	18
104	6	6	6	6	19	19	20	20
105	7	8	7	7	20	21	20	21
106	6	8	7	7	20	21	21	21
108a	11	13	11	12	25	27	25	26
108b	10	12	10	3	25	26	25	26
111a	11	14	11	12	25	27	26	27
111b	7	8	7	8	20	22	21	22
116	6	8	7	8	20	22	21	22
118a	13	17	14	15	27	31	29	30
118b	17	21	16	18	32	35	32	33
120	4	5	5	4	19	18	19	19
122	7	9	8	9	20	22	22	23
123	6	9	7	8	20	22	21	23
126	15	21	17	19	30	36	32	35
134	3	4	4	5	17	18	18	19
147	3	4	3	4	16	17	17	18
162	2	2	2	2	15	15	15	16
166	2	2	2	2	15	15	15	16
168	2	2	2	3	15	16	16	16
207	2	3	3	3	16	16	16	16
225	2	3	3	11	16	16	16	16
233	1	1	1	1	14	14	14	14
236	3	3	3	3	16	16	16	16
241	1	1	1	1	14	14	14	14
242	1	2	2	2	15	14	15	15
250	2	2	2	2	16	15	15	15
256	2	2	2	2	19	17	17	17
259	2	2	2	2	18	16	16	16
264	2	2	2	2	17	16	16	16
267	3	3	3	3	19	17	17	17
269	2	3	2	3	16	16	16	16
273	2	3	3	3	18	17	17	16
277	1	1	1	1	16	17	22	23
279	0	0	0	1	27	27	26	26
281a	0	0	0	0	25	22	19	19
281b	0	0	0	0	26	22	19	19
283	2	3	3	3	17	17	17	17
285	2	2	2	3	19	17	17	17
287	2	2	2	2	20	18	17	17
291	1	1	1	1	17	15	15	15
305	0	0	1	0	15	14	14	14
313	1	1	1	1	16	15	15	15

8.2 TSP

The predicted impacts for the contribution of the Project alone for annual average TSP concentrations are presented in **Figure 8.13** through **Figure 8.16** for each modelled year. The cumulative results are presented in **Figure 8.17** through **Figure 8.20**. The cumulative assessment DECCW criterion for annual average TSP concentration is 90 $\mu\text{g}/\text{m}^3$.

The model predictions for annual average TSP concentrations have also been presented in **Table 8.5**.

No privately owned or mine-owned residences are predicted to exceed the DECCW assessment criterion for the project alone or cumulatively.

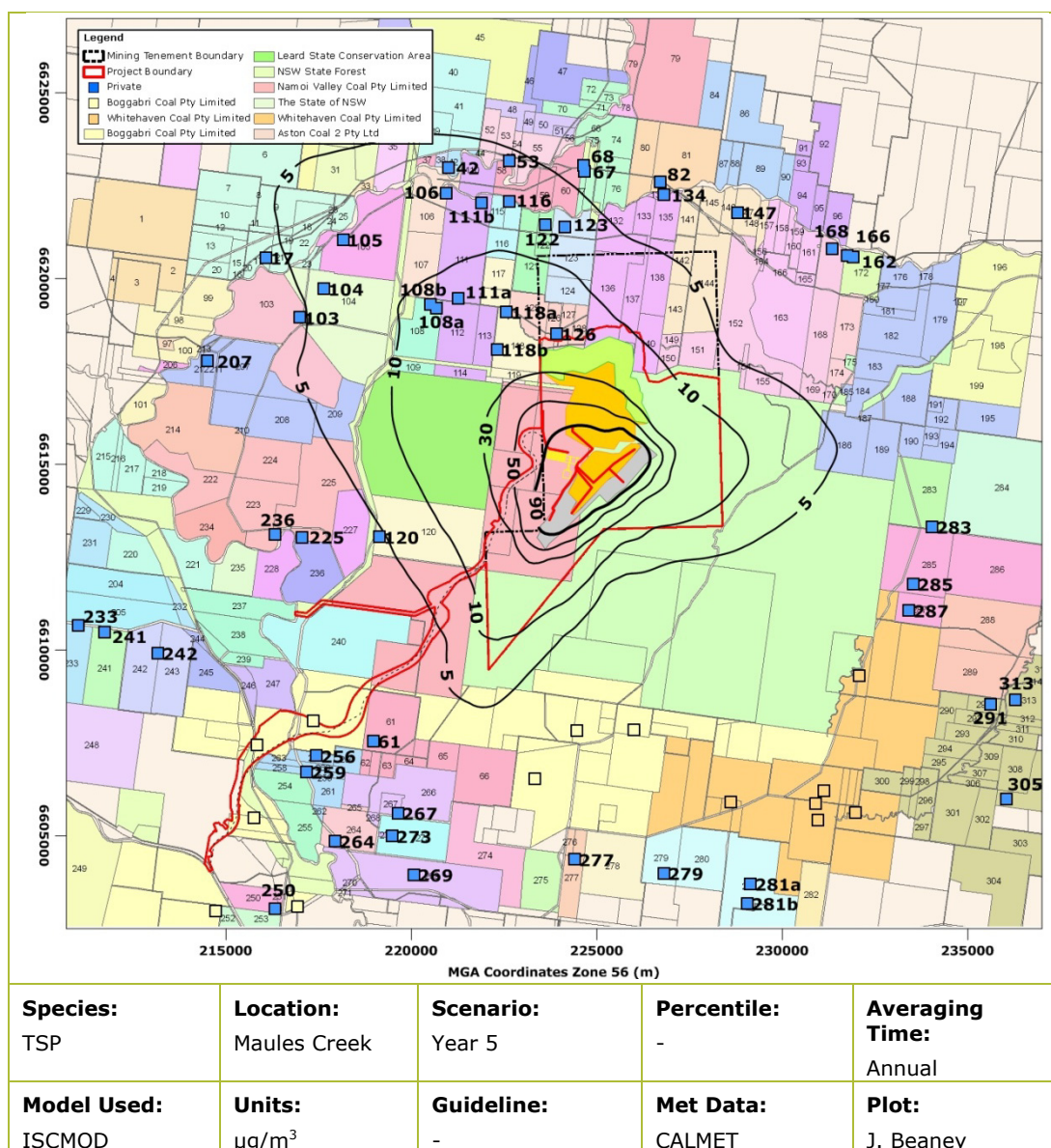


Figure 8.13: Model predictions for annual average TSP concentrations: Year 5 - Project in isolation

