COMPANY: Goldstream Mining NL - Titan Resources NL
PROJECT: Lynchford EL 9/84
HOLE NUMBER: LYN008

Commenced:	13 Jan 95
Completed:	28 Jan 95
Logged By:	L A Newnham
Drilled By:	Dia. Drill Tas

Purpose of Hole

To test at depth a strong Au-As anomaly defined by surface sampling, tunnelling, and shallow core and non-core drilling.

Comments on Completion

No Au assays >0.1 g/t were recorded.
As levels were also generally low.

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMG	5,333,527	376,017	1108.0	-55	267
	Coordinates approximately only RL = ASL +1000 m				

Length (m)
234

Hole Size

To (m)	Size
101.5	HQ
234.0	NQ

Significant Core Loss Zones

From	To	%Rec.
Very severe core losses 0-150 m		
(see core recoveries in log)		

Hole Condition on Completion

All casing withdrawn.

Summary of Results

Depth		Recovery	Description	Assays							
From	To	%		Length	Au	Ag	Cu	Pb	Zn	As	S
			No significant assays.								

DOWN HOLE SURVEY DATA

COMPANY: Goldstream Mining-Titan Resources
PROJECT: Lynchford E.L.9/84
HOLE NUMBER: LYN 008

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	-55	267					1108.00		0.00		5,333,527.0		376,017.0
0	-55	267	0	50	50	40.96	1067.04	28.68	28.68	-1.50	5,333,525.5	-28.64	375,988.4
100	-54	266	50	140	90	72.81	994.23	52.90	81.58	-3.69	5,333,521.8	-52.77	375,935.6
180	-55	265	140	207	67	54.88	939.35	38.43	120.01	-3.35	5,333,518.5	-38.28	375,897.3
234	-52	266	207	234	27	21.28	918.07	16.62	136.63	-1.16	5,333,517.3	-16.58	375,880.7
234													

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN008

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
0	3.0	No Core: HW tricone.														
			0.0	3.0	100											
3.0	17.0	**Clays & Limestone Beds**	3.0	6.0	55											
			6.0	9.0	50											
		3.0-9.0 m: brown-grey clays.	9.0	11.5	92											
			11.5	14.5	80											
		9.0-11.5 m: yellow-orange clays.	14.5	16.0	55				6.0	9.0	0.060	87				
			16.0	17.0	30				9.0	10.0	0.036	312				
		11.5-17.0 m: brown and orange clays interbedded with solid fresh light grey limestone, extensively calcite veined. BCA's variable 0-30°.	17.0	18.0	80				12.0	13.0	<0.008	16				
17.0	56.8	**Interbedded Limestone-Siltstone**	18.0	21.0	100				18.0	19.0	<0.008	21				
			21.0	24.0	55				24.0	25.0	<0.008	10				
		Light grey stylolitic limestone interbedded with medium grey calcareous siltstones.	24.0	26.2	100				29.0	30.0	<0.008	5				
			26.2	27.6	100				32.0	33.0	<0.008	10				
			27.6	30.0	84				36.0	37.0	<0.008	8				
		Carbonaceous stylolites and bedding partings common.	30.0	32.6	100				42.5	43.5	<0.008	14				
			32.6	36.0	100				47.0	48.0	<0.008	9				
			36.0	38.5	92				51.0	52.0	<0.008	12				
		Pervasive 1-10 mm calcite veining, several generations and orientations.	38.5	40.8	100				53.0	54.0	<0.008	13				
			40.8	42.0	90				57.0	59.0	<0.008	145				
			42.0	44.4	100				60.0	63.0	0.017	715				
		Veining quite dense over some intervals.	44.4	56.5	100				74.0	75.0	0.016	396				
			56.5	59.0	60											
		1-2% pyrite throughout as fine disseminations, clots and concentrated in carbonaceous partings; occasional small breccia/fault zones have 5-10% pyrite.														
		Core fresh but broken. Several joint directions, dominated by 30° and 70°. Joints often limonite-sericite or calcite coated.														
		BCA variable 10-40° but typically 25-30°.														

