MANCALA PTY LTD A.C.N. 056 204 267

DIAMOND DRILL RECORD

LSM4

OBJECTIVE : To test the up-dip continuity of Long Struggle and Caxton Reefs.

RESULT : Long Struggle Reef defined in zone 29-30m.
Position of Caxton indicated at 39.6-39.7m.

DEPTH : 51.4m

HOLE SIZE: TT46

COMMENCED: 5th April 1994

COMPLETED: 7th April 1994

Depth	Direction	Dip
0	107.5	+21
51	107.5	+21

180042

FROM	TO	DESCRIPTION	ALT	CD	ROCK TYPE	MINERALISATION
0	2.0	Grey sandstone with small interbeds of black siltstone.			sst	
2.0	2.9	Black siltstone with small quartz veins parallel and right angles that run irregularly along the core.			sltst	Pyrite associated.
2.9	26.9	Grey sandstone with interbedded black siltstone.			sst-sltst	
		8.0m Broken area in sandstone/siltstone. No associated veining.				
		9.0 m 4 cm quartz vein within siltstone.				
		9.5-9.6m Siltstone bed with minor veining, altered and broken.				
		20.9-21.2m Quartz vein within sandstone/siltstone.				Minor pyrite.
		21.0-21.1m Broken area.				
		23.3-23.5m Quartz veining within in siltstone. Minor alteration.				Minor pyrite and galena.
		24.8-24.9m Quartz vein within sandstone. *Minor galena, some pyrite* and sphalerite associated.				24.8-24.9m *Minor* pyrite, galena and sphalerite.
		25.1-25.2m Quartz veining within siltstone.				Galena and pyrite associated.
26.9	51.4	Interbedded grey sandstone and black siltstone. Siltstone beds range from 20 to 80 cm wide.			sst-sltst	
		27.9-28.1m Quartz veining in sandstone.				Galena and pyrite mineral. associated.
		28.6-29.6m Quartz veining (stockwork type) within siltstone. Several generations.				Pyrite, galena & possibly sphalerite mineral.
		29.35-29.45m Quartz vein with sphalerite and galena.				Minor sphalerite and galena.
		31.1m Sharp contact between sandstone and siltstone. Facing indicates drilling down sequence.				
		31.4m Graded unit confirms facing.				
		33.5-33.7m Quartz veining within in sandstone. Calcite and chlorite *alteration*.	cb chl			
		39.4-40.4m Grey sandstone and black siltstone with quartz veining (stockwork type) with pyrite mineralisation and chlorite alteration.	chl			
		40.4m Graded bedding indcates facing down sequence.				
		48.3-48.35m Quartz vein within black siltstone. Minor pyrite, galena and chlorite alteration.	chl			48.3-48.35m Minor pyrite and galena.