

Anchor Resources Limited

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15th September 2017

EXPLORATION UPDATE

HIGHLIGHTS

- Further fieldwork at Anchor's Walsh River/Aspiring project in Far North Queensland has discovered additional gold-silver epithermal veins in the Fluorspar epithermal camp. Follow up work is planned.
- Additional rock chip sampling at Doolan has demonstrated gold-bearing polymetallic quartz veins have potential to extend over a strike length of greater than 1 km.
- Native Title has been extinguished over a portion of the Gemini project (EL 6388) tenement and, subject to land access arrangements and regulatory approvals, the planned geophysical survey will be carried out later this year.

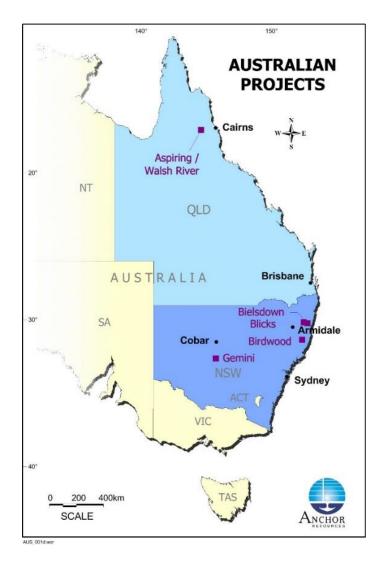


Figure 1: Location of Anchor projects in eastern Australia

Aspiring Project, EPM 19447 and Walsh River Project, EPM 25958 (Anchor 100%) Queensland – gold, silver, copper, lead & zinc

The Aspiring and adjacent Walsh River tenements are located in the Chillagoe mining district, which forms part of the larger Hodgkinson Province in Far North Queensland.

In late 2016 low sulphidation epithermal gold-silver mineralisation was discovered by Anchor at the Fluorspar Group of workings, and granite-related gold-silver-copper-lead mineralisation was verified in a greisen-sulphide alteration zone and a peripheral polymetallic vein at Doolan (see Anchor ASX Quarterly Activity Report dated 21 April 2017).

The Fluorspar Group workings and Doolan greisen-sulphide alteration zone are within EPM 25958 (Walsh River) and located 33 km apart. Part of the Doolan mineral system is interpreted to extend into the adjoining EPM 19447 (Aspiring) tenement. The prospects

are genetically and geochemically different. The location of the Fluorspar and Doolan prospects is shown on Figure 2.

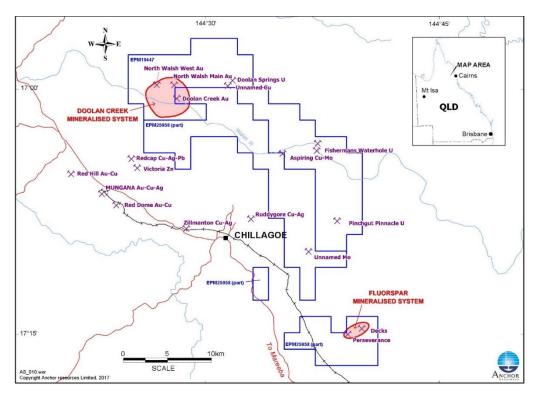


Figure 2: Location of Fluorspar and Doolan prospects

Fluorspar Area

Geological reconnaissance and rock chip sampling continued around the Fluorspar and Doolan prospect areas within EPM 25958 (Walsh River) during the current Quarter with a program of field work completed in July-August 2017.

At Fluorspar, assay results from composite rock chip samples confirmed the discovery of a third quartz vein having epithermal textures and containing anomalous gold values. named Magnificent (after a historic mineral occurrence in the area). The vein system can be traced sporadically over a strike length of 1,100 metres with anomalous gold values >0.1g/t extending over a length of approximately 970 metres (Figure 3). The epithermal textured guartz vein is interpreted to have been emplaced along a structure informally named the Magnificent Fault. The Magnificent Fault strikes 340°N and has a probable sub-vertical dip. The exact width of the fault and epithermal quartz vein at surface cannot be determined with any confidence because of poor outcrop exposure. Rock chip samples collected from sporadic discontinuous sub-crop along the 1,100 metre long zone yielded numerous gold values ranging from to 0.21g/t Au to 0.87g/t Au (average 0.38g/t Au from a total of 14 samples). Silver values range from 0.14g/t Ag to 15.55g/t Ag (average 3.7g/t). Arsenic values are anomalous and range from 18ppm As to 1,920ppm As (average 254ppm As), with a number of samples >100ppm As. Lithium values are anomalous and range from 258ppm Li to 317ppm Li (average 292ppm Li). Base metal values (copper, lead and zinc) are not anomalous.

