

Garfield

DIAMOND DRILLHOLE : GAR001

PROJECT IDEN : GARFIELD START DATE : 23 MAY 93 COMPLETION DATE : 18 JUN 93 LOGGED BY:  
 COLLAR NORTHING: 5324550.00 COLLAR EASTING : 379945.00 COLLAR ELEVATION: 285.00 GRID AZIMUTH : 0.00  
 DRILLED BY : DDTAS TOTAL LENGTH : 388.50 CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		36.00	-60.00	5324550.00	379945.00	285.00
001	30.00		47.00	-59.00			
002	60.00		47.50	-58.20			
003	90.00		51.00	-57.00			
004	120.00		51.00	-55.80			
005	150.00		51.50	-54.40			
006	180.00		51.50	-53.00			
007	210.00		52.50	-52.40			
008	240.00		52.50	-52.00			
009	270.00		53.00	-51.30			
010	300.00		54.50	-50.30			
011	330.00		56.80	-49.50			
012	360.00		57.00	-48.00			
013	388.50		58.00	-46.30			

R HED			SUMMARY LOG				
R HED	0.00	17.50	WEATHERED, FELDSPAR-PHYRIC DACITIC LAVA				
R HED	17.50	34.45	CHLORITIC, FELDSPAR-PHYRIC CRYSTAL RICH ANDESITE LAVA				
R HED	35.45	89.40	APHYRIC TO FELDSPAR-PHYRIC DACITIC LAVA				
R HED	89.40	102.70	STRONGLY FOLIATED, SERICITIC, QUARTZ PHYRIC RHYOLITIC LAVA				
R HED	102.70	148.40	STRONGLY FOLIATED, CHLORITIC, FELDSPAR PHYRIC ANDESITE LAVA				
R HED	148.40		STRONGLY FOLIATED, SERICITIC, SILICIFIED, QUARTZ PHYRIC				
R HED		175.00	RHYOLITIC LAVA				
R HED	175.00	318.50	MINERALISED, CHLORITIC ANDESITIC LAVA				
R HED	318.50	388.50	STRONGLY FOLIATED FELSIC (RHYOLITIC) EPICLASTICS AND LAVAS				

	Interval From (m)	To (m)	Description	Unit
	0.00	17.50	WEATHERED FELDSPAR PHYRIC DACITIC LAVA: pale grey. STRUCTURE: moderately broken core along foliation, cleavage/foliation: 35 degrees dip long core axis, lower contact: sharp basal contact, 40 degrees dip long core axis. TEXTURE: moderately foliated, massive. MINERALOGY: trace disseminations > veins of pyrite. CVC OR EQUIVALENT	
R	0.00	17.50		
R	0.00	0.00		
R	0.00	0.00		
THN	17.50	35.45	FELDSPAR PHYRIC XL-RICH ANDESITE LAVA: dark grey. TYPIFYING MINERALS: chlorite. STRUCTURE: moderately broken core along foliation, cleavage/foliation: 40 degrees dip long core axis, lower contact: sharp basal contact, 40 degrees dip long core axis. TEXTURE: moderately foliated. MINERALOGY: trace disseminations & scattered crystals o pyrite. SOME 2-5 MILLIMETRE CHLORITE FLECKS AFTER HORNBLENDE. "HORNBLENDE PYHRIC" IN PLACES	QUITE
R	17.50	35.45		
R	17.50	35.45		
	35.45	89.40	FELDSPAR PHYRIC DACITIC LAVA: light grey. STRUCTURE: very weakly broken core. TEXTURE: weakly foliated.	
R	35.45	37.80	APPEARS TO BE BRECCIATED IN PLACES 35.45 - 37.80 2.5% FELDSPAR PHYRIC DACITIC LAVA: pale grey. STRUCTURE: moderately broken core along foliation, cleavage/foliation: 40 degrees dip long core axis. TEXTURE: moderately foliated. ALTERATION: weakly bleached.	
THN				
R	37.80	46.55	FINE GRAINED CRYSTAL - POOR APHYRIC LAVA PROBABLY FELSIC, MINOR FRACTURES OFTEN BLEACHED	
R	37.80	46.55		
			37.80 - 46.55 20% FINE FELSIC LAVA: light grey. STRUCTURE: weakly broken core along foliation, lower contact: 40 degrees dip long core axis, sharp basal contact. TEXTURE: weakly foliated, massive.	
			46.55 - 47.10 10% FELDSPAR PHYRIC XL-RICH ANDESITE LAVA: dark grey. STRUCTURE: very weakly broken core cleavage/foliation: 25 degrees dip long core axis, lower contact: sharp basal contact, 25 degrees dip long core axis. TEXTURE: weakly foliated.	
R	47.10	52.06	APHYRIC FELSIC LAVA ??? SIMILAR TO LDF WITHOUT PHENOCRYSTS 47.10 - 52.06 10% FELSIC LAVA: light orange. STRUCTURE: very weakly broken core lower contact: 15 degrees dip	

