Property Examination - Willoughby Property 103P/14W

825680

Date: October 30, 1995
To: File
From: Peter Daubeny/ Ian Morrison
Subject: Willoughby Property NTS 103P14/W

Introduction, Location and Access

The Willoughby property, located in the Skeena Mining Division, is situated on a nunatak surrounded by glacial ice at the headwaters of Willoughby Creek, about 22 km due east of Stewart BC. Access is by helicopter from Camnor Resources' exploration camp, located on a logging road 15 km east of the property. The property was owned 50 % by Camnor Resources and 50 % by Gold Giant Minerals (all subject to a 2.5% NSR), however, on the day of our visit it was reported that Royal Oak Mines had bought 35 % interest in the property.

Geology and Mineralization

The Willoughby property has been subject to sporadic exploration since the 1940's. More recently, high grade gold assays of up to 0.803 oz / ton over 67.3 feet and 11.27 oz / ton over 9.5 feet , have been reported in drill core from the North zone. Mineralization here consists of ± py, ± po, ± sph ± ga, in a quartz iron-carbonate gangue hosted in sediments and a hornblende-biotite porphyry. An examination of the North zone on surface and on drill sections shows good continuity for thickness and grade over the approximately 50 meters of strike length and 75 meters down dip drilled to date. Very rugged terrain and possibly a lack of will has prevented step out drilling on the North zone. Drilling on four other zones on the property has returned relatively low (typically 0.1- 0.2 oz/t Au) over 3 to 19 foot intervals. In addition to the North zone, the Kiwi zone was also examined in outcrop. The Kiwi zone, said to be typical of other less well explored zones on the property, is distinct from the North zone in that mineralization here consists mostly of massive pyrite with gold grades in the 1/10 oz range.

Conclusion

This property probably has merit if the current operators can demonstrate that the grades and thickness of the North zone extend beyond the approximately 50 × 75 × 2 meters outlined by numerous drill holes. Overall, although the property appears to have potential to host economic an high grade gold deposit, severe technical challenges seriously detract from this project. In addition, Royal Oak Mines involvement would preclude further action on our part.

PAM 1
VERA 4 8031 (9) 4SX1W (120071)
LISA 3 7783 (8) 4NX5W
LISA 4 7784 (8) 4NX5E
LISA 2 7782 (8) 4SX5W
LISA 1 7781 (8) 4SX5E
VERA 3 7898 (9) 4SX5W
ANITA FR. 320870
ORO FR 320735
WILLOUGHBY 3 16896 (9) 5NX4W
CUERVO 313465 5NX4E
DART 321373 5NX3E
CROESUS 3 6131 (5) 5SX4W (104188)
CROESUS 2 6130 (5) 6SX3E (104186)
CROESUS 1 6130 (5) 6SX2E (104186)
JOSE 3 326065 6SX2W (2260061)
326066 6SX2E (2301011) JOSE 4
MED 9 8005 (10) 4NX5W
MED 10 8006 (10) 4NX5E
Del Norte Creek
JOSE 313464 5SX4W
DEL 3558 (9) 5NX4W
GOLD MOUNTAIN 3 6432 (10)
326067 1NX1W 230102
JOSE 6 326068 5NX3W
MED 12 8008 (10) 4SX5W
MED 11 8007 (10) 4SX5E
DIXIE 1 7731 (7) 3NX6W
ORO IV 7954 (9) 4NX5E
North Zone
Kiwi Zone.
WILLOUGHBY 6 6879 (9) 3NX5E (107485)
WILLOUGHBY 7 6900 (9) Glacier 6NX2E
ORO I 7951 (9) 6NX5E
Red Mountain
Marc Zone and Portal.
320929 16X6W 226006
DIXIE 3 7733 (7) 5NX3W
DIXIE 2 7732 (7) 5NX2E
WILLOUGHBY 5 16898 (9) 5SX4W
Willoughby Nunatak.
PLUS 1 324246 3NX6W
PLUS 2 324247 3NX6E
GHSR 3 324935 3SX3W (2256053)
PLUS 4 324249 3SX6W
PLUS 3 324248 2SX6E
326069 230104 JOSE 7
PAM 6 7201 (2) 2SX4W
WILL 51 7735 (1) 3SX5E
BILLY 4 8832 (5) 5NX4W
HROTHGAR 6760 (7) 4SX5E
AL60 0861 2 321636 2NX2E 226059
ORO II 7952 (9) 6SX2E
ORO III 7953 (9) 6SX2W (120781)
DIXIE 4 7734 (7) 6SX3W
RED 32 323680 3NX6E
RED 54 323674 3NX5W
RED 55 323675 4NX5E
RED 62 323692 4NX5E
RED 62 323692 (2256002) 4NX5E
WILLOUGHBY 27 7337 (3) 4SX5W
BILLY 3 8831 (5) 5SX2W
BILLY 2 8830 (5) 5SX4E
RED 33 323681 3SX2W
RED 34 323682 3SX6E
RED 56 323676 4SX5W
RED 57 323677 4SX5E
RED 63 323693 4SX5E
RED 63 323693 (2256031) 4SX5E
28 WILLOUGHBY 7338 (3) 4NX5E (86912)
RED DOG 330339 3SX5E
PEPE 7 326076 3NX2E
RED 70 323701 4NX5W
RED 71 4NX4E
29 WILLOUGHBY 7339 (3) 4SX5E (86913)
CAMBRIA 323700 4NX5E
RED 64 323694 4SX5E
RED 64 323694 (2256041) 4SX5E
RED 35 323663 5NX4W
RED 36 323664 5NX4E
RED 37 323665 5SX4W
RED 38 323666 5SX4E
PEPE 1 326070 4NX2W
PEPE 2 326071 4NX2E
PEPE 3 326072 5SX2W
PEPE 4 326073 3SX5E
PEPE 5 326074 2SX3W
PEPE 6 326075 3SX5E
PEPE 6 326075 3SX5E (2260961)
RED 61 323678 4SX5E
RED 69 323699 4SX5W
RED 72 323702 4SX4E
WILLOUGHBY 30 7340 (3) 4NX4W (118117)
Snowfield
RED 13 323643 3NX6E
LISA 13 7885 (3) 4NX5E
LISA 6 7786 (9) 4SX5E
RED 82 4SX5E
RED 83 4SX5W
RED 65 4SX6E
RED 10
RED 9
Glacier
Snow