



THOR COPPER GOLD PROJECT: AVAILABLE FOR OPTION

Thor Project (Cu-Au) Sonora, Mexico

- Excellent access 110 Km east of the city of Hermosillo, Sonora
- Large property size (11,300 hectares) with multiple targets :
- Partner funded work program recently completed including geological mapping, geochemical sampling, petrography, geochronology, hand sample spectrography, ASTER image acquisition, processing and interpretation, ground magnetics survey including processing and interpretation and a 4 hole drilling program totaling 1336 meters
- Strategic location at the southern end of the Laramide aged Aconchi Batholith that hosts significant deposits in the region such as Suaqui Verde
- Property straddles an elongated, NNW-trending volcano-sedimentary basin flanked by intrusive rocks of the Aconchi batholith – a geological setting suitable for hosting a buried porphyry copper deposit
- This volcano-sedimentary basin hosts a series of northerly-trending color anomalies and limonite-clay-sericite-silica alteration zones which have been interpreted to represent the erosional remnants of a Laramide-age lithocap
- This lithocap may have once extended over a NS distance of 7.5km or more
- Exploration program has generated three high potential target areas with a turn-key exploration program in place focusing on undercover porphyry copper gold potential



Lithocaps on the North Target, looking ENE



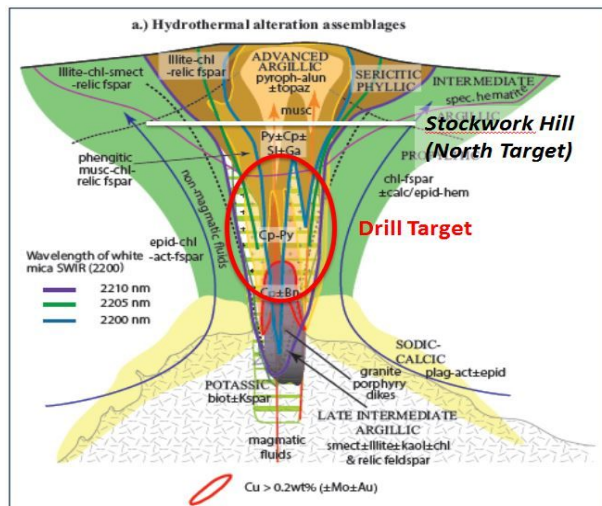
Bleached (clay-sericite) altered quartz-feldspar porphyry



Quartz-eye felsic tuff with 1-2% disseminated pyrite



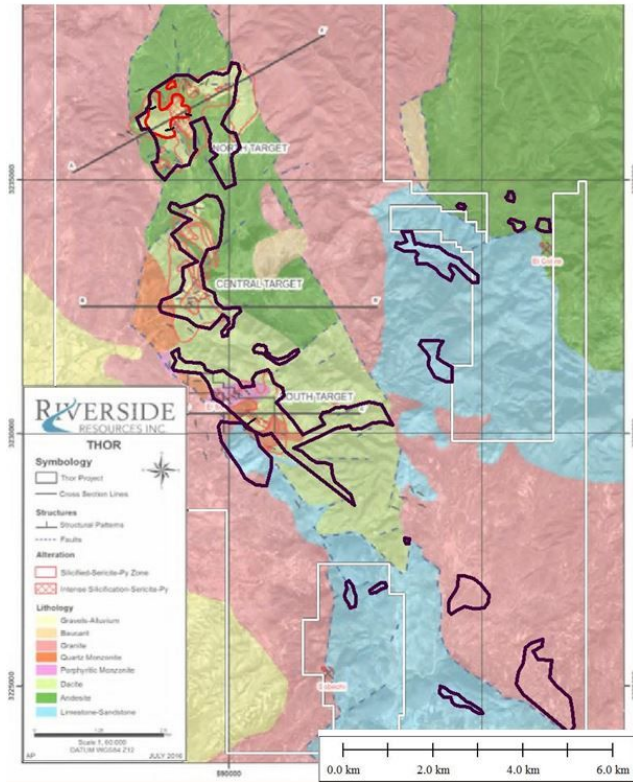
Drilling at Thor Project



At the Stockwork Hill target, anomalous values for pathfinder elements Sn, Mo and S are prevalent.

These pathfinder element associations are consistent with the data distribution common for a porphyry setting in this region

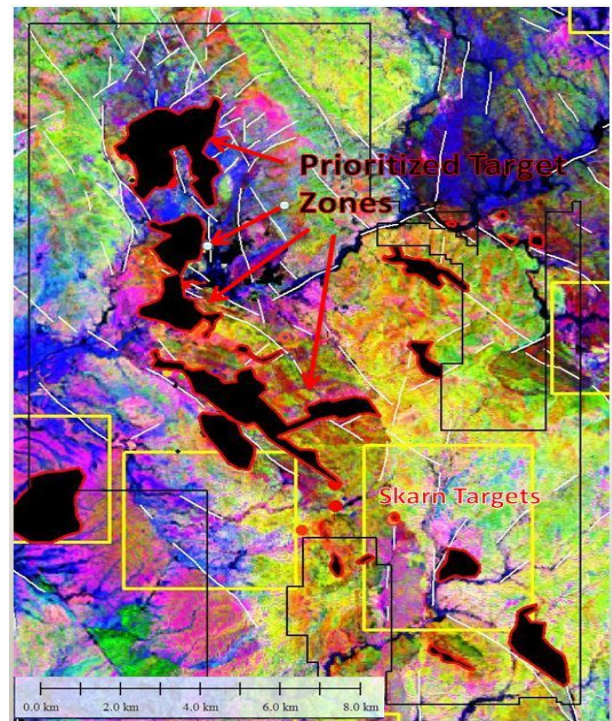
ASTER Alteration Targeting at Thor Project



- Using publicly available remote sensing imagery, and applying suitable algorithms for the type of deposit being sought, compare the Thor responses to those of nearby porphyry copper systems (Suaqui Verde) – 87 Mt @ .47% Copper
- Create a detailed geological map of the property and vicinity based on **mineral associations** from remote sensing imagery
- Define alteration zonation using key minerals (sericite, pyrophyllite, alunite, Fe-oxides)
- Combine multispectral targeting criteria with existing exploration data to demonstrate the existence of multiple exploration targets of sufficient magnitude to host one or more Suaqui Verde sized deposits (>1Mt Cu)
- Define, list and prioritize multispectral analysis targets for field review, using all existing data
- Multiple additional anomalies potentially related to a porphyry system at depth are found in Central, South and Far South target areas

Results from Exploration Program

- Exploration campaign cut short by budget constraints leaving multiple targets defined and ready for testing
- The results from this initial 1,400 meter diamond core drilling program were positive for finding a porphyry system and now point toward further target testing and follow up
- Drill cores and all other exploration data generated to date, including Aster image analysis, ground magnetics surveying, petrographic and geochronology studies and surface geochemical sampling have provided solid targeting criteria for the next phase of exploration work
- Next phase to focus on defining possible areas where the missing Cu mineralization from Stockwork Hill could be found as well as define hydrothermal centers in a porphyry cluster scenario



ASTER alteration analysis combining with existing exploration data to define and prioritize target areas