

DRAWING TITLE
250m Interval Map

PROJECT TITLE
**Longyuan Mulilo De Aar 2
North WEF
132 kV Transmission Line**

SCALE: 1:125 000	DESIGNED
PAPER	DRAWN C Beuster
APPROVAL	CHECKED
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NOTES

1:125 000
Aurecon GIS FILE NAME Document Name: NorthWEF_Pref250m_v1
DRAWING NUMBER XXXXXXXXXXXXXX

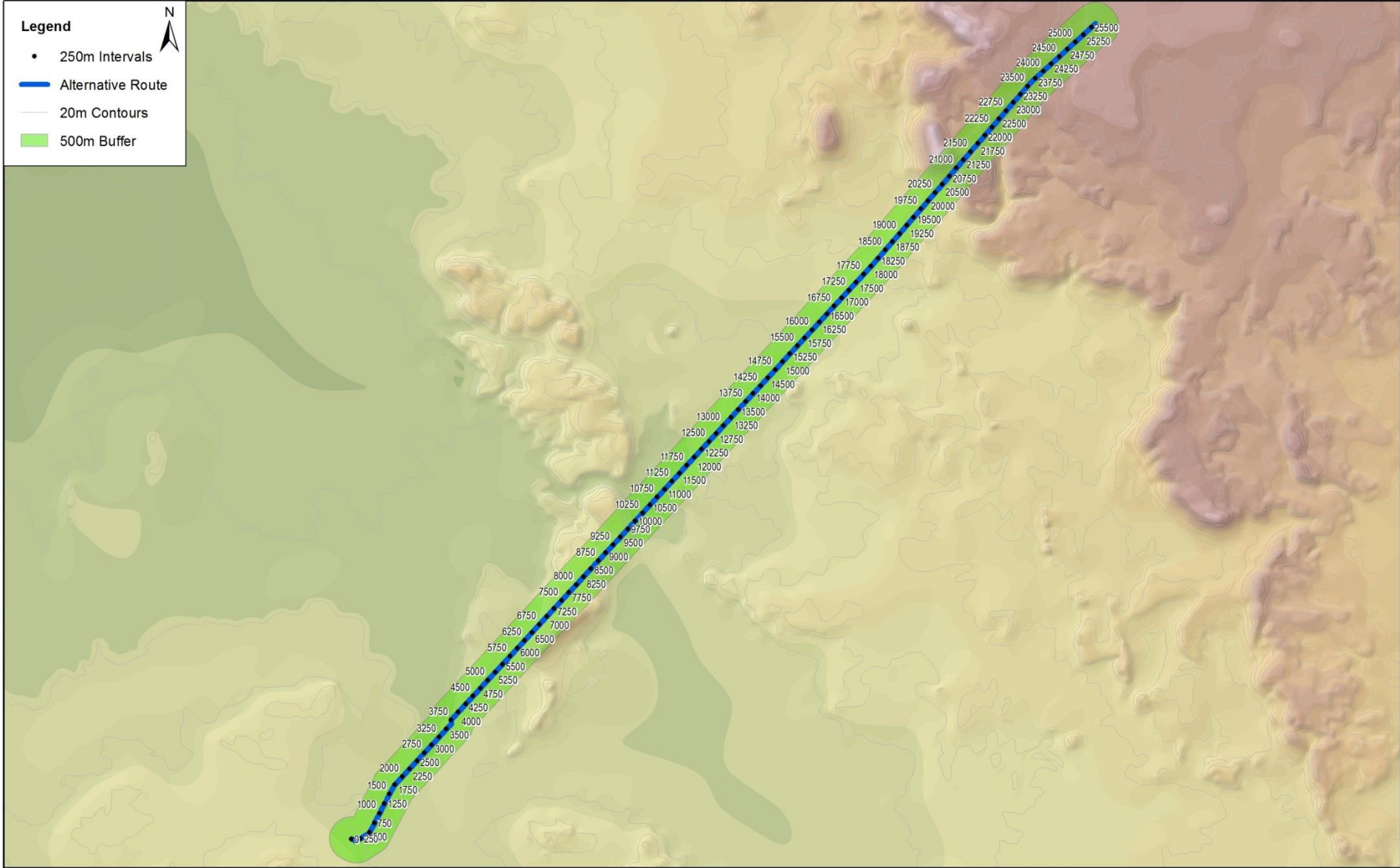
Route Coordinates at 250 m intervals


North WEF Transmission Line - Preferred Route			
Name	Distance (m)	Latitude	Longitude
Hydra Substation	0	24° 5' 32.22" E	30° 42' 58.12" S
North WEF Preferred	250	24° 5' 37.61" E	30° 42' 53.00" S
North WEF Preferred	500	24° 5' 41.78" E	30° 42' 45.73" S
North WEF Preferred	750	24° 5' 45.96" E	30° 42' 38.45" S
North WEF Preferred	1000	24° 5' 50.13" E	30° 42' 31.18" S
North WEF Preferred	1250	24° 5' 54.31" E	30° 42' 23.91" S
North WEF Preferred	1500	24° 5' 59.38" E	30° 42' 17.17" S
North WEF Preferred	1750	24° 6' 5.70" E	30° 42' 11.17" S
North WEF Preferred	2000	24° 6' 12.02" E	30° 42' 5.16" S
North WEF Preferred	2250	24° 6' 18.35" E	30° 41' 59.16" S
North WEF Preferred	2500	24° 6' 24.67" E	30° 41' 53.16" S
North WEF Preferred	2750	24° 6' 30.99" E	30° 41' 47.16" S
North WEF Preferred	3000	24° 6' 37.57" E	30° 41' 41.40" S
North WEF Preferred	3250	24° 6' 45.34" E	30° 41' 36.84" S
North WEF Preferred	3500	24° 6' 53.10" E	30° 41' 32.28" S
North WEF Preferred	3750	24° 7' 0.87" E	30° 41' 27.72" S
North WEF Preferred	4000	24° 7' 8.64" E	30° 41' 23.15" S
North WEF Preferred	4250	24° 7' 16.41" E	30° 41' 18.59" S
North WEF Preferred	4500	24° 7' 24.17" E	30° 41' 14.03" S
North WEF Preferred	4750	24° 7' 31.94" E	30° 41' 9.46" S
North WEF Preferred	5000	24° 7' 39.71" E	30° 41' 4.90" S
North WEF Preferred	5250	24° 7' 47.47" E	30° 41' 0.34" S
North WEF Preferred	5500	24° 7' 55.24" E	30° 40' 55.77" S
North WEF Preferred	5750	24° 8' 3.01" E	30° 40' 51.21" S
North WEF Preferred	6000	24° 8' 10.77" E	30° 40' 46.65" S
North WEF Preferred	6250	24° 8' 18.54" E	30° 40' 42.08" S
North WEF Preferred	6500	24° 8' 26.30" E	30° 40' 37.52" S
North WEF Preferred	6750	24° 8' 34.07" E	30° 40' 32.95" S
North WEF Preferred	7000	24° 8' 41.83" E	30° 40' 28.39" S
North WEF Preferred	7250	24° 8' 49.60" E	30° 40' 23.82" S
