

# Meteorological Tower Configuration

For Red Dog Mine

Preliminary

**Teck**

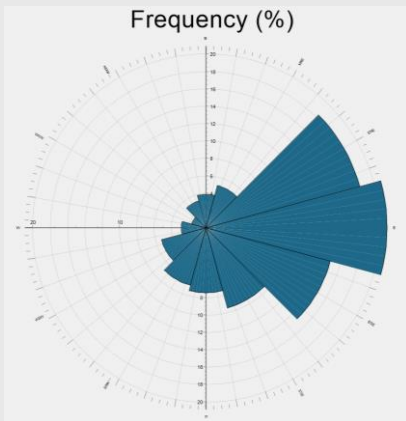
**Tugliq**  
Energy



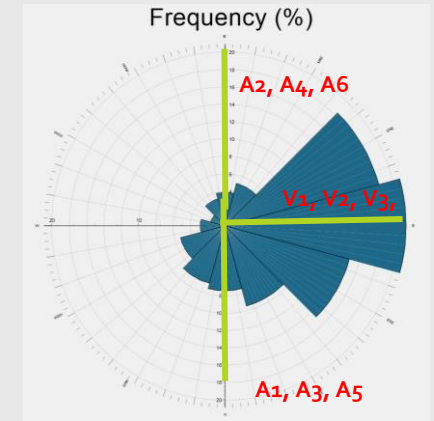
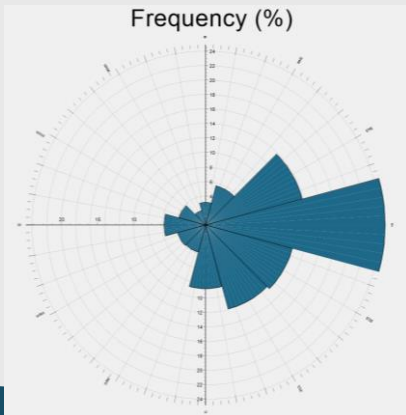
# Schematic of instruments

Vortex data collected at South site (and North site) indicate prevailing wind is coming from the East.

