ARN PROPERTY

Grid East	Grid North	Easting	Northing	Elev. (m)	Depth (m)
		516409	6871220	1812	101.50

ZONE:

SECTION:

HOLE: ARN-10-04

CLAIM: YB06329

Contractor: Top Rank Drilling

Drill: JKS 300

Core size: BTW

Casing depth: 5.49 (m) in / out

Drilling dates:

TARGET: Positioned to test a reverse dipping model of the chargeability anomaly for zones A & B

Geology logged by: Oliver Fu

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	180	-45	compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	5.49	5.49	OVB	Overbuden
5.49	8.10	2.61	BAS	Altered basalt
8.10	18.00	9.9	BAS	Altered basalt
18.00	56.70	38.7	AND	Andesite
56.70	89.60	32.9	BAS	Basalt
89.60	97.80	8.2	BAS	Intensely altered basalt
97.80	101.50	3.7	BAS	Basalt
EOH				

SAMPLES

Numbers: G0558795 to G0558830

Total: 36

Batch: 5

Date Sent:

Certificate: WH10106223

COMMENTS

GEOLOGY LOG

HOLE: ARN-10-03

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS									DETAILED DESCRIPTION
																	Other					Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Chlorite	Epidote		Oxidation	Type	Intensity	Pyrite	Chalcopyrite	Magnetite	Type	Intensity	Type	Intensity	Photo	
0.00	5.49	5.49				OVB																					Overburden. No recovery.
5.49	8.10	2.61				BAS							m	w		i											Altered basalt. Intensely oxidized section with abundant cross-cutting carbonate-filled veinlets (1-4 mm). Highly fractured with few zones that show minor evidence of bleaching. Few 1-3 cm xenoliths, diorite in composition with a rusty border.
8.10	18.00	9.90				BAS										i			w			Po	w				Altered amygdaloidal basalt. Rounded to angular crystals that have undergone varying degrees of alteration and ranging in size between 1-8 mm. Quartz veins are abundant and between 1-3 mm. Section is intensely oxidized and crumbly in some areas.
18.00	56.70	38.70				AND							m			w			w			Po	w				Andesite with coarse grained elongate mafics, primarily hornblende (10-25 mm). White cross-cutting quartz veins are abundant and 1-3 mm in size. Few zones have undergone minor bleaching and moderately to strong alteration. Mafics are commonly altered to chlorite.
			39.50	40.10	0.60	SKN							m	s		i			w			Po	t-w				Weakly skarnified section?
			52.32	56.70	4.38	AND							w-m	w-m		m											Porphyritic andesite with 1-2 mm lathe-shaped feldspar phenocrysts. Mafics are splintery and 1-4 mm.
			53.85	54.00	0.15	LST																					Limestone layer. Rocks above and below this zone are strongly oxidized.
56.70	101.50	44.80				BAS										m			w								Basalt with cross-cutting quartz and carbonate veining. Few have veins have a 1-2 cm alteration envelope that is bleached pale green.
			59.93	60.31	0.38				CTC	60						m	car	w-m									Highly fractured zone. Upper and lower contacts at 60°.
			63.40	67.75	4.35	BAS							m		m												Alteration increases. Crystals have a greenish alteration halo around them.
			67.77	72.65	4.88																						Weakly foliated, interbedded basaltic and limestone layers. Strong brown (biotite alteration?).
			72.65	89.60	16.95	BAS							w-s			t-w	car	m									Basalt with abundant subrounded, quartz crystals (1-2 mm) and carbonate veins (1-10 mm).
			89.60	97.80	8.20	BAS							s	s							i						Highly altered basalt with sub-massive magnetite blotches and veins. Veins are 1-6 cm and blotches are 1-7 cm wide). Party garnetiferous section has undergone significant alteration. Chlorite altered veins are common throughout. Weakly to moderately potassic(?) altered.
EOH																											

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)