North WEF Preferred	7500	24° 8' 57.36" E	30° 40' 19.26" S
North WEF Preferred	7750	24° 9' 5.13" E	30° 40' 14.69" S
North WEF Preferred	8000	24° 9' 12.89" E	30° 40' 10.13" S

North WEF Transmission Line - Preferred Route			
Name	Distance (m)	Latitude	Longitude
North WEF Preferred	8250	24° 9' 20.66" E	30° 40' 5.56" S
North WEF Preferred	8500	24° 9' 28.42" E	30° 40' 1.00" S
North WEF Preferred	8750	24° 9' 36.18" E	30° 39' 56.43" S
North WEF Preferred	9000	24° 9' 43.95" E	30° 39' 51.87" S
North WEF Preferred	9250	24° 9' 51.71" E	30° 39' 47.30" S
North WEF Preferred	9500	24° 9' 59.47" E	30° 39' 42.74" S
North WEF Preferred	9750	24° 10' 7.24" E	30° 39' 38.17" S
North WEF Preferred	10000	24° 10' 15.00" E	30° 39' 33.61" S
North WEF Preferred	10250	24° 10' 22.76" E	30° 39' 29.04" S
North WEF Preferred	10500	24° 10' 30.52" E	30° 39' 24.47" S
North WEF Preferred	10750	24° 10' 38.29" E	30° 39' 19.91" S
North WEF Preferred	11000	24° 10' 46.05" E	30° 39' 15.34" S
North WEF Preferred	11250	24° 10' 53.81" E	30° 39' 10.77" S
North WEF Preferred	11500	24° 11' 1.57" E	30° 39' 6.21" S
North WEF Preferred	11750	24° 11' 9.33" E	30° 39' 1.64" S
North WEF Preferred	12000	24° 11' 17.09" E	30° 38' 57.07" S
North WEF Preferred	12250	24° 11' 24.85" E	30° 38' 52.51" S
North WEF Preferred	12500	24° 11' 32.61" E	30° 38' 47.94" S
North WEF Preferred	12750	24° 11' 38.27" E	30° 38' 42.78" S
North WEF Preferred	13000	24° 11' 35.14" E	30° 38' 35.13" S
North WEF Preferred	13250	24° 11' 32.00" E	30° 38' 27.48" S
North WEF Preferred	13500	24° 11' 28.86" E	30° 38' 19.83" S
North WEF Preferred	13750	24° 11' 25.73" E	30° 38' 12.18" S
North WEF Preferred	14000	24° 11' 22.59" E	30° 38' 4.53" S
North WEF Preferred	14250	24° 11' 19.45" E	30° 37' 56.88" S
North WEF Preferred	14500	24° 11' 16.32" E	30° 37' 49.23" S
North WEF Preferred	14750	24° 11' 13.18" E	30° 37' 41.58" S
North WEF Preferred	15000	24° 11' 10.04" E	30° 37' 33.93" S
North WEF Preferred	15250	24° 11' 8.04" E	30° 37' 26.46" S
North WEF Preferred	15500	24° 11' 14.17" E	30° 37' 20.32" S
North WEF Preferred	15750	24° 11' 20.31" E	30° 37' 14.17" S
North WEF Preferred	16000	24° 11' 26.44" E	30° 37' 8.03" S
North WEF Preferred	16250	24° 11' 32.58" E	30° 37' 1.89" S
North WEF Preferred	16500	24° 11' 38.71" E	30° 36' 55.75" S