Wind Rose Site North

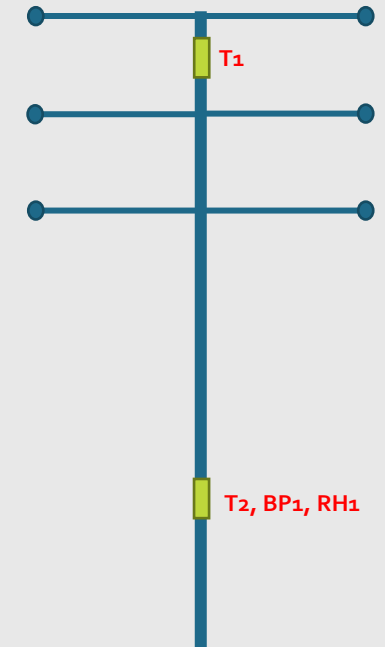


Wind Rose Site South

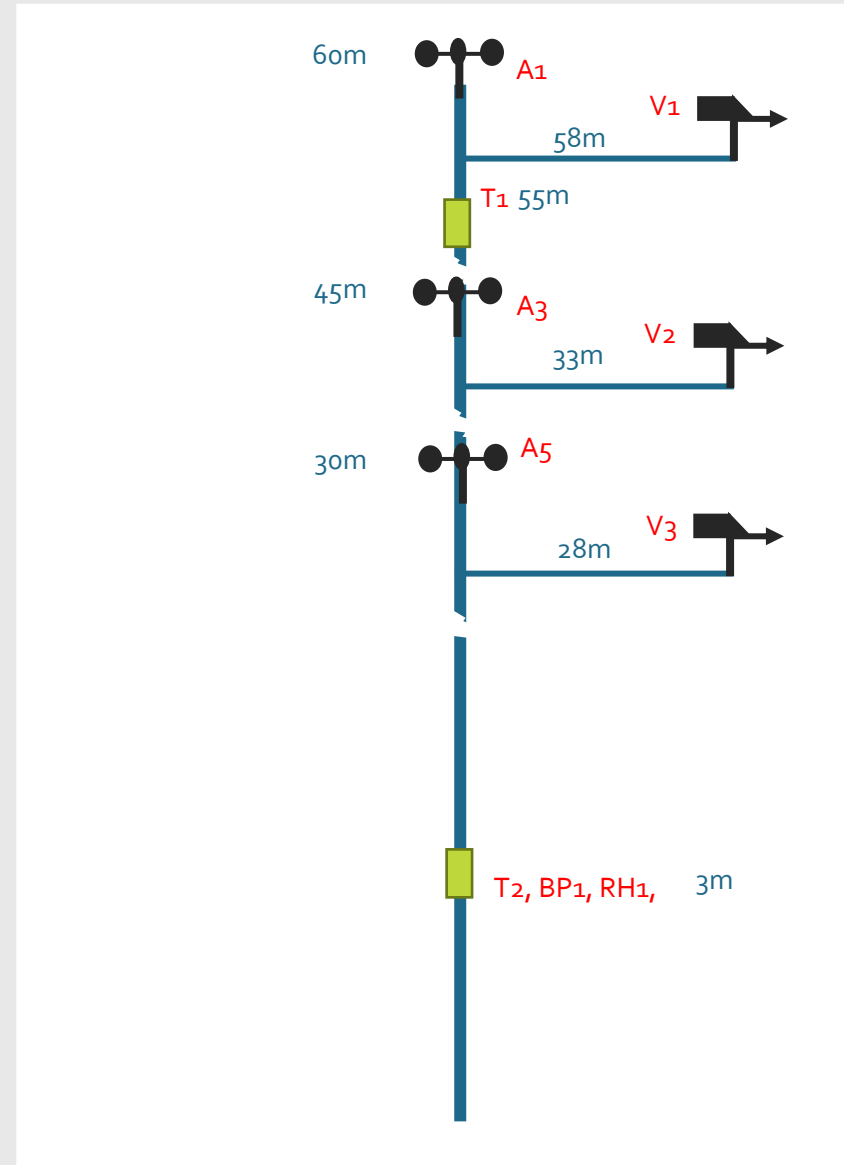
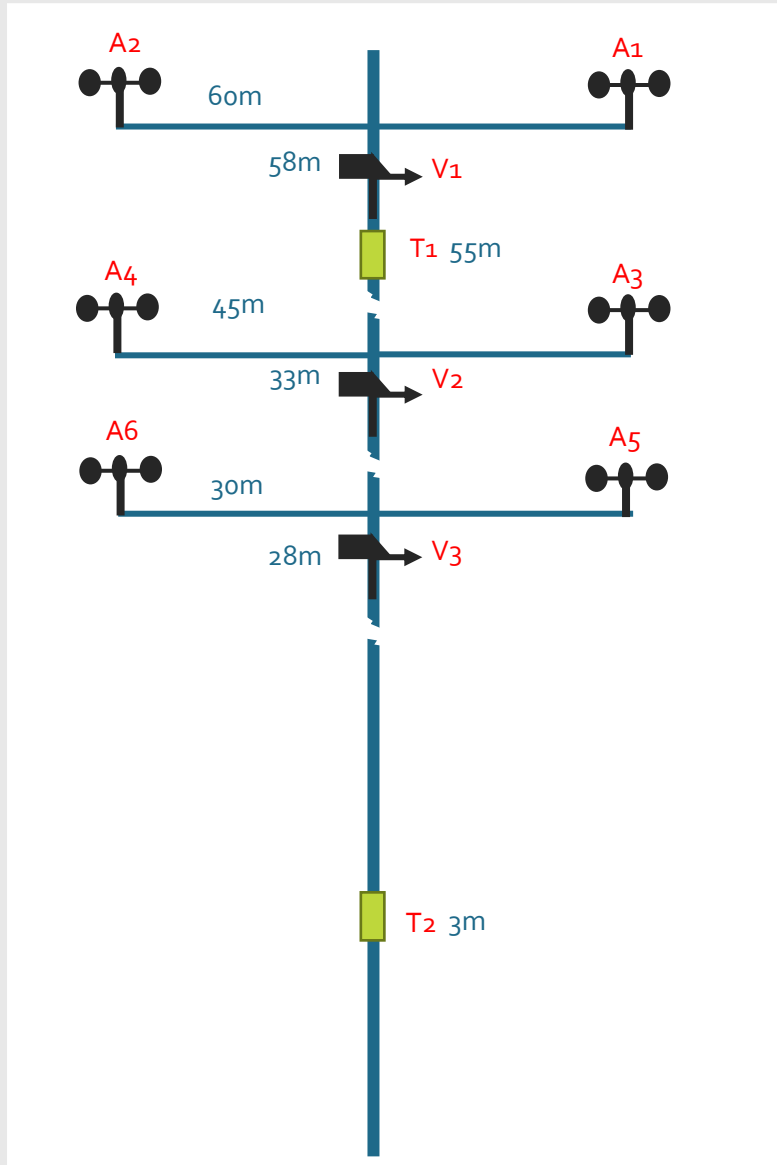