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	- Interval - From (m) To (m)	Description	Unit
		long core axis, basal contact is faulted. TEXTURE: weakly foliated, massive.	
R	52.40 66.00	52.06 - 52.40 1% PUGGY FAULT: light green. STRUCTURE: very strongly broken core with prominent pug zones. NO CORE STARTS AT 66.0 M. 52.40 - 66.00 30% FINE FELSIC LAVA: light grey. STRUCTURE: very weakly broken core cleavage/foliation: 45 degrees dip long core axis, joint: 10 degrees dip long core axis. TEXTURE: very weakly foliated, massive. MINERALOGY: 0.3% microveins/joint fillings of carbonate, 0.3% coatings and encrustations of pyrite.	
R	72.15 74.30	66.00 - 72.15 10% FELDSPAR PHYRIC DACITIC LAVA: light grey. STRUCTURE: very weakly broken core cleavage/foliation: 45 degrees dip long core axis. TEXTURE: moderately foliated, massive. MINERALOGY: trace disseminations & scattered crystals of pyrite. DEVONIAN QUARTZ - CHLORITE VEINING 72.15 - 74.30 5% BLEACHED QTZ VEINED FELDSPAR PHYRIC DACITIC LAVA: light green. STRUCTURE: strongly broken core vein: 70 degrees dip long core axis. TEXTURE: moderately foliated, vuggy. MINERALOGY: 10% veins of quartz, 20% veins of chlorite, trace veins of galena.	
R	74.30 89.40	FELDSPAR PHENOS STRETCHED TO THE MAX. APHYRIC IN PLACES 74.30 - 89.40 30% FELDSPAR PHYRIC DACITIC LAVA: green grey. STRUCTURE: very weakly broken core cleavage/foliation: 35 degrees dip long core axis. TEXTURE: moderately foliated. MINERALOGY: pervasive chlorite.	
	89.40 102.70	QUARTZ PHYRIC RHYOLITIC LAVA: green grey. TYPIFYING MINERALS: sericite. STRUCTURE: weakly broken core along foliation, cleavage/foliation: 35 degrees dip long core axis. TEXTURE: strongly foliated. ALTERATION: weakly bleached. MINERALOGY: 10% pervasive sericite.	CAMB WESTERN VOLCANO-SED SEQ
R	90.70 91.15	DEVONIAN 90.70 - 91.15 2.5% VEIN: white. TYPIFYING MINERALS: quartz, chlorite. TEXTURE: vuggy. MINERALOGY: 70% veins of quartz, 20% veins of chlorite.	
		96.77 - 99.30 20% ALTERED QUARTZ PHYRIC RHYOLITIC LAVA: green	CAMB WESTERN VOLCANO-SED SEQ

