

Appendix A
Performance Criteria Rating

Performance Criteria Rating

Environment Criteria Rating

Mapped Condition					
	Highly Suitable	Absence of Constraints	Moderately Constrained	Highly Constrained	Fatal Flaw
Remnant Vegetation (EPA) Includes Certified Amendments.	Cleared	Non- Remnant Vegetation Regrowth	Not of concern Regional Ecosystems	Ecosystems classified as Of Concern (Dominant & Sub-dominant)	Ecosystems classified as Endangered (Dominant & Sub-dominant)
Queensland Wetland Data (EPA) This data set was used to accurately delineate the boundary of the wetland, which is registered on the Directory of Important Wetlands.		Not a Coastal Wetland Resource	30m buffer around any wetland		Palustrine, Riparian, Lacustrine, Estuarine, and Marine wetlands
Wetland Mapping and Classification for Wide Bay		Not a significant wetland	30m buffer around any wetland		Significant coastal wetland; Areas containing sig. Coastal wetlands REs 51-80%; Areas containing sig. Coastal wetlands REs 1-50%;
Essential Habitat		Not present		Present	

Physical Criteria Rating

Mapped Condition					
	Highly Suitable	Absence of Constraints	Moderately Constrained	Highly Constrained	Fatal Flaw
Potential Acid Sulfate Soils		No acid sulfate soils	At risk from potential acid-sulphate soils at depths > 1.5m	At risk from potential acid-sulphate soils at depths < 1.5m Marine Wetlands - At risk from potential acid-sulphate soils at depths < 1.5m Possibly at risk from potential acid-sulphate soils at depths < 1.5m	
Percentage Slope (NRW) Derived from the Digital Elevation Model (DEM).		Areas with a slope of 0 – 5%	Areas with a slope of 5 – 10%	Areas with a slope of 10 to 15 %	Areas with a slope greater than 15 %
Ground Water Bore Hole Locations		<10 bores/Km2	10 to 35 bores/km2	>35 bores/Km2	
Flood Inundation Levels		Flood prone but less than 0.5m. Non Flood Prone Area	Less than 1m and greater than 0.5m	Greater than 1 and less than 3m	Q100 Flood prone area. Flood depth greater than 3m.
Estuaries and Water Bodies		No surface water	Water bodies 1-400 metres in area	Water bodies >400 metres in area	
Soil Types		"Mapcode" = Ag, Gv, GvRp, Ko, KoRv, Ra, RaSv, Sw, Sw-Ra, SW-Tg, Sw-Wi, Tg, Tr, TrPv, Wg, Wi	"Mapcode" = Al, Al-Cl, AlRp, Av, AvRp, Br, Ca, Cl, Ff, Ff-Qr, FfGv, Gb, GbMv, Gi, Gs, Is, IsRp, Kh, Kh-Kp, Kl, Kn, Kn-Rb, Kp, KpGv, Md, MdGv, MdRp, Mh, Mh-Al, Nv, Ok, Ot, Ot-OtSv, OtSv, Qr, Qr-Ff, Rb, Rb-Kn, Rt, Th, ThSp, Tp, TpRp, Wf, Wm, Wm-Kn, WmSp, Wo, Wr, Wt, WtMv, WtRp	"Mapcode" = Ab, Ab-WI, AbRv, bb, BbBn, Bg-Gh, Bi, Bn, Bn-Bb, Bn-Fs, Bn-Gh, Bo,By, Cg, Cv, Cv-Fd, Fd, Fm, Fs, Fs-Ah, Fs-Gh, Gh, Gh-Fs, Hk,Lt, M, Ml, Mp, O,Pp, Pp-Lt, PpSv, Qb, Sm, SmAv, SmGv, Sv,Tt, WI, WIEp, Wy	"Mapcode" = Q, U, W
Salinity Hazard			Other values	High salinity	
Extractive Resource Areas		No extractive industry	KRA separation zones	Extractive industry present	
Mining Tenure		No mining tenure		Mining Lease, Petroleum Pipeline Licenses, restricted areas, Exploration Permit Coal	

Social Criteria Rating

Mapped Condition	Highly Suitable	Absence of Constraints	Moderately Constrained	Highly Constrained	Fatal Flaw
Lot Boundaries		Within 10m of property boundary		All other areas	
Land Tenure	Easements, Rail Yards	All other areas	Freehold	Reserves	National Park
Lot Size		>10000 sq metres	1000-10000 sq metres	1-1000 sq metres	
Good Quality Agricultural Land		All other areas	Class B	Class A	
Local Area Plan - Zoning		Rural All other values	Business Zone Community Zone Industrial Zone Rural B	Hinterland Residential (Buffered to 50m) Large Lot Precinct (Buffered to 50m) Medium Density Residential Precinct (Buffered to 50m) Urban Residential Zone (Buffered to 50m)	

