

FILE NAME: Colonial Sugar Refinery (CSR)

DATE: 1957

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discovered during an air survey in March. This was remedied by re-airing stoppings. Two more connections were made between the Nos. 6 and 5 levels so that there are now three openings between these levels. (One connection was reported in the Annual Report for 1956) These openings apparently had the effect of causing the air to descend to No. 6 level with the majority of air going off at Nos. 4 and 6 levels and leaving a negligible amount of air to flow along No. 5 level. This was corrected late in the year by installing a door on No. 4 level and now more air circulates beneficially through the workings above No. 5 level. Mining operations above No. 4 level is limited. A Sirocco 60" diameter two stage Acroto Mine Fan is to be installed on the ventilation shaft and this is expected to further improve the ventilation on the mine.

WEST PILBARA GOLDFIELD.

Australian Blue Asbestos Ltd.

This company was visited twice during the year, once as a routine inspection in August, and again in October for a Board of Reference. (This Board of Reference was covered in the earlier part of this report).

Wittenoom mine: The intake airflow was measured in August at 32,650 cfm. whilst the 60" axial flow exhaust fan exhausted 50,625 cfm. The discrepancy can only be accounted for by ineffective sealing of old edit openings and a poor stopping at the fan. Only limited mining was proceeding in the mine and the 32,650 cfm. was quite adequate. Mining operations at this mine were stopped on October 4th.

Colonial mine: 68,500 cfm. was being exhausted by the 60" axial flow fan installed in the northern cliff opening whilst the intake totalled 60,700 cfm. This intake was made up of 28,750 cfm. through the main edit, 27,000 cfm. through No. 3 level, 4,950 cfm. (fluctuates) through No. 2 level and a fluctuating amount (may even reverse) through No. 1 level. These figures indicate a large volume of air passing through the mine, but the path taken by the air is variable. There is no positive airflow through the intake openings and no constant path adopted by the air. This can be attributed to the air currents in the gorges and along the walls of the gorge.

No. 4 level is being developed and a connection through to the cliff face is anticipated in the new year. A utopia drive from No. 3 level connected to a chute and manway cut up from No. 4 level and there is a through airway by the Main edit. When No. 4 level connects to the cliff face ventilation doors will be installed in No. 1 level to increase the amount of air flowing along Nos. 3 and 4 levels. The majority of the utopias will then be close to these levels.

Dust at the discharge from the Ore conveyor belt was causing a hazard and to eliminate it, a box was placed around the discharge pulley and an exhaust fan discharging to atmosphere outside the mine was installed.

Construction of a new treatment plant at the Colonial mine has commenced. The high elevation of the entrance to the mine on the gorge face and the fall into the valley of the gorge should assist in the plant layout. It is to be hoped that provision for dust collection, at least similar to and possibly improved on that now at the Wittenoom plant, has been made.

WILKES RIVER GOLDFIELD.

WILKES RIVER GOLD MINE.

PLAINTIFF'S
EXHIBIT

102840

TABULATION OF L

DATE	MINE	PLACE	COUNT AP.C.C.	TEMPERATURE		REMARKS
				DRY AP.C.C.	WET	
AUSTRALIAN BLUE ASBESTOS LTD.						
WITTENBOOM						
2. 10. 57	Treatment Plant	No. 1 and 2 Ross Chain Feeder	180	7.0		
		from Ore bin.				
		No. 2 ^A Conveyor belt	70	7.0		At picker's position
		Feed to Blake Jaw Crusher	30	7.0		Operators platform.
		Jacquard crusher	170	7.0		Operators platform.
		Vicinity Traylor crusher	180	7.0		
		Discharge from Symons to belt conveyor	540	7.0		
		Vicinity of Omba Mill	550	7.0		
		Operating platform for Rolls and screens etc.	640	7.0		
		Operator's platform vicinity of Subit breaker, screens and fibre collection.	240	7.0		
		Vicinity Nos. 3 and 4 Trommels	320	7.0		
		Bagging section (South side)	320	7.0		
		Bagging section (North side)	500	7.0		
		Centre of fibre storage room	150	7.0		
		Outside plant. Vicinity of plant	50	7.0		
3. 10. 57		Fibre bagging (North side)	460			Two men working.
		In front of Nos. 5 and 6 screens				
		Inside No. 1 Dust room.	10004			
N.B. Figures in red are results of dust samples						
J. M. Fairman						

N.B. Figures in red are results of dust samples taken 17.8.57

J. M. Farquhar
DISTRICT INSPECTOR OF MINES.