COMPANY: Goldstream Mining NL - Titan Resources NL
PROJECT: Lynchford EL 9/84
HOLE NUMBER: LYN009

Commenced:	31 Jan 95
Completed:	13 Feb 95
Logged By:	L A Newnham
Drilled By:	Dia. Drill Tas

Purpose of Hole

To test the depth extension of a major Au-As anomaly defined by surface trenching, adits, percussion and core drilling programs, associated with the Coupon Mine workings.

Comments on Completion

Only minor Au mineralisation was associated with a quartz-carbonate veined fossiliferous sandstone.
Best assay 225.0-226.0 m. 1.14 g/t Au.
As values were relatively low throughout.

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMG	5,333,473	376,018	1,110	-60	268
	Elevation = ASL + 1000 m				

Length (m)
254.2

Hole Size

To (m)	Size
HQ-NQ	

Significant Core Loss Zones

From	To	%Rec.
159	195	Severe
		losses
		(see log)

Hole Condition on Completion

All casing withdrawn from hole.

Summary of Results

Depth		Recovery	Description	Assays							
From	To	%		Length	Au	As	Cu	Pb	Zn	As	S
225.0	226.0	100	Quartz-carbonate veined silicified fossiliferous	1.0	1.14	39					
			sandstone								

A46031

DOWN HOLE SURVEY DATA

COMPANY: Goldstream Mining-Titan Resources
PROJECT: Lynchford E.L.9/84
HOLE NUMBER: LYN 009

Depth	Dip	Bearing	Interval		Length	Vertical Distance		Horizontal Distance		Co-ordinates			
(m)		(AMG)	From	To	(D)	D.sin dip	R.L.	D. cos dip (HD)	Cumulative HD	N. distance HD. cos brg.	N. co-ordinate	E. distance HD. sin brg.	E. co-ordinate
COLLAR	-60	268					1110.00		0.00		5,333,473.0		376,018.0
0	-60	268	0	75	75	64.95	1045.05	37.50	37.50	-1.31	5,333,471.7	-37.48	375,980.5
150	-57	272	75	175	100	83.87	961.18	54.46	91.96	1.90	5,333,473.6	-54.43	375,926.1
200	-57.5	268	175	227	52	43.86	917.32	27.94	119.90	-0.98	5,333,472.6	-27.92	375,898.2
254	-56.5	268	227	254	27	22.51	894.81	14.90	134.81	-0.52	5,333,472.1	-14.89	375,883.3
254													

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Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
0	3.0	**No Core (HW)**														
		Clays and mud.														
3.0	12.0	**Clay (HG)**	3.0	4.0	70				5.0	6.0	<0.008	41				
			4.0	10.0	100				9.0	10.0	<0.008	50				
		Orange and light brown clays.	10.0	12.0	50											
12.0	130.4	**Limestone**														
		Dark grey, well bedded, fresh limestone.	12.0	17.5	100				18.0	19.0	<0.008	13.2				
			17.5	18.1	66				24.0	25.0	<0.008	9.2				
		BCA generally low: 20-30°.	18.1	45.0	100				28.0	29.0	<0.008	27.6				
			45.0	134.0	100				32.0	33.0	<0.008	13.8				
		Stylolitic structures common. Only trace pyrite.							40.0	41.0	<0.008	9.7				
									44.0	45.0	<0.008	6.0				
									65.0	66.0	<0.008	16.0				
		Anastomosing 1-20 mm calcite veining throughout. One late stage veining event 2-10 mm veins 70-90° CA. Core **broken** in some intervals due to low bedding, weak stylolites and jointing.							84.0	85.0	<0.008	7.0				
									96.0	97.0	<0.008	14.1				
									113.0	114.0	<0.008	17.7				
									122.0	123.0	<0.008	5.0				
		Calcite veining quite intense in some intervals.														
		Below 50 m, bedding becomes more consistent and steeper: 40-60° CA.														
130.4	134.2	**Sandstone**														
		Light grey sandstone, calcareous matrix, very hard; cut by numerous thin quartz, quartz-calcite and calcite veins.							130.0	131.0	<0.008	16				
									131.0	132.0	<0.008	15				
									132.0	133.0	<0.008	9.1				
									133.0	134.0	<0.008	9.9				
		1-2% pyrite dissemination and streaks and blebs.														
		Possible some fine disseminated arsenopyrite.														

