

ROYAL OAK MINES INC.
NWT Division - Giant Mine

AIR SAMPLING REPORT, JULY/1995

STATION		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	AVERAGE
Roaster Filter Floor	Total/Resp			Resp			Resp			Resp			Resp	
	Dust - mg/m ³			0.32			0.54							0.54
	As - ug/m ³			17.47			18.36							18.36
Roaster Control Room	Total/Resp			Resp			Resp			Resp			Resp	
	Dust - mg/m ³			0.16			0.12							0.12
	As - ug/m ³			7.30			6.00							6.00
Roaster Top Floor	Total/Resp			Resp			Resp			Resp			Resp	
	Dust - mg/m ³			0.29			0.35							0.35
	As - ug/m ³			30.90			26.15							26.15
Cottrell Top Floor	Total/Resp			Resp			Resp			Resp			Resp	
	Dust - mg/m ³			0.53			0.47							0.47
	As - ug/m ³			27.15			28.11							28.11
Cottrell Bottom Floor	Total/Resp			Resp			Resp			Resp			Resp	
	Dust - mg/m ³			0.56			0.66							0.66
	As - ug/m ³			26.80			27.00							27.00
Cottrell Control Room	Total/Resp			Resp			Resp			Resp			Resp	
	Dust - mg/m ³			0.21			0.14							0.14
	As - ug/m ³			5.56			6.18							6.18
Baghouse Bottom Floor	Total/Resp			Resp			Resp			Resp			Resp	
	Dust - mg/m ³			0.70			0.40							0.40
	As - ug/m ³			18.70			16.35							16.35
Baghouse Top Floor	Total/Resp			Resp			Resp			Resp			Resp	
	Dust - mg/m ³			0.20			0.17							0.17
	As - ug/m ³			22.06			19.48							19.48
Refinery Furnace	Total/Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	
	Dust - mg/m ³	1.00	0.89	1.09	1.14	1.26	1.10	1.32	1.20					1.11
	As - ug/m ³	34.65	31.88	35.57	37.30	38.12	37.45	38.00	37.24					36.14
Refinery Control Room	Total/Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	
	Dust - mg/m ³	0.11	0.26	0.15	0.20	0.26	0.28	0.34	0.18					0.23
	As - ug/m ³	7.25	7.00	6.01	6.50	7.10	6.98	7.15	6.00					6.86
Carbon Plant	Total/Resp			Resp			Resp			Resp			Resp	
	Dust - mg/m ³			0.25			0.20							0.23
	As - ug/m ³			21.44			18.01							19.73

Threshold Limit Values:

Total Arsenic = 50 micrograms per cubic meter
 Respirable Dust = 5.0 milligrams per cubic meter

Total Arsenic = 50 micrograms per cubic meter
 Resp Dust = 5.0 milligrams per cubic meter

= ug/m³
 = mg/m³

AIR SAMPLING REPORT, JULY/1995

STATION		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	AVERAGE
Wood Picker	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/m ³		0.92			1.01			1.19					0.97
	Silica - ug/m ³													
Jaw Crusher	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/m ³		0.99			1.20			1.34					1.10
	Silica - ug/m ³													
Cone Crusher	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/m ³		1.18			1.26			1.15					1.22
	Silica - ug/m ³													
Screen Floor	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/m ³		0.34			0.94			1.08					0.64
	Silica - ug/m ³													
Top of Ore Bins	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/m ³		0.52			0.99			0.88					0.78
	Silica - ug/m ³													
Crusher Setting Room	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/m ³		0.15			0.20			0.21					0.18
	Silica - ug/m ³													
Crusher Control Room	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/m ³		0.13			0.19			0.20					0.18
	Silica - ug/m ³													
Under Ore Bins	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/m ³	0.41			0.35			0.29						0.35
#2 Ball Mill	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/m ³	0.25			0.29			0.22						0.25
Rotation Bench	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/m ³	0.23			0.18			0.15						0.19
Solutions Desk	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/m ³	0.26			0.15			0.12						0.18
Cyanide Mix Area	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/m ³	0.38			0.60			0.54						0.51

Threshold Limit Values:

Respirable Dust = 5.0 milligrams per cubic meter *Dust mg/m³*

AIR SAMPLING REPORT, JULY/1995

STATION		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	AVERAGE
Wood Picker	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/ml		0.92			1.01			1.20					0.97
	Silica - ug/ml													
Jaw Crusher	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/ml		0.99			1.20			1.07					1.10
	Silica - ug/ml													
Cone Crusher	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/ml		1.18			1.26			1.35					1.22
	Silica - ug/ml													
Screen Floor	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/ml		0.34			0.94			1.11					0.64
	Silica - ug/ml													
Top of Ore Bins	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/ml		0.52			0.99			1.04					0.78
	Silica - ug/ml													
Crusher Setting Room	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/ml		0.15			0.20			0.32					0.18
	Silica - ug/ml													
Crusher Control Room	Total/Resp		Resp			Resp			Resp			Resp		
	Dust - mg/ml		0.13			0.19			0.56					0.18
	Silica - ug/ml													
Under Ore Bins	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/ml	0.41			0.35			0.29						0.35
#2 Ball Mill	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/ml	0.25			0.29			0.22						0.25
Rotation Bench	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/ml	0.23			0.18			0.15						0.19
Solutions Desk	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/ml	0.26			0.15			0.12						0.18
Cyanide Mix Area	Total/Resp	Resp			Resp			Resp			Resp			
	Dust - mg/ml	0.38			0.60			0.54						0.51

Threshold Limit Values:

Respirable Dust = 5.0 milligrams per cubic meter

Resp Dust = 5.0 milligrams per cubic meter