

GOLD FIELDS EXPLORATION PTY. LIMITED
 DRILL CORE LOG AND ASSAY DATA

PROJECT: GRAND PRIZE E.L. 42/71

HOLE NUMBER: GP8 Page: 6.

ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %	Sn	Sn (sol)	As	WO ₃	Cu	Pb	Zn	Ag	Bi	Fe
				462.3-463.4m: Moderate alteration.	12996	468.0	469.0	78	900	100	100	50	25	<10	120	1	<10	
				463.4-465.9m: Extensive tourmalinisation of the matrix with	12997		470.0	93	1950	<100	100	80	325	50	210	1	30	
				chalcopyrite and pyrrhotite mineralisation rimming	12998		471.0	93	3020	<100	130	40	1070	30	245	1	20	
				and replacing clasts.	12999		472.0	93	600	<100	40	30	25	40	215	1	<10	
				465.9-468.3m: Moderate alteration.	13000		473.0	100	510	<100	30	30	<5	<10	120	<1	10	
				468.3-471.3m: Extensive alteration with disseminated pyrite	13001		474.0	100	770	<100	30	30	60	20	110	<1	10	
				and pyrite-galena (minor) blebs.	13002		475.0	100	1220	<100	70	70	1900	110	185	1	90	
				471.3-473.7m: Minor alteration.	13003		476.0	100	1450	<100	80	20	25	70	160	1	40	
				473.7-491.5m: Extensive tourmalinisation of the matrix with pyrite,	13004		477.0	100	1760	<100	30	50	810	310	165	3	240	
				chalcopyrite and minor pyrrhotite mineralisation.	13005		478.0	100	1850	<100	40	40	125	30	145	<1	40	
					13006		479.0	100	810	<100	10	40	20	40	160	<1	40	
				PETROLOGY: CMS Report 84/7/16	13007		480.0	100	1190	<100	40	30	25	10	95	<1	40	
				Sample No.'s. 2970, 2971, 2974 (465.1, 465.7, 465-466)	13008		481.0	75	750	100	30	30	30	20	150	<1	<10	
				Metasomatised Grits and Conglomerates.	13009		482.0	50	1720	<100	160	40	160	20	205	<1	<10	10001
					13010		484.0	100	9390	<100	40	50	1290	20	110	<1	10	10001
491.5	534.5			SERPENTINITE AND MICRO GABBR0	13011		485.0	100	5270	<100	30	50	105	20	80	<1	30	
				This unit consists of zones of dark green serpentinitised proxenite	13012		486.0	100	2730	<100	40	30	110	30	150	<1	40	10001
				with pale grey carbonated serpentinite margins alternating with	13013		487.0	100	790	100	90	40	105	140	145	2	220	
				fine grained dark green saussuritised/uralitised micro-gabbro.	13014		488.0	96	3040	<100	80	50	1720	70	320	2	70	
					13015		489.0	96	720	<100	20	40	10	30	95	1	40	
				The micro-gabbro contains spherulitic, porphyritic crystals of	13016		490.0	96	800	<100	40	40	25	30	80	1	20	
				feldspar. Veins of phlogopite within the micro-gabbros are assoc-	13017		491.5	10	380	<100	10	30	20	<10	115	<1	410	
				iated with pods of tourmalinisation and chalcopyrite mineralisation.														
				Veinlets of pyrrhotite with tourmaline occur at 521.7-520.0m.	13018	491.5	492.5		20	<100	<10	30	30	260	660	<1	410	
					13019		494.5		20	<100	110	30	5	<10	50	<1	20	
				The dark green serpentinite contains pods, lens and disseminated	13020		495.6		10	<100	20	20	40	<10	105	<1	410	
				magnetite but no sulphide mineralisation. Minor disseminated	13021		496.6		10	<100	<10	30	<5	<10	30	1	20	
				pyrrhotite occurs in the carbonated serpentinite but is not														
				associated with tin or base metal mineralisation. The boundary	13022	502.5	504.2		10	<100	<10	20	65	<10	110	<1	20	
				between the carbonated serpentinite and the micro gabbro is	13023		505.2		10	<100	<10	20	25	<10	55	<1	20	
				hazy and possibly indicates a reactive margin between the two	13024		506.2		<10	<100	<10	20	<5	<10	45	<1	10	
				rock types. An intrusive relationship between the two units	13025		507.2		130	<100	<10	20	90	<10	80	<1	10	
				is probable. The carbonation of the serpentinite at the	13026		508.2		10	<100	<10	20	<5	10	70	<1	10	
				micro gabbro boundaries possibly indicates intrusion of the	13027		509.2		20	<100	<10	20	<5	10	85	<1	410	
				micro gabbro into the serpentinite. Petrological descriptions.	13028		510.2		80	<100	10	20	<5	70	1	410		