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	Interval From (m) To (m)	Description	Unit
		grey. TYPIFYING MINERALS: sericite. STRUCTURE: weakly broken core along foliation, cleavage/foliation: 34 degrees dip long core axis. TEXTURE: vuggy. ALTERATION: weakly bleached. MINERALOGY: 20% pervasive siderite, 10% pervasive sericite.	
	102.70 143.70	FELDSPAR PHYRIC ANDESITIC LAVA: dark green. TYPIFYING MINERALS: chlorite. TEXTURE: strongly foliated. 102.70 - 106.20 10% FELDSPAR PHYRIC ANDESITIC LAVA: dark green. TYPIFYING MINERALS: chlorite, sericite. STRUCTURE: cleavage/foliation: 40 degrees dip long core axis. TEXTURE: very strongly foliated. MINERALOGY: 0.3% veins of carbonate. 106.20 - 109.90 10% VEIN: dark green. TYPIFYING MINERALS: quartz, chlorite, carbonate. STRUCTURE: weakly broken core. TEXTURE: vuggy. MINERALOGY: 60% veins of quartz, 10% veins of carbonate, 20% veins of chlorite.	
R	109.90 118.40	QUARTZ FILLED AMYGDALES 109.90 - 118.40 20% QTZ VEINED AMYGDALOIDAL FELDSPAR PHYRIC ANDESITIC LAVA: dark green. TYPIFYING MINERALS: chlorite. STRUCTURE: weakly broken core along foliation, cleavage/foliation: 40 degrees dip long core axis. TEXTURE: very strongly foliated. MINERALOGY: 10% veins of quartz, 2.5% veins of carbonate, 2.5% veins of chlorite, 1% disseminations & scattered crystals o pyrite, trace veins of arsenopyrite. 116.00 - 116.50 1% VEIN: white. TYPIFYING MINERALS: quartz. TEXTURE: massive. 116.50 - 117.20 1% FELDSPAR PHYRIC ANDESITIC LAVA: light grey. TYPIFYING MINERALS: silicified. TEXTURE: strongly foliated. MINERALOGY: 2.5% disseminations & scattered crystals o pyrite. 118.40 - 120.70 5% ANDESITIC LAVA: dark green. TYPIFYING MINERALS: chlorite. STRUCTURE: very weakly broken core cleavage/foliation: 60 degrees dip long core axis. TEXTURE: very strongly foliated.	

	Interval From (m) To (m)	Description	Unit
THN		<p>MINERALOGY: 1% veins of quartz, 1% veins of carbonate, 0.3% disseminations &amp; scattered crystals o magnetite, 20% pervasive chlorite, 2.5% disseminations &amp; scattered crystals o pyrite.            120.70 - 130.70 20% MEDIUM FELDSPAR PHYRIC ANDESITIC LAVA: medium grey.            STRUCTURE: very weakly broken core cleavage/foliation: 55 degrees dip long core axis.            TEXTURE: strongly foliated.            ALTERATION: weakly chloritic.</p>	
R	130.70 135.35	<p>MINERALOGY: 0.3% veins of quartz, 0.3% veins of carbonate, 0.3% disseminations &amp; scattered crystals o pyrite.            CHLORITE AFTER HORNBLENDE            130.70 - 135.35 10% HORNBLENDE PHYRIC ANDESTITIC LAVA: medium grey.            STRUCTURE: very weakly broken core cleavage/foliation: 30 degrees dip long core axis.            TEXTURE: very strongly foliated.            ALTERATION: weakly chloritic.</p>	
THN		<p>MINERALOGY: 2.5% veins of quartz, 1% veins of carbonate, 2.5% veins of chlorite, trace disseminations &amp; scattered crystals o pyrite.            135.35 - 140.60 10% ANDESITIC LAVA: medium grey.            STRUCTURE: very weakly broken core cleavage/foliation: 45 degrees dip long core axis.            TEXTURE: strongly foliated.            ALTERATION: weakly chloritic.</p>	
		<p>MINERALOGY: 1% veins of quartz, 1% veins of carbonate, 10% pervasive chlorite, trace disseminations &amp; scattered crystals o pyrite.            140.60 - 142.90 5% AMYGDALOIDAL FELDSPAR PHYRIC ANDESITIC LAVA: dark grey.            STRUCTURE: very weakly broken core.            TEXTURE: strongly foliated.            ALTERATION: moderately chloritic.</p>	
		<p>MINERALOGY: 20% pervasive chlorite, 0.3% disseminations &amp; scattered crystals o pyrite.            142.90 - 143.70 2.5% VEIN: white.            TYPIFYING MINERALS: quartz, chlorite.            TEXTURE: massive, vuggy.</p>	
		<p>MINERALOGY: 80% veins of quartz, 10% veins of chlorite, 5% veins of pyrite.</p>	
	143.70 175.00	<p>QUARTZ PHYRIC RHYOLITIC LAVA.            TYPIFYING MINERALS: silicified, sericite, chlorite.</p>	CAMB WESTERN VOLCANO-SED SEQ

