

G2

Historical aerial photography summary

Appendix G2 – Historical Aerial Photography Summary

Aerial Photograph Reference	Observations		
	Northern Section (Armstrong Beach Road to Top of Project Area)	Central Section (Armstrong Beach Road to Elizabeth Creek)	Southern Section (Elizabeth Creek to Base of Project)
<p>Photo Title: 8755 Sarina 60 Program Aerial Photography Film Number: QAP1047 Frame Number: 65 Run Number: 6 Storage: 16-7 Scale: 1:23900 Negative: Black and white Flying Height: 12000ft Datum Height: 0ft Date of Flying: 01/09/1960</p>	<ul style="list-style-type: none"> • Thinning of vegetation • Intensive sugar cane farming and agricultural clearing at the site of the train line • Dense riparian vegetation along Plane Creek • Dense remnant vegetation surrounding North Coast Line 	<ul style="list-style-type: none"> • Sugar cane farming is present to the east of the site • An access road running east-west and another running north-south • Agriculture and sugar cane on the western side of rail track and the rail yard 	<ul style="list-style-type: none"> • Dense remnant vegetation is present • Sugar cane clearing on eastern side of site • Riparian vegetation along Willy Creek
<p>Photo Title: 8755 Sarina 68 Program Aerial Photography Film Number: QAP1870 Frame Number: 149 Run Number: 6 Storage: 36-2 Scale: 1:24000 Negative: Black and white Flying Height: 12000ft Datum Height: 0ft Date of Flying: 01/08/1968</p>	<ul style="list-style-type: none"> • Dense vegetation is present to the north of the project area • Vegetation is interspersed with grazing land 	<ul style="list-style-type: none"> • Grazing on western and eastern sides of rail line • Dense remnant vegetation • Extensive clearing for agriculture is present 	<ul style="list-style-type: none"> • Selective clearing of trees • Dense vegetation along riparian zone of Willy Creek • Clearing on western side of site for agriculture

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	Northern Section (Armstrong Beach Road to Top of Project Area)	Central Section (Armstrong Beach Road to Elizabeth Creek)	Southern Section (Elizabeth Creek to Base of Project)
<p>Photo Title: 8755 Mackay 76 Program Aerial Photography Film Number: QAP2749 Frame Number: 5577 Run Number: 13 Storage: 16-6 Scale: 1:25000 Negative: Black and white Flying Height: 4400m Datum Height: 600m Date of Flying: 01/06/1976</p>	<ul style="list-style-type: none"> • Western side, between rail line and Plane Creek is agriculture • Newly cleared land for agriculture and sugar cane farming to the east of rail line • Small section of cleared land to the west of the line, between track and Plane Creek • An access road running east-west over the rail line and Smyths Road which is adjacent to the eastern side of the track in a north-south direction • Riparian vegetation is present along Plane Creek • Dense vegetation to the west of the track, bordered by sugar cane land • Farm houses to the east of the rail track, north of Armstrong Beach Road • Intensive agriculture on eastern side of track 	<ul style="list-style-type: none"> • Dense vegetation to the north-west of the rail yard and sparse vegetation to the north-east • Some remnant vegetation to the east and south-east of the rail yard • Newly cleared land to the west of rail yard and on the western side of the track, just south of the yard and adjacent to Elizabeth Creek • Newly cleared land on the eastern side of rail line, just east of the remnant vegetation • Riparian vegetation is present along Elizabeth Creek • Cleared land on the western side of the track, east of the golf course and surrounded by dense vegetation 	<ul style="list-style-type: none"> • Dense remnant vegetation to the west of the rail line and between rail tracks and North Coast Line • Newly cleared area to the west of the track • Extensive sugar cane on eastern side of the rail line, followed by newly cleared area, possibly cleared for agriculture and associated with surrounding farming land • Riparian vegetation along Willy Creek • Sugar cane farms to the south-west of the rail line • Remnant vegetation to the south-west of track, surrounding sugar cane land • Extensive clearing and possible erosion to a large area south-east of the rail line, surrounding the eastern side of a farm dam or other excavated area that has accumulated water

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	Northern Section (Armstrong Beach Road to Top of Project Area)	Central Section (Armstrong Beach Road to Elizabeth Creek)	Southern Section (Elizabeth Creek to Base of Project)
<p>Photo Title: 8755 Mackay 86 Program Aerial Photography Film Number: QAP4492 Frame Number: 174 Run Number: 13 Storage: 53-2 Scale: 1:25100 Negative: Black and white Flying Height: 4060m Datum Height: 250m Date of Flying: 01/09/1986</p>	<ul style="list-style-type: none"> • Dense vegetation to the west of track, bordered by sugar cane and newly cleared area for agriculture • Riparian vegetation along Plane Creek • Intensive agriculture to the east of train line and has extended out into previously vegetated land • Farm houses still present to the east of the rail line, near Armstrong Beach Road • Widespread clearing has recently occurred to the western area of the track, just north of the golf course, and east of Sarina. Area is bordered by sugar cane and other agricultural land uses and some riparian vegetation 	<ul style="list-style-type: none"> • Large area of cleared land for grazing and agriculture east of the rail yard, which was previously vegetated land • More intensive agriculture to the east and west of the rail yard, spotted with grazing land or small patches of remnant vegetation • Riparian vegetation along Elizabeth Creek • Newly cleared area to the west of the rail yard and adjacent to the neighbouring raid yard buildings 	<ul style="list-style-type: none"> • Newly excavated area west of the track and east of the North Coast Line, bordered by remnant vegetation • Extensive clearing of a large piece of land to the east of the rail line, just south of Willy Creek • Cleared land on western side of track, between rail line and the North Coast Line, this was previously remnant vegetation • Grazing land west of the North Coast Line that was previously vegetated • Riparian vegetation is present along Willy Creek • Some sparse vegetation south of the intersection of the rail line and the North Coast Line, previously covered twice the area and was more dense • Three dams/excavated areas south-east of the rail intersection that are currently filled with water, two of which were not in the previous aerial photograph

