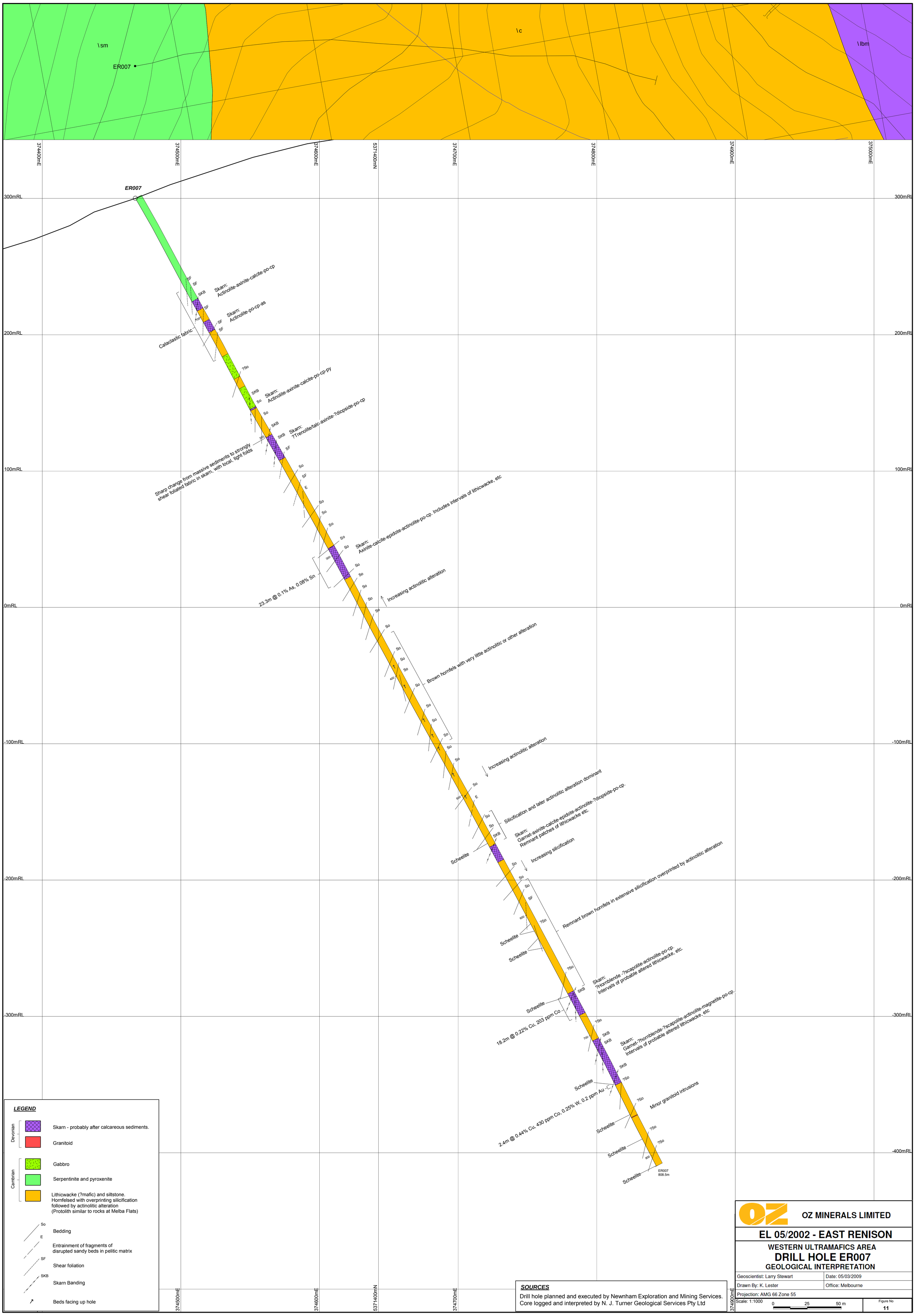
\sm
\c
\lbm
ER007
374400mE
374500mE
374600mE
5371400mN
374700mE
374800mE
374900mE
375000mE
300mRL
200mRL
100mRL
0mRL
-100mRL
-200mRL
-300mRL
-400mRL
ER007
Skarn: Actinolite-axinite-calcite-po-cp
Skarn: Actinolite-po-cp-as
Cataclastic fabric
Skarn: Actinolite-axinite-calcite-po-cp-py
Skarn: ?Tremolite/talc-axinite-?diopside-po-cp
Sharp change from massive sediments to strongly shear foliated fabric in skarn, with local, tight folds
Skarn: Axinite-calcite-epidote-actinolite-po-cp. Includes intervals of lithicwacke, etc
23.3m @ 0.1% As, 0.08% Sn
Increasing actinolitic alteration
Brown hornfels with very little actinolitic or other alteration
Increasing actinolitic alteration
Silicification and later actinolitic alteration dominant
Skarn: Garnet-axinite-calcite-epidote-actinolite-?diopside-po-cp. Remnant patches of lithicwacke etc.
Scheelite
Increasing silicification
Remnant brown hornfels in extensive silicification overprinted by actinolitic alteration
Scheelite
Scheelite
Skarn: ?Hornblende-?scapolite-actinolite-po-cp. Intervals of probable altered lithicwacke, etc.
Scheelite
18.2m @ 0.22% Cu, 203 ppm Co
Skarn: Garnet-?hornblende-?scapolite-actinolite-magnetite-po-cp. Intervals of probable altered lithicwacke, etc
Scheelite
2.4m @ 0.44% Cu, 430 ppm Co, 0.25% W, 0.2 ppm Au
Minor granitoid intrusions
Scheelite
Scheelite
ER007 808.5m
LEGEND
Devonian
Skarn - probably after calcareous sediments.
Granitoid
Cambrian
Gabbro
Serpentinite and pyroxenite
Lithicwacke (?mafic) and siltstone. Hornfelsed with overprinting silicification followed by actinolitic alteration (Protolith similar to rocks at Melba Flats)
Bedding
Entrainment of fragments of disrupted sandy beds in pelitic matrix
Shear foliation
Skarn Banding
Beds facing up hole
SOURCES
Drill hole planned and executed by Newnham Exploration and Mining Services.
Core logged and interpreted by N. J. Turner Geological Services Pty Ltd
OZ MINERALS LIMITED
EL 05/2002 - EAST RENISON
WESTERN ULTRAMAFICS AREA
DRILL HOLE ER007
GEOLOGICAL INTERPRETATION
Geoscientist: Larry Stewart
Date: 05/03/2009
Drawn By: K. Lester
Office: Melbourne
Projection: AMG 66 Zone 55
Scale: 1:1000
0 25 50 m
Figure No
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