

Ottawa, Ontario--(Newsfile Corp. - March 6, 2017) - [Carube Copper Corp.](#) (TSXV: CUC) is pleased to release the results and management's interpretation of the 2016 geochemical soil sampling program on its Main Ridge Licence in central Jamaica.

Highlights

- In-fill soil sampling has confirmed and defined numerous elongated soil anomalies within the 2100m by 800m Bennett Gold Zone. The linear anomalies, whose combined length totals approximately 4000m, are generally parallel and appear to be tracing gold-bearing veins or stock works.
- A large, greater than 1.7 sq. km, irregular-shaped copper in soil anomaly has been outlined in a separate area at Orange Hill. It is a copper prospect marked by an intense magnetic response and gravity highs, suggestive of large porphyry or IOCG-type porphyry systems.

Jeff Ackert, President and CEO of Carube Copper, commented: "The results of the soil sampling west of the former Pennants Gold Mine on our Main Ridge License indicates that the high grade gold extends for a strike length of over 2km. We are also excited with the discovery of the new large copper in soil anomaly at Orange Hill that infers the presence of large subsurface porphyry-style mineralized bodies. We are keen to move forward with drilling once we have fine-tuned the orientation of the drill targets with some ground geophysics."

Figure 1: Gold in Soil Along Bennett Gold Zone

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Bennett Gold Zone

Soil samples were collected from 195 sites at 30m intervals on 8 in-fill lines on the 2 km long, WNW trending Bennett Gold Zone that had been previously defined by BHP-Utah in the 1990s¹. BHP-Utah's and Carube Copper's sampling clearly outline parallel, predominantly E-W, elongated anomalies (Figure 1). Contoured patterns of values in excess of 12 ppb Au, commonly greater than 30 ppb Au and up to 610 ppb Au define parallel anomalies, in one case over an unbroken distance of 1100m. In some instances, highly anomalous nodes in Au up to 100m long are present in areas of suspected intersecting mineralization.

The anomalies are interpreted as being the surface trace of steeply dipping epithermal quartz-carbonate veins similar to those that were mined at the Pennants Gold Mine. A number of historical intersections of veins have been reported on the licence from near the eastern end of Bennett Gold Zone: 7.69 gAu/t over 3m from one hole; 3 gAu/t over 2.2m and 22.9 gAu/t over 2m from a second hole: and 2 gAu/t from a third hole.² At the former Pennants Gold Mine, values of 3 to 5m true width from drill core, commonly assayed from 6 - 8 gAu/t, frequently exceeding 10 gAu/t. Reported production at Pennants was 95,725 t at 9.01 gAu/t.³

Orange Hill Copper Prospect

Soil samples were collected from 350 sites on a 100m square grid, covering a 3.7 sq. km. area in the west part of the Main Ridge License. Results from the soil sampling indicated two, possibly three, large distinctive areas marked by anomalous results for numerous elements. The results from each area imply the presence of separate underlying mineralization systems. The geochemical results also suggest the presence of epithermal veining and mineral enhancement (overprinting).

Figure 2: Copper in soil at Orange Hill Copper Prospect

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A large 1.7 sq. km. copper (Cu) in soil (greater than 240 ppm) is obvious in the area around Orange Hill (Figure 2). It appears to be divisible into two separate anomalies: (i) a northern lobe that measures 500m by 1500m and (ii) a southern lobe that measures 600m by 1500m and is open to the SE. Both lobes have their long axis trending to the NW. The northern lobe is marked by a 300m by 900m N-S trending anomaly where Cu values are greater than 360 ppm and between 450 and 1360 ppm.

The southern lobe shows variation in the area of Cu enhancement - some of the Cu overprinting trends E-W. Gold anomalies marked by values greater than 6 ppb and values between 12 and 53 ppb, show similar patterns. Other precious and base metals show N-S trending narrow anomalies. The 39 rocks (grab samples) that were collected during prospecting were highly altered and most assayed greater than 250 ppm Cu. One sample from the southern lobe assayed 2.29% Cu.

The area's Cu and Au potential had previously been inferred because of the presence of a large residual gravity high (possibly indicative of a mid-crustal intrusive) and a large magnetic body topping at 150m below surface and with associated lobes (indicative of magnetite alteration compatible with porphyry or IOCG related alteration).⁴ Stream sediment sampling by The Canadian International Development Agency (CIDA) in the 1990s and a soil sampling transect by Carube Copper in 2015⁵ across the area confirmed the presence of Cu-Au mineralization in the area.