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PROJECT: Lynchford
HOLE NUMBER: LYN009

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
134.2	138.0	**Interbedded Sandstone & Limestone**														
			134.0	141.0	100				134.0	135.0	<0.008	6.0				
		Light grey sandstone as above but interbedded with mottled dark grey limestone.	141.0	143.7	90											
		Carbonate and (quartz-carbonate) veining common, giving unit brecciated appearance in places.														
		Minor pyrite.														
		Unit essentially gradational unit between units above and below.							140.0	141.0	0.008	11.6				
									141.0	142.0	<0.008	19.8				
138.0	160.0	**Calcite Veined Limestone**	143.7	159.0	100											
									144.0	145.0	0.008	18.6				
		Light grey limestone, intensely veined by anastomosing network calcite and occasionally quartz veins, resulting in brecciated appearance in places.							145.0	146.0	0.008	16.8				
									146.0	147.0	<0.008	10.6				
									147.0	148.0	0.012	30.4				
		Limestone is stylolitic.							148.0	149.0	0.009	23.0				
									149.0	150.0	0.016	31.9				
		Calcite veining to 150 m is often massive up to 200 mm veins; below 150 m tends to be network thinner veins.							150.0	151.0	0.008	21.6				
									151.0	152.0	<0.008	12.6				
									152.0	153.0	<0.008	5.3				
									153.0	154.0	<0.008	11.5				
									154.0	155.0	<0.008	19.6				
		Minor pyrite throughout as disseminated grains, aggregates in limestone, and concentrated along stylolites.							155.0	156.0	<0.008	8.9				
									156.0	157.0	<0.008	9.4				
									157.0	158.0	0.009	19.7				
									158.0	159.0	0.008	22.7				
		BCA not clear but generally 50-60°.	159.0	161.1	70				159.0	160.0	0.008	14.6				
			161.1	163.5	40				160.0	161.0	0.008	21.2				
160.0	184.0	**Zone of Poor Recoveries**	163.5	164.5	60				161.0	163.0	0.026	50.0				
		Either fault zone or limestone cave zone?.	164.5	167.0	60				163.0	164.0	<0.008	14.0				
			167.0	168.0	10				164.0	165.0	0.008	8.2				
		Very poor recoveries and core very broken.	168.0	169.0	10				165.0	166.0	<0.008	14.2				
			169.0	171.0	10				166.0	171.0	0.020	43.4				
		Broken rubbly limestone for most part, brecciated in places; abundant calcite veining.	171.0	172.3	0											
			172.3	174.0	70											
			174.0	177.0	0											

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COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN009

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
		Below 166 m recoveries extremely poor. (166-172 m: 0.5 m recovered) (177-184 m: 2 m recovered)	177.0	180.0	30.0				172.3	174.0	0.230	47.9				
			180.0	183.0	33.0											
			183.0	185.0	60.0											
		0.5-1% disseminated and veined pyrite.	185.0	186.0	40.0											
			186.0	188.1	33.0											
		172.3-174.0 m: very fine rubble, probably disaggregated siltstone-pyritic.														
		177.0-180.0 m: 0.8 m limestone bed BCA 60° is relatively undisturbed. No recovery above and siltstone below; ??possible cave zone??.														
184.0	190.0	**Limestone Cave Zone??**							184.0	185.0	<0.008	5.5				
									185.0	187.0	0.008	7.0				
		Well bedded stylolitic limestone, BCA 40-45°; but recoveries poor; ??possible core loss in caves??.							188.0	189.0	<0.008	8.5				
									189.0	190.0	<0.008	6.4				
			188.1	193.9	100				190.0	193.0	0.008	9.3				
			193.9	195.0	35				197.0	198.0	<0.008	6.1				
190.0	203.8	**Limestone**	195.0	209.1	100				198.0	199.0	<0.008	5.1				
									199.0	200.0	<0.008	13.0				
		Mottled dark grey limestone, with some lighter grey medium grained limestone interbeds.							200.0	202.0	0.010	14.2				
									202.0	204.0	0.010	13.2				
		BCA 50-55°.														
		Stylolitic.														
		Randomly orientated calcite veining common 1-100 mm thick veins.														
		0.5-1% pyrite, locally more abundant, as disseminated grains in limestone, concentrated along stylolites and small blebs/aggregates.														
		Core moderately competent, most fracturing along bedding planes on stylolitic surfaces.														