North WEF Transmission Line - Preferred Route			
Name	Distance (m)	Latitude	Longitude
North WEF Preferred	16750	24° 11' 44.85" E	30° 36' 49.60" S
North WEF Preferred	17000	24° 11' 50.98" E	30° 36' 43.46" S
North WEF Preferred	17250	24° 11' 57.12" E	30° 36' 37.32" S
North WEF Preferred	17500	24° 12' 3.25" E	30° 36' 31.17" S
North WEF Preferred	17750	24° 12' 9.38" E	30° 36' 25.03" S
North WEF Preferred	18000	24° 12' 15.52" E	30° 36' 18.89" S
North WEF Preferred	18250	24° 12' 21.65" E	30° 36' 12.75" S
North WEF Preferred	18500	24° 12' 27.78" E	30° 36' 6.60" S
North WEF Preferred	18750	24° 12' 33.91" E	30° 36' 0.46" S
North WEF Preferred	19000	24° 12' 40.05" E	30° 35' 54.32" S
North WEF Preferred	19250	24° 12' 46.18" E	30° 35' 48.17" S
North WEF Preferred	19500	24° 12' 52.31" E	30° 35' 42.03" S
North WEF Preferred	19750	24° 12' 58.44" E	30° 35' 35.88" S
North WEF Preferred	20000	24° 13' 4.57" E	30° 35' 29.74" S
North WEF Preferred	20250	24° 13' 10.71" E	30° 35' 23.60" S
North WEF Preferred	20500	24° 13' 16.84" E	30° 35' 17.45" S
North WEF Preferred	20750	24° 13' 22.97" E	30° 35' 11.31" S
North WEF Preferred	21000	24° 13' 29.10" E	30° 35' 5.16" S
North WEF Preferred	21250	24° 13' 35.23" E	30° 34' 59.02" S
North WEF Preferred	21500	24° 13' 41.36" E	30° 34' 52.88" S
North WEF Preferred	21750	24° 13' 47.49" E	30° 34' 46.73" S
North WEF Preferred	22000	24° 13' 53.62" E	30° 34' 40.59" S
North WEF Preferred	22250	24° 13' 59.75" E	30° 34' 34.44" S
North WEF Preferred	22500	24° 14' 5.88" E	30° 34' 28.30" S
North WEF Preferred	22750	24° 14' 12.01" E	30° 34' 22.15" S
North WEF Preferred	23000	24° 14' 18.14" E	30° 34' 16.01" S
North WEF Preferred	23250	24° 14' 24.26" E	30° 34' 9.87" S
North WEF Preferred	23500	24° 14' 30.39" E	30° 34' 3.72" S
North WEF Preferred	23750	24° 14' 36.52" E	30° 33' 57.58" S
North WEF Preferred	24000	24° 14' 42.65" E	30° 33' 51.43" S
North WEF Preferred	24250	24° 14' 48.78" E	30° 33' 45.29" S
North WEF Preferred	24500	24° 14' 54.90" E	30° 33' 39.14" S
North WEF Preferred	24750	24° 15' 1.03" E	30° 33' 33.00" S
North WEF Preferred	25000	24° 15' 7.16" E	30° 33' 26.85" S