The third area where the geochemistry of surface soil samples suggest an alteration system or a buried intrusion or mineralization system lies to the west of the large magnetic body previously cited. This area is highly anomalous in (i) many porphyry pathfinders such as selenium, bismuth and cesium; (ii) elements indicative of alteration such as barium and potassium; and (iii) most rare earth elements. Combined with the geophysical data, the geochemistry, except possibly for the fact that iron (Fe) values are low and Cu values are limited to high background (50-100ppm Cu), would be suggestive of IOCG-type mineralization. Further investigation is required to determine the ultimate reason for these anomalies. N-S and NE-trending linear anomalies, specifically for Au and Fe, also suggest epithermal veining and overprinting in this area.

Future work

Both the Bennett Gold Zone and the Orange Hill Copper Prospect are ready for drilling subject to some fine tuning to delineate drill collar locations and drilling orientation.

The initial target at Bennett will be the 1.1km long parallel elongated gold anomalies marked by Au values between 15 and 610 ppb Au. The initial target at Orange Hill will be the broad enriched (overprinted) N-S trending zone where Cu values range between 450 and 1,360 ppm and Au values exceed 12 ppb.

Soil sampling, analysis and quality control

A total of 575 soil samples, including duplicates, from the Bennett Gold Zone (BGZ) and the Orange Hill Copper Prospect (OHCP), including duplicates, were analyzed. A total of 39 rock samples, weighing approximately 1kg, were collected and analyzed. All samples were stored at a secure compound in Jamaica and shipped by bonded couriers to Actlabs in Ancaster, Ontario. At Actlabs, the samples were crushed with up to 90% passing 2mm; 250g was then split and pulverized to 95% passing 105 micron. Ultratrace 5 procedure was utilized for analysis in which thirty grams are encapsulated, irradiated and measured for Au plus Ag, As, Ba, Br, Co, Cr, Cs, Fe, Hf, Na, Ni, Sb, Sc, Se, Ta, Th, U, W, Zn; a portion of the sample is digested by a four acid solution (HF, HAO4, HNO3 and HL) and Al, Be, Bi, Ca, Cd, Co, Cu, Eu, Ga, Ge, In, Li, K, Mg, Mn, Nb, Mo, Ni, P, Pb, Rb, Re, S, Sn, Sr, Tb, Te, Ti, Tl, V, Y, Zr, La, Ce, Pr, Nd, Sm, Gd, Dy, Tb, Ho, Hg (>10ppm), Er, Tm, Lu, and Yb determined by ICP/MS.

Actlabs is a fully accredited laboratory to ISO 1702 and CAN-P-1579 and NELAP standards. A number of blanks and duplicates are inserted by both Carube Copper and Actlabs into the sequence of samples to be analyzed. Approximately 15% of the samples submitted for analysis are for quality control.

¹Pyle, P.F. 1992. Main Ridge Gold Project, Clarendon, Jamaica; unpublished reports, March and August for BHP-Utah Exploration Inc with analytical reports by Chemex Labs Inc, Sparks, Nevada

²Lutynski, P. 1994. Summary, report, Central Inlier Project, Jamaica; Clarendon Mining Ltd., unpublished technical report

³Exploration Management Pty Ltd. 2012. Main Ridge gold Mine (Jamaica); web-site

⁴Tykajlo, R. 2016. Main Ridge Project, Jamaica; geophysical data processing, modelling, interpretation and targeting; Geo-Digit-Ex memorandum to Carube Copper.

⁵Rodinia Jamaica Ltd. 2015. Semi-annual report for the Main Ridge Project area, July 1, 2014 to December 31, 2014; prepared by Jeff Ackert and Trevor McCain, [Carube Copper Corp.](http://www.carubecopper.com)

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Contacts

Jeff Ackert, President and CEO • 1-613-839-3258 • jackert@carubecopper.com

Vern Rampton, Executive VP of Corporate Development • 1-613-839-3258 • vrampton@carubecopper.com

Alar Soever, Chairman • 1-705-682-9297 • asoever@carubecopper.com

www.carubecopper.com

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[Carube Copper Corp.](#) (TSXV: CUC) is a Canadian exploration company focused on the exploration and development of copper and gold projects in Jamaica and Canada. In Jamaica, Carube Copper holds a 100% interest in 11 licences, totalling 535 square kilometres. In Canada, it holds a 100% interest in three porphyry copper-gold-molybdenum properties, totalling 492 square kilometres within the Tertiary-aged Cascade Magmatic Arc in southwestern British Columbia. Exploration continues on these properties with the goal of joint-venturing them to larger exploration and mining companies. Carube Copper continues to seek opportunities in Canada and the Caribbean for acquisition and development.

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