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN008

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
56.8	79.5	**Clay**	59.0	60.0	100											
			60.0	61.8	23											
		Yellow and orange clays, sandy in places.	61.8	63.0	43											
			63.0	66.0	20											
		Severe core losses over some intervals (see core recovery columns). In order to improve recoveries, most of this interval was drilled by pushing the rods through the clay with no addition of water and no rotation.	66.0	67.5	66											
			67.5	69.0	33											
			69.0	72.0	0											
			72.0	73.0	40											
			73.0	74.0	30											
			74.0	75.0	90											
79.5	110.8	**Limestone, Fractured & Veined**	75.0	78.5	0											
			78.5	79.5	60											
		Light-medium grey limestone, extensively and intensely cut by network of thin calcite veins.	79.5	85.5	84											
			85.5	92.4	100											
			92.4	93.0	33											
		Unit brecciated near base.	93.0	105.0	100											
			105.0	107.2	80											
		BCA variable 60° near top of unit to 30-50° down unit.	107.2	110.8	95				80.0	81.0	<0.008	20				
									81.0	82.0	<0.008	5				
									82.0	83.0	<0.008	10				
		0.5% very fine disseminated pyrite, more common in darker limestone beds.							83.0	84.0	<0.008	14				
									87.0	88.0	<0.008	18				
									88.0	89.0	<0.008	28				
		No sulfides seen in calcite veins.														
									90.0	91.0	<0.008	17				
		Core broken but fresh and recoveries good.							91.0	92.0	<0.008	24				
									92.0	93.0	<0.008	21				
		Driller logged fault at 93 m but difficult to see.							93.0	94.0	<0.008	24				
									94.0	95.0	0.008	27				
		Hole was cased off HQ at 101.5 m but when HQ casing was run, it lay across the hole at 79.5 m and a new hole was cored NQ below 79.5 m							95.0	96.0	0.011	36				
									96.0	97.0	<0.008	18				
									97.0	98.0	<0.008	13				
									98.0	99.0	<0.008	9				
									99.0	100.0	<0.008	4				
		Thus there was both HQ and NQ coring from 79.5-101.5 m.							100.0	101.0	<0.008	21				
									101.0	102.0	<0.008	15				
									102.0	103.0	0.011	16				
									103.0	104.0	0.011	21				
									104.0	105.0	0.010	20				
									105.0	106.0	0.010	21				

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN008

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
110.8	132.0	**Limonitic & Fossiliferous Sandstone** Extremely broken (rubbly) limonitic sandstone. Fossiliferous with definite brachiopod and crinoid forms throughout. Core losses severe in places (see core recovery section). Fine-medium grained light grey sandstone, extremely broken with all fracture surfaces limonite coated.	110.8	112.0	16											
			112.0	113.0	10				106.0	107.0	<0.008	6.4				
			113.0	114.0	20				107.0	108.0	0.011	19				
			114.0	115.0	50				108.0	109.0	0.013	23				
			115.0	115.8	25				109.0	110.0	0.008	24				
			115.8	116.5	45				110.0	112.0	0.016	39				
			116.5	117.4	45				112.0	115.0	<0.008	85				
			117.4	118.2	50				115.0	118.0	<0.008	71				
			118.2	119.0	28				118.0	120.0	<0.008	50				
			119.0	120.0	40				120.0	122.0	0.012	50				
			120.0	120.8	25				122.0	124.0	<0.008	36				
			120.8	122.0	17				124.0	126.0	<0.008	24				
			122.0	122.5	15				126.0	128.0	0.012	36				
			122.5	123.3	38				128.0	130.0	0.014	21				
132.0	138.6	**Clay** Very limonitic and gritty near top (gradational with unit above). Generally brown, but short black interval at base.	123.3	123.8	80				130.0	132.0	0.019	38				
			123.8	124.2	100											
			124.2	124.9	100											
			124.9	127.8	100											
			127.8	128.8	60											
			128.8	130.3	7											
			130.3	131.4	27											
			131.4	132.2	25											
138.6	143.6	**Limestone** Light grey, stylolitic limestone.														
			132.2	134.1	100				132.0	134.0	0.023	50				
143.6	145.6	**Clay** White clays, after siltstone(?). Poor recoveries.	134.1	135.0	37				134.0	136.0	0.010	50				
			135.0	136.5	33				136.0	138.0	0.045	44				
			136.5	137.5	20				138.0	139.0	0.011	44				
			137.5	138.1	33				139.0	141.0	<0.008	20				
			138.1	139.2	95				141.0	143.0	<0.008	13				
			139.2	143.0	100				143.0	145.5	<0.008	17				
145.6	148.0	**Limestone** Light grey, calcite veined, stylolitic.	143.0	145.6	50				145.5	148.0	<0.008	15				
			145.6	147.0	80											
			147.0	148.2	80											
			148.2	150.0	22											
			150.0	195.0	100											

