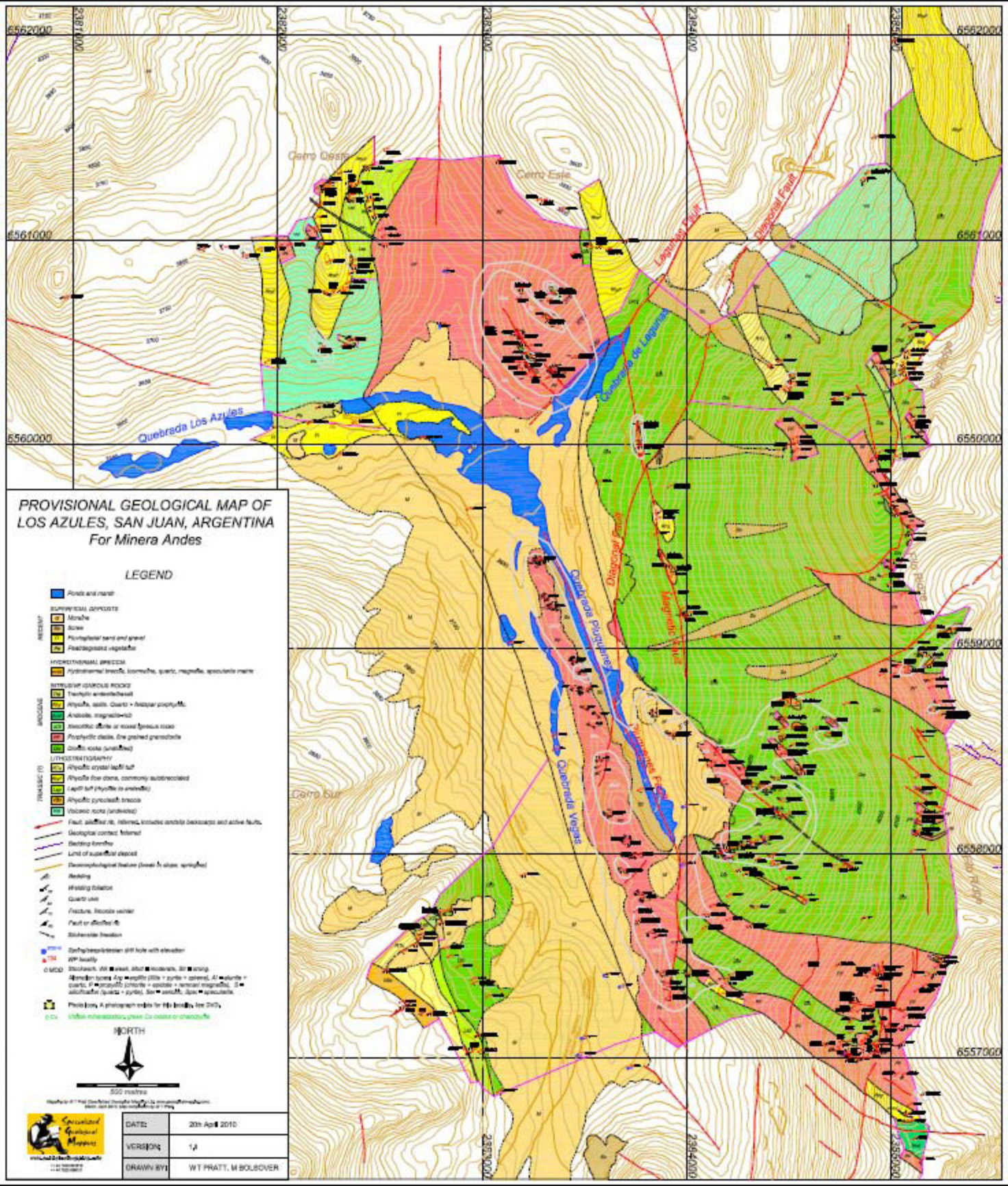
PROVISIONAL GEOLOGICAL MAP OF
LOS AZULES, SAN JUAN, ARGENTINA
For Minera Andes
LEGEND
Ponds and marsh
SUPERFICIAL DEPOSITS
Moraine
Scree
Fluvioglacial sand and gravel
Peat/glaycoid vegetation
HYDROTHERMAL BRECCIA
Hydrothermal breccia, locmachite, quartz, magnetite, specularite matrix
INTRUSIVE IGNEOUS ROCKS
Trachytic andesite/basalt
Rhyolite, aplitic. Quartz + feldspar porphyritic
Andesite, magnetite-rich
Monzonitic diorite or coarse igneous mass
Porphyritic diorite, fine grained granodiorite
Dioritic rocks (undifferentiated)
LITHOSTRATIGRAPHY
Rhyolitic crystal lapilli tuff
Rhyolite flow dome, commonly autobrecciated
Lapilli tuff (rhyolite to andesitic)
Rhyolitic pyroclastic breccia
Volcanic rocks (undivided)
Fault, undifferentiated, inferred, includes dextral to sinistral oblique and active faults
Geological contact, inferred
Bedding, horizontal
Limit of superficial deposit
Geomorphological feature (crest, scarp, spring/flow)
Bedding
Bedding Foliation
Quartz vein
Fracture, fracture vein/set
Fault or shear/fault
Stockwerk/breccia
Drill hole with elevation
Mine locality
Stockwork: str = weak, mod = moderate, str = strong
Alteration types: Arg = argillic (clay + pyrite ± gypsum), Alt = advanced argillic, P = phyllic (chlorite + epidote + remnant magnetite), S = silicification (quartz + pyrite), Ser = sericitic, Spe = specularite
Photo locality. A photograph exists for this locality (see DVD)
Visible mineralization, green Cu oxides or chalcocite
NORTH
500 metres
Specialised Geological Mapping
DATE: 20th April 2010
VERSION: 1A
DRAWN BY: WT PRATT, M BOLSOVER
Cerro Oeste
Cerro Este
Cerro Sur
Quebrada Los Azules
Quebrada de Leguleyes
Quebrada Pequeñas
Quebrada Vegas
Leguleyes Fault
Diagonal Fault
Quebrada Fault
Quebrada Fault
Quebrada Fault
6562000
6561000
6560000
6559000
6558000
6557000
2381000
2382000
2383000
2384000
2385000
2386000
2387000