95-3796

746001

NEWNHAM EXPLORATION & MINING SERVICES

EL 9/84
LYNCHFORD AREA
WESTERN TASMANIA

ANNUAL REPORT
1994-95

Prepared for:

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ANNUAL REPORT 1994-95
MONTROYAL MINING - NEWNHAM L A

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1. SUMMARY

Exploration prior to 1994-95 on EL 9/84 had defined a series of major Au-As anomalies aligned north-south along a postulated major fault zone (Harvey's Creek Fault) which disrupted a sequence of lower Silurian-Ordovician marine shelf sediments on the eastern margin of the Palaeozoic Henty Basin.

The principal anomaly coincided with a group of former shallow underground mine workings collectively known as the Coupon Mine.

At Coupon, soil sampling, exposure rock chip sampling, and adit sampling was followed by programs of reverse circulation (RC) and core drilling.

Collectively, this work confirmed that limonitic sandstones and degraded (clay) limestones at shallow depths were Au-As anomalous, but that grades were both erratic and generally low.

It was decided in 1994-95 to further test this property with firstly, a sequence of fourteen (14) RC holes to vertical depths of approximately 100 metres and secondly, four (4) cored holes to vertical depths of 200 metres.

Due to drill rig availability, the core drilling was undertaken first. Four (4) holes were completed between December 1994 and March 1995, for a total metreage of 1021 metres.

Results were extremely disappointing and it was decided not to drill the shallow RC holes.

These four holes in combination with previous exploration, indicate a sequence of Ordovician limestones, shales and sandstones, severely disrupted by a series of east-west faults.

Data suggests Au-As mineralisation was leached out of the underlying Mt Read Volcanics and migrated upwards along these faults, depositing variable amounts of mineralisation on the structures and replacing a narrow zone of limestones and sandstones either side of the fault.

Mineralisation of economic interest appears to be confined to the F2 fault and a narrow zone of the adjacent sandstone-limestone sequence. Potential may exist in this area for 200,000-300,000 tonne of mineralisation per 50 vertical metres, possibly grading in the 1-3 g/t Au range.

Should such a target be of further interest, it should be followed up by detailed road exposure sampling in winter, and face sampling RC drilling in summer.

2. TENURE

EL 9/84 was granted on 18 July 1984 to Trikon International Pty Ltd, with respect to an area of 56 square kilometres south of Lynchford, near Queenstown, Tasmania.

It was transferred to Montroyal Mining NL (a wholly owned subsidiary of Goldstream Mining NL) in October 1987 and reduced to 27 square kilometres in July 1989.

In 1993, Goldstream entered into a joint venture agreement with Titan Resources NL, to continue exploration on EL 9/84.

The licence was due to expire in July 1994. However, on the basis of encouraging exploration results from recently completed drilling programs, Mineral Resources Tasmania (MRT) agreed to extend the licence to 18 July 1996, with respect to an area of 10 square kilometres (Figure 1, 2).

The minimum expenditure commitment on EL 9/84 is $50,000 per annum, plus a shortfall from previous years of $59,300. The total commitment in 1994-95 is therefore $109,300.

Expenditure for the nine months to March 1995 was $119,079. Estimated expenditure for 1994-95 is $130,000.

The licence area covers mainly Crown Land, multiple use forest and land administered by the Hydro-Electric Commission (HEC).