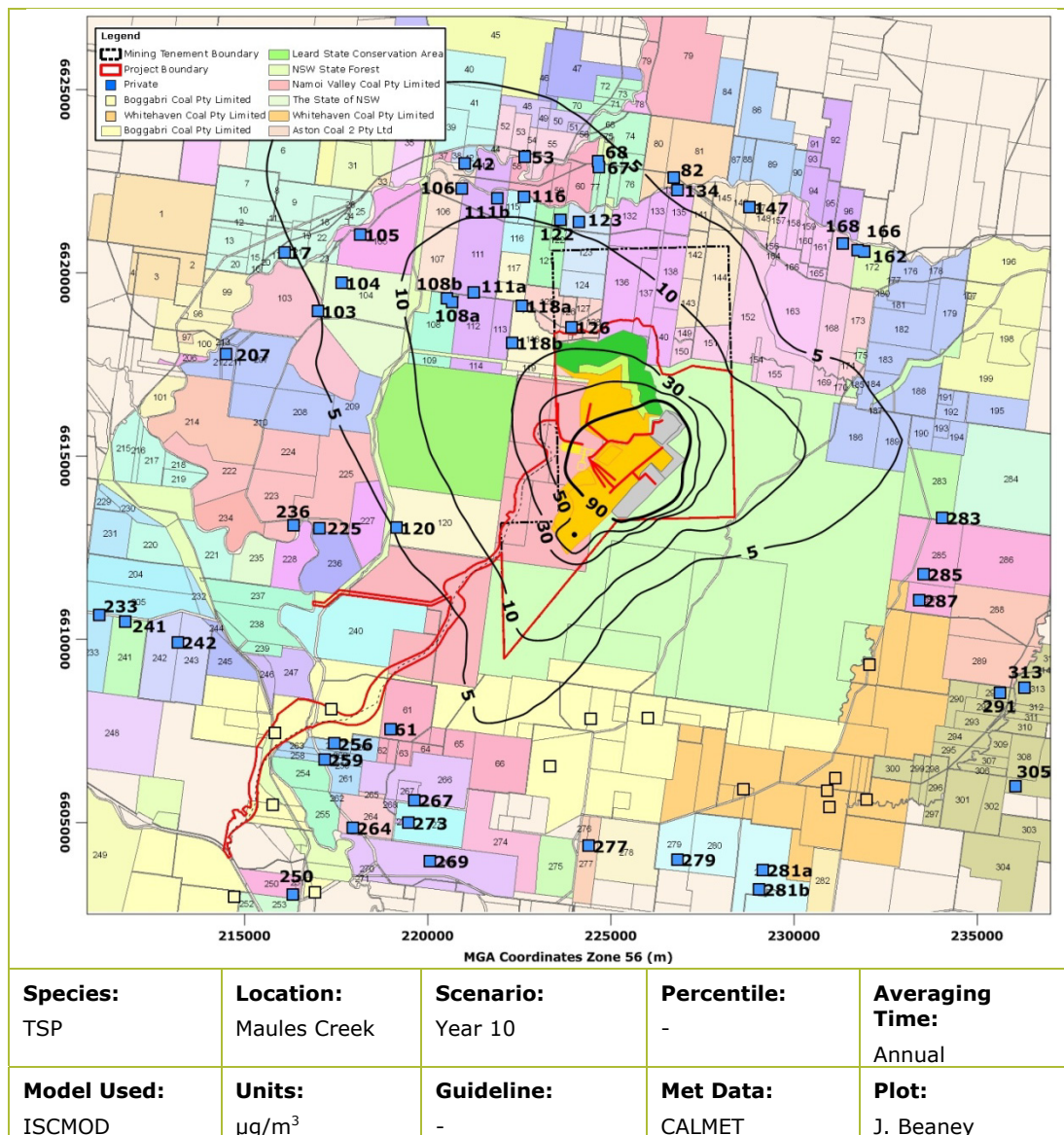


Figure 8.14: Model predictions for annual average TSP concentrations: Year 10 - Project in isolation

