

ATHELSTAN-JACKPOT DRILLING - 1991

HOLE	LOCATION	AZIMUTH (deg)	DIP (deg)	FINAL DEPTH (m)	COMMENTS
AJ91-1	2+97N, 2+83W	230	-88	216.41	Listwanite zone: 3.3-48.0m Strong deformation: 27.6-48.3m 1-3m listwanite zones at depth Most significant gold value: 365ppb over 2.0m, hosted in serpentinite
AJ91-2	0+10N, 3+10E	230	-88	151.48	Diorite and serpentinite No significant gold values
AJ91-3	4+90N, 2+35E	230	-88	151.48	Listwanite: 73.3-75.4m No significant gold values
AJ91-4	3+52N, 1+40W	230	-88	168.25	Listwanite: 59.0-79.7m; Intruded by dykes Thin listwanite zones at depth No significant gold values
AJ91-5	2+37N, 1+80W	0	-90	121	Listwanite zone: 3.1-23.0m and 43.8-61.7m No significant gold values
AJ91-6	2+07N, 2+73W	230	-88	137.16	Listwanite zone: 50.3-65.8m Knob Hill? Sediments 101.9-129.32m No significant gold values

TOTAL 945.78 m

SUMMARY LOG

AJ 91-1
Az: 230^o Dip: -88^o
2+83W 2+97N

0 - 3.35m	Casing
3.35 - 48.28m	Listwanite -->Strong alteration 'Thrust', Foliations: 45 ^o - 62 ^o CA Trace maraposite, 1-2% py, tr po
	5.25-9.75m Dyke
48.28 - 108.49m	Serpentinite Tr py, po
	95.5m Tr sp
108.49 - 114.57m	Felsic Dyke
114.57 - 125.85m	Serpentinite
125.85 - 128.25m	Listwanite
128.25 - 152.71m	Serpentinite
152.71 - 157.64m	Mafic Dyke
157.64 - 195.49m	Serpentinite
195.49 - 216.41m	Diorite
216.41m	END OF HOLE

SUMMARY LOG

AJ 91-2
Az: 230° Dip: -88°
3+10E 0+10N

0 - 3.35m	Casing
3.35 - 11.27m	Diorite
11.27 - 12.25m	Listwanite 11.27m Contact: 55° CA
12.25 - 55.67m	Diorite 15.72 - 35.12m Fault zone 43.05m sp, tr tt
55.67 - 66.61m	Serpentinite
66.61 - 92.00m	Diorite 86.33 - 87.15m Deformation: tr cpy, 5% po, 1% py
92.00 - 108.56m	Serpentinite
108.56 - 126.85m	Diorite
126.85 - 143.50m	Serpentinite
143.50 - 151.49m	Diorite
151.49m	END OF HOLE

SUMMARY LOG

AJ 91-3
Az: 230^o Dip: -88^o
2+35E 4+90N

0 - 1.52m	Casing
1.52 - 73.46m	Serpentinite
	47.85 - 58.52m Dyke
73.46 - 75.36m	Listwanite
	2% py
75.36 - 111.86m	Feldspar Porphyry Dyke
111.86 - 139.88m	Serpentinite
	137.88 - 139.88m Listwanite
	tr py, tr aspy?
139.88 - 145.39m	Diorite
145.39m	END OF HOLE

SUMMARY LOG

AJ 91-4
Az: 230^o Dip: -88^o
1+40W 3+52N

0 - 4.57m	Casing
4.57 - 15.55m	Diorite
15.55 - 59.01m	Serpentinite and Diorite
59.01 - 79.66m	Listwanite
	72.16 - 75.76m Dyke
	76.35 - 76.37m 1% tt, 1-2% ga, 2-3% py, tr aspy?, sp?
79.66 - 87.64m	Serpentinite
87.64 - 96.47m	Diorite
96.47 - 121.30m	Serpentinite
	104.64 - 107.42m Deformation
	112.24 - 113.25m Listwanite
	118.59 - 119.48m Listwanite
	120.27 - 121.30m Listwanite
121.30 - 127.50m	Mafic Dyke
127.50 - 137.06m	Feldspar Porphyry
137.06 - 168.25m	Serpentinite
	137.06 - 142.00m Listwanite
	142.93 - 146.26m Listwanite
	150.56 - 151.28m Listwanite
	152.60 - 156.17m Listwanite
168.25m	END OF HOLE

SUMMARY LOG

AJ 91-5
Dip: -90°
1+80W 2+37N

0 - 3.05m	Casing
3.05 - 22.96m	Listwanite
22.96 - 37.19m	Serpentinite
37.19 - 43.80m	Diorite
43.80 - 61.71m	Listwanite
	56.84 - 59.75m 3% Maraposite, 3-5% py
	57.85 - 58.22m 10% py
61.71 - 93.47m	Serpentinite
93.47 - 102.38m	Diorite
102.38 - 121.01m	Serpentinite
121.01	END OF HOLE

SUMMARY LOG

AJ 91-6

Azimuth: 230° Dip: -88°
2+73W 2+07N

0 - 3.05m	Casing
3.05 - 50.30m	Diorite
	22.27-37.65m Phyllic alteration (alteration envelopes of sheeted veins overlapping)
	37.65-50.30m Fault
	Alteration: Very minor sericite Very little quartz Weak chlorite Brecciation
50.30 - 65.78m	Listwanite
65.78 - 98.22m	Serpentinite
98.22 - 101.90m	Diorite
101.90 - 129.32m	Sediments, Hornfelsed (Biotite)
129.32 - 137.16m	Sheared/Altered Serpentinite
137.16m	END OF HOLE