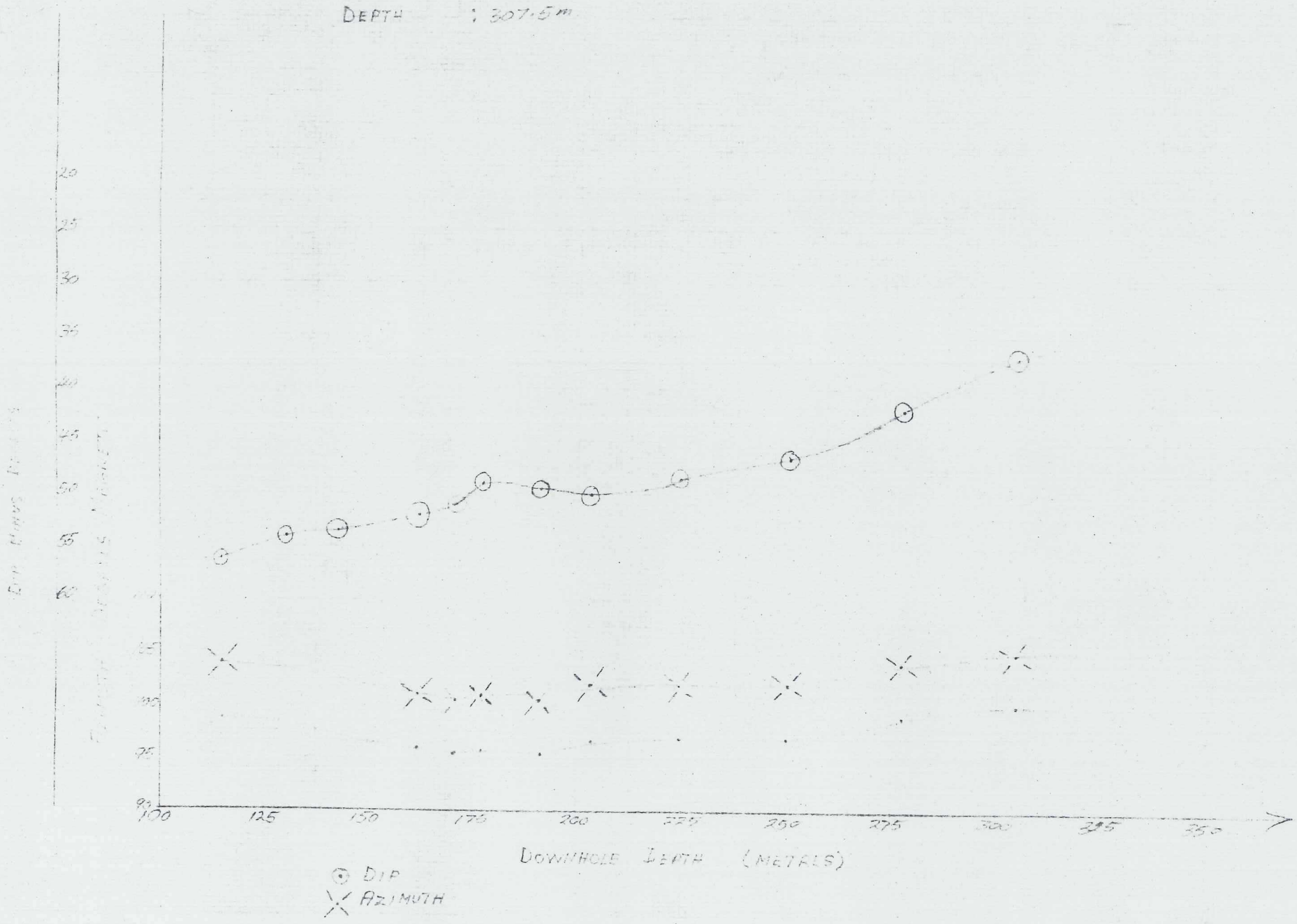


OR 98W EASTMAN SINGLE SHOT DOWNHOLE CORNER SURVEYS

COMMENCED: 27.8.76.
 COMPLETED: 8.9.76.
 DEPTH: 307.5m



⊙ DIP
 X AZIMUTH



DIAMOND DRILL LOG

Hole No **9R98W** Page No **1**

Feature : Bedding Shearing
 Foliation Fault
 Fragment - size & shape Vein
 c carbonate
 q quartz