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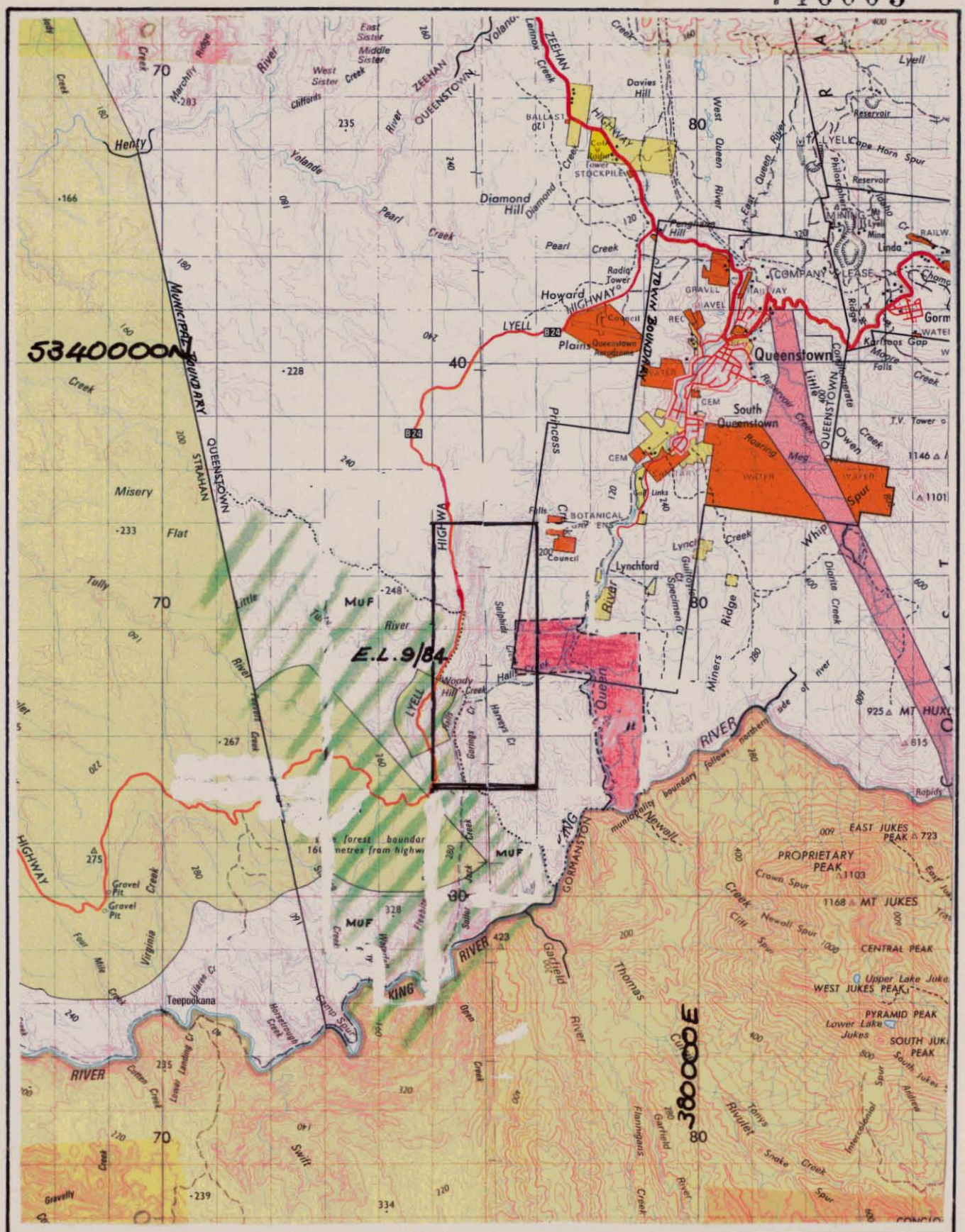

Figure 1

5 cm

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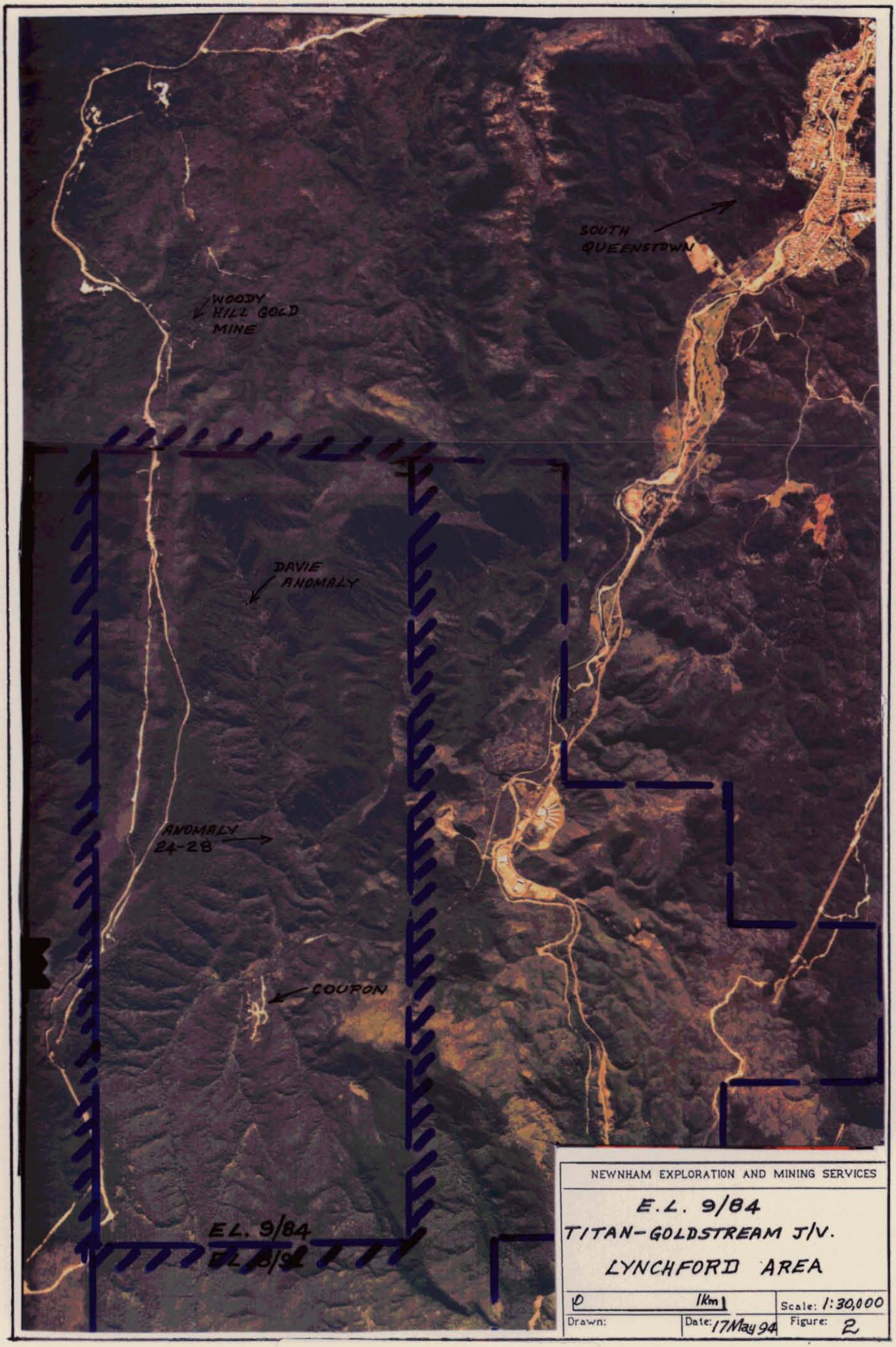
SOUTH QUEENSTOWN
WOODY HILL GOLD MINE
DAVIE ANOMALY
ANOMALY 24-28
COUPON
EL. 9/84
EL 9/84
NEWNHAM EXPLORATION AND MINING SERVICES
E.L. 9/84
TITAN-GOLDSTREAM J/V.
LYNCHFORD AREA
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3. PREVIOUS EXPLORATION RESULTS & EXPLORATION PHILOSOPHY