North WEF Transmission Line - Preferred Route			
Name	Distance (m)	Latitude	Longitude
North WEF Preferred	25250	24° 15' 13.45" E	30° 33' 20.84" S
North WEF Preferred	25500	24° 15' 20.33" E	30° 33' 15.32" S
North WEF Preferred	25750	24° 15' 27.20" E	30° 33' 9.80" S
North WEF Preferred	26000	24° 15' 34.08" E	30° 33' 4.28" S
North WEF Preferred	26250	24° 15' 40.95" E	30° 32' 58.76" S
North WEF Preferred	26500	24° 15' 47.82" E	30° 32' 53.24" S
North WEF Preferred	26750	24° 15' 54.70" E	30° 32' 47.71" S
North substation	27000	24° 16' 1.57" E	30° 32' 42.19" S



 www.aurecongroup.com	DRAWING TITLE	PROJECT TITLE	SCALE:	DESIGNED	NOTES	1:115 000	1:115 000
	250m Interval Map	Longyuan Mulilo De Aar 2 North WEF 132 kV Transmission Line	PAPER	DRAWN		Aurecon GIS FILE NAME	Aurecon GIS FILE NAME
				C Beuster		Document Name: NorthWEF_Alt250m	
			APPROVAL	CHECKED		DRAWING NUMBER	XXXXXXXXXXXXXXXX

Route Coordinates at 250 m intervals

North WEF Transmission Line - Alternative Route			
Name	Distance (m)	Latitude	Longitude
Hydra Substation	0	24° 5' 30.57" E	30° 42' 53.60" S
North WEF Alternative	250	24° 5' 38.67" E	30° 42' 53.25" S
North WEF Alternative	500	24° 5' 46.31" E	30° 42' 48.62" S
North WEF Alternative	750	24° 5' 50.56" E	30° 42' 41.38" S
North WEF Alternative	1000	24° 5' 54.80" E	30° 42' 34.13" S
North WEF Alternative	1250	24° 5' 59.05" E	30° 42' 26.89" S
North WEF Alternative	1500	24° 6' 3.29" E	30° 42' 19.65" S
North WEF Alternative	1750	24° 6' 7.98" E	30° 42' 12.68" S
North WEF Alternative	2000	24° 6' 14.29" E	30° 42' 6.67" S
North WEF Alternative	2250	24° 6' 20.61" E	30° 42' 0.66" S
North WEF Alternative	2500	24° 6' 26.92" E	30° 41' 54.64" S
North WEF Alternative	2750	24° 6' 33.23" E	30° 41' 48.63" S
North WEF Alternative	3000	24° 6' 39.54" E	30° 41' 42.62" S
North WEF Alternative	3250	24° 6' 45.86" E	30° 41' 36.61" S
North WEF Alternative	3500	24° 6' 52.17" E	30° 41' 30.60" S
North WEF Alternative	3750	24° 6' 56.05" E	30° 41' 23.81" S
North WEF Alternative	4000	24° 7' 2.29" E	30° 41' 17.78" S
North WEF Alternative	4250	24° 7' 8.61" E	30° 41' 11.77" S
North WEF Alternative	4500	24° 7' 14.92" E	30° 41' 5.76" S
North WEF Alternative	4750	24° 7' 21.23" E	30° 40' 59.75" S
North WEF Alternative	5000	24° 7' 27.54" E	30° 40' 53.74" S
North WEF Alternative	5250	24° 7' 33.85" E	30° 40' 47.73" S
North WEF Alternative	5500	24° 7' 40.16" E	30° 40' 41.72" S
North WEF Alternative	5750	24° 7' 46.47" E	30° 40' 35.70" S
North WEF Alternative	6000	24° 7' 52.78" E	30° 40' 29.69" S
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North WEF Alternative	6500	24° 8' 5.40" E	30° 40' 17.67" S
North WEF Alternative	6750	24° 8' 11.71" E	30° 40' 11.66" S
North WEF Alternative	7000	24° 8' 18.02" E	30° 40' 5.65" S
North WEF Alternative	7250	24° 8' 24.33" E	30° 39' 59.63" S
North WEF Alternative	7500	24° 8' 30.64" E	30° 39' 53.62" S
North WEF Alternative	7750	24° 8' 36.94" E	30° 39' 47.61" S
North WEF Alternative	8000	24° 8' 43.25" E	30° 39' 41.60" S