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		MINERALOGY: 10% pervasive sericite, 2.5% disseminations & scattered crystals o pyrite. 143.70 - 147.60 10% QUARTZ PHYRIC RHYOLITIC LAVA: dark green. TYPIFYING MINERALS: chlorite, sericite. STRUCTURE: very weakly broken core cleavage/foliation: 45 degrees dip long core axis. TEXTURE: strongly foliated.	CAMB WESTERN VOLCANO-SED SEQ
R	147.60 148.40	DEVONIAN 147.60 - 148.40 2.5% VEIN: dark green. TYPIFYING MINERALS: chlorite, quartz. STRUCTURE: very weakly broken core lower contact: 70 degrees dip long core axis. MINERALOGY: 40% veins of quartz, 60% veins of chlorite, 0.3% veins of pyrite, 1% veins of chalcopyrite.	
		148.40 - 149.70 5% QUARTZ PHYRIC RHYOLITIC LAVA: green grey. TYPIFYING MINERALS: chlorite. STRUCTURE: very weakly broken core cleavage/foliation: 45 degrees dip long core axis. TEXTURE: moderately foliated.	CAMB WESTERN VOLCANO-SED SEQ
TAZ		MINERALOGY: 0.3% disseminations & scattered crystals o pyrite. 149.70 - 163.40 40% ALTERED QUARTZ PHYRIC RHYOLITIC LAVA: pale grey. TYPIFYING MINERALS: silicified, sericite, pyrite. STRUCTURE: very weakly broken core cleavage/foliation: 65 degrees dip long core axis. TEXTURE: moderately foliated. ALTERATION: strongly siliceous, moderately sericitic.	CAMB WESTERN VOLCANO-SED SEQ
R	163.40 164.90	MINERALOGY: 1% veins of quartz, 20% pervasive sericite, 2.5% disseminations & scattered crystals o pyrite. 3 CENTIMETRE CLASTS OF SHALE 163.40 - 164.90 5% QTZ-FELD. PHYRIC COARSE RHYOLITIC EPICLASTIC: medium grey. TYPIFYING MINERALS: silicified. STRUCTURE: very weakly broken core. TEXTURE: strongly foliated, clastic.	CAMB WESTERN VOLCANO-SED SEQ
R	164.90 165.25	MINERALOGY: 10% pervasive quartz, 2.5% disseminations & scattered crystals o pyrite. FINER VERSION OF EPICLASTIC ?? 164.90 - 165.25 1% FINE (SILTY) FELSIC VOLCANICLASTIC: medium grey. STRUCTURE: cleavage/foliation: 60 degrees dip long core axis. TEXTURE: strongly foliated.	CAMB WESTERN VOLCANO-SED SEQ

