



-	SEG No.	SEG Id	Activity Description					
	1	Nipper	General duties, store person					
	2	Service Crew / Timberman	Extension of mine services (ventilation, water, compressed					
-	3	Mobile Maintenance	Works all over min e servicing vehicles and conducting insitu repairs					
_	4	Loader Operators	Also known as LHD (load haul dump units or boggers). Production and development 'bogging' of blasted ore to trucks and or stockpiles					
_	5	Charge -up Crew	Charging and firing of production and development headings					
	6	Drill Operators	Includes Jumbos and cable bolters (development drilling and strata support), and diamond drilling (exploration)					
	7	Truck Drivers	Carting of ore and/or waste rock underground and to the surface					
	8	Crusher Operato rs	Underground crusher operators					
	9	Shot -creters	Spraying of concrete onto walls / ceilings following bolting					
_	10	Supervisor	All over mine site, inspecting / allocating tasks.					
_	11	Locomotive Operator	Drives diesel powered locomotive used to move large amounts of ore within the mine					
	12	Workshop fitter	Vehicle maintenance / service person, based in underground workshop.					

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e III – I	Number of samples in excess	of 0.1mg/m ³ Elemental Carbon exposure limit by SEG and site										
EG No.	SEG Id	Site 1	Site 2	Site 3	Numb	er > 0.1m Site 5	Site 6	Site 7	Site 8	Site 9	Total	% > 0.1 mg/m ³
1	Nipper	2	0	0	0	0	0	0		0	2	8
2	Service crew / timberman	2	0	0	0	2	2	0	0	2	8	30
3	Mobile maintenance	0	0	0	0	0	0	0	1	-	1	4
4	Loader operators	2	0	4	1	0	2	0	3	1	13	27
5	Charge-up crew	3	-	0	0	3	0	-	0	0	6	25
6	Drill operators	1	0	-	1	3	0	0	0	3	8	22
7	Truck drivers	1	-	1	2	0	0	0	1	0	5	13
8	Crusher operators	0	-	-	-	-	-	-	-	-	0	0
9	Shotcreters	2	-	-	1		-	-	2		5	71
10	Supervisor	-	0	0	0	0	0	0	0	1	1	4
11	Locomotive operator	-	0	-	-	-	-	0	-	-	0	0
12	Workshop fitter	-	-	-	-		0	0	-		0	0
	Other	-	-	-	-		1	0	-	0	1	25
	TOTAL	13	0	5	5	8	5	0	7	7	50	18
	% > 0.1 mg/m ³	28	0	19	18	25	10	0	24	23	18	

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Activity	SEG	Sam pie size	Log normal	Geometric standard deviation	Estimated arithmetic mean (MVUE) (mg/m ³)	95% UCL - Lands exact (mg/m³)	Percent above exposure standard (%)	95% UCL on per cent above exposure standard (%)
Nipper	1	26	No	2.0	0.068	0.092	19	31
Service crew	2	27	No	2.3	0.078	0.116	24	37
Mobile mtce / UG workshop	3	25	Yes	2.0	0.042	0.057	6	14
Loader operator	4	48	Yes	2.2	0.085	0.109	28	37
Charge-up crew	5	24	Yes	2.6	0.089	0.150	28	42
Drill operators	6	37	Yes	2.3	0.082	0.111	26	37
Truck drivers	7	39	No	2.2	0.058	0.078	14	23
Crusher operators	8	4	Yes	2.0	0.011	0.088	<1	16
Shotcreters	9	8	Yes	1.6	0.117	0.175	56	77
Supervisor	10	24	Yes	2.2	0.047	0.068	9	19
Diesel locomotive operator	11	3	Yes	1.8	0.048	1.213	7	54
Un der groun d workshop fitter	12	7	Yes	1.8	0.034	0.063	2	17

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