3.2 Drilling

A diamond drilling programme comprising four holes and a re-entry was completed during March. Metres drilled total 731; including the re-entry. GRD-2 was drilled at -60° → 134° (mag) to 88.7m during the 1995 programme and was re-entered and deepened to 129.3m this year. GRD-3 was drilled at -60° → 147° (mag) to 148m, GRD-4 was drilled at -37° → 135° (mag) to 79m, GRD-5 was drilled at -45° → 135° (mag) to 165.4m, and GRD-6 was drilled at -60° → 135° (mag) to 298m. Geological summaries of the holes are presented below and drill logs are included as Appendix I. Hole locations are illustrated in Plate 1.

Summary : GRD-2 (88.7 - 129.3m)

Collar : 5415523.18mN, 585841.75mE.

Drilled : 60° ⇒ 135° (MAG)

88.7 - 89.6	Silicified, grey, laminated silt stone 89 - quartz vein 2cm thick. Minor vfg As Py, Py & minor vis Au.
89.6 - 91.6	Grey quartz, lithic fg sand stone and intermittent thin siltstone layers <10cm thick. Bleached and silicified in places. Abt quartz filled fractures (veins) 30° TCA. 91.1 1cm quartz vein - rare vis Au. 91.1 - 91.6 bleached sand stone.
91.6 - 102.6	Vfg sand stone (quartz lithic). Strongly veined 30° TCA, veins <4mm thick & 1-5cm apart throughout. Minor As Py/ Galena intergrowths. 93.2 - 10cm quartz vein 30° TCA. Veining contains fragmented host and vfg intergrowths of As Py/Galena. Strongly bleached and silicified from 94.2 - 96.6, & 99 - 101.
102.6 - 103	Silt stone, grey. Quartz veins 30° TCA as for 91.6 - 102.6.
103 - 104	Bleached, silicified, vfg, sand stone. Abt quartz veins 30° TCA up to 1cm thick, of which the thicker ones contain As Py & minor vis Au.

104 - 104.4	Sand stone, unbleached as for 103 - 104.
104.4 - 106	Vis 103 -104. Very highly bleached & silicified. Brecciated in parts. Some large quartz veins <5cm thick @ 60° TCA also from 0-30° TCA. Minor chlorite present in some fractures. 5cm quartz vein @ 104.7m contains vvfg As Py aggregates, also present in silicified host.
106 - 123	vfg sand stone and intermittent silt stone layers from 1 - 3cm thick @ 106m. Up to 25cm thick @ 118m. These alternating units appear to be fining upward sequences. Abt thin quartz veins with AsPy and some disseminated into host. Thicker quartz veins contain large aggregates of As Py. Occasional laminated greenish quartz vein @ 80° TCA. 115.8 - 116.1 bleached section containing disseminated AsPy. 119.3 - 119.8 bleached sand stone, with fault gouge at bottom contact. 120.4 - 121.5 bleached sand stone, minor AsPy disseminated throughout. Silicified bottom contact. 122.6 - 3cm quartz vein with peripheral bleaching and silicification, contains minor vfg AsPy.
123 - 129.3 (TD)	Dark grey, vfg, quartz lithic sand stone with intermittent silt stone layers. Minor quartz veining 30° TCA. Minor fg Py present on fracture surfaces.

Summary : GRD-3 (0 - 148m)

Collar : 5415548.33mN, 585878.10mE

Drilled : -60° ⇒ 148° (MAG)

0-16	Oxidised fg sandstone. Abundant Fe stained fractures.
16-22.8	Green, Grey siltstone some fracturing and bleaching.
22.8-22.9	Fault breccia
22.9-29.4	Vis 16-22.8

GOLDEN RIDGE
SCAMANDER
BRILLIANT PROSPECT
GEOLOGICAL LOGS

GRD002

DEPTH FROM	DEPTH TO	LITHOLOGY 1	LITHOLOGY 2	COLOUR	MINERALS 1	MINERALS 2	GRAIN SIZE	SULPHIDES	STRUCTURE TYPE	STRUCTURE ANGLE TCA	STRUCTURE NOTES	VEIN MIN	VEIN ANGLE TCA	ALTERATION	COMMENTS
88.70	89.60	Slt St		GY				vfg AsPy/Py +Au	WRT veining	100		Qu	30	Si	Si/d Slt stone; Lam/d
89.60	91.60	Snd St		GY				vfg AsPy/Py +Au				Qu	30	Si	Snd St (qu/lithic) + thin intermittent Slt St layers
91.60	102.60	Snd/Si					vfg	AsPy/Gal				Qu	30	Si	Snd St (qu,lithic); veins contain frag of host + Sulph
102.60	103.00	Slt St		GY				AsPy/Gal	fractures		Qu filled	Qu		Si	
103.00	104.00	Snd St						AsPy/Gal				Qu		Si	Bleached, Si/d vfg Snd St. Abt qu
104.00	104.40	Snd St						Au AsPy						Si	Snd St - unbleached
104.40	106.00	Snd St	Slt St					AsPy				Qu	30 & 60	Si	v highly bleached + Si/d; brecciated in parts
106.00	123.00	Snd St	Slt St				vfg	AsPy				Qu	30 & 80	Ch,Si	Snd St + intermittent Slt St layers; fining upwards seqs
123.00	129.30	Snd St	Slt St	dk GY			fg	Py	fractures	30	some Si fill	Qu	30	Si	lithic qu Snd St + intermittent Slt St

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