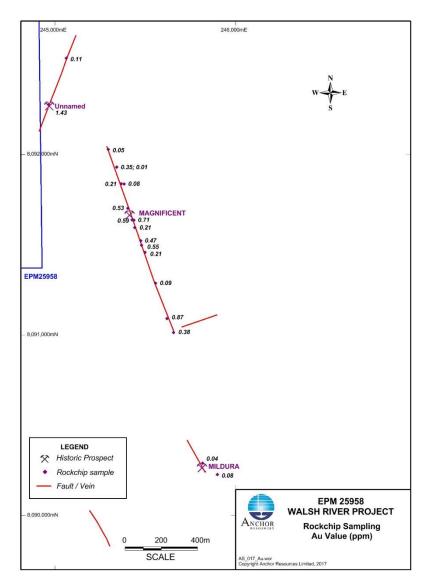


Figure 3: Magnificent epithermal quartz vein rock chip gold geochemistry

Textures in quartz are typical of formation in an epithermal environment and include lattice-bladed (pseudomorphic replacement of coarse carbonate), quartz vuggs lined with euhedral quartz crystals, encrustation, quartz replacing chalcedony, and growth zoning in coarser quartz grains and crystals. Porcelaneous quartz is also present. These textures are interpreted as indicative of the chalcedonic, vapour phase zone at, or near, the top of an epithermal vein system. Conceptually the combination of lattice-bladed and other epithermal quartz textures, anomalous gold, silver and arsenic geochemistry, very low copper, lead and zinc geochemical values, and strongly anomalous lithium values suggest higher grade gold and silver mineralisation could exist at depth where boiling has occurred in the hydrothermal system. Breccia textures with clay filled voids are evident in some epithermal quartz samples.

The epithermal quartz textures and geochemistry along the Magnificent epithermal quartz zone are similar to the Perseverance and Hiker gold anomalous epithermal quartz zones.

The Magnificent Fault is sub-parallel to the Hiker Fault located 3.5 km to the east, and both these interpreted north-northwest trending structures are orthogonal to the main northeast trending regional Perseverance Fault (Figure 4).

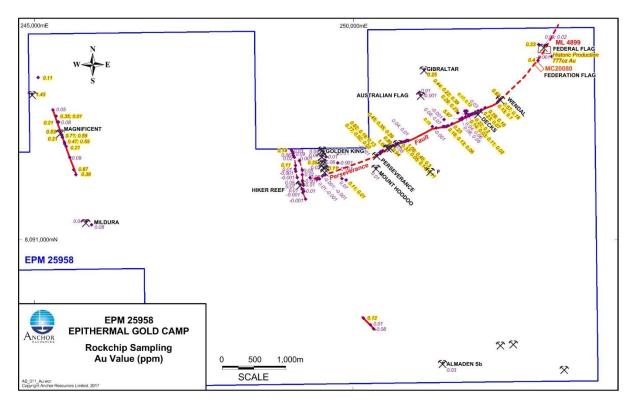


Figure: 4 Fluorspar historic workings rock chip gold geochemistry and major structures including the Perseverance, Hiker and Magnificent Faults

Rock chip samples of vein quartz, invariably displaying a lattice-bladed texture, along the Perseverance Fault yielded low levels of gold (Figure 5) consistently assaying 0.1 Au to 1.0g/t Au, and up to 6.0g/t Au, (average 0.33g/t Au in 65 samples) over a strike length of >2 km. The Perseverance Fault is a northeast trending sub-vertical regional structure reported to be up to 2 metres wide in the old workings. Silver values range from 0.1g/t Ag to 62g/t Ag with numerous values assaying >5g/t Ag (average 5.9g/t Ag in 65 rock chip samples). The quartz is often associated with fluorite in the main epithermal vein and sometimes stibnite in other secondary epithermal veins emplaced along subsidiary sub-parallel structures to the main vein. The Perseverance Fault is interpreted to continue to the northeast and southwest beyond the extent of the current sampling program and is likely to be at least 3 km long.

