

HOLE #: BJN00-05 Page 1 of 3
Billtion Exploration Canada Ltd.
Diamond Drill Log

DRILLED BY: Petro Drilling (NQ) **LOCATION:** L-10+00 W 3+75 N **Grid Map Reference:** 12A / 16 **Claim #:** 7418M
Location: UTM NAD 27, Zone 21 537677.83E, 5416997.81N (Handheld GPS) **PROPERTY:** Buchans Junction North (Joe Glodes)
DATE COMPLETED: 06/18/00 **DATE LOGGED:** 06/30/00 **TOTAL Meterage:** 192.02 m **AZIMUTH:** 140°
LOGGED BY: Trevor Rice **DATE STARTED:** 06/16/00
Dip of Hole at: Collar -50° → 140° **at:** 192.02 m -51° → 142.5°
NOTE: No samples taken – casing left in hole

FROM	TO	DESCRIPTION
0	6.66 m	Overburden ~30 cm casing above ground
6.66 m	62.38	Light to locally dark green and olive green mafic tuff. Locally magnetic. Non-magnetic interval has local bleached appearance. - Plag phyric locally (1mm) – subhedral crystals. - Alternating fine and coarse grained sections - Pervasive epidote and calcite / carbonate amygdules. (1-4mm) rounded to oblong shaped. - Epidotization more pervasive in top 40 m of interval, appears as amygdules, patchy blebs and thin veinlets (veinlets 70 – 80 degrees to c.a). - Local well-developed fabric in cg section (70 – 80° to ca) - Minor carbonate/calcite veinlets. Minor local trace pyrite mineralization. Lower contact graditional.
62.38	72.64	Felsic Pyroclastic Light apple green well foliated felsic pyroclastic - Very distinctive quartz eyes pervasive throughout unit. Quartz are oblong shaped and up to 1 cm in diameter. They are orientated parallel to foliation at 70 degrees to c.a - Moderate sercitic groundmass. - Few trace blebs pyrite Lower contact graditional.
72.64	89.71	Mafic Volcanic Dark green non – magnetic mafic volcanic - Fine Grained - Moderate foliation 70 degrees to c.a. - Weakly chloritized along fractures - Minor (trace 1%) disseminated and stringer pyrite associated with chloritization. From 86.86 – 86.99 and 88.46 –89.47 m Plag phyric rhyolitic dykes Trace disseminated pyrite Lower contact graditional

39.71	104.46	Mafic Tuff Light Green fg – mg non-magnetic mafic tuff. · Characteristic calcite /epidote amygdules · Whispy carbonate / epidote veinlets and sporadic epidote blebs. · From 100.78 down unit more massive in appearance - plag phyrlic · Trace pyrite. Lower contact lost in broken core.
104.46	112.16	Rhyolite Light grey/blue grey massive rhyolite · Tiny plag phenocrysts present (0.5 mm) subhedral · Thin chloritic fractures with local pyrite mineralization. · Trace disseminated pyrite · Unit is weakly silicified Lower contact sharp at 60 degrees to c.a. Minor pyrite, and quartz flooding along contact.
112.16	162.38	Mafic Volcanic Dark green fg – mg mafic volcanic · Non Magnetic · Well developed foliation at 60 – 70 degrees to c.a. · Minor epidotization in upper 5m · Locally tuffaceous and plag phyrlic Cut by many potassic felsic dykes: 119.14 – 120.33 contacts 45 to c.a. 120.78 – 121.48 contacts 50-60 to c.a. 121.88-125.51 contacts steep 127.0 – 127.62 bounded by fault gouge 152.69 – 154.0 contacts 50 159.03 160.40 All dykes contain trace disseminated pyrite.
162.38	169.76	Felsic Tuff Dark green cg tuff · Plag phyrlic. Occasional quartz. Calcite amygdules · Matrix mafic looking and granular. Locally sercitic.
169.76	172.64	Mafic Volcanic Dark green weakly magnetic mafic volcanic / tuff

172 64 176 32 Rhyolite
Apple green masssive rhyolite

- Few plag pheno (0.5mm)
- Strong silica and sercite alteration
- Upper contact potassic altered (Unit possible dyke) 70 – c.a.

Lower contact sharp at 45 to c.a.
Trace disseminated pyrite.

176 32 192.025 Mafic Tuff?
Dark green fg to locally plag phyric tuff.

- May contain quartz locally
- Trace disseminated pyrite locally
- Minor carbonate alteration

192 02 End of Hole