Infrastructure Criteria Rating

Mapped Condition	Highly Suitable	Absence of Constraints	Moderately Constrained	Highly Constrained	Fatal Flaw
Transport Infrastructure	Non-Urban Road Easements - buffered to 50 metres Qld Rail easement - buffered to 200m	All other areas			
High Voltage Power Lines	Powerlines buffered to 250 metres	All other Areas			
Gas Pipelines		All other areas		Gas Pipeline	

Appendix B
Corridor Analysis Criteria Weighting

Corridor Analysis Criteria Weighting

Subcategory	Theme	Remnant Vegetation	Wetlands	Essential Habitat	Slope/elevation	Groundwater	Flooding	Estuaries and water regions (lakes, rivers, creeks etc)	Potential Acid Sulfate Soil Areas	Salinity	Soil type	Extractive Resource Areas	Mining Tenure	Property Boundaries and Tenure (DCDB)	Zoning	Lot Size	Good Quality Ag Land	Infrastructure	Gas and high voltage powerlines	Count	%
Vegetation	Remnant Vegetation	E1	E2	E3	P1	P2	P3	P4	P5	P6	P7	P8	P9	S1	S2	S3	S4	B1	B2	12	7.84%
Wetlands	Wetlands	E2	E2	E3	E2	E2	P3	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	15	9.80%
Fauna	Essential Habitat	E3	E3	E3	E3	E3	P3	E3	E3	E3	E3	E3	E3	E3	E3	E3	E3	E3	E3	16	10.46%
Terrain	Slope/elevation	P1	E2	E3	E3	P1	P3	P4	P1	P1	P1	P1	P9	P1	S2	P1	S4	B1	B2	7	4.58%
Terrain	Groundwater	P2	E2	E3	P1	P1	P3	P4	P5	P6	P2	P8	P9	S1	S2	S3	S4	B1	B2	2	1.31%
Terrain	Flooding	P3	P3	P3	P3	P3	P3	P4	P3	P3	P3	P8	P9	P3	P3	P3	P3	P3	B2	13	8.50%
Terrain	Estuaries and water regions (lakes, rivers, creeks etc)	P4	E2	E3	P4	P4	P4	P4	P4	P4	P4	P8	P9	P4	P4	P4	P4	P4	B2	12	7.84%
Soil	Potential Acid Sulfate Soil Areas	P5	E1	E2	E3	P5	P3	P4	P5	P5	P5	P8	P9	S1	S2	S3	S4	P5	B2	4	2.61%
Soil	Salinity	P6	E1	E3	P1	P6	P3	P4	P5	P6	P6	P8	P9	S1	S2	S3	S4	P6	B2	3	1.96%
Soil	Soil type	P7	E1	E3	P1	P2	P3	P4	P5	P6	P7	P7	P7	S1	P7	S3	S4	P7	B2	4	2.61%
Mining	Extractive Resource Areas	P8	E1	E3	P1	P8	P8	P8	P8	P8	P7	P9	P9	P8	P8	P8	P8	P8	B2	10	6.54%
Mining	Mining Tenure	P9	E1	E3	P9	P9	P9	P9	P9	P9	P7	P9	P9	P9	P9	P9	P9	P9	B2	12	7.84%
Habitat and Tenure	Property Boundaries and Tenure (DCDB)	S1	E1	E3	P1	S1	P3	P4	S1	S1	S1	P8	P9	P9	S1	S1	S1	S1	B2	8	5.23%
Habitat and Tenure	Zoning	S2	E1	E3	S2	S2	P3	P4	S2	S2	P7	P8	P9	S1	S2	S2	S2	S2	B2	7	4.58%
Habitat and Tenure	Lot Size	S3	E1	E3	P1	S3	P3	P4	S3	S3	S3	P8	P9	S1	S2	S3	S3	S3	B2	6	3.92%
Habitat and Tenure	Good Quality Ag Land	S4	E1	E3	S4	S4	P3	P4	S4	S4	S4	P8	P9	S1	S2	S3	S4	S4	B2	6	3.92%
Transport	Infrastructure	B1	E1	E3	B1	B1	P3	P4	P5	P6	P7	P8	P9	S1	S2	S3	S4	S4	B2	2	1.31%
Utilities	Gas and high voltage powerlines	B2	E1	E3	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2	B2	14	9.15%