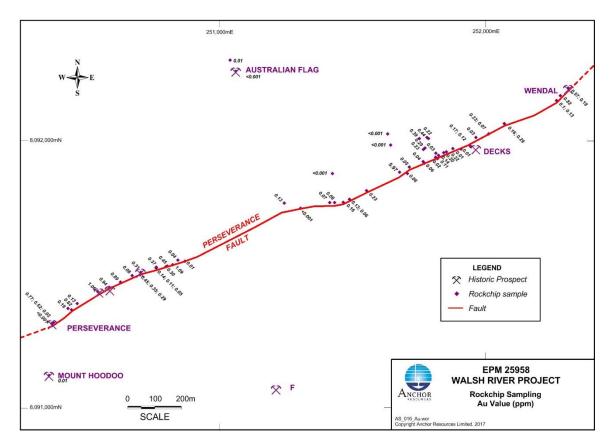


Figure 5: Perseverance epithermal quartz vein rock chip gold geochemistry

In June 2017 follow up reconnaissance work along the possible southwest extension to the Perseverance Lode discovered two, closely spaced, sub-parallel epithermal-style quartz veins 1.5 km southwest of the Perseverance Lode (Figure 6). This vein system, reported as the Hiker Reef, is orthogonal to the regional Perseverance Fault. Sampling of these veins yielded weakly anomalous gold and silver values up to 0.07g/t Au and 3.58g/t Ag from dump material adjacent to a shallow prospecting pit and 0.09g/t Au and 1.01g/t Ag from epithermal textured quartz 1 km to the north-northwest of the prospecting pit. A rock chip sample from the shorter, sub-parallel epithermal quartz vein assayed 0.05g/t Au and 0.86g/t Ag. Although gold values are low, the discovery of epithermal style quartz veins in the broader area suggests epithermal-style quartz samples yielded high lithium values, ranging from 270 ppm to 600 ppm Li, with values consistently anomalous at levels similar to results from the gold-silver anomalous Perseverance Lode reported previously (see ASX announcement dated 6 June 2017).

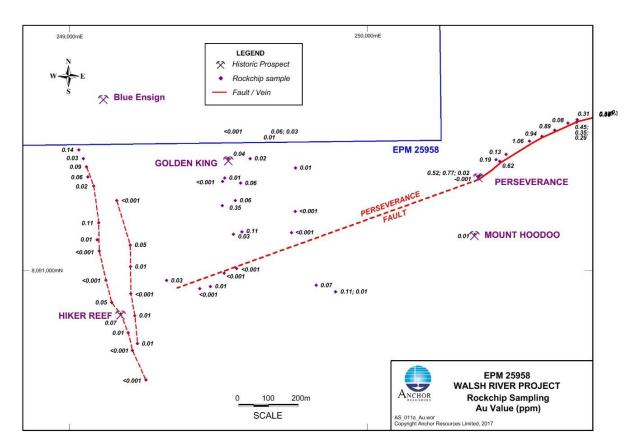


Figure 6: Hiker Reef epithermal quartz vein rock chip gold geochemistry

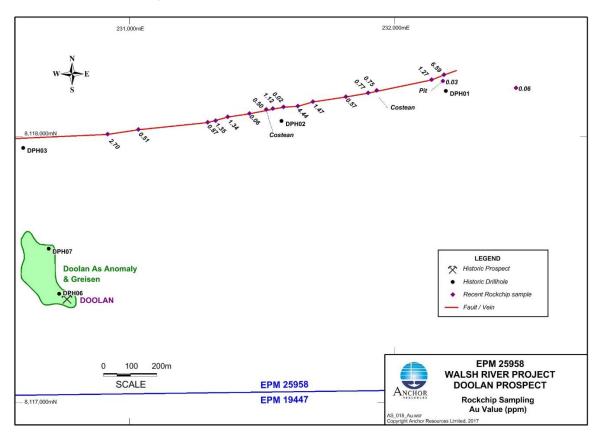
Epithermal quartz textures (lattice-bladed textures) were also identified at the Almaden antimony prospect (see Figure 4) which yielded an antimony value of 2.16% Sb and a gold value of 0.03g/t Au. Another quartz vein displaying epithermal textures was discovered approximately 1 km northwest of the Almaden antimony prospect. An anomalous gold value of 0.12g/t Au is reported from this vein together with an antimony value of 1.06% Sb. Stibnite and fluorite were noted in epithermal quartz vein material during sampling of this vein. Stibnite is coarse grained and abundant at one locality along the vein. The vein strikes 315°N and was traced discontinuously for approximately 230 metres. Vein width and dip could not be determined due to the sub-cropping nature of the quartz vein.