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN008

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
148.0	182.0	**Sandstone-Limestone** Generally dark grey sandstone unit with thin limestone beds and shaley units. Quartz and quartz-carbonate veining common. **148.0-153.0 m:** very broken zone with major quartz veining, dark grey-black sheared graphitic zones. Possibly fault zone. **155.0-157.0 m:** distinctive crinoidal limestone unit. **162.0-165.0 m:** abundant quartz and quartz-carbonate veining. BCA variable 45-60°. Veining becomes less abundant below 170 metres. Minor disseminated pyrite and (arsenopyrite?) throughout. Generally <1%.	150.0	182.0	100				150.0	152.0	0.023	35				
									155.0	157.0	0.035	50				
									159.0	161.0	0.009	50				
									162.0	164.0	0.064	88				
									164.0	165.0	0.025	48				
									166.0	168.0	0.014	52				
									173.0	174.0	0.015	34				
									176.0	177.0	0.022	50				
									179.0	180.0	<0.008	20				
									182.0	183.0	<0.008	30				
									210.0	211.0	0.021					
									211.0	212.0	0.013					
182.0	234.0	**Interbedded Shale-Limestone-Siltstone** Dark grey shales interbedded with light grey limestone and calcareous siltstone. Gradational with unit above. Distinctive 1-5 mm calcite veining cutting shaley beds at 70-80° CA. BCA consistent 55-60°. **209.7-212.2 m:** shaley unit with abundant quartz and quartz-carbonate veining up to 150 mm wide. *** END OF HOLE - 234 m ***	182.0	234.0	100											

PLAN VIEW

LYN 008

Siltstone, limestone, sh, calcite veined, pyritic

959

Interbedded limestone–sandstone sequence

1018

limestone and clay (after limestone?)

1062

Limestone and siltstone

1094

clays and limestone

1108

234/318m

5,333,500N

376,000E

DIP PROFILE
(Looking North)

Clays and limestone

Limestone and siltstone calcite veined & brecciated pyritic

All gold assays <0.1g/t.

These clays where sampled were As anomalous (150–700ppm)

50

Clays

Limestone, fractured and veined

100

Limonitic and fossiliferous sandstone

Clay (after limestone)

Limestone

Limestone and clays

150

Limestone, sandstone (fossiliferous) BCA 45–60°

200

Interbedded siltstone–limestone–shale
abundant thin calcite veining
1–3% fine dissem. py.
BCA 55–60°.

LYN 008

234m

1100

1050

1000

950

900

R.L.
Mean Sea Level + 1000m.

5 cm

NEWNHAM EXPLORATION AND MINING SERVICES

E.L. 9/84 — LYNCHFORD AREA
GOLDSTREAM–TITAN J/V
DDH LYN 008

0m. 40 Scale: 1:1000

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

746030