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	Interval From (m) To (m)	Description	Unit
		MINERALOGY: 1% veins of carbonate, 10% pervasive sericite, 1% disseminations & scattered crystals o pyrite.	
	165.25 - 167.00	5% COARSE FELSIC EPICLASTIC: medium grey.	CAMB WESTERN VOLCANO-SED SEQ
		TYPIFYING MINERALS: silicified.	
		STRUCTURE: moderately broken core cleavage/foliation: 65 degrees dip long core axis, basal contact is gradational.	
		TEXTURE: strongly foliated.	
		MINERALOGY: pervasive chlorite, 2.5% disseminations & scattered crystals o pyrite.	
R	167.00 - 175.00	VERY SIMILAR TO EPICLASTIC BUT MORE MASSIVE. NO VISIBLE SHALE CLASTS. SOME FELDSPAR PHENOS.	
R	167.00 - 175.00	167.00 - 175.00 30% COARSE QUARTZ PHYRIC RHYOLITIC LAVA: medium grey.	CAMB WESTERN VOLCANO-SED SEQ
		TYPIFYING MINERALS: silicified.	
		STRUCTURE: very weakly broken core cleavage/foliation: 55 degrees dip long core axis.	
		TEXTURE: strongly foliated.	
		ALTERATION: strongly siliceous.	
		MINERALOGY: 50% pervasive quartz, 1% disseminations & scattered crystals o pyrite.	
	175.00 - 318.15	ANDESITIC LAVA: dark green.	
		TYPIFYING MINERALS: chlorite, pyrite.	
		TEXTURE: moderately foliated.	
		MINERALOGY: 2.5% disseminations & scattered crystals o pyrite, 1% disseminations & scattered crystals o chalcopyrite.	
		175.00 - 177.60 2.5% ALTERED ANDESITIC LAVA: darker grey.	
		TYPIFYING MINERALS: chlorite, silicified.	
		STRUCTURE: very weakly broken core cleavage/foliation: 50 degrees dip long core axis.	
		MINERALOGY: 40% pervasive quartz, 30% pervasive chlorite, 1% disseminations & scattered crystals o pyrite.	
		177.60 - 185.70 5% ALTERED AMYGDALOIDAL ANDESITIC LAVA: dark grey	
		TYPIFYING MINERALS: chlorite, silicified.	
		STRUCTURE: very weakly broken core cleavage/foliation: 55 degrees dip long core axis, quartz chlorite vein/s: 90 degrees dip long core axis.	
		TEXTURE: strongly foliated.	
		MINERALOGY: 20% pervasive quartz, 30% pervasive chlorite, 2.5% disseminations & scattered crystals o pyrite, 0.3% veins of chalcopyrite.	
R	180.15 - 180.65	DEVONIAN 5% C.G. CHALCOPYRITE	
		180.15 - 180.65 0.3% VEIN: very dark green.	

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	Interval From (m)	To (m)	Description	Unit
R	181.10	181.65	<p>TYPIFYING MINERALS: quartz, chlorite. MINERALOGY: 40% veins of quartz, 50% veins of chlorite, 5% veins of pyrite, 5% veins of chalcopyrite. DEVONIAN 181.10 - 181.65 0.3% VEIN: very dark green. TYPIFYING MINERALS: quartz, chlorite. MINERALOGY: 50% veins of quartz, 40% veins of chlorite, 2.5% veins of pyrite, 2.5% veins of chalcopyrite.</p>	
R	185.70	189.25	<p>QUARTZ FILLED AMYGDALES 185.70 - 189.25 2.5% ALTERED AMYGDALOIDAL ANDESITIC LAVA: dark green. TYPIFYING MINERALS: pyrite, chlorite, silicified. STRUCTURE: cleavage/foliation: 60 degrees dip long core axis. TEXTURE: strongly foliated. ALTERATION: strongly chloritic. MINERALOGY: 2.5% disseminations &amp; scattered crystals o magnetite, 30% pervasive chlorite, 10% disseminations &amp; scattered crystals o pyrite, 1% disseminations &amp; scattered crystals o chalcopyrite.</p>	
R	189.25	193.55	THREE NARROW (<20cm) ZONES OF INTENSE ALTERATION COMPRISING OF	
R	189.25	193.55	10 - 20% PYRITE, 10 - 80% MAGNETITE AND 10 - 50% PINK APATITE	
R	189.25	193.55	ALTERATION. 189.25 - 193.55 2.5% ALTERED ANDESITIC LAVA: dark green. TYPIFYING MINERALS: chlorite, pyrite. STRUCTURE: cleavage/foliation: 45 degrees dip long core axis, vein: 45 degrees dip long core axis. TEXTURE: moderately foliated, massive. MINERALOGY: 10% veins of quartz, 10% disseminations & scattered crystals o magnetite, 5% veins of albite, 30% pervasive chlorite, 5% disseminations & scattered crystals o pyrite, 10% veins of apatite.	
R	193.55	201.05	<p>PYRITE SAMPLE FOR S ISOTOPE ANALYSIS AT 194.40m 193.55 - 201.05 5% HORNELENDE PHYRIC ANDESTITIC LAVA: dark green. TYPIFYING MINERALS: chlorite, pyrite, silicified. STRUCTURE: cleavage/foliation: 55 degrees dip long core axis. TEXTURE: strongly foliated. MINERALOGY: 2.5% veins of quartz, 1% disseminations &amp; scattered crystals o magnetite, 20% pervasive chlorite, 2.5% disseminations &amp; scattered crystals o pyrite, 0.3% disseminations &amp; scattered crystals o chalcopyrite. 201.05 - 202.50 1% FELDSPAR PHYRIC ANDESITIC LAVA: medium grey. TYPIFYING MINERALS: pyrite. STRUCTURE: cleavage/foliation: 45 degrees dip long core axis. TEXTURE: strongly foliated. ALTERATION: weakly sericitic.</p>	