A full account of previous exploration in the Coupon area was presented in the EL 9/84 Annual Report for 1993-94.

In summary, gold was discovered late last century at Coupon, occurring in a limonitic sandstone-shale sequence. A number of adits and trenches were established to explore the deposit, but failed to result in any major development.

Since 1980, a number of companies have explored the general area, firstly for base metal sulfide deposits associated with extensive Palaeozoic limestone formations (Irish and Mississippi Valley styles), and more recently for sediment-hosted gold deposits.

In pursuit of this latter target, a variety of stream sediment, soil and rock sampling programs were completed in conjunction with surface mapping, costeaning, adit mapping and sampling.

This work defined three significant Au-As anomalies occurring in a linear zone adjacent to the Harvey's Creek Fault over sequences of lower Silurian-Ordovician sandstones-siltstones-limestones.

The most significant of these three anomalies lay over the Coupon workings and a program of shallow RC drilling was completed to further evaluate the anomaly. These holes confirmed the presence of a major As anomaly with associated significant Au values.

Between 1991 and 1994, this Au-As anomaly was further tested by three programs of core drilling.

Each of these programs encountered difficult drilling conditions, often with high core losses.

In 1991, Perilya-Noranda, in joint venture with Montroyal, completed one cored hole (LT91-1) to test anomalous RC results. The hole was abandoned at 61 metres in Au-As anomalous limestone-siltstone-sandstone.

In 1993, Goldstream drilled three cored holes totalling 536 metres to further test the Coupon anomaly:

- Diamond drill hole's LYN001 and LYN002 were drilled either side of CRC 3 which intersected 12 metres, 1.7 g/t Au. Both intersected a significant Au-As anomalous zone near their collars in a sandstone-siltstone unit, but not of the same levels as in CRC 3.

- LYN003 also intersected a Au-As anomalous limonitic sandstone further south along strike from LYN002.

In 1993-94, a further two cored holes were drilled:

- LYN004 again intersected this As anomalous limonitic sandstone unit which was Au anomalous in part. Best intersections were 14-22 metres (8 metres), 1.24 g/t Au and 25-30.5 metres (5.5 metres), 0.75 g/t Au.

- LYN005 was drilled semi parallel to sedimentary strike to test the possibility of a Au bearing east west fault zone accounting for a series of high Au values in surface exposures near CRC 3. No anomalous Au or As was intersected.

Justification for the above exploration programs since 1993 was founded on the exploration philosophy/model of fine grained gold occurring in a calcareous sedimentary sequence, which had been tectonically disrupted and then subjected to significant hydrothermal activity (Carlin style model).

The Coupon area appeared an attractive exploration prospect, based on this model.

The area is underlain by a sequence of calcareous Ordovician-Silurian sediments on the eastern, tectonically active Henty Basin. This Basin was developed on Cambrian Mt Read Volcanic which frequently carry geochemically anomalous gold. Locally, the Coupon area sediments had been disrupted by a number of faults, one of which, the Harvey's Creek Fault, was considered to be a significant regional structure associated with a number of gold deposits.

Geochemically, the sediments at Coupon were strongly Au and As anomalous with occasional elevated Sb values. Where exposed, the sediments were quartz veined, and the limestones totally degraded to clays. Combined, these factors suggested the Coupon area had been subjected to significant hydrothermal activity associated with geochemically Au-As-Sb anomalous fluids.

4. 1994-95 DRILLING PROGRAM RESULTS

At the completion of the third core drilling program in 1993-94, it was thought firstly, that the shallow Au potential had not been adequately tested by drilling to date and secondly, that little was known of the depth potential of the Au-As anomalous limonitic sandstone unit.