Epithermal-style quartz veining is considerably more widespread than previously known and much of the quartz is anomalous in gold. These results are considered encouraging for further work.

A further field visit incorporating additional geological reconnaissance and rock chip sampling will be carried out during October 2017.

Doolan Area

At Doolan, recent composite rock chip sampling of a scorodite (arsenic) stained quartz vein yielded high values for numerous metals, including gold up to 4.44g/t, silver up to 162g/t (5.2oz/t), copper up to 2.17%, lead up to 4.74%, arsenic up to 4.09%, bismuth up to 776ppm, and antimony up to 0.33% (Figure 7). These assay values are similar to



previously reported numbers (see ASX reports dated 25 January 2017, 20 April 2017, 6 June 2017, and 29 July 2017).

Figure 7: Doolan greisen-sulphide zone and polymetallic quartz vein rock chip gold geochemistry (from current program)

A review of open file company reports confirms the mesothermal quartz vein was partially tested by three widely spaced, shallow open percussion holes in 1984. No further drilling has been reported since this time. A summary of drill results is provided in Table 1.

The quartz vein contains strongly anomalous to ore grade gold-silver-copper-lead-arsenicbismuth-antimony geochemistry in selected composite rock chip samples. This quartz vein is one of numerous gold-bearing polymetallic quartz veins with similar geochemistry to a greisen-sulphide alteration zone central to the vein system. The quartz veins are found within a 2 km radius of the greisen-sulphide alteration zone suggesting the greisensulphide alteration zone and polymetallic veins are part of a larger mineral system. The Doolan greisen and polymetallic quartz vein geochemistry strongly supports a graniterelated metal association and genesis. The greisen-sulphide alteration zone may be linked to a high level, shallowly buried cupola, temporally and genetically related to the intrusion of the late stage Bungabilly Granite, or possibly the nearby, but temporally later, Long Gully Granite. This geological setting is considered to offer potential for the development of a large mineral deposit.

Gemini Project, EL 8398 (Anchor 100%) NSW – gold, silver, copper, lead & zinc

The Gemini project, in central west NSW, is a Cobar-style base metals target. The Blue Mountain prospect is the most advanced prospect in the Gemini project. It is near drill ready with the objective of discovering a Cobar-style copper-lead-zinc deposit. These types of deposits are high metal-bearing mineral systems and viable under a wide range of economic conditions. The next stage of exploration is a geophysical survey over the prospect to better define drill targets within a 2.2 km strong bedrock lead and copper geochemical anomaly.

Anchor has received confirmation that the Department is satisfied that native title has been wholly extinguished over Lot 4034 DP 766507 and Merri Road and, subject to land access arrangements and statutory approvals being completed, exploration on that portion of the tenement will now proceed.

The geophysical survey is now planned to be completed later this year with the aim of identifying sulphide bearing conductors that may indicate priority drill targets for Cobarstyle copper, lead and zinc shoots. Both IP and EM surveys are under consideration with a final decision made following recommendations from the company's consultants.

The planned geophysical survey will cover the recently re-defined strong lead and copper bedrock RAB geochemical anomalies which extend over a strike length of about 2.2 km (Figure 8).

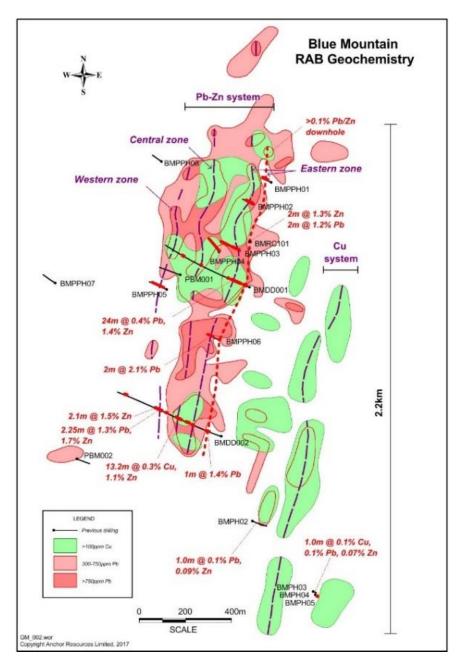


Figure 8: Blue Mountain prospect lead and copper bottom hole RAB geochemistry

Birdwood Project, EL 6459 (Anchor 100%) NSW

Anchor has reviewed the prospectivity of the southern portion of the New England Orogen and concluded that the prospectivity for porphyry copper type systems in this area has been significantly reduced.