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	Interval From (m) To (m)	Description	Unit
		MINERALOGY: 2.5% disseminations & scattered crystals o pyrite, 0.3% disseminations & scattered crystals o chalcopyrite. 202.50 - 206.90 2.5% ANDESITIC LAVA: darker grey. TYPIFYING MINERALS: pyrite. STRUCTURE: cleavage/foliation: 55 degrees dip long core axis, vein: 20 degrees dip long core axis. TEXTURE: strongly foliated, veined. ALTERATION: weakly chloritic.	
R	206.90 217.35	MINERALOGY: 10% veins of quartz, 5% pervasive chlorite, 2.5% disseminations > veins of pyrite, 1% disseminations & scattered crystals o chalcopyrite. SAMPLE FOR O ISOTOPE ANALYSIS AT 211.65m. 206.90 - 217.35 5% HORNBLEND FELDSPAR PHYRIC ANDESITIC L: darker grey. TYPIFYING MINERALS: pyrite. STRUCTURE: cleavage/foliation: 50 degrees dip long core axis. TEXTURE: strongly foliated. ALTERATION: weakly chloritic. MINERALOGY: 1% veins of quartz, 2.5% disseminations < veins of pyrite, 1% disseminations & scattered crystals o chalcopyrite. 209.78 - 210.05 TRACE VEIN: white. TYPIFYING MINERALS: quartz, chlorite. TEXTURE: massive. MINERALOGY: 50% veins of quartz, 20% veins of chlorite, 20% veins of chalcopyrite.	
		217.35 - 219.10 1% ANDESITIC LAVA: darker grey. TYPIFYING MINERALS: chlorite, pyrite. STRUCTURE: cleavage/foliation: 40 degrees dip long core axis. TEXTURE: very strongly foliated. MINERALOGY: 5% veins of quartz, 1% disseminations > veins of pyrite.	
R	225.20 246.40	219.10 - 225.20 5% ANDESITIC LAVA: darker grey. TYPIFYING MINERALS: pyrite. TEXTURE: strongly foliated. MINERALOGY: 1% disseminations > veins of pyrite. NUMEROUS 10cm DEVONIAN QUARTZ CHLORITE VEINS 225.20 - 246.40 10% HORNBLEND PHYRIC FELDSPAR PHYRIC XL-RICH ANDESITE LAVA: darker green. TYPIFYING MINERALS: chlorite. STRUCTURE: cleavage/foliation: 50 degrees dip long core axis. TEXTURE: strongly foliated, massive. MINERALOGY: 2.5% veins of quartz, 2.5% veins of carbonate, 0.3% disseminations & scattered crystals o magnetite, 2.5% veins of chlorite, 1% disseminations & scattered crystals o pyrite, 0.3%	