It was therefore proposed that in 1994-95, 14 further RC holes be completed to test the shallow Au potential and 4 cored holes be drilled to test the depth potential of the limonitic sandstone.

Due to drill availability circumstances, the four cored holes were drilled first between December 1994 to March 1995. Results of these holes were disappointing and it was decided not to drill the 14 RC holes.

The four cored holes totalled 1021 metres, and their locations are shown on the accompanying Maps 1, 2, 3. The collar locations of the holes were established by tape and compass and relationships to cut grid lines. All holes were down hole surveyed with a single shot camera.

Selected sections of core were split either with a diamond core saw or a chisel if very soft. Assaying for Au and As was undertaken by Analabs in Burnie. Au was determined by fire assaying of a 50 gram sub sample following fine pulverising of the whole sample.

Drill logs are attached as appendix A and laboratory assay result sheets as appendix B.

A brief summary of each hole follows:

LYN007

A 213 metre hole designed to test the northern strike limit of the main Au-As anomaly defined by shallow drilling and surface sampling.

0-62 m: **Clays**, black, orange, grey; generally poor recoveries. Some elevated As values, Au <0.1 g/t.

62-98 m: **Sandstone-siltstone** sequence, limonitic to 82 metres.

98-213 m: **Siltstone-limestone**, calcite veined.

The most significant mineralisation occurred near the base of limonitic development in the sandstone-siltstone sequence:

82-87 m: 5 metres 0.2 Au, 622 As (95% core recovery).

LYN008

A 234 metre hole designed to test the depth extent of Au-As mineralisation previously defined at shallow depths in a limonitic siltstone-sandstone unit.

0-110 m: **Clays, limestone,** minor **siltstone**; recoveries through this unit were very poor.

110-132 m: **Sandstone**, limonitic and fossiliferous; very poor recoveries.

132-148 m: **Clays** and **limestone**; very poor recoveries.

148-182 m: **Sandstone-limestone**; quartz and quartz-carbonate veining.

182-234 m: **Siltstone-limestone**, calcite veined.

No Au assays >0.1 g/t Au were recorded; a clay unit between 57-97 metres was As anomalous.

This hole was typical of most drill holes at Lynchford in that it displayed very intense leaching-alteration-disaggregation of limestones and sandstones to considerable depths, resulting in very poor core recoveries to 150 metres.

LYN009

A 254 metre hole designed to test the depth extent of Au-As mineralisation previously defined at shallow depths in a limonitic sandstone-siltstone unit.

0-12 m: **Clay**.

12-130 m: **Limestone**, fresh with good recoveries.

130-138 m: **Limestone-sandstone**.

138-160 m: **Limestone**, fresh, good recoveries.

160-184 m: Zone of extremely poor recoveries; some limestone.

184-204 m: **Limestone**, good recoveries.

204-238 m: **Sandstone-siltstone-limestone**, calcareous, fossiliferous, quartz and quartz-carbonate veining.

238-254 m: **Siltstone-limestone**, calcite veined.

The silicified and quartz veined sandstone intervals 224-225 metres and 225-226 metres assayed 0.1 g/t Au and 1.14 g/t Au

respectively. All other assays were <0.1 g/t Au, and all As values were <100 ppm.

A considerably greater thickness of limestone was intersected in this hole, compared with the first two holes.

LYN010 & LYN010A

A 257 metre hole designed to test at depth, the southern extension of the Coupon Au-As anomaly.

Considerable drilling difficulties were encountered and LYN010 was stopped at 220 metres in NQ. Whilst attempting to ream HQ to that depth, a new hole was commenced at 157 metres and drilled through to final depth, but reducing during that interval to NQ then BQ. The redrilled section from 157 to 220 metres was submitted for assay as whole core.

0-7 m:	**Mud**.
7-132 m:	**Limestone**, fresh with good recoveries.
132-143 m:	**Sandstone**, calcite veined, fresh.
143-184 m:	**Sandstone**, calcareous, pyritic, poor recoveries towards base (?limestone beds).
184-202 m:	**Limestone, clays**, very poor core recoveries.
202-232 m:	**Sandstone-siltstone**, limonitic, fossiliferous, generally poor recoveries.
232-257 m:	**Siltstone-limestone**, calcite veined.

Apart from a zone of limestones with poor core recoveries from 184.5-186.0 metres (0.13 g/t Au), all Au assays were <0.1 g/t. Anomalous As values were present in the sandstone-siltstone unit from 202-232 metres.

The extremely poor ground conditions below 150 metres suggests this hole may have been running close to a substantial fault zone.

INTERPRETATION OF RESULTS

Despite the poor core recoveries, the four holes completed this year have facilitated firstly, a more complete geological interpretation of the Coupon area and secondly, a reasonable test of the mineralisation potential at depth beneath the Au-As anomalous zone defined by previous shallow exploration programs.

A geological interpretation is presented as Map 1, and an idealised schematic geological model is sketched below as Figure 3 (in text). Drill hole geology presented on composite drill sections in Map 2 is

not interpreted on these sections because of their acute orientation to a set of dominant faults. Assay results are presented on Map 3.

