

TR5-15-16

ADDITIONAL PROSPECTING BY G. LOWE AT MATHINNA

by J. Baird.

On 3rd December, 1959, Gordon Lowe's prospect Shaft A near the Old Boys Consolidated Shaft was again visited at his request. Sample A was cut from the same vein as was previously sampled, at a depth of 40 feet below the brace.

The sample was not cut in the shaft itself, but in a small drive to the east where connection had been made to some old workings which were blocked with timber and loose rubble. The assay result is as follows:—

Sample No.	Assay No. (Dept. Mines L'ton)	True Width	Gold Content per Ton		
			ozs.	dwts.	grs.
A	1029	2 inches	1	10	8

In view of the fact that this vein decreases in value in the shaft, and that it has been prospected in old workings to the east, the result is not regarded as of great importance.

Another prospect of G. Lowe's is at the old Jubilee Mine on the east bank of Long Gully some two miles south-south-east of Mathinna. This prospect was also visited on 3rd December, and three samples were taken from a quartz vein near surface, on the south face of an old stope about 200 yards north-west of the main shaft. The vein has a strike of 330°M and dips 32° to 40° to the east.

Sample No.	Assay No. (Dept. Mines L'ton)	Distance below surface (inclined) (feet)	True Width (inches)	Gold Content per Ton	
				dwts.	grs.
1	1026	9	12	4	4
2	1027	14	2½	7	14
3	1028	14	5	16

Sample 2 is the hanging-wall of the vein and sample 3 the footwall of the vein, whereas sample 1 represents the whole vein five feet further up dip. The results confirm that the richest part of the vein is the hanging-wall section, which is mineralised with pyrite.

The values do not suggest that mining the vein would be an economic proposition.