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- Interval - From (m) To (m)	Description	Unit
	disseminations & scattered crystals o chalcopyrite. 246.40 - 254.60 10% ALTERED ANDESITIC LAVA: medium grey. TYPIFYING MINERALS: sericite, silicified. TEXTURE: strongly foliated. MINERALOGY: 2.5% veins of quartz, 2.5% veins of chlorite, 1% disseminations & scattered crystals o pyrite, 0.3% disseminations & scattered crystals o chalcopyrite.	
	254.60 - 260.65 5% FELDSPAR PHYRIC ANDESITIC LAVA. TYPIFYING MINERALS: chlorite. STRUCTURE: cleavage/foliation: 60 degrees dip long core axis. TEXTURE: strongly foliated. ALTERATION: strongly chloritic. MINERALOGY: 2.5% veins of quartz, 2.5% veins of chlorite, 1% disseminations & scattered crystals o pyrite, 0.3% disseminations & scattered crystals o chalcopyrite.	
	260.65 - 264.45 2.5% ALTERED QTZ VEINED ANDESITIC LAVA: green grey. TYPIFYING MINERALS: sericite, chlorite. STRUCTURE: quartz chlorite vein/s: 45 degrees dip long core axis, cleavage/foliation: 60 degrees dip long core axis. TEXTURE: chaotic, veined. MINERALOGY: 20% veins of quartz, 30% replacive sericite, 10% veins of chlorite, 1% disseminations & scattered crystals o pyrite, 0.3% veins of chalcopyrite.	
	264.45 - 284.00 10% ANDESITIC LAVA: darker grey. TYPIFYING MINERALS: chlorite. STRUCTURE: cleavage/foliation: 60 degrees dip long core axis, basal contact is gradational. TEXTURE: strongly foliated. ALTERATION: weakly altered. MINERALOGY: 1% veins of quartz, 2.5% veins of siderite, 1% veins of chlorite, 1% disseminations & scattered crystals o pyrite, 0.3% veins of chalcopyrite.	
	284.00 - 285.90 1% ANDESITIC LAVA: medium grey. STRUCTURE: cleavage/foliation: 60 degrees dip long core axis. TEXTURE: very strongly foliated, massive. ALTERATION: weakly chloritic. MINERALOGY: 0.3% disseminations & scattered crystals o pyrite.	
	285.90 - 293.60 5% CRYSTAL-RICH ANDESITIC LAVA: medium grey. STRUCTURE: cleavage/foliation: 55 degrees dip long core axis, vq: 60 degrees dip long core axis. TEXTURE: strongly foliated, veined. ALTERATION: weakly chloritic. MINERALOGY: 2.5% veins of siderite, 1% veins of carbonate, 1%	

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	- Interval - From (m) To (m)	Description	Unit
		disseminations & scattered crystals o magnetite, 0.3% disseminations & scattered crystals o pyrite. 293.60 - 299.15 5% HBLEND FSPAR PHYRIC ANDESTITIC V.CLAS: brown orange. TYPIFYING MINERALS: sericite. TEXTURE: strongly foliated, veined, clastic. ALTERATION: weakly altered. MINERALOGY: 2.5% veins of quartz, 10% pervasive siderite, 0.3% disseminations & scattered crystals o pyrite. 299.15 - 305.35 5% HORNBLEND FELDSPAR PHYRIC ANDESITIC L: medium grey. STRUCTURE: cleavage/foliation: 60 degrees dip long core axis. TEXTURE: massive, strongly foliated, veined. MINERALOGY: 1% microveins/joint fillings of quartz, 2.5% microveins/joint fillings of carbonate, 2.5% disseminations & scattered crystals o magnetite, 0.3% disseminations & scattered crystals o pyrite.	
R	305.35 314.00	SILTY BANDS AND SHALEY FRAGMENTS COMMON 305.35 - 314.00 5% FSPAR HBLEND PHYRIC ANDESTITIC V.CLAS: darker grey. STRUCTURE: cleavage/foliation: 65 degrees dip long core axis. TEXTURE: strongly foliated. MINERALOGY: 1% microveins/joint fillings of carbonate, 1% disseminations & scattered crystals o magnetite.	
R	314.00 314.80	COLLOFORM TEXTURED MAGNETITE - QUARTZ ? CAMBRIAN VEINS 314.00 - 314.80 100% ALTERED ANDESITIC LAVA. MINERALOGY: 10% microveins/joint fillings of quartz, 10% microveins/joint fillings of magnetite.	
R	314.80 318.15	FLATTENED HORNBLende PHENOS 314.80 - 318.15 100% HORNBLEND FELDSPAR PHYRIC ANDESITIC L. STRUCTURE: cleavage/foliation: 74 degrees dip long core axis, basal contact is gradational. MINERALOGY: 10% microveins/joint fillings of quartz, 10% veins of carbonate, 1% microveins/joint fillings of magnetite.	
	318.15 328.55	FINE (SILTY) FELSIC VOLCANICLASTIC: lighter grey. TYPIFYING MINERALS: sericite, chlorite. 318.15 - 320.55 100% FINE (SILTY) FELSIC VOLCANICLASTIC: lighter grey. STRUCTURE: cleavage/foliation: 70 degrees dip long core axis. TEXTURE: moderately foliated. ALTERATION: weakly sericitic, weakly chloritic. MINERALOGY: 1% microveins/joint fillings of quartz, 1% microveins/joint fillings of carbonate, 5% pervasive sericite,	CAMB WESTERN VOLCANO-SED SEQ

