

# Superior Resources Limited

ABN 72 112 844 407

**Registered Office:**

Level 2, 87 Wickham Terrace,  
Spring Hill,  
QUEENSLAND, 4000.

**Postal Address:**

PO Box 10288,  
Brisbane Adelaide Street,  
QUEENSLAND, 4000.

**Telephone:** 07 3839 5099

**Facsimile:** 07 3832 5300

**Email:** manager@superiorresources.com.au

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### One Mile Drilling Update Mining Lease No 6750

Superior Resources Limited (ASX Code: SPQ) advises that it is continuing its diamond drilling program at its 100% owned One Mile Mining Lease about 210km west-northwest of Townsville and near Greenvale in northeast Queensland (Figure 1). The program involves the extension of reverse circulation (RC) drillhole precollars by diamond 'tails' through the sulphide zone.

Three holes have so far been extended and a fourth extension is in progress. Detailed geological logging of the drill core is in progress. No assay results are available for the drill core at this stage.



Figure 1. Superior Resources Limited – One Mile mining lease location



Drillhole locations are shown in Table 1 and the sulphide intersections are plotted on the long section in Figure 2.

The drillholes that have been extended are holes SPOM003, SPOM004 and SPOM012. The diamond drillhole extension for hole SPOM010 is currently in progress.

Table 1. ML6750 "One Mile" – Drillhole locations.

Hole Name	North (MGA Zone 55)	East (MGA Zone 55)	RL (m)	Depth (m)	Dip (°)	Azimuth (Magnetic)
SPOM001	7901699.942	262243.402	560.61	156	-60	105
SPOM002	7901638.152	262286.029	560.59	90	-60	105
SPOM003	7901729.245	262109.227	558.09	378.0	-60	105
SPOM004	7901570.557	261962.018	563.57	447.0	-60	105
SPOM005	7901763.051	262253.613	563.22	90	-60	105
SPOMWB01	7901771.595	262257.057	562.16	43	-90	0
SPOM006	7901790.496	262316.215	574.93	96	-90	0
SPOM007	7901528.158	262081.599	561.98	150	-60	105
SPOM008	7902436.446	262569.284	582.75	146	-60	285
SPOM009	7902473.203	262463.696	573.23	102	-60	105
SPOM010	7901593.399	262112.083	558.74	192	-60	105
SPOM011	7901618.045	262201.041	557.12	156	-60	105
SPOM012	7901663.293	262100.371	558.37	278.3	-60	105
SPOM013	7901538.501	262036.821	564.41	180	-60	105
SPOM014	7901613.043	262053.756	560.52	222	-60	105
SPOM015	7901852.858	262196.818	559.95	82	-61	83.5

Hole SPOM003 intersected an alteration zone with a relatively low sulphide content. Holes SPOM004 and SPOM012 intersected appreciable sulphides with semi-massive and disseminated sulphides in hole SPOM004 and massive, semi-massive and disseminated sulphides in hole SPOM012. The sulphides are predominantly pyrite (iron sulphide, FeS<sub>2</sub>) with some chalcopyrite (copper iron sulphide, CuFeS<sub>2</sub>) and sphalerite (zinc sulphide, ZnS).

Photographs of core from hole SPOM004 were included in the September quarterly report.

Photographs of core from hole SPOM012 are shown in Photographs 1, 2 and 3 below. These show massive sulphides from the interval 242.8 to 247.1m. This interval is underlain by semi-massive sulphides to 257m. The coarse-grained nature of the pyrite reflects the high metamorphic grade of the area.

The diamond drilling program is continuing to determine whether the sulphide body continues and thickens at depth and also to determine the copper, zinc and gold grades at depth.



Photographs 1 and 2. – ML6750 “One Mile” - Diamond drill core from the two halves of Tray 9 from hole SPOM012 showing massive sulphides from this hole between 242.8m and 247.1m.



Photograph 3. – ML6750 “One Mile” – Close-up photograph of diamond drill core from hole SPOM012 showing massive sulphides. The coarse-grained sulphides are principally pyrite with some chalcopyrite and sphalerite. Core diameter is 47.6mm.

A handwritten signature in black ink, reading "K. Harvey".