Instruments

Type 1 Anemometer : NRG Thies First Class Advanced					
Type 2 Anemometer : NRG Windsensor P2546-OPR					
Instrument	Name	Height (m)	Boom Length (m)	Orientation (rel to geoN)	Signal Type
NRG Anemometer - Type 1	A1	60	2.4	180°	CN
NRG Anemometer - Type 2	A2	60	2.4	0°	CN
NRG Anemometer - Type 1	A3	45	2.4	180°	CN
NRG Anemometer - Type 2	A4	45	2.4	0°	CN
NRG Anemometer - Type 1	A5	30	2.4	180°	CN
NRG Anemometer - Type 2	A6	30	2.4	0°	CN
NRG 200M Vane	V1	58	2.4	90°	AN
NRG 200M Vane	V2	43	2.4	90°	AN
NRG 200M Vane	V3	28	2.4	90°	AN
NRG T60C	T1	55			AN
NRG T60C, BP60C & RH5X	T2, BP1, RH1	3			AN

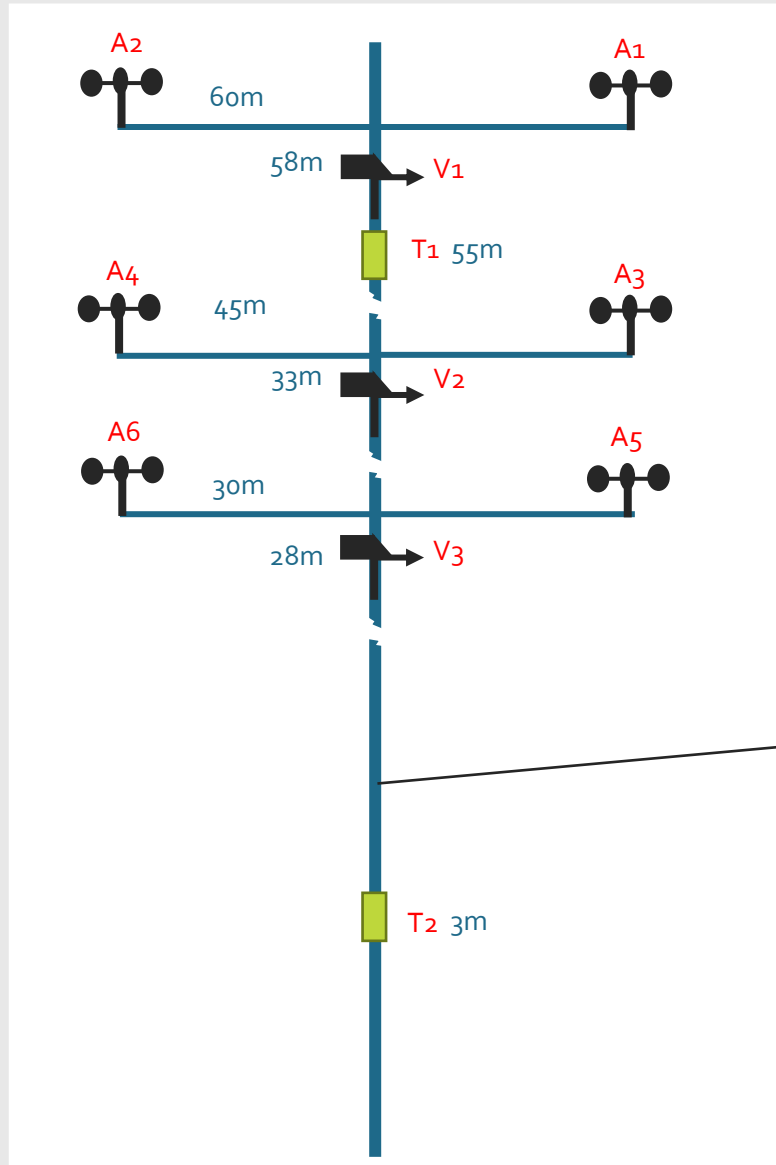


# Schematic of instruments



# Overall dimensions

**Erected Height – H :**  
59.8m (196.2ft)



**Tube (tower) diameter – D :**  
203 mm & 254 mm  
(8 in & 10 in)

# Photos

Photos taken from NRG website

<https://www.nrgsystems.com/products/towers/detail/super-60m-xhd-talltower/>



# Photos

Photos taken past Tugliq Projects