North WEF Transmission Line - Alternative Route			
Name	Distance (m)	Latitude	Longitude
North WEF Alternative	8250	24° 8' 49.56" E	30° 39' 35.59" S
North WEF Alternative	8500	24° 8' 55.87" E	30° 39' 29.57" S
North WEF Alternative	8750	24° 9' 2.18" E	30° 39' 23.56" S
North WEF Alternative	9000	24° 9' 8.48" E	30° 39' 17.55" S
North WEF Alternative	9250	24° 9' 14.79" E	30° 39' 11.54" S
North WEF Alternative	9500	24° 9' 21.10" E	30° 39' 5.52" S
North WEF Alternative	9750	24° 9' 27.40" E	30° 38' 59.51" S
North WEF Alternative	10000	24° 9' 33.71" E	30° 38' 53.50" S
North WEF Alternative	10250	24° 9' 40.02" E	30° 38' 47.49" S
North WEF Alternative	10500	24° 9' 46.32" E	30° 38' 41.47" S
North WEF Alternative	10750	24° 9' 52.63" E	30° 38' 35.46" S
North WEF Alternative	11000	24° 9' 58.93" E	30° 38' 29.45" S
North WEF Alternative	11250	24° 10' 5.24" E	30° 38' 23.43" S
North WEF Alternative	11500	24° 10' 11.54" E	30° 38' 17.42" S
North WEF Alternative	11750	24° 10' 17.85" E	30° 38' 11.41" S
North WEF Alternative	12000	24° 10' 24.15" E	30° 38' 5.39" S
North WEF Alternative	12250	24° 10' 30.46" E	30° 37' 59.38" S
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North WEF Alternative	13500	24° 11' 1.98" E	30° 37' 29.31" S
North WEF Alternative	13750	24° 11' 8.28" E	30° 37' 23.30" S
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North WEF Alternative	15250	24° 11' 46.10" E	30° 36' 47.21" S
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North WEF Alternative	15750	24° 11' 58.70" E	30° 36' 35.18" S
North WEF Alternative	16000	24° 12' 5.00" E	30° 36' 29.17" S
North WEF Alternative	16250	24° 12' 11.30" E	30° 36' 23.15" S
North WEF Alternative	16500	24° 12' 17.60" E	30° 36' 17.14" S

North WEF Transmission Line - Alternative Route			
Name	Distance (m)	Latitude	Longitude
North WEF Alternative	16750	24° 12' 23.90" E	30° 36' 11.12" S
North WEF Alternative	17000	24° 12' 30.20" E	30° 36' 5.11" S
North WEF Alternative	17250	24° 12' 36.50" E	30° 35' 59.09" S
North WEF Alternative	17500	24° 12' 42.80" E	30° 35' 53.08" S
North WEF Alternative	17750	24° 12' 49.10" E	30° 35' 47.06" S
North WEF Alternative	18000	24° 12' 55.40" E	30° 35' 41.05" S
North WEF Alternative	18250	24° 13' 1.55" E	30° 35' 34.92" S
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North WEF Alternative	18750	24° 13' 13.69" E	30° 35' 22.54" S
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North WEF Alternative	19250	24° 13' 25.84" E	30° 35' 10.17" S
North WEF Alternative	19500	24° 13' 31.91" E	30° 35' 3.98" S
North WEF Alternative	19750	24° 13' 37.99" E	30° 34' 57.80" S
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North WEF Alternative	20250	24° 13' 50.13" E	30° 34' 45.42" S
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North WEF Alternative	21750	24° 14' 26.56" E	30° 34' 8.30" S
North WEF Alternative	22000	24° 14' 32.64" E	30° 34' 2.11" S
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North WEF Alternative	23500	24° 15' 9.06" E	30° 33' 24.99" S
North WEF Alternative	23750	24° 15' 15.59" E	30° 33' 19.18" S
North WEF Alternative	24000	24° 15' 22.45" E	30° 33' 13.65" S
North WEF Alternative	24250	24° 15' 29.32" E	30° 33' 8.12" S
North WEF Alternative	24500	24° 15' 36.18" E	30° 33' 2.59" S
North WEF Alternative	24750	24° 15' 43.04" E	30° 32' 57.05" S
North WEF Alternative	25000	24° 15' 49.90" E	30° 32' 51.52" S

North WEF Transmission Line - Alternative Route			
Name	Distance (m)	Latitude	Longitude
North WEF Alternative	25250	24° 15' 56.76" E	30° 32' 45.99" S
North Substation	25500	24° 16' 3.62" E	30° 32' 40.45" S