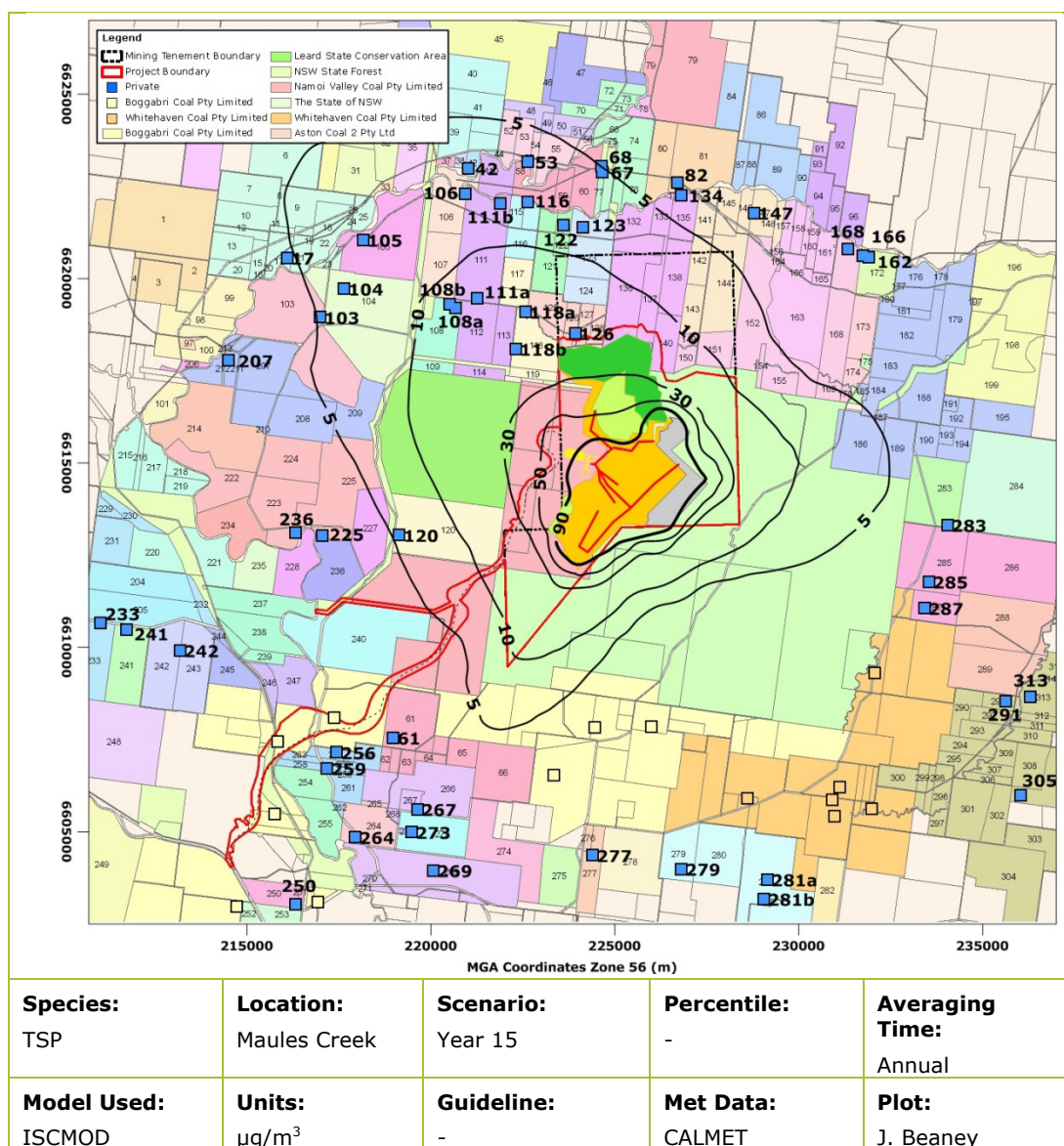


Figure 8.15: Model predictions for annual average TSP concentrations: Year 15 - Project in isolation

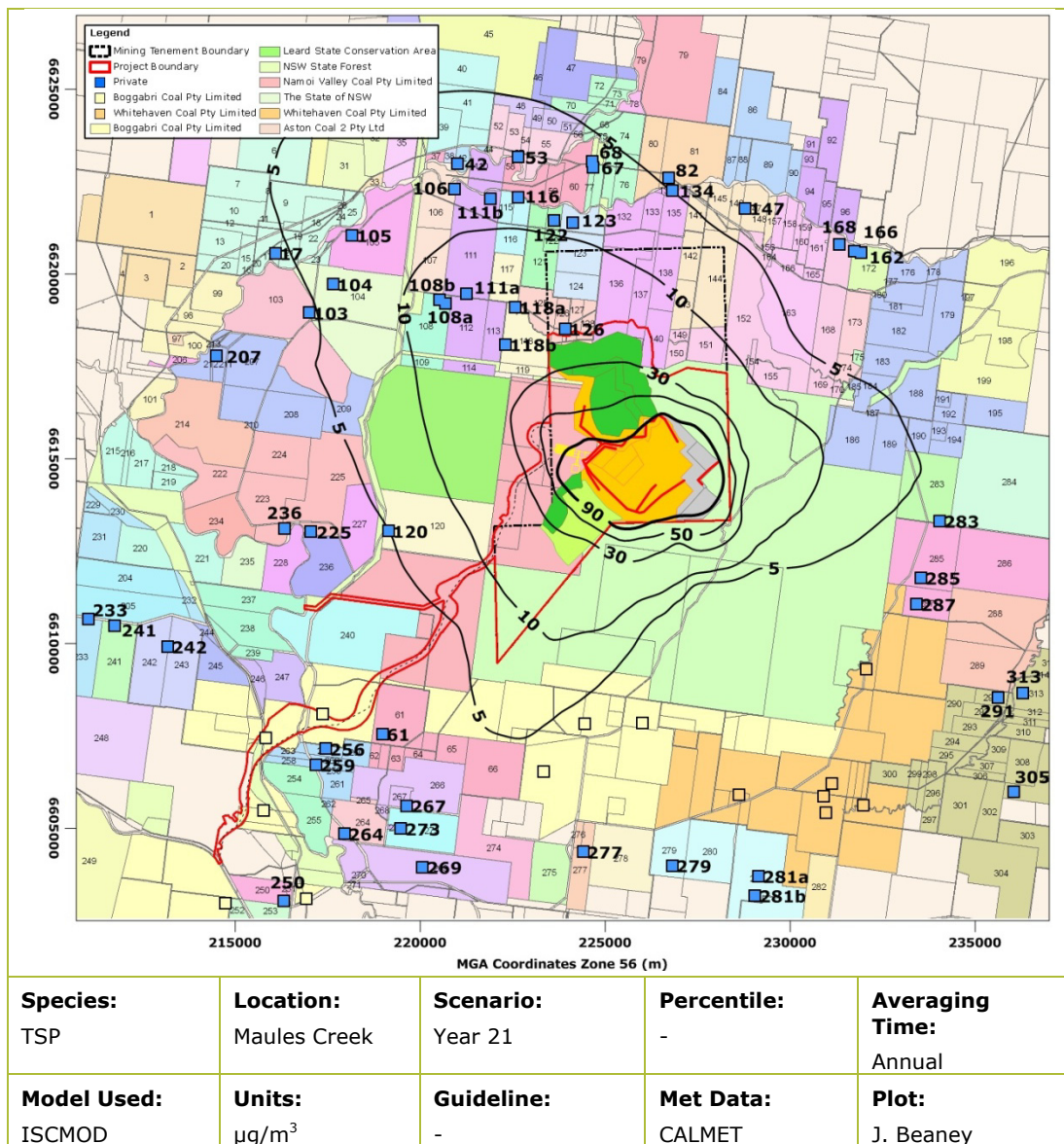


Figure 8.16: Model predictions for annual average TSP concentrations: Year 21 – Project in isolation

