

GETTY OIL DEVELOPMENT COMPANY LTD.

093

DRILL CORE LOG & ASSAY DATA

PROSPECT: BOBADIL

HOLE No. BD1 Page 3

INTERVAL			DESCRIPTION	ASSAY DATA (p.p.m.)											
From	To	Metres		Sample No.	From	To (m)									
83.3	107.4	24.1	<p><u>MINERALIZED SEDIMENTARY SEQUENCE</u> Predominantly dark grey and black shales with minor interbeds of grey coarse grained crystal tuffs, which form lenses 10cm to 1m thick. Grain size and composition of crystal tuffs are similar to dacitic pyroclastics above, suggesting possible air-fall pyroclastic. Shale weakly graphitic. Upper contact over 1m predominantly coarse grained crystal tuffs with disrupted shale clasts up to 10cm in size, giving inferred east-facing (younging up hole). Bedding variable, some synsedimentary deformation, especially intra-formational slumping. <u>Bedding:</u> 87.1m at 40° to LCA, 87.5m at 35° to LCA (most prominent), 91.7m at 47° to LCA, 99.0m between 5° and 50° to LCA. Contacts between fine and coarse grained beds: 86.6m at 43° to LCA, 100.0m at 75° to LCA. Lower contact of sequence is basaltic sill (?) with last metre mixed light grey fine grained siliceous ash and graded silt-stone. <u>Alteration:</u> Abundant Fe carbonate-quartz veins up to 1cm thick forming sub-stockwork and locally flooding the rock. e.g. 95.2 - 95.8m and 96.8-98.0m giving a brecciated appearance. Carbonate veins similar in appearance to sphalerite and may be siderite or ankerite. Coarser units have moderate to locally strong pervasive sericite alteration. <u>Mineralization:</u> Moderate throughout, predominantly sphalerite with lesser pyrite and pyrrhotite associated with carbonate-quartz veins. Also minor granular disseminated sulphide mainly pyrite, with increasing pyrrhotite down-hole.</p>												

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