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COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: *LYN009*

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
203.8	238.0	**Interbedded Fossiliferous Calcareous Sandstone, Siltstone & Limestone** Light grey calcareous sandstone, silicified in places, interbedded with dark grey siltstone and light grey limestone. Sandstone and to lesser extent limestone units, fossiliferous (?crinoids?); but fine features obliterated by silicification. BCA uniform 40-45°. Quartz, quartz-carbonate, calcite veining 1-100 mm common throughout; particular abundant in silicified sandstone-siltstone 223-227 m and 230-237 m. 1-2% pyrite throughout, more abundant locally; disseminated fine grained in shaley-siltstone units, also aggregates and streaks in sandstone and limestone. No sulfides observed in quartz and quartz-carbonate veins. ?some fine disseminated arsenopyrite?. Core quite broken, mainly along greasy bedding planes in shale-siltstone units. Fracturing also associated with quartz and quartz-carbonate veins.	203.0	254.2	100				204.0	206.0	<0.008	16.5				
									206.0	208.0	<0.008	8.0				
									208.0	209.0	0.012	60.0				
									209.0	210.0	<0.008	17.0				
									210.0	211.0	<0.008	20.0				
									211.0	212.0	0.012	53.0				
									212.0	213.0	<0.008	68.0				
									213.0	214.0	0.008	30.0				
									214.0	216.0	<0.008	22.0				
									216.0	218.0	0.009	20.0				
									222.0	223.0	<0.008	29.0				
									223.0	224.0	0.010	22.0				
									224.0	225.0	0.099	53.0				
									225.0	226.0	1.143	39.0				
									226.0	227.0	0.017	34.0				
									230.0	231.0	0.047	50.0				
									231.0	232.0	0.021	35.0				
									232.0	233.0	0.019	32.0				
									234.0	235.0	0.011	49				
									235.0	236.0	0.010	38				
									236.0	237.0	0.010	11				
									237.0	238.0	<0.008	15				
238.0	254.2	**Interbedded Siltstones-Limestones, (Calcite veined)** Dark grey siltstone interbedded with light grey limestone, cut by series of 1-5 mm calcite veins 70-80° CA; plus later stage carbonate veins 30° CA; veining restricted to darker siltstone units. BCA consistent 40-45°; 0.5% very fine grained disseminated pyrite pervasive. *** END OF HOLE ***														