The geological interpretation is based on a sequence of Ordovician-Silurian shallow marine sediments dipping east at approximately 60°. From bottom to top, the sequence consists of an interbedded limestone-siltstone unit, overlain by sandstone-limestone-siltstone unit, overlain by limestone unit.

The basal **limestone-siltstone** unit consists of dark grey siltstones interbedded with lighter grey limestone. A characteristic feature of the unit is the pervasive set of 5-10 mm white calcite veins which generally strike parallel to bedding and dip near vertical. The veins are confined to the siltstone members and terminate abruptly against limestone members.

Very fine pyrite 1-2% is present throughout. Recoveries are very good in this unit.

The **sandstone-limestone-siltstone** unit consists of friable white-light grey sandstone, dark grey limestone, and dark grey siltstone-shales. This unit is often degraded, probably from leaching by circulating acid waters. As such, the sandstone is often friable and limonitic, the siltstone-shale is present as puggy seams, and the limestone is often present as grey, black and orange clays.

The sandstones are frequently quartz veined and pyritic. Pyrite is also present as <1% disseminated grains in the other rock types.

Recoveries in the sandstones and limestones were often very poor.

The overlying **limestone** unit is, interestingly, sometimes present as thick clays (LYN007, LYN008), and sometimes as massive calcite veined limestone (LYN009, LYN010). The clays vary from black to brown to orange and have probably developed as a result of ground water leaching.

The limestone probably extends east beneath Harvey's Creek Fault zone.

The sedimentary sequence is cut by a series of four east-west faults (Map 1). The faults are interpreted as dipping shallowly (as shown) to either the north or south. In combination with beds dipping at 60° to the east, this fault pattern results in subsurface geology varying substantial with depth.

In order to therefore present a reasonably simple geological interpretation, interpretative geology on Map 1 is constructed at a uniform 1000 metres RL. This interpretation highlights the disrupted nature of the sedimentary sequence and serves to explain why geology in some drill holes bore little relationship to adjacent surface geology.

Au and As mineralisation is generally hosted by the central sandstone-limestone-siltstone sequence, but it is difficult to determine if it is pervasive in this unit or restricted to areas adjacent to the cross cutting faults.

Pyrite is widespread throughout the sedimentary sequence, but is generally considered syngenetic and not associated with the Au-As mineralisation.

The following genetic model is proposed: The Coupon area is underlain by a sequence of lower Palaeozoic sediments on the eastern margin of the Henty Basin. During periods of basin diagenesis, dewatering and tectonic episodes in the upper Palaeozoic, this basin margin was strongly deformed, faulted and subjected to substantial fluid movement associated with basin margin diagenesis and meteoric waters.

These fluids may have leached metals, including Au and As, from the underlying Mt Read Volcanics prior to migrating into the overlying fractured Ordovician sediments where they leached and degraded the permeable sandstones and reactive limestones. Minor amounts of Au and As were deposited in both these sediments and the fault channel ways.

Highest grade mineralisation appears to be associated with the sandstone-limestone sequence either side of fault F2.

Fault F2, if projected to surface, would outcrop along the road to CRC 3 where high Au values were obtained in road samples (25 metres 2.00 g/t Au), in road samples near the collar of CRC 2 (5 metres 5.76 g/t Au), and in road samples near the collar of LYN004 (10 metres 1.45 Au and 5 metres 1.61 Au).

The best drill hole intersections were obtained in holes in the sandstone-limestone unit adjacent to F2, (eg) CRC 3 -12 metres 1.7 Au; LYN002 - 40 metres Au, As anomalous (poor recoveries); LYN004 - 8 metres 1.24 Au.

However, LYN009, which intersected this unit at depth at a somewhat greater distance from F2 was only weakly mineralised. This suggests the zone of mineralisation in the sandstone-limestone unit either side of F2 may be only 40 metres combined width. The sandstone-limestone unit itself is approximately 70 metres thick.

Such a deposit would contain approximately 0.25 Mt for each vertical 50 metres.

Mineralisation outside of this zone at Coupon is scattered, low grade and very limited in size, and probably largely confined to the fault zones themselves.

The widespread Au-As geochemical soil anomaly at Coupon is derived from dispersion of this mineralisation in the outcropping fault zones.

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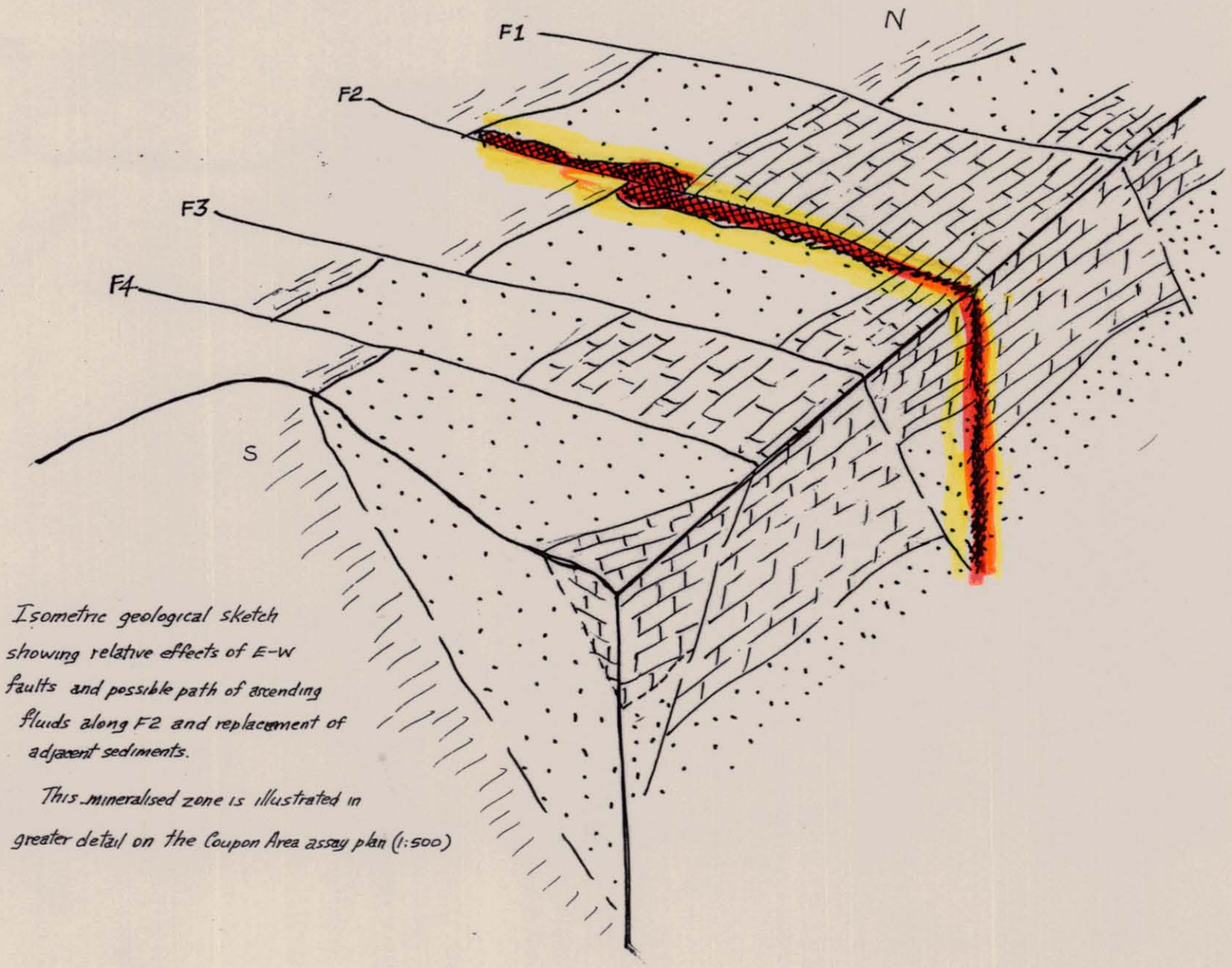
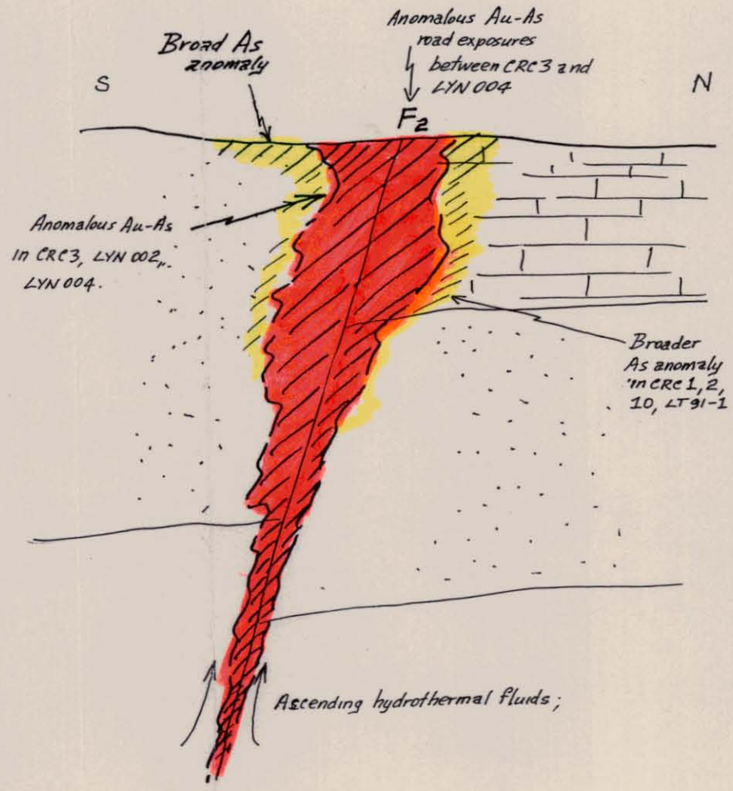


Isometric geological sketch showing relative effects of E-W faults and possible path of ascending fluids along F2 and replacement of adjacent sediments.

This mineralised zone is illustrated in greater detail on the Coupon Area assay plan (1:500)

Section N-S parallel to sedimentary strike, across fault F2.



NEWNHAM EXPLORATION AND MINING SERVICES

E.L. 9/84

COUPON PROSPECT – LYNCHFORD

SCHEMATIC GEOLOGICAL SKETCHES

Scale:

Drawn: Z.A. Newnham | Date: June 95 | Figure: 3

5. CONCLUSIONS & RECOMMENDATIONS

The Coupon area is underlain by a sequence of shallow marine lower Palaeozoic sediments developed on a basement of Cambrian Mt Read Volcanics on the eastern margin of the Henty Basin.

The sediments dip east at approximately 60° and the area has been disrupted by a series of east west faults.

Circulating ground waters, possibly associated with basin formation tectonic forces, have leached Au and As and probably pyrite, from the underlying Volcanics and concentrated these metals near surface in leached limestones (clays) and friable sandstones.

This resulted in the formation of a large Au-As geological anomaly which was adequately defined by surface soil and rock sampling along cut lines, roads and trenches.

Programs of shallow core and RC drilling prior to 1994-95 resulted in a number of sparse but encouraging Au intersections which suggested the area may have potential for a low grade shallow open cut resource.

The deeper core drilling program completed in 1994-95 in combination with this previous work suggests:

- There is little potential for substantial zones of mineralisation to be developed in the sediments at depth.
- Significant Au mineralisation may be associated with fault F2 and the sandstone-limestone sequence north and south of the fault.
- The potential of this mineralisation **may** be of the order of 200,000 to 300,000 per 50 vertical metres.

If a deposit of this magnitude was of economic interest, this confined zone could be further evaluated by more rigorous surface sampling and RC drilling, preferably in the drier summer.

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APPENDIX A

(DRILL LOGS)

COMPANY: Goldstream Mining NL - Titan Resources NL
PROJECT: Lynchford EL 9/84
HOLE NUMBER: LYN007

Commenced:	05 Dec 94
Completed:	12 Jan 94
Logged By:	L A Newnham
Drilled By:	Dia Drill Tas

Purpose of Hole

To test northern end at depth of an anomalous Au-As zone of mineralisation intersected at shallower depths by RC and core drilling and surface sampling.

Comments on Completion

Only minor Au-As mineralisation intersected between 82.0-87.0 m in siltstone-sandstone sequence.

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMP	5333,583	376,028	1105	-55	268

Coordinates approximate only.
RL = ASL + 1000 m

Length (m)
213.0

Hole Size

To (m)	Size
213	HQ-NQ

Significant Core Loss Zones

From	To	%Rec.
0	30	Very poor
30	84	Significant
		losses

Hole Condition on Completion

All casing withdrawn.

Summary of Results

Depth		Recovery	Description	Assays							
From	To	%		Length	Au	As	Cu	Pb	Zn	As	S
67.0	69.0	90	Sheared, limonitic siltstone	2.0	0.2	34					
82.0	87.0	95	Siltstone-sandstones	5.0	0.2	622					

DOWN HOLE SURVEY DATA

COMPANY: Goldstream Mining-Titan Resources
PROJECT: Lynchford E.L.9/84
HOLE NUMBER: LYN 007

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	268					1105.00		0.00		5,333,583.0		376,028.0
0	-55	268	0	50	50	40.96	1064.04	28.68	28.68	-1.00	5,333,582.0	-28.66	375,999.3
100	-57.5	268	50	135	85	71.69	992.35	45.67	74.35	-1.59	5,333,580.4	-45.64	375,953.7
170	-57	267	135	191.5	56.5	47.38	944.97	30.77	105.12	-1.61	5,333,578.8	-30.73	375,923.0
213	-56	267	191.5	213	21.5	17.82	927.14	12.02	117.14	-0.63	5,333,578.2	-12.01	375,911.0
213													