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DIAMOND DRILLHOLE : GAR001 (CONTINUED)

- Interval - From (m) To (m)	Description	Unit
	<p>0.3% disseminations &amp; scattered crystals o pyrite. 320.55 - 321.40 100% COARSE EPICLASTIC: lighter grey. STRUCTURE: cleavage/foliation: 65 degrees dip long core axis. ALTERATION: weakly sericitic, weakly chloritic. 321.40 - 322.70 100% FINE (SILTY) FELSIC VOLCANICLASTIC: lighter grey. ALTERATION: weakly chloritic, weakly sericitic. 322.70 - 328.55 100% FINE (SILTY) FELSIC VOLCANICLASTIC: light grey. TYPIFYING MINERALS: pyrite. STRUCTURE: cleavage/foliation: 45 degrees dip long core axis. TEXTURE: strongly foliated, veined. ALTERATION: weakly sericitic, weakly siliceous. MINERALOGY: 2.5% veins of quartz, 2.5% veins of carbonate, 2.5% veins of chlorite, 1% disseminations &amp; scattered crystals o pyrite.</p>	
328.55	<p>QUARTZ PHYRIC RHYOLITIC LAVA: light grey. TYPIFYING MINERALS: sericite. TEXTURE: moderately foliated. 328.55 - 356.70 100% WITH MEGA-QTZ GRAINS QUARTZ PHYRIC RHYOLITIC LAVA: light grey. TYPIFYING MINERALS: sericite, silicified, pyrite. STRUCTURE: cleavage/foliation: 60 degrees dip long core axis, cleavage/foliation: 70 degrees dip long core axis. TEXTURE: strongly foliated, massive. MINERALOGY: 40% pervasive quartz, 20% pervasive sericite, 1% disseminations &amp; scattered crystals o pyrite. 356.70 - 362.20 100% WITH MEGA-QTZ GRAINS QUARTZ PHYRIC RHYOLITIC LAVA: light grey. TEXTURE: strongly foliated. ALTERATION: weakly sericitic. MINERALOGY: 5% veins of quartz, 5% veins of carbonate. 362.20 - 375.50 100% QUARTZ PHYRIC RHYOLITIC LAVA: light grey. STRUCTURE: cleavage/foliation: 65 degrees dip long core axis, vein: 10 degrees dip long core axis. TEXTURE: moderately foliated, massive. MINERALOGY: 5% veins of quartz, 1% veins of carbonate. 375.50 - 388.50 100% QUARTZ PHYRIC RHYOLITIC LAVA: light grey. TYPIFYING MINERALS: sericite. TEXTURE: strongly foliated. MINERALOGY: 5% veins of quartz.</p>	CAMB WESTERN VOLCANO-SED SEQ