Accordingly the Birdwood project's tenement EL 6459 has been relinquished. This will enable Anchor to concentrate on its other more highly rated projects.

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Competent Person Statement

The information relating to the Exploration Results and geological interpretation for the Blicks, Bielsdown, Birdwood, Gemini, Aspiring and Walsh River projects is based on information compiled by Mr Graeme Rabone, MAppSc, FAIG. Mr Rabone is Exploration Manager for Anchor Resources Limited and provides consulting services to Anchor Resources Limited through Graeme Rabone & Associates Pty Ltd. Mr Rabone has sufficient experience relevant to the assessment and of these styles of mineralisation to qualify as a Competent Person as defined by the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code (2012)". Mr Rabone consents to the inclusion of the information in the report in the form and context in which it appears.

Reporting of Exploration Results – EPM 19447 (Aspiring) and EPM 25958 (Walsh River) Project, Queensland

JORC Code, 2012 Edition – Table 1 Report

The following section is provided to ensure compliance with the JORC (2012) requirements for the reporting of Exploration Results for the Aspiring-Walsh River project.

Section 1 - Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
Sampling techniques	• Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.	 Rock chip samples were selected on the basis of lithology and visible mineralisation for standard analysis at a commercial laboratory to identify prospective areas where further work is warranted.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	• Rock chip samples are representative of mineralisation styles and host lithology and collected in a consistent manner at each sample location. Each rock chip sample represents many sub-samples of visually similar material.
	• Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	• Rock chip sampling is useful as a preliminary exploration tool for gold and base metal mineralisation to identify areas of interest for further investigation.
Drilling techniques	 Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	• n/a.
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether 	 n/a. n/a. n/a.
Drill sample recovery (continued)	sample bias may have occurred due to preferential loss/gain of fine/coarse material.	

Criteria	JORC Code Explanation	Commentary
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	• Rock chip samples are routinely qualitatively described by an experienced exploration geologist at the point of sample collection. Rock chip samples of high interest are collected for further petrographic investigation by a consultant.
	• Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	• n/a.
	The total length and percentage of the relevant intersections logged.	• n/a.
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all core taken.	• n/a.
	• If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	• n/a.
	• For all sample types, the nature, quality and appropriateness of the sample preparation technique.	• Rock chip samples are dried, crushed and pulverised in the laboratory prior to sample dissolution for assay.
	• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	• Field QAQC procedures involve the selection of samples representative of rock types in the area.
	 Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. 	• Sampling is considered representative of the style of mineralisation present. No field duplicate rock chip samples have been collected.
	• Whether sample sizes are appropriate to the grain size of the material being sampled.	• Sample size is considered appropriate given the style of mineralisation and previous success in discovering gold mineralisation in bedrock at this region.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	 ALS, Townsville. ALS Geochemistry is a leading full-service provider of analytical geochemistry services to the global mining industry. ALS Geochemistry is accredited to ISO/IEC 17025:2005 and ISO 9001:2001 standards. Procedures for rock chip samples: crush to >70% passing -6mm then approximately 1kg pulverised to 85% passing 75 µm with gold determination on a 30 gram fire assay with ICP-AES finish (ALS Au-AA25 Method), and 48 other elements determined following a four acid "near total" digestion on a sample size of 1 gram with ICP-AES finish (ALS ME-MS61 Method). High grade assay results confirmed using ALS "ore grade" methods, including ALS Methods ME-OG62 for Ag, As, Cu and Pb, and ME-XRF1Sb for Sb.
	• For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and	• n/a.

Criteria	JORC Code Explanation		Commentary
	 model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	•	No company standards or blanks used. ALS run internal QAQC protocols. High grade gold values checked by re-assaying sample pulps using different methods.
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel.	•	Graeme Rabone & Associates Pty Ltd supervised the rock chip sampling program.
	The use of twinned holes.	•	n/a.
	• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	•	Primary data is recorded electronically into a hand held GPS unit and downloaded onto a PC each day. Data back-up is completed on a routine basis.
	Discuss any adjustment to assay data.	•	No adjustments are made to assay data.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	•	Sample points located by GPS with a ±5 meter error.
	Specification of the grid system used.	•	Anchor data is in MGA94 Zone 55.
	Quality and adequacy of topographic control.	•	Coordinate information includes easting, northing and elevation.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	•	Rock chip sampling is focused on old workings and outcrop in the vicinity of the old workings.
	• Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	•	Rock chip sampling is designed to establish the style of mineralisation present in the area and detection of large mineralised systems for potential further work.
	Whether sample compositing has been applied.	•	No sample compositing has been undertaken.
Orientation of data in relation to geological structure	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	•	Rock chip sampling along veins and structures used to determine potential of veins and structures to host mineralisation. Rock chip sampling also focused on hydrothermally altered rocks.
	• If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	•	n/a.
Sample security	The measures taken to ensure sample security.	•	Chain of custody is managed by Anchor staff. Samples are stored in a company vehicle which is locked at night. Samples are then delivered directly by Anchor staff to ALS (Townsville). Samples are submitted to the laboratory using a

Criteria	JORC Code Explanation	Commentary
		standard "ALS Sample Submittal Form".
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audit or review completed.

Section 2 – Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code Explanation	Commentary
Mineral tenement and land tenure status	 Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. 	for Minerals 25958 (Walsh River) are held 100.0% by Sandy Resources Pty Ltd,
	• The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	• Tenement is current and in "good standing".
Exploration done by other parties	Acknowledgement and appraisal of exploration by other parties.	Historic prospecting activities, early mining for fluorspar at the Perseverance Lode, geological mapping by the Queensland Geological Survey, and exploration, including drilling, by Samedan of Australia. No resources were identified. Current tenure explored by Anchor with no other parties involved.
Geology	Deposit type, geological setting and style of mineralisation.	Conceptual low sulphidation epithermal gold-silver and granite-related gold- base metal mineralisation system exploration models.

Criteria	JORC Code Explanation				Com	mentary	,			
Drill hole Information	 A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of 	Previous drilling results completed at Doolan prospect in 1984 under ATP 3645M held by Samedan of Australia and reported in CR 14321.								
		HOLE_ID	E_GDA94 N_GDA94 Z55 Z55			AZI_ MAG	DIP	TOTAL_ DEPTH_M		
	the drill hole collar o dip and azimuth of the hole	DPH01	23219	3 8	3118172	345	-60	90		
	 down hole length and interception depth 	DPH02	23157	3 8	3118059	345	-60	92		
	 hole length. 	DPH03	23060	0 8	8117958	345	-60	68		
		DPH05	230256 8117275		90	-90	50			
		DPH06		230735 8117409		90	-90	100		
		DPH07	23069	6 8	8117578	90	-90	50		
		Hole ID	From	То	Interva			-		
		DPH1	(m) 60	(m) 62	(m) 2	(g/ 0.0)2 20		-	
		DPH2 DPH3	52 40	54 42	2	0.0		020 2500 0 1800		
		DPH6 DPH7	70 44	100 50	30 6	0.2		938 1116 2 1058		
Data aggregation methods	 If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off 	 There is nature. n/a. 	s no exclusi	ion of	informati	on. Rece	ent explo	pration is "gr	ass roots" in	
	 grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. 	• n/a.								
	• The assumptions used for any reporting of metal equivalent values should be clearly stated.	No meta	al equivalent	s used						
	These relationships are particularly important in the reporting of Exploration Results.	Not kno	wn.							

Criteria	JORC Code Explanation	Commentary
Relationship between mineralisation widths and intercept lengths	• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	Geometry of mineralised zones currently not known.
	• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	Down hole length, true width not known.
Diagrams	 Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	Plan of work area shown in current report.
Balanced reporting	 Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	Reporting of exploration results is balanced and comprehensive.
Other substantive exploration data	 Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	 Rock chip sampling used to identify areas of interest in stage 1 exploration. Soil sampling has proved to be a successful technique in locating gold and base metals in bedrock. Geological mapping and structural analysis are used in conjunction with soil geochemical results and are important attributes in selecting potential targets.
Further work	• The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	 Follow up work is planned to determine the prospectivity of the preliminary targets identified. Detailed geological mapping together with rock and soil sampling are planned.
	• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• Insufficient work completed to determine possible mineralisation extensions however Doolan may extend into an area of transported overburden cover to the south. Other areas of interest in the Fluorspar area are subject to ongoing work and extensions to the Perseverance Fault are also subject to ongoing work.