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transmitter loop position for each hole were acquired. Surveys were designed by C. Dauth and S. Mudge (in C. Dauth's absence on leave) of Goldfields Exploration.

Transmitter loop location in the West Coast of Tasmania is difficult at the best of times due to problems associated with steep topography and dense vegetation. Surveys at South Henty are additionally complicated due to the presence of Hydro Scheme Water Dams and high voltage overhead electric cables. Transmitter loop locations were severely hampered due to a water storage dam situated relatively central to all of the drillhole collars. Transmitter loop wire was layed out across the surface (by Goldfields Exploration using floats), and within the dam (Resolute) for position of several of the EM transmitter loops. The location of drillhole collars and all utilised transmitter loop layouts is presented in Plan 1. Transmitter loops have not historically been labelled with a consistent naming system that would facilitate a compilation of all results. To avoid any confusion, and hopefully not create more, transmitter loops have been relabelled from their previous names to a chronological numbering system outlined in Table 1. The new names have been labelled in Plan 1.

Table 1. DHEM transmitter loop nomenclature.

Old Tx Name	Re-named Tx	Holes Logged
East	1	SHD1, SHD2
West	2	SHD1, SHD2
1	3	SHD12
2	4	SHD12
13E	5	SHD13
13W	6	SHD13
1	7	SHD16
3	8	SHD18

Drillhole details indicating hole location, depths drilled and logged, and DHEM transmitter loops utilised are tabulated in Table 2.

Table 2. Drillhole details.

Hole	East (AMG)	North (AMG)	RL	Depth Drilled	Depth logged	Tx Loops	Components
SHD1	381000	5358935	485	779	775	1, 2	UVA
SHD2	380335	5358900	485	665	640	1, 2	UVA
SHD12	380360	5358295	490	643	640	3, 4	UVA
SHD13	381300	5358935	510	1051	1045	5, 6	UVA
SHD16	380612	5359380	495	828	678	7	UVA
SHD18	380180	5359100	495	441	415	8	UVA

DHEM survey specifications are outlined below:

System: CRONE PEM 3 component

Contractor: OUTER RIM Exploration Services

Rx Coil Effective Area: 6500m²

Polarity: +ve up in Tx loop

Ramp: 0.5msec

Channels: 17 for SHD12; 20 for SHD13; and 31 for SHD1, SHD2, SHD16, and SHD18

Time Base: 10 msec for SHD12; and 20 msec for SHD1, SHD2, SHD13, SHD16, and SHD18;

It should be pointed out that the CRONE coordinate definition does not comply with that commonly accepted by the author as defined by the axis of the borehole. The CRONE Z component is more commonly referred to as the A (axial) component positive up the drillhole.