Mineralization : Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
		NO CORE EVEN NOSE BIT.							
BQ	130.7	Pyli grey carbonated, sericitized <u>litte</u> <u>buff-agglomerate</u> .						131.2	Pyrite 40% locally 70% Iron Spl, Gr, Cpy 1-15%
	132.3	Fault zone. Frag. sheared and broken cov.						132.5	Py 15% 20% Spl 5% 8% Gr 7% 6
	134.45	60° to C.A.						133.7	Pyrite 10% Iron Spl, Gr. Pyrite 15% locally 40% Spl 3-5, Gr 2-3.
	135	Shearing and alteration. See observed metal fragment outlines.						135.7	Pyrite 30% locally 50% Spl 3% 8% Gr 2% 3%
	137.1	Fault zone. Frag. 50% sheared and broken cov. 40° to C.A. Fairly cemented by carbonate						136.9	Pyrite 15% locally 40% Iron Gr, Spl.
	139.0							138.3	Pyrite 5%
	139.3	DTL Buff to grey green carbonated buff-lava. (locally chloritic)						139.3	Pyrite 21%
	140	Fine grained massive buff-lava - groundmass so quartz - feldspathic.							
	145	The rock is massive.							
	145	Buff to green carbonated locally chloritic lava breccia. Fragments are irregular in outline up to 6 cm. Commonly flow banded. - Presumably litte buff-agglomerate.							
	150								



DIAMOND DRILL LOG

Hole No **0K98W**

Page No **2**

Feature : Bedding Shearing
 Foliation Fault **F**
 Fragment - size & shape Vein **c** carbonate
q quartz

Mineralization : Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	150.3 - 152.6	Tuff rock in pale buff in colour due to carbonate alteration.							Pyrite < 1% or above.
	155	Tuff rock may be a siliceous tuff-agglomerate. Fragments commonly exhibit conchoidal fracture.							
	157.3	Tuff matrix is light grey in colour - "oaly" highly siliceous							Pyrite 1% or disseminations and agglomerates.
	160								
	162.0	Below 162m. Fragments of pyrite to 1cm have been noted.							
	165								
	165.3	<u>NO CORE BULL NOSE BIT</u>							
	168.2	Green-buff carb tuff-lava.							Pyrite < 1%
	170	Fine grained with flow banding 30° CA.							
	171.3								Pyrite < 1%
		<u>NO CORE BULL NOSE BIT</u>							
	174.2	Green-buff carbonated tuff lava or sandstone							Pyrite < 1%
	175								



DIAMOND DRILL LOG

Feature : Bedding Shearing
 Foliation Fault
 Fragment-size & shape Vein c carbonate
 q quartz

Mineralization : Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	3.6	DP Green - buff lithic tuff agglomerate below 175.0 m. Grey - buff below 176.8 m.						176.8	Pyrite <1% as above
	177.3							177.3	Pyrite 1% as above
	2.0	PpLx Grey locally sheared carbonated and sericitized lithic tuff agglomerate							Pyrite 3% as dissemination aggregates and enigmatal veins. - occasional fragments.
	180	Lithic fragments are enigmatal to sub-rounded or outline from 0.5 m to 5 cm. Occasionally with "shredded" outlines similar							
	2.1								
	181.5								
	2.5	Fault zone Some pug, sheared and broken core - massive white quartz carbonate veins to 40 m. 80° to core axis.							
	0.5	184.0							
		to P.P. types.							
		185							
	3.0	The upper 50 cm may be a reworked tuff.							
		The matrix is grey or colour, siliceous and "aaky" in appearance.							
	2.3	Crude fragment alignment 80° C.A.							
		190							
		190.3							
	2.1	BP Green-grey carbonated coarse lithic tuff Mixed fragment types - including pyrite. Green lithic hydromuscovite is common.						190.3	Pyrite 3% - 5% as dissemination and aggregates
		193.1							
	3.0	FAULT CONTACT 40° C.A. 120 cm PVC PpP, Massive Sulphides.						193.1	Pyrite 60% Sph 3% - 5% Gn 2% - 3% Cpy 1% - 5% Bartite 3% - 5%
		195							
	1.2	Essentially massive Pyrite in a siliceous - barite rich gangue.						195.0	Py 30% Sph 5-10% Gn 3-5, Ba 10.
								195.3	Py 60% Sph 5-10% Gn 3-5% Ba 10-15%
	2.7							196.8	Py 30% locally 40% Sph 3% - 5%, Gn 1% - 3% Bartite 3% - 10%
		200							
		Below 199 m The host rock is a grey carbonated, sericitized coarse lithic tuff.							



DIAMOND DRILL LOG

Hole No **PR 93** Page No **4**

Feature : Bedding Shearing
 Foliation Fault
 Fragment-size & shape Vein c carbonate
 q quartz