**Ken Harvey**  
Managing Director

**Contact:**

**Mr Ken Harvey**  
**Ph (07) 3839 5099**

**Further Information:**

[www.superiorresources.com.au](http://www.superiorresources.com.au)

*The information in this report that relates to Exploration Results is based on information compiled by Mr Ken Harvey, a full-time employee of the Company, who is a Member of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. Mr Harvey has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Harvey consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.*

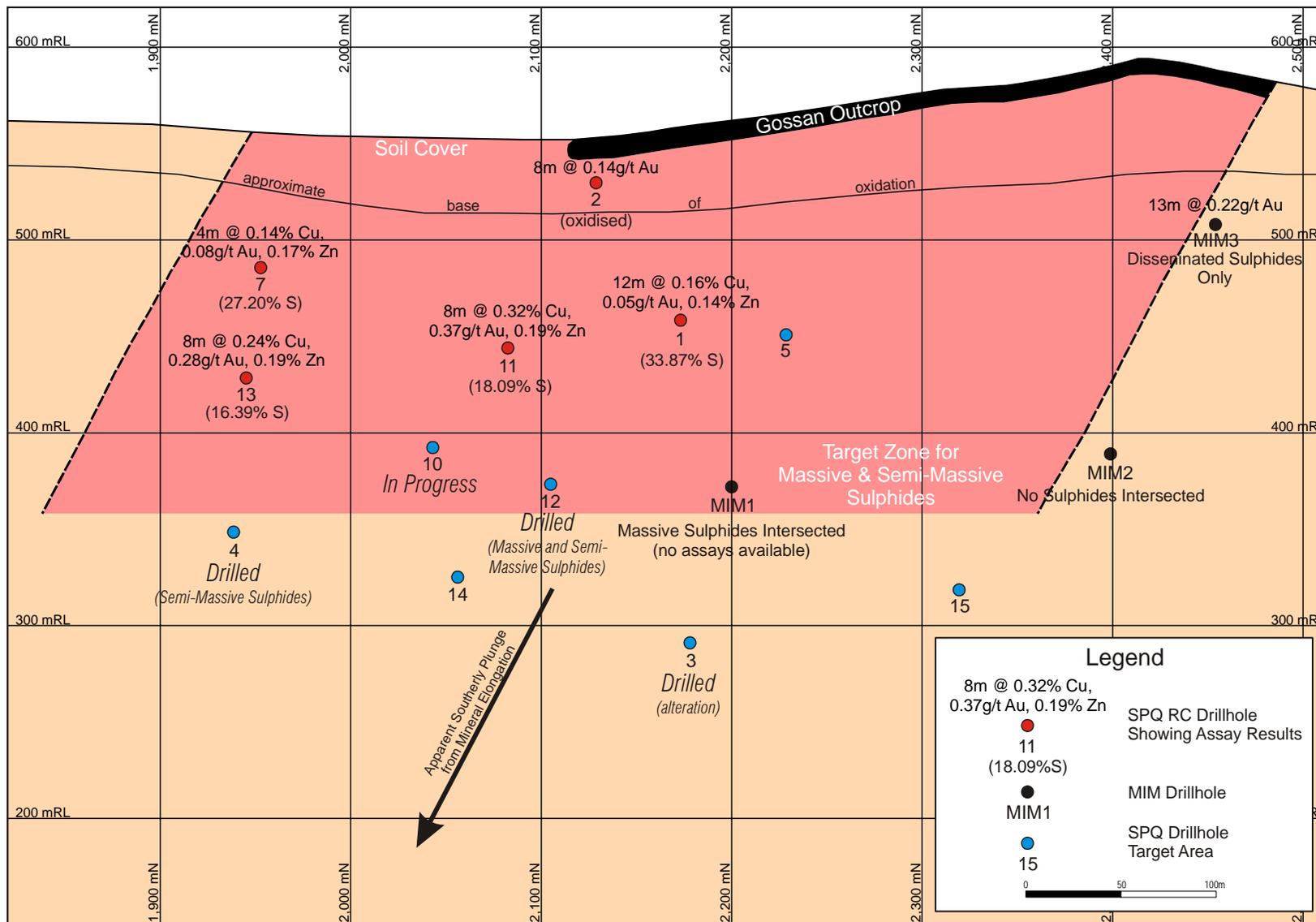


Figure 2. ML6750 "One Mile" – Vertical long section (local grid) through the gossans and the drillhole sulphide intersections showing the drillholes which have intersected the sulphide body to date. An apparent cross-fault between holes 7 and 11 is not shown.