# PROPOSED 1990 EXPLORATION PROGRAM ON THE BE PROPERTY

NORTHERN CROWN MINES LTD.

JUNE 1990

### PROPERTY

Northern Crown Mines Ltd. holds an option to earn a 60% interest in the BE Property. The Property, consisting of 6 claims totalling 120 claim units occurs in the Stikine Arch Gold District in Northwestern British Columbia. The Property lies in the Mess Creek Valley, a major north trending structure with associated copper and gold mineralization that includes the one billion ton Schaft Creek copper deposit 5 miles to the northwest.

### **EXPLORATION TARGET**

The BE Claims cover a 2 mile long porphyry copper-gold system along Mess Creek. Mineralization occurs in both intrusive porphyries as well as adjacent altered volcanic and volcanoclastic rocks of the Hazelton and Stuhini Groups.

Previous exploration on the property outlined north-south trending copper and gold soil geochemical anomalies coincident with an I.P. chargeability high. During the period of 1976 to 1982, a total of 17 drill holes were centred on one of several target areas along the 2 mile strike length. Drill holes assayed for copper graded to 0.58% copper and 0.02 oz/ton gold over 120 ft. Most drill holes were not systematically assayed for gold. Prior drill target selection was based on exploration for copper. More recently, with the discovery of four zones containing visible gold, the property has been recognized for it's gold potential.

The primary exploration target is a coincident gold-copper geochemical anomaly measuring 3300 ft. by 700 ft. that contains mineralization grading to 0.32 oz/ton gold. Additional gold-copper zones discovered 6600 ft. to the north in the Snake Creek Valley have assayed 0.10 ez/ton gold and 2.5% copper.

In Summary, the BE Property covers a large porphyry copper system with associated gold mineralization. The four zones containing visible gold present excellent exploration targets.

### PROPOSED 1990 EXPLORATION PROGRAM

The Proposed 1990 Program will involve a comprehensive prospecting, trenching, sampling program on previously outlined gold prospects and gold-copper geochemical anomalies. This program is designed to define continuity and grade of both porphyry copper-gold and structurally controlled gold mineralization within the target areas. A trenching and blasting crew will be utilized to obtain improved rock exposure on several prospects. The 15 day program should be completed during the period July 15th to 31st with additional follow-up in August. All logistical support for the program is included in the proposed budget.

In summary, the targetting program on the gold-copper zones is designed to establish drill targets by mid-August.

# EXPLORATION PROGRAMS

## BE PROPERTY

Northern Crown Mines Ltd. may earn up to a 60% interest in the BE Claims by completing a one million dollar property expenditure within the next 5 years.

The BE Property covers a 2 mile-long porphyry copper-gold system in the Mess Creek Area of the Stikine Arch Gold District. Mineralization occurs in both intrusive porphyries as well as adjacent altered volcanic and volcanoclastic rocks of the Hazelton and Stuhini Groups. Mess Creek is controlled by a major north-trending structure with associated copper and gold mineralization that includes the one billion ton Schaft Creek deposit located 5 miles to the north of the BE Property.

Previous exploration on the property outlined north-south trending copper and gold soil geochemical anomalies coincident with an F.P chargeability high. During the period 1976 to 1982, a total of 17 drill holes were centred on one of several target areas along the 2 mile strike length. Drill holes assayed for copper graded to 0.58% copper and 0.02 oz/ton gold over 120 ft. Most drill holes were not systematically assayed for gold. Prior drill target selection was based on exploration for copper. More recently, with the discovery of four zones containing visible gold, the property has been recognized for it's gold potential.

The primary exploration target is a coincident gold-copper geochemical anomaly measuring 3200 feet by 700 feet that contains mineralization grading to 0.32 oz/ton gold. Additional gold-copper zones discovered 6600 feet to the north in the Snake Creek Valley have assayed 0.10 oz/ton gold and 2.5% copper.

In summary, the EE Property covers a large porphyry copper system with associated gold mineralization. The four zones containing visible gold require immediate exploration followed up by diamond drilling.