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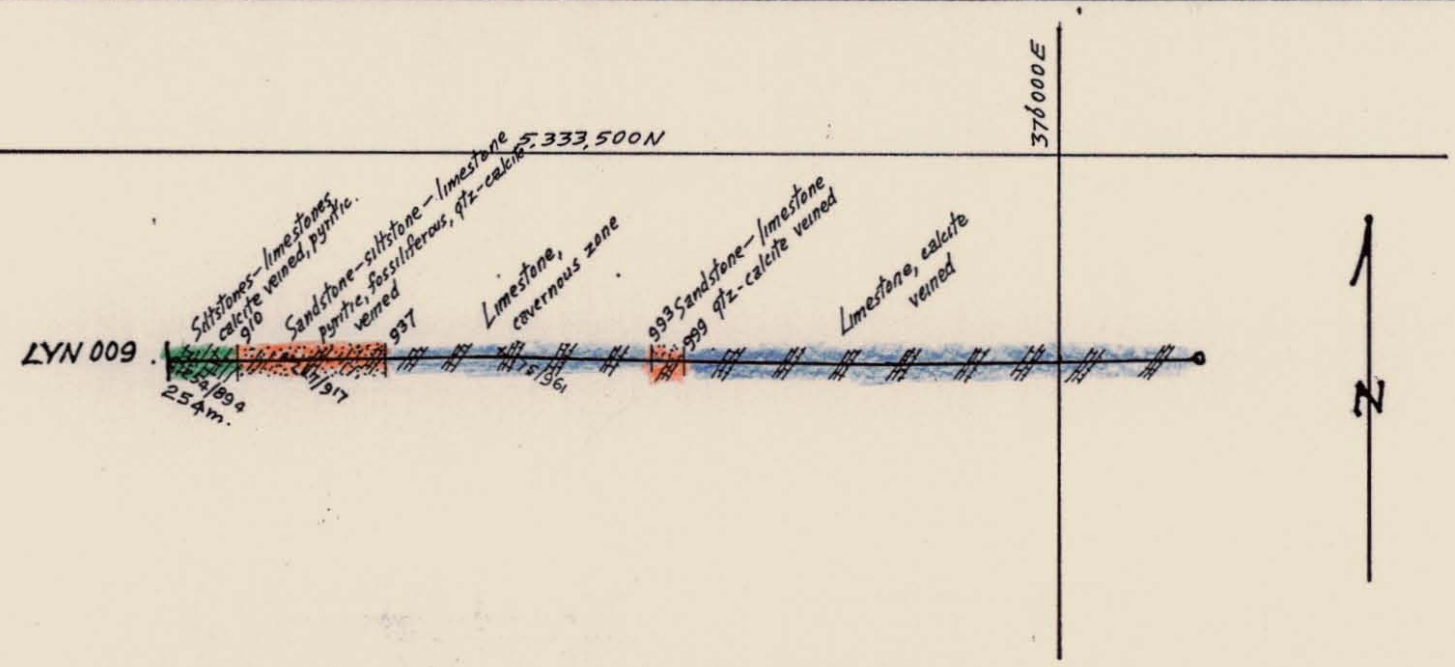
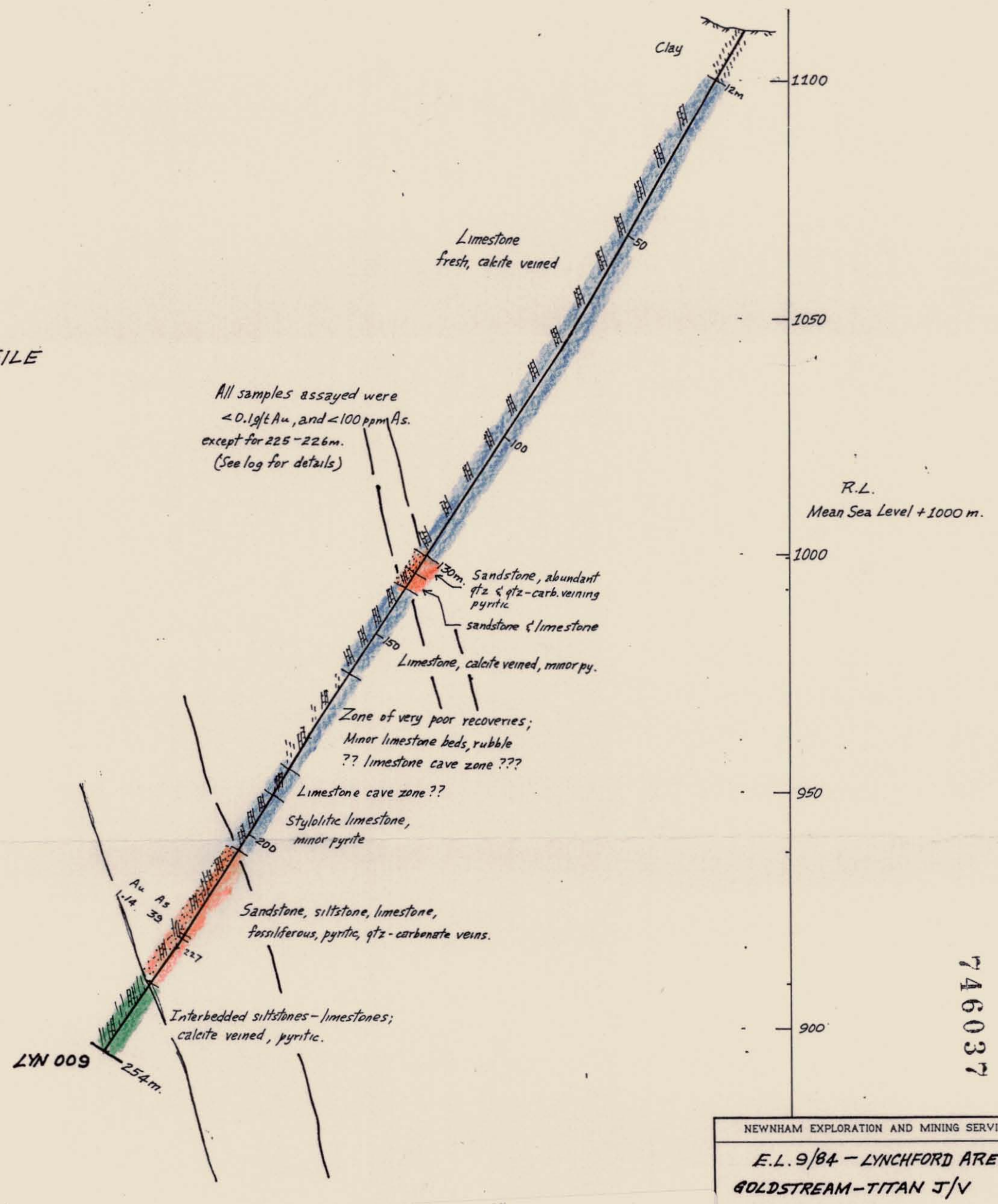
PLAN VIEW



DIP PROFILE

(Looking North)



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NEWNHAM EXPLORATION AND MINING SERVICES

E.L. 9/84 – LYNCHFORD AREA

GOLDSTREAM–TITAN J/V

DDH LYN 009

0 40 Scale: 1:1,000

Drawn: L.A. Newnham | Date: May 95 | Figure: