

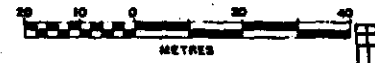
502316

315

HOLE NO. TH 12

GOLD FIELDS EXPLORATION PTY. LIMITED DIAMOND DRILL HOLE PLOT

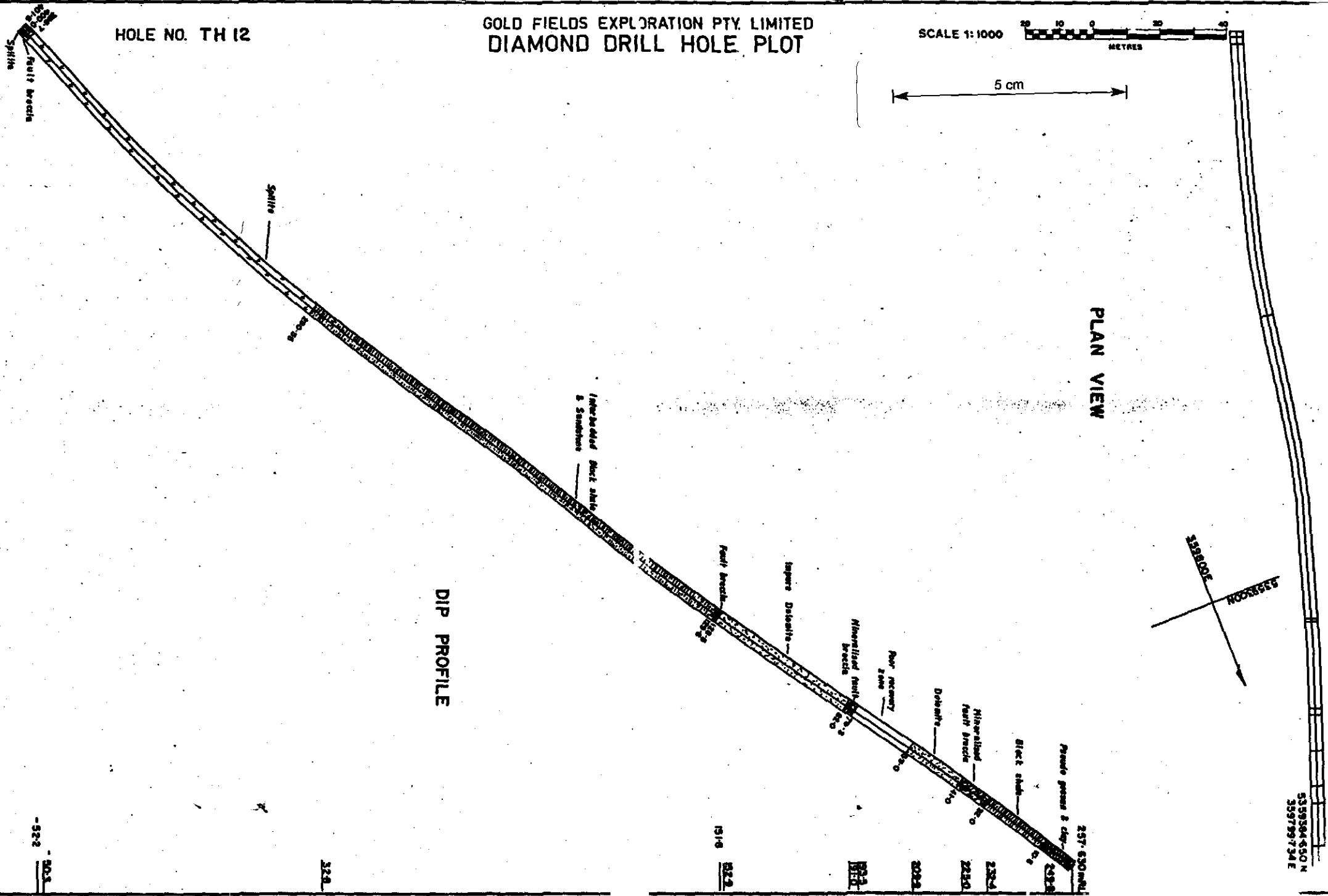
SCALE 1:1000



5 cm

PLAN VIEW

DIP PROFILE



-55.2

20.1

32.8

151.8

152.2

193.3

202.1

221.0

232.4

233.8

257.630mRL

5359364-650 N
359799734 E

GOLD FIELDS EXPLORATION PTY. LIMITED

PROJECT: Trial Harbour

SPL 129

DRILL CORE LOG AND ASSAY DATA

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA											
From	To	m	%		Sample No.	From	To	Rec. %	Sn	As	WO ₃	Cu	Pb	Zn	Ag	Sb
32.0	41.0	1.0	11	<u>MINERALISED FAULT BRECCIA</u> Broken zone of poor recovery. Recovered portions includes quartz sphalerite, pyrite and galena vein mineralisation with minor black shale fragments which are initially pyritic but become base metal rich down hole. Brown siderite which appears intergrown with quartz at 40.0m may have been weathered out up hole.	02	32.0	35.0	10	<10	1230	180	110	1800	3.2%	9	240
					03	35.0	38.0	10	<10	250	150	20	2200	2.16%	5	100
					04	38.0	41.0	13	10	320	210	330	2.6%	2.11%	82	720
41.0	59.0	12.3	68	<u>IMPURE DOLOMITE</u> Interbedded grey dolomite rich siltstone and dolomitic sandstone. Some stylolite development, particularly at sand rich dolomite boundaries. Black shale laminae increases downhole. The unit contains well developed differentiated cleavage planes sub parallel to bedding. Numerous quartz-dolomite and dolomite veins and veinlets occur throughout. Welded breccia zones, with fragments of sedimentary dolomite and minor quartz, occur at 45.8m, 46.1m, 48.6m, 51 m, 56.0m. <u>Petrology for 43.7m</u> <u>Classification-Composition</u> <u>Impure Dolomite</u> Microcrystalline dolomite with relatively minor intergrown semi-fibrous quartz, pervasive films of carbonaceous matter. Minor veinlets dolomite and quartz, late sideritic carbonate films. <u>Fabric</u> Finely laminated, locally transcurrent-bedded, weakly sheared with mildly boudinaged dolomite-quartz veinlets. <u>Accessories</u> Trace "sericite", fine silt-sized clastic quartz. Pervasive traces ultrafine syngenetic pyrite.	1105	41.0	42.0	30	10	40	40	60	1400	1270	7	210

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