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN007

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
0	3.0	NO CORE Exposure at drill collar black clays.	3.0	6.0	2											
			6.0	9.0	100											
3.0	7.5	**Clay**	9.0	12.0	100											
			12.0	18.0	33				4.0	5.0	0.026	115				
		Dark grey.	18.0	20.0	60				7.0	8.0	0.010	242				
			20.0	23.0	16				9.0	10.0	0.008	79				
7.5	27.5	**Clay**	23.0	24.0	0				11.0	12.0	<0.008	138				
		Yellow, white and light grey.	24.0	26.0	50				15.0	18.0	0.011	58				
			26.0	27.0	5				24.0	26.0	0.040	37				
27.5	33.0	**Clay**	27.0	28.1	100				27.0	28.0	0.078	42				
		Black and dark grey.	28.1	29.0	0				31.0	32.0	0.022	63				
			29.0	30.0	10				35.0	36.0	0.030	223				
33.0	44.0	**Clay**	30.0	33.0	66				38.0	39.0	0.015	41				
		Cream, becoming more orange (limonitic) below 36.0 m.	33.0	36.0	100				42.0	43.0	0.038	190				
			36.0	38.0	40				44.0	45.0	0.024	31				
			38.0	39.0	100				48.0	49.0	<0.008	40				
44.0	55.5	**Clay**	39.0	40.75	33				51.0	53.0	<0.008	994				
		Black pyritic in places.	40.8	42.0	55				55.0	56.0	<0.008	244				
			42.0	44.0	90				58.0	59.0	<0.008	34				
			44.0	45.0	50				60.0	61.0	<0.008	37				
55.5	58.0	**Sandy Clay**	45.0	48.0	33				62.0	63.0	<0.008	40				
		Cream and yellow-orange in some sections. Gritty with moderate quartz grain component.	48.0	49.5	66				63.0	64.0	<0.008	34				
			49.5	50.7	84				64.0	65.0	<0.008	24				
			50.7	52.5	55				65.0	66.0	<0.008	29				
58.0	61.8	**Clay**	52.5	54.0	75				66.0	67.0	0.010	31				
		Black, pyritic.	54.0	55.0	80				67.0	68.0	0.160	34				
			55.0	56.0	100				68.0	69.0	0.255	34				
			56.0	57.0	70				69.0	70.0	0.011	21				
61.8	63.5	**Sand**	57.0	58.4	86				70.0	71.0	<0.008	22				
		Limonitic, yellow.	58.4	60.0	100				71.0	72.0	0.039	22				
			60.0	63.0	100				72.0	73.0	<0.008	23				
63.5	97.5	**Siltstone-Sandstone Sequence**	63.0	66.0	100				73.0	74.0	<0.008	22				
		Generally very broken and limonitic to 81.0 m, thereafter broken but fresh.	66.0	67.75	68				74.0	75.0	0.009	26				
			67.8	77.4	100				75.0	76.0	0.009	17				
			77.4	78.1	60				76.0	77.2	<0.008	29				
		64.5 m: decomposed sheared pyrite-orange siltstone.	78.1	79.2	82				77.2	78.0	<0.008	27				
			79.2	80.0	80				78.0	79.0	0.014	35				
			80.0	82.9	100				79.0	80.0	0.008	14				
		65.25 m: decomposed rock and brown sands.	82.9	84.0	82				80.0	81.0	0.026	22				
			84.0	97.5	100				81.0	82.0	0.008	23				

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN007

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
		75.3 m: light grey siltstone, **sheared, limonite** in places; some quartz veining near top of unit. Unit contains a number of very broken-brecciated units. Some vague leached shapes suggest this unit is fossiliferous.							82.0	83.0	0.136	509				
									83.0	84.0	0.196	371				
									84.0	85.0	0.013	83				
									85.0	86.0	0.256	1586				
									86.0	87.0	0.412	561				
									87.0	88.0	0.019	26				
									88.0	89.0	<0.008	15				
		77.5 m: sandstone, **limonitic** in places, generally cream coloured; ?fossilliferous, decomposed to sand below 76.5 m; BCA? 45°.							89.0	90.0	<0.008	<0.5				
									90.0	91.0	<0.008	16				
									91.0	92.0	<0.008	22				
									92.0	93.0	<0.008	15				
									93.0	94.0	<0.008	14				
		85.4 m: interbedded siltstone and sandstone generally fresh but broken. Still **limonitic** to 82 m, thereafter only minor limonite. Leached forms suggests unit originally fossiliferous.							94.0	95.0	<0.008	14				
									95.0	96.0	<0.008	13				
									96.0	97.0	<0.008	10				
									97.0	98.0	0.059	246				
		97.5 m: Siltstone with (interbedded sandstone). Light grey, fresh, no limonite; well bedded and less deformed than siltstone above. BCA 45°. 1-3% pyrite, disseminated and clots. Generally broken.							98.0	99.0	0.196	341				
									99.0	100.0	0.015	24				
97.5	98.7	**Quartz Veined Siltstone**	97.5	98.7	100											
		Possible fault zone; several generations; massive white quartz veining in light grey siltstone.														
		Pyrite abundant in thin fractures.														
98.7	213.0	**Siltstone-(Limestone) Calcite Veined**	98.7	213.0	100											
		Monotonous sequence light grey siltstone with minor off-white limestone or calcareous-siltstone beds.														
		Characteristic common 2-10 mm white calcite veining, generally 70-90° CA but some veins parallel to bedding and at low angles CA.														

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN007

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
		Veins restricted to siltstone units. Some 20-30 cm units of more massive white calcite. Calcite veins occasionally crenelated/ptygmatically folded. BCA 40-50°, but increasing down hole to 50-60°. Core reasonably competent but fractures common along greasy micaceous/sericitic bedding plane surfaces. Crinoidal shapes in some limestone beds. 2-3% pyrite as **fine** pervasive dissemination in siltstone, streaks and clots in both limestone and siltstone. Core broken, generally along shaley bedding planes, greasy and commonly graphitic. *** END ON HOLE ***														