Aerial Photograph Reference	Observations		
	Northern Section (Armstrong Beach Road to Top of Project Area)	Central Section (Armstrong Beach Road to Elizabeth Creek)	Southern Section (Elizabeth Creek to Base of Project)
Photo Title: 8755 St Lawrence-Townsville 97 Project Aerial Photography Film Number: QAP5419 Frame Number: 45 Run Number: 9 Storage: 64-4 Scale: 1:12000 Negative: Colour Flying Height: 1830m Datum Height: 0m Date of Flying: 29/10/1997		<ul style="list-style-type: none"> • Intensive sugar cane and agricultural land to the east and west of the yard • Small patches of remnant vegetation to the east of the rail yard • Riparian vegetation along Elizabeth Creek • Some remnant vegetation bordering Elizabeth Creek with residential houses 	<ul style="list-style-type: none"> • Riparian vegetation along Willy Creek • Agricultural land and sugar cane is present to the east and west of the train line • Small area has been excavated or converted to a dam and is located between the rail track and the North Coast Line and is surrounded by vegetation. Possibly it acts as a water retention and drainage area • Agricultural fields to the south east of the train line is coupled with newly cleared areas • Large water body to the far east of the track, surrounded by agriculture and sugar cane • Newly cleared area east of track, near dams. Possibly filling with water at the time of the photograph

Aerial Photograph Reference	Observations		
	Northern Section (Armstrong Beach Road to Top of Project Area)	Central Section (Armstrong Beach Road to Elizabeth Creek)	Southern Section (Elizabeth Creek to Base of Project)
Photo Title: 8755 St Lawrence-Townsville 97 Project Aerial Photography Film Number: QAP5419 Frame Number: 209 Run Number: 10 Storage: 64-4 Scale: 1:12000 Negative: Colour Flying Height: 1830m Datum Height: 0m Date of Flying: 29/10/1997	<ul style="list-style-type: none"> • Dense vegetation to the west of the rail line, bordered by agricultural land and sugar cane • Extensive agricultural land and sugar cane farming to the east of the train track • More residential properties bordering Armstrong Beach Road and the train line • Riparian vegetation along Plane Creek 	<ul style="list-style-type: none"> • Large dam or excavated area holding water is located to the west of the yard, and adjacent to the golf course • Cleared area adjacent to the golf course 	

Aerial Photograph Reference	Observations		
	Northern Section (Armstrong Beach Road to Top of Project Area)	Central Section (Armstrong Beach Road to Elizabeth Creek)	Southern Section (Elizabeth Creek to Base of Project)
<p>Photo Title: 8755 Mackay 2004 Program Aerial Photography</p> <p>Film Number: WAP6134</p> <p>Frame Number: 126</p> <p>Run Number: 4</p> <p>Storage: 68-3</p> <p>Scale: 1:37500</p> <p>Negative: Colour</p> <p>Flying Height: 6205m</p> <p>Datum Height: 500m</p> <p>Date of Flying: 28/06/2004</p>	<ul style="list-style-type: none"> • Extensive remnant vegetation and riparian vegetation along Plane Creek and near the river crossing to the north of the project area • Newly cleared land adjacent to the eastern side of the track, surrounding a residential/farm house • Intensive agriculture to the east of the project area and associated farm houses • Some agriculture to the west of the rail track, following the curve of Plane Creek • Remnant vegetation to the west of the rail track. Not visibly altered since previous aerial photograph • Access road (Smyths Road) on the east, parallel to the track and running in a north-south direction 	<ul style="list-style-type: none"> • Intensive agriculture to both the eastern and western sides of the track • Remnant vegetation to the west of the track • Previous aerial photograph that was cleared east of rail yard has now been added as part of the golf course and west of dam/excavated area • Some grazing land and some trees spotted over landscape, west of rail line • Riparian vegetation along Elizabeth Creek 	<ul style="list-style-type: none"> • Newly cleared vegetation on eastern side of track, between Elizabeth and Willy Creeks • Intensive agriculture and sugar cane farming on eastern and western side of rail line • Less riparian vegetation leading into large water body that was present on 1997 aerial photograph • Riparian vegetation along Willy Creek • Water body and surrounding vegetation between rail line and North Coast Line is not visibly changed since 1997 aerial photograph • Intensive agriculture and sugar cane farming to the south of project area • Approximately eight dams/excavated areas are now present to the south-east of the intersection of the rail line and the North Coast Line, as well as one to the south-west of the intersection