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA											
From	To	m	%		Sample No.	From	To	Rec. %	Sn	As	WO ₃	Cu	Pb	Zn	Ag	Sb
291.3	313.3	21.95	100	SPILITE	4135	294.4	295.4	100	20	20	20	130	470	120	4	110
				Pale to dark green, medium grained sericitised basalt with zones of sericitised fine grained tuffaceous sediment which contain minor angular clasts of partly hematitic chert. Feldspar crystals become increasingly albitised downhole and the matrix chloritised. Areas of coarse grained crystallisation e.g. 294.1 are probably from the central part of a thick flow. Pale green hydromica alteration and dolomitisation become pervasive at 294.4-300.9m. Minor disseminated pyrite occurs.	4136	295.4	296.4	100	20	10	10	110	1200	170	9	120
					4137	296.4	297.4	100	<10	30	30	60	2600	690	6	100
					4138	297.4	298.4	100	10	30	10	30	800	210	3	120
					4139	298.4	299.4	100	10	40	10	80	600	150	4	130
					4140	299.4	300.4	100	<10	10	20	540	140	40	2	130
				B.C.A. ? at 312.8m 70° - chert bed.												
				<u>Petrology 294.1m</u>												
				<u>Classification - Composition</u>												
				Altered Microgabbro. Sericite-pseudomorphed plagioclase laths, interspersed ankerite-chlorite-cherty quartz pseudomorphed pyroxene. Sporadic chlorite-ankerite veinlets.												
				<u>Fabric</u>												
				Relict uneven-grained sub- to ophitic, weakly pyroxene-plagioclase porphyritic. Fractured to semi-brecciated.												
				<u>Accessories</u>												
				Minor leucoxenised opaques, corroded relics of calcic plagioclase. Traces pyrite marginal to veinlets.												
				<u>Comments</u>												
				Thoroughly altered basic minor intrusive or, alternately, core zone of relatively thick flow. Chloritic veinlets intersected by late carbonate-healed microfractures.												
313.3	330.1	16.8	100	ALTERED QUARTZ MICROGABBRO	4141	317.9	318.9	100	10	<10	<10	10	70	50	3	180
				Dark green medium to coarse grained microgabbro with phenocrystals of sericitised feldspar and altered pyroxene. The rock is extensively sericitised and numerous veinlets of quartz	4142	318.9	319.9	100	<10	10	20	10	130	50	2	120
					4143	319.9	320.9	100	10	10	10	10	230	50	2	130
					4144	320.9	321.9	100	10	20	10	30	110	50	2	120