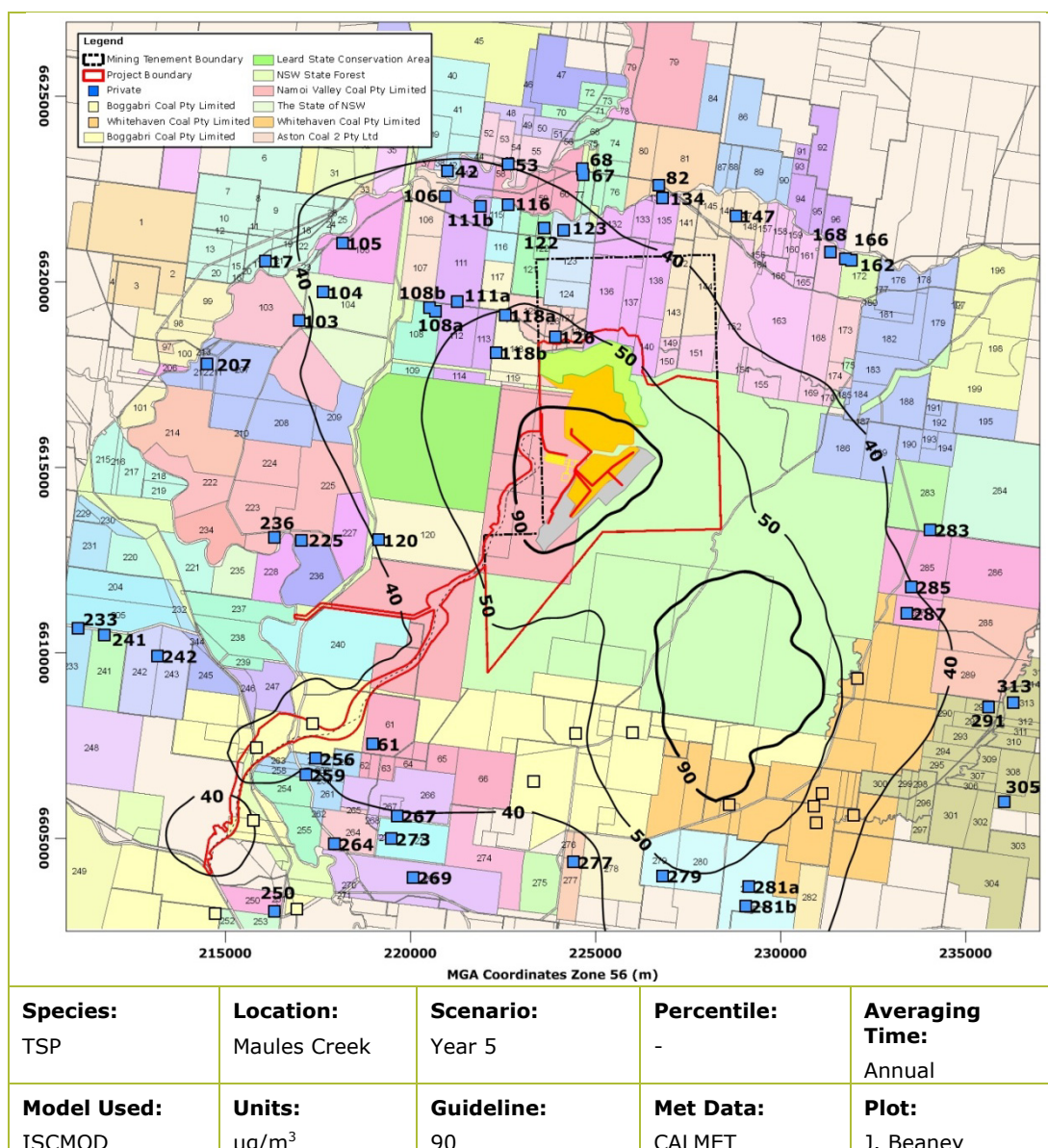


Figure 8.17: Model predictions for annual average TSP concentrations: Year 5 – Cumulative

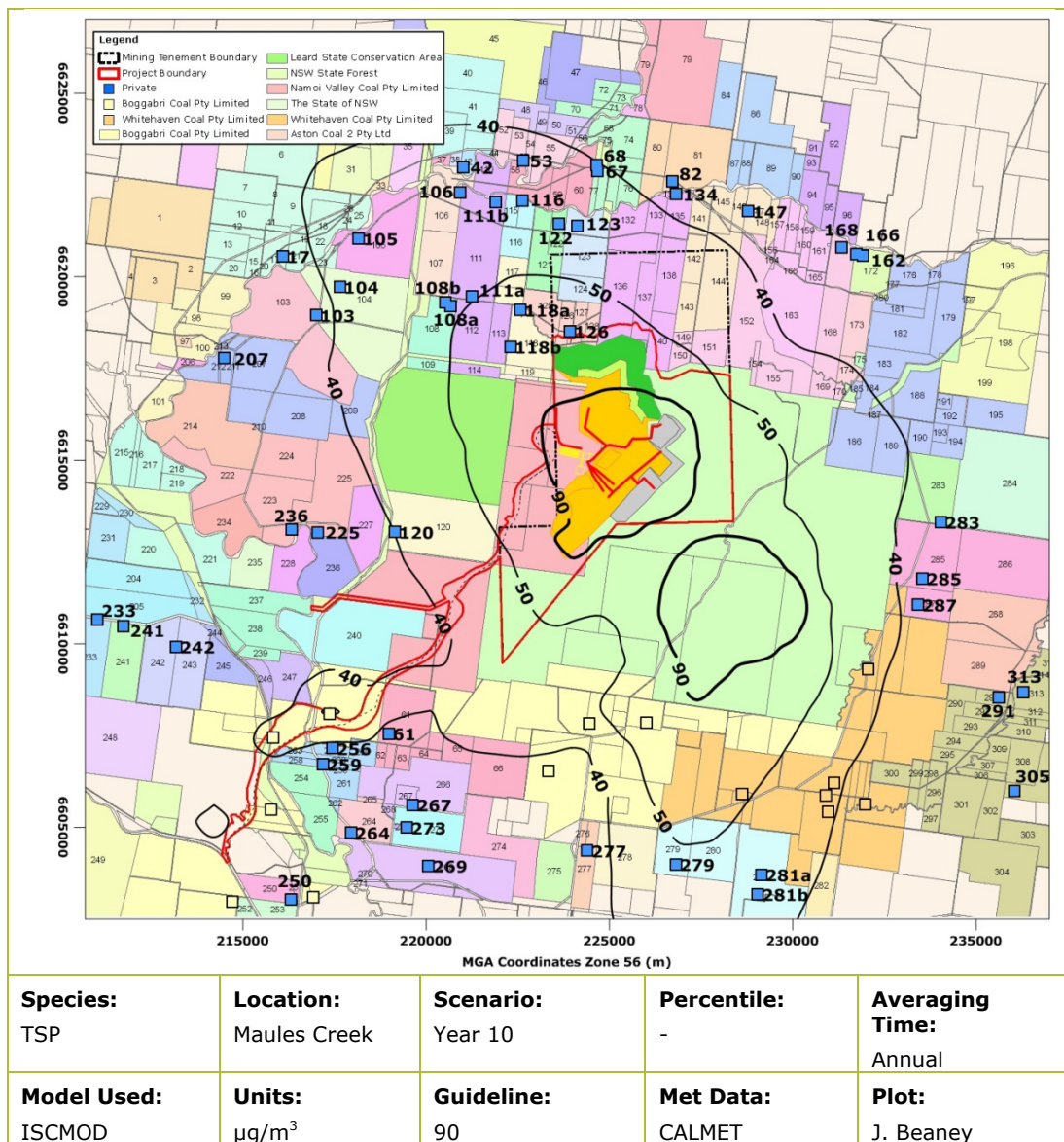


Figure 8.18: Model predictions for annual average TSP concentrations: Year 10 - Cumulative

