

①

BLACK CRYSTAL Mon. Oct. 1/01

- with Dave Terry Sunny +22°C

- Tom Lewis (+ Jim Chapman, Vinn.)

+ Vic (plant)

Molly + 4 cls. - key

- folded 1st (up to 30 m thick)

880862

regional structural setting of 3.5 km x 2.2 km

calc-silicate (graphite-bearing)

synclinal

SW July 8/01 - potential for 250 m tonnes of graphitic carbon
av. 1.5 to 3.2%

Superior

Hader
~~Hader~~ Cr.

Kook Cr.

X Millsite

Little Stoen Cr.

Antigo Swags
- graphite

X Raised
#10M last yr.
- ex 2001
~ \$0.88k

R. D. PEPELL LTD. MADE IN CANADA
DUKES APPROOF

2001 ~~11/1/00~~ ~~123-164~~ (242 holes) (F)
 ~ 1900 m
 HW - bio-fsp gneiss
 Lower (5 dm by mill) (5 dth) up to 9-m intersection
 Don Leslie Bergeron William
 FW = bio-fsp gneiss (same @ Superior)

Eval. Resources

- 1) Hard rock (calc-sil)
- 2) Regolith (weathered hard rock)

Hard Rk.

300 m (E-W)

200 m width
 (est. av. dth inters. ~20m thick)

down-dip
 up to 30m

Alsa

Sands

Core - dissem. graphite (up to 5%)
 (+ dk green pine) in 1st.
 ~1% sub (dirty carbonaceous)

ancient miogeoclinal (Stroman Gp. Egan)

- cise. peg. dykes + dissem graph
 → rep. "dilution"

Analyses

Total C, 'organic' (graphitic) carbon
 Sulfur
 eq. 2-3% (max. 7%)
 (vs carbon in carbonate)

(3) BLACK CRYSTAL Mon. Oct. 11/01

~ 7000 tonnes of 'sieved
(regolith) material 'processed

plant mill site

25T/hr
feed ~ 4%

Tails ~ 0.6-0.8%

ie. ~ 80% rec.

Conc. ~ 75%
fixed carbon

PHOTOS: 'QUARRY'

~ 10,400 tonnes
for processing

- calc-sil, graphite + peg.
sill/dikes + 'bright green'
spinel

- av. 3.8% graphite

PHOTOS toured 'flake' graphite mill

[see SW - July 24/01] for processing
+ June 8/01 details

PHOTOS toured excellent laboratory facility

www.crystalgraphite.com

(5) Note: Black Crystal also
briefly 'evaluated' graphite
discovery/showing on Anglo Swiss
Blue Star property to SF

- also examined/monitoring
Superior graphite show
(on west limb) - very
minor field work in '01

~~BLACK CRYSTAL~~ Sept. 27/00

- (with Paul Wilton) - no field visit

- plan 1000 m ddh in late 2000

(est. ~ \$100k)

- Bernie Augsten hired as consultant

552-3575