

INSTRUMENTATION

GDD
INC.

The Sulfide Boulder Detectors

**BEEP BOOT
BEEP CANE
BEEP CARPET**



The discovery of an ore boulder was the first indication of many of the richest mines in Canada. Up to now, however, the direct search for sulfide boulders was hampered by the lack of a suitable instrument, as ordinary mine detectors react to every magnetite-bearing boulder. Today, the BEEP BOOT, BEEP CANE and BEEP CARPET make it possible to discover hidden sulfides which otherwise would remain undetected.

All three instruments are composed of a search coil that reacts to the presence of magnetite and conductive ores, and of a treatment module that discriminates between the two and "beeps" only when a conductor is detected.

BEEP BOOT

A search coil lodged in the heel of the prospector's boot "sees" through moss, shallow sand etc. and can detect an ore float at 6 to 8 inches. A treatment module is attached to the user's belt and beeps

only when a conductor is detected. The prospector can carry out other survey work while the BEEP BOOT searches by itself at each step.

BEEP CANE

The BEEP CANE can detect a float hidden by up to 4 feet of overburden. The detection level is adjusted at the touch of a button and the BEEP CANE meter equipped with a sensitive needle helps to localize the detected ore boulders.

BEEP CARPET

One or more thick, narrow rubber BEEP CARPETS are pulled behind a vehicle. A search coil embedded in each carpet is monitored by its own treatment module, and reacts independently when it is pulled over a sulfide boulder. The BEEP CARPET can be dragged at up to 10 miles per hour and detects large boulders down to 4 feet. An optional recorder can monitor up to 12 carpets.

Specifications:

Dimensions
Weight
Battery
Battery life
Operating temperature

MT-1 TREATMENT MODULE

(used with BEEP BOOT, BEEP CANE and BEEP CARPET)

4" x 6" x 2"
(11 cm x 16 cm x 5 cm)
1 lb (0.5 k)
9V or rechargeable
One week
0°F to + 120°F
(- 20°C to + 45°C)



Specifications:

Coil size
Penetration
Dimensions
Weight
Battery
Battery life
Operating temperature

BEEP CARPET

10¼" (26 cm)
4 ft. (1.2 m)
2 ft. x 9 ft.
(50 cm x 275 cm)
200 lb. (90 k)
9V
Two weeks
0°F to + 120°F
(- 20°C to + 45°C)

BEEP CANE

10¼" (26 cm)
4 ft. (1.2 m)
Standard metal
detector (40'/1 m)
4½ lb. (2 kg)
9V
Two weeks
0°F to + 120°F
(- 20°C to + 45°C)

BEEP BOOT

2½" (6 cm)
6" (15 cm)
Standard boot
(Coil) 2 oz. (56 g)
6V lithium
One month
0°F to + 120°F
(- 20°C to + 45°C)



Patent pending