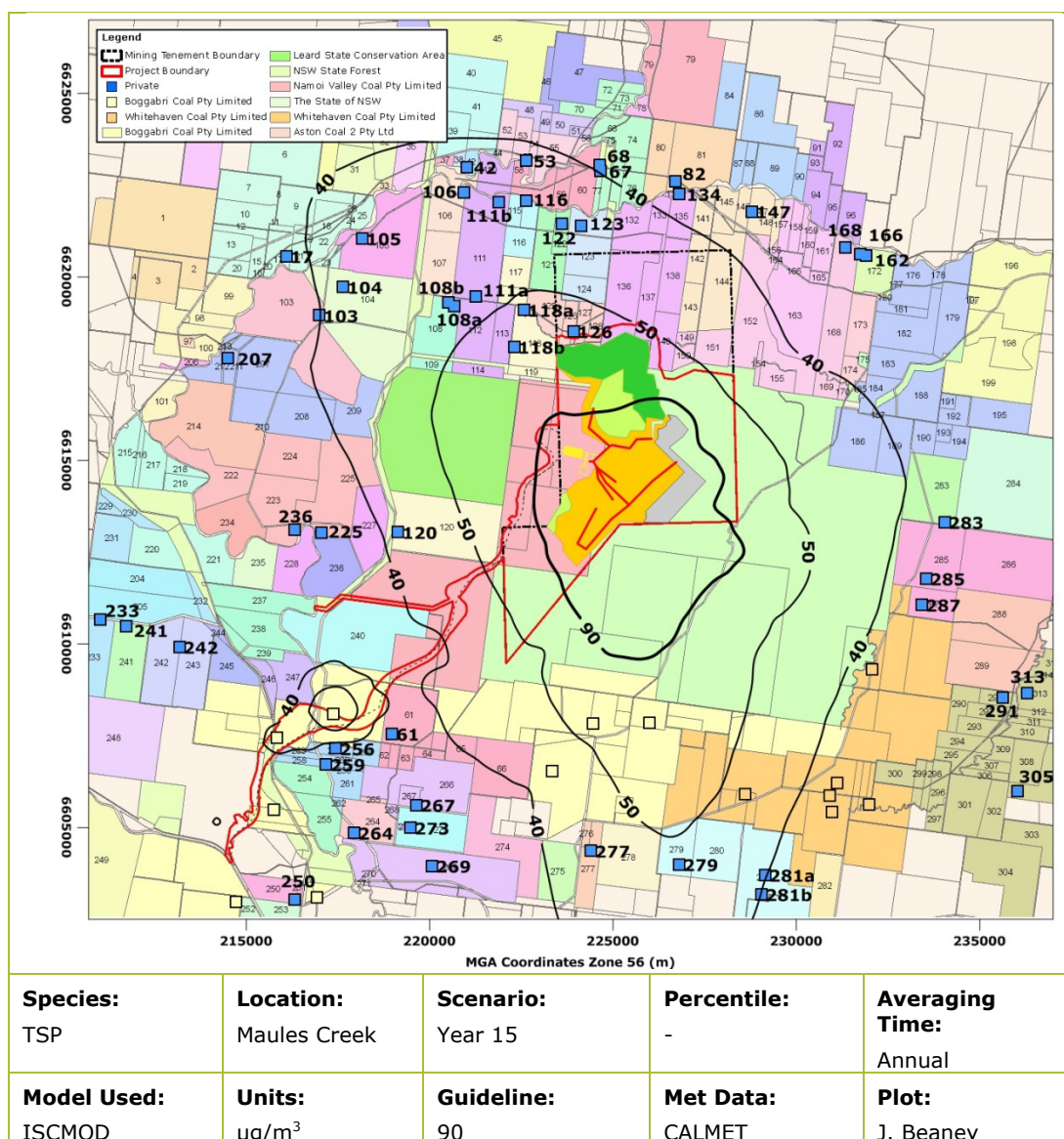


Figure 8.19: Model predictions for annual average TSP concentrations: Year 15 – Cumulative

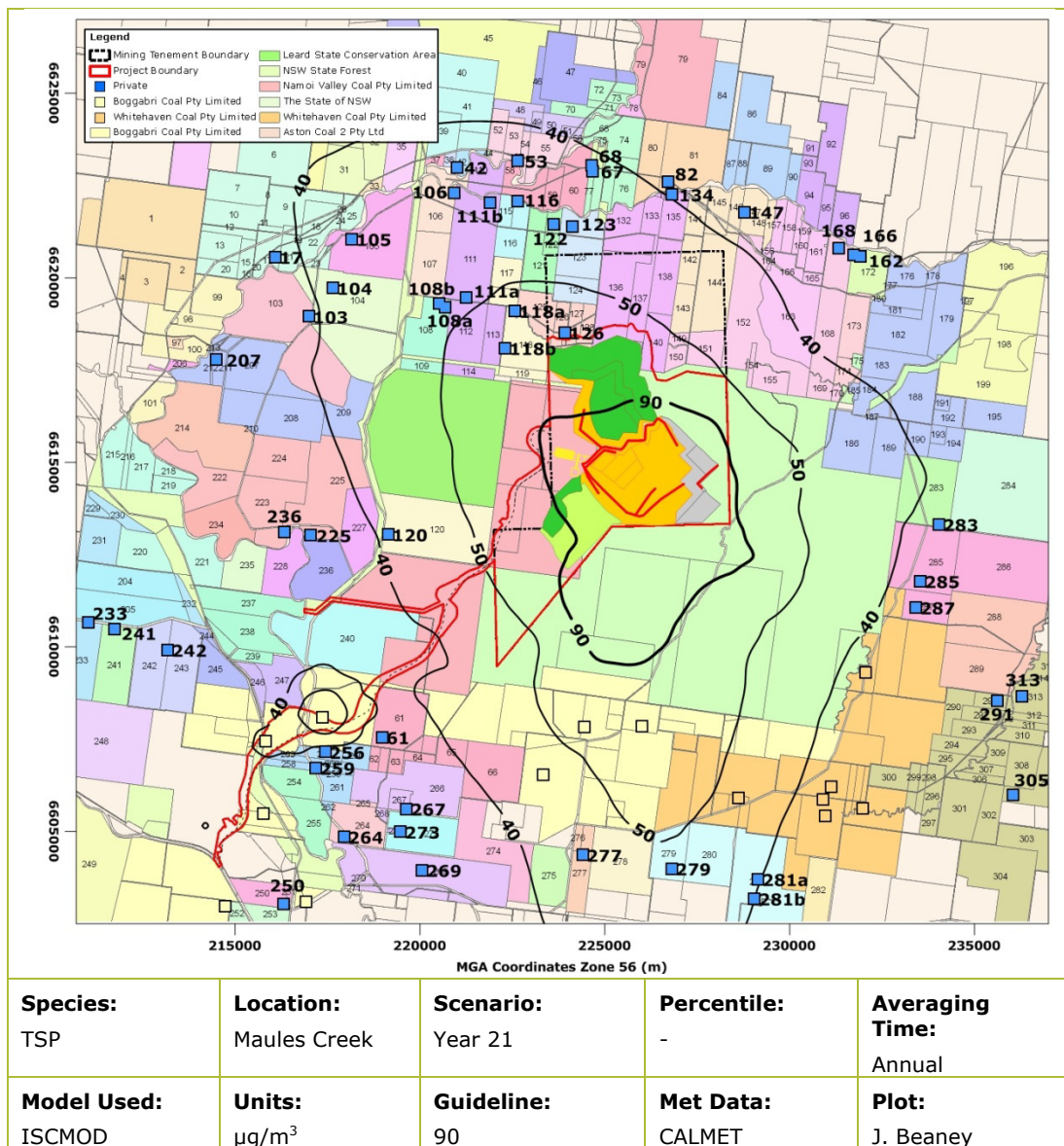


Figure 8.20: Model predictions for annual average TSP concentrations: Year 21 - Cumulative