Mineralization : Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
2.4	200.15	Fault zone Highly sheared sulfide zone, pyg and breccia. 45° C.A.						201	Py 30% Sph 25% Ga 12-37 Pyrite 10% Trace Sph, Ga
1.5	201.6	There are mineral fragment types from 0.5 mm to 3 cm. Generally with outlines elongated in the direction of foliation at 20° C.A.						202	Pyrite 5% on disseminations aggregates and irregular veins. Ross Sph, Ga.
2.4	205	The rock may be a reworked tuff. The matrix is grey-siliceous and sericitic - and argillaceous.							
3.0	207	Major Fault zone Pyg and breccia 40° C.A.						208.5	Pyrite 10% Trace Sph, Ga.
1.7	209.5	Py/Pn above. CONTACT 45° to C.A.						209.5	Py 5% as above.
1.5	210.2	Grey-buff carbonated locally sericitized lithic tuff agglomerate. Fragments are irregular in outline to 3.5 cm of pink dacite. The matrix is grey and siliceous - occasional pyrite fragments.						210.2	Pyrite locally 3% on disseminations and fragments.
2.4	213.4	Py/P. CONTACT BEDDED 45° C.A. Grey carbonated and sericitized lithic tuff agglomerate.						213.4	Pyrite 38-5% on disseminations and aggregates.
0.7	214.5	SHEARED CONTACT. Massive Sulfides						214.5	Pyrite 50% Sph 10-20 Ga 5-10% Barite 18-22% as a massive band.
2.2	216.3	Py/Pt Grey carbonated and sericitized lithic tuff (reworked tuff). Lithic fragments are irregular to subrounded in outline to 3 cm.						216.3	Pyrite 10% on disseminations, aggregates and occasional fragments.
3.0	218.8	Py/P Grey carbonated and sericitized coarse lithic tuff. Lithic fragments are irregular to subrounded in outline from 0.5 mm to 3 cm in size. The matrix is grey - fine grained partly argillaceous.						218.8	Pyrite 5% Ross Sph, Ga.
3.0	220	Below 221.8 Carbonate alteration is very pronounced. - associated with Barite. Pyrite veins are common. Below 222.6 m carbonate alteration is not pronounced.						221.85 222.0	Massive Sulfide band Py 50 Sph 10 Ga 5. Fe Barite. Pyrite 10% on disseminations aggregates and irregular veins. Sph 1-37 Ga 1-22 with a similar habit. Minor Barite.
3.0	225								



DIAMOND DRILL LOG

Feature : Bedding Shearing
 Foliation Fault carbonate
 Fragment - size & shape Vein quartz

Mineralization : Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH #	MINERALIZATION
	1.8	P ₂ P as above. Porphyritic dacite fragments are abundant.						250.6	20 cm P ₂ 30% Sph 10% 15% Gn 3% - 5% in a stringer.
	1.2							252.3	Pyrite 10% locally 30% Sph 3% Gn 1% as disseminations, aggregate and stringers with a carbonate, brinite zone.
	3.0							256.4	Pyrite 5% trace Sph, Gn
	3.0							257.5	Pyrite 10% locally 30% Sph 5% Gn 2% - 3%. Minor brinite as disseminations and stringers.
	259.3	GRADATIONAL CONTACT						259.3	Pyrite 10% locally 15% as disseminations, aggregates and irregular veins. Trace Sph, Gn.
	260	Light grey carbonated and sericitized tuff - locally tuff - conglomerate. Generally fine grained - intense sericite development reflects argillaceous character. Generally shaly and disrupted. Nearly Carbonated 259.3 - 260.6 m. Foliation 30° - 40° to C.A.							
	263.3	P ₂ P Blue-grey carbonated and sericitized coarse lithic tuff.						263.3	Pyrite 5% - 7% Sph 1% 3% Gn 1% 2% as disseminations and aggregates.
	265	Lithic fragments are irregular to sub-rounded from 0.5 cm to 3 cm and consist of porphyritic dacite, sericitized tuff, minor pyrite and feldspar.						265.1	Pyrite 5% - 7% Trace Sph, Gn as disseminations and aggregates.
	270	The matrix is grey in colour siliceous and argillaceous locally sericitized.							
		There is a crude frequent alignment - bedding at 45° to C.A.							
		Very minor grey disrupted chert bands (0.5 cm) have been noted.							
	275	The rock is similar to a vent, fine to coarse banding has been noted.							



DIAMOND DRILL LOG

Hole No **026924**

Page No 8

Feature : Bedding Shearing
 Foliation Fault
 Fragment - size & shape Vein carbonate
 quartz

Mineralization : Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	3.0	<i>Filled with silica and or sulfides.</i>							<i>Py 10% 15% Sph 17-5%</i>
	3.0	<i>quartz filled tension fractures has been noted with aggregate of Sph, Gr, Cpy.</i>							<i>301.0m 15cm stringer Py 30 Sph 5, Gr 3 T+Cpy.</i>
	3.0	<i>PyP Blue grey Carbonated and Silicified lithic tuff agglomerate. Similar to above. Fragments are porphyritic dacite to 5cm. Generally irregular to sub-rounded in outline.</i>							<i>Py 15% Sph 15% Gr 2/3% T+Cpy.</i>
	3.0	<i>307.50m. More disrupted chert or silicification has been noted. (similar 275m RAH.)</i>							<i>304.7 15cm stringer vein Py 20% Sph 15% Gr 10% Cpy 10% 20% CA.</i>