Table 8.5: Project alone and cumulative model predictions for annual average TSP concentration - $\mu\text{g}/\text{m}^3$

Residence ID	Project alone				Cumulative			
	Year 5	Year 10	Year 15	Year 21	Year 5	Year 10	Year 15	Year 21
Criterion	-				Assessment criteria – $90 \mu\text{g}/\text{m}^3$			
17	4	5	5	4	39	39	39	39
42	6	7	6	7	40	41	41	41
53	5	7	6	7	40	41	41	41
61	3	3	3	2	41	39	38	38
67	4	6	5	6	39	40	40	41
82	3	4	4	5	38	39	39	39
103	5	5	5	5	39	39	40	39
104	6	6	6	6	41	41	41	41
105	7	8	7	7	41	42	42	42
106	7	8	7	8	41	43	42	43
108a	12	14	12	12	47	49	47	48
108b	11	13	11	12	47	48	47	48
111a	12	15	12	13	47	50	48	49
111b	7	9	8	8	42	43	43	43
116	7	9	7	8	42	43	42	43
118a	15	18	15	17	50	54	51	53
118b	21	23	19	20	57	59	56	57
120	5	5	5	5	40	40	41	40
122	7	9	8	9	42	44	43	44
123	7	9	8	9	42	44	43	44
126	18	24	19	21	54	59	56	58
134	4	5	4	5	38	39	39	40
147	3	4	4	4	38	39	38	39
162	2	2	2	2	36	36	36	37
166	2	2	2	2	36	37	36	37
168	2	2	2	3	36	37	37	37
207	2	3	3	3	37	37	37	37
225	3	3	3	3	37	37	38	38
233	1	1	1	1	35	35	35	35
236	3	3	3	3	38	38	38	38
241	1	1	1	1	36	35	35	35
242	1	2	2	2	36	36	36	36
250	2	2	2	2	37	36	36	36
256	2	2	2	2	40	39	38	38
259	2	2	2	2	40	37	37	37
264	2	2	2	2	39	37	37	37
267	3	3	3	3	40	38	38	38
269	2	3	3	3	37	37	37	37
273	3	3	3	3	39	38	38	38
277	1	1	1	1	38	38	44	44
279	0	0	0	1	49	48	47	48
281a	0	0	0	0	46	43	40	40
281b	0	0	0	0	47	43	40	40
283	2	3	3	4	39	38	38	39
285	2	2	3	3	40	39	38	39
287	2	2	2	3	41	39	38	39
291	1	1	1	1	38	36	36	36
305	0	1	1	1	36	36	35	35
313	1	1	1	1	38	36	36	36

8.3 Dust deposition

The predicted impacts for the contribution of the Project alone for annual average dust deposition levels are presented in **Figure 8.21** through **Figure 8.24** for each modelled year. The cumulative results are presented in **Figure 8.25** through **Figure 8.28**. The Project alone and cumulative DECCW assessment criteria for dust deposition are 2 g/m²/month and 4 g/m²/month, respectively.

The model predictions for annual average dust deposition have also been presented in **Table 8.6**.

No privately owned or mine-owned residences are predicted to exceed the DECCW assessment criterion for the project alone or cumulatively.

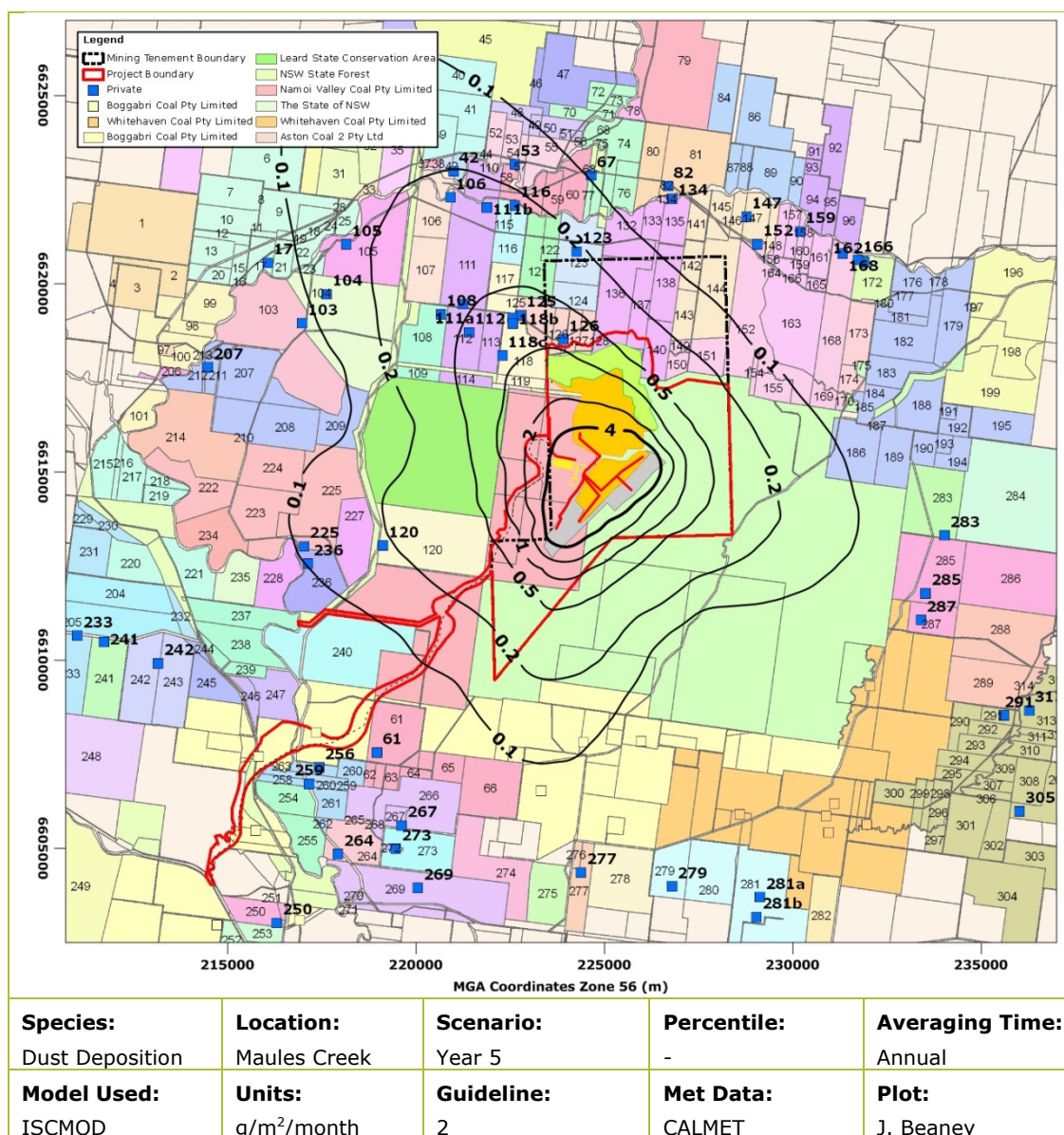


Figure 8.21: Model predictions for annual average dust deposition:

Year 5 - Project in isolation

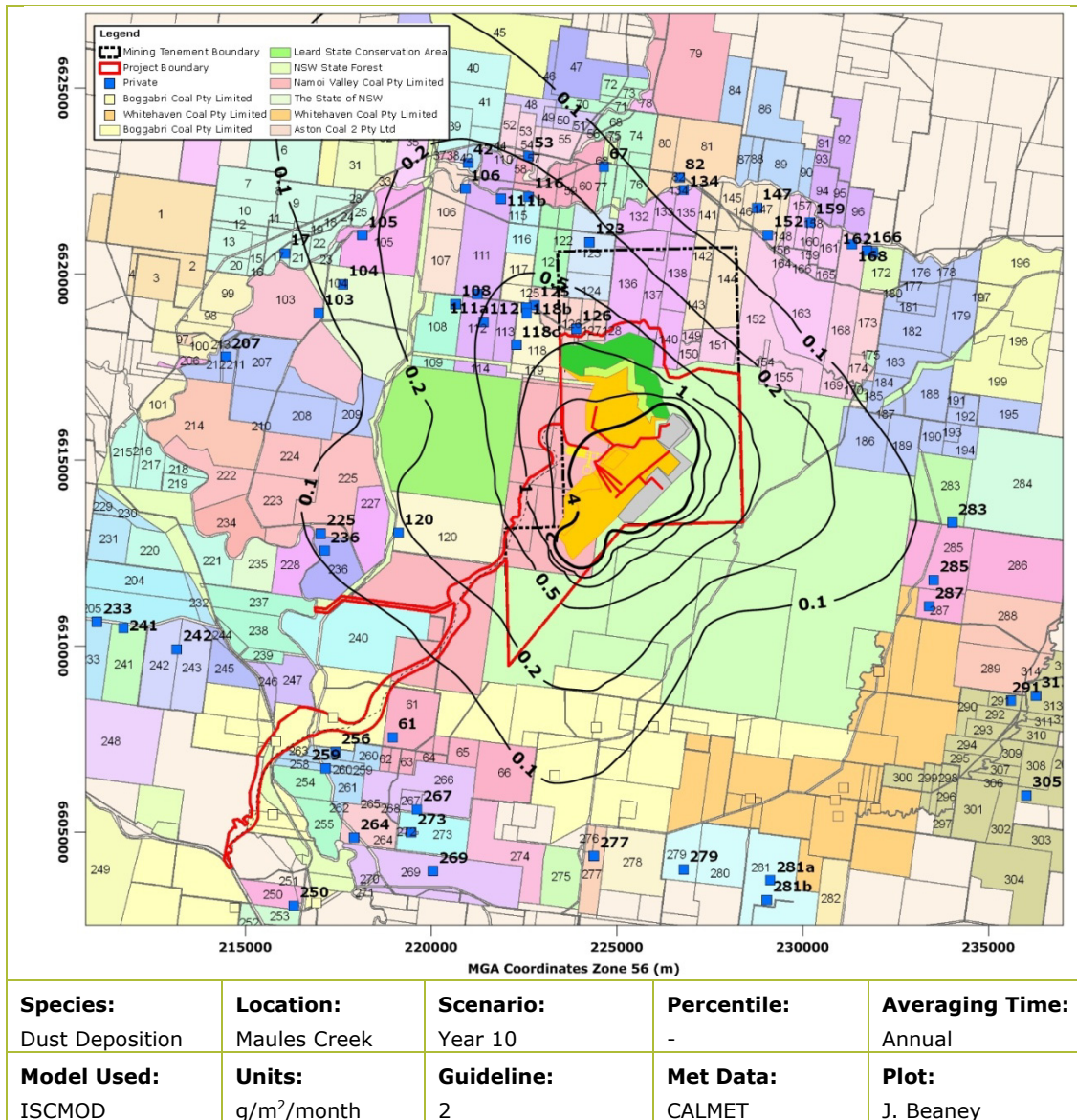


Figure 8.22: Model predictions for annual average dust deposition:

Year 10 - Project in isolation

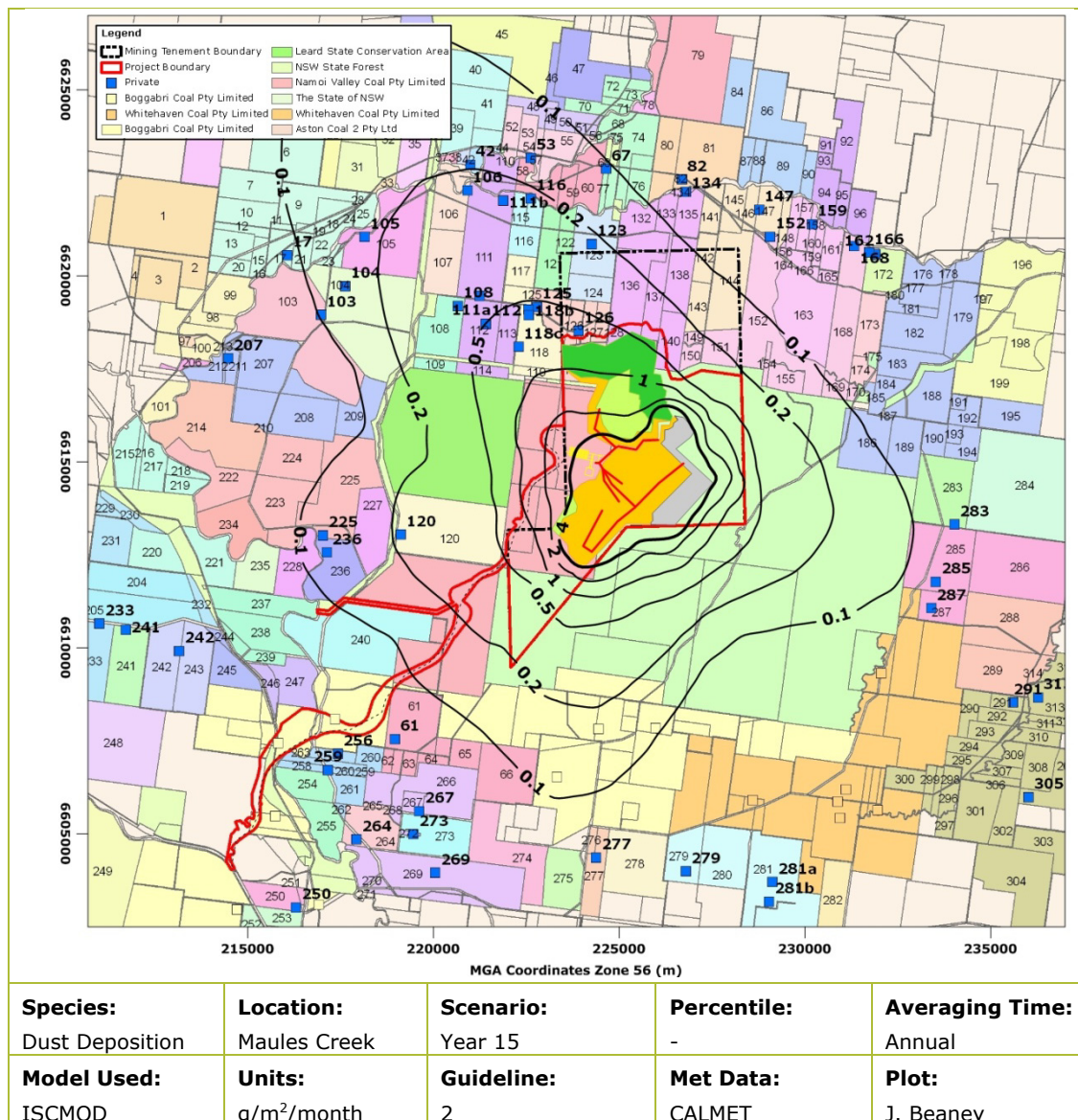
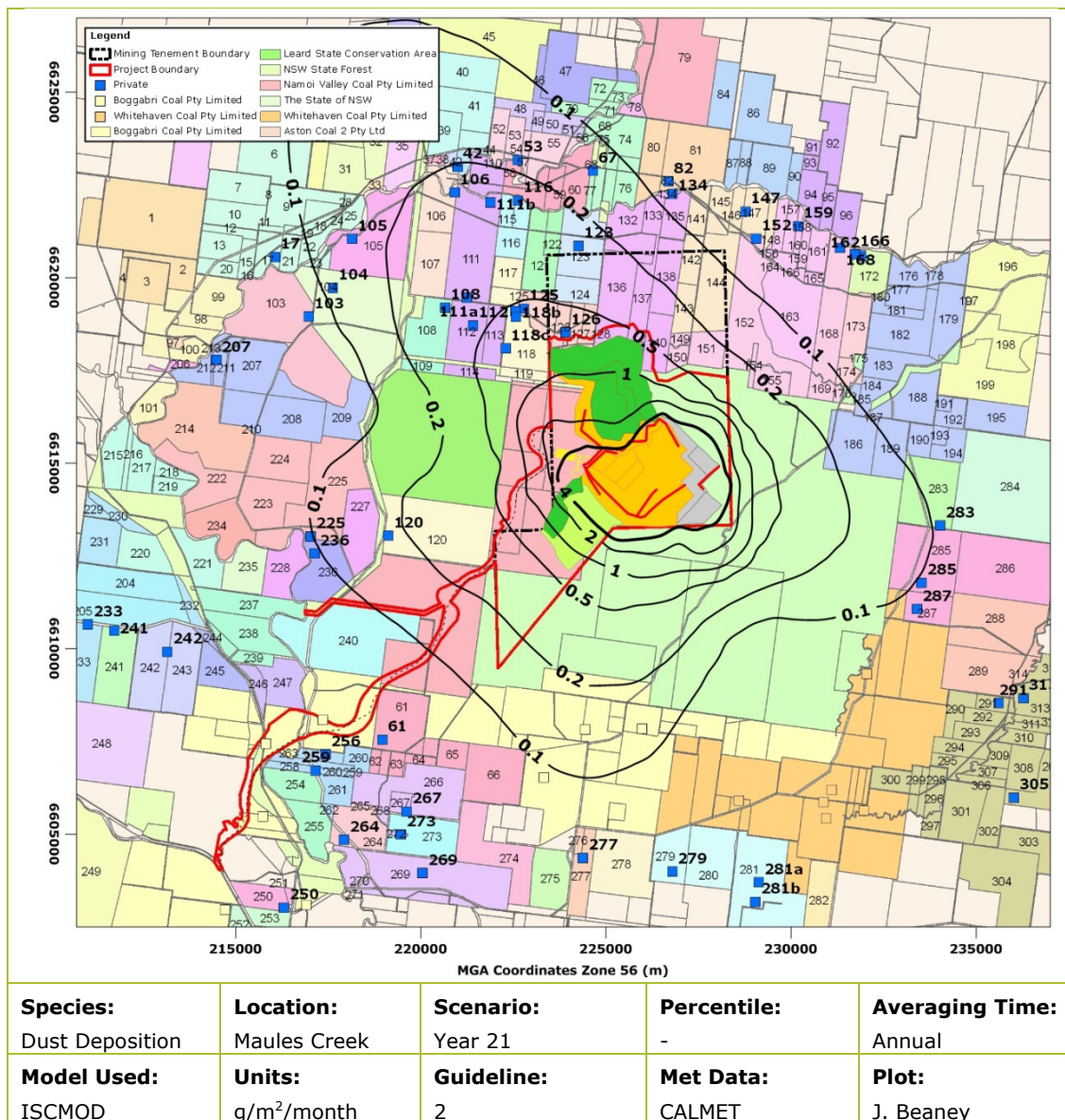


Figure 8.23: Model predictions for annual average dust deposition:

Year 15 - Project in isolation



**Figure 8.24: Model predictions for annual average dust deposition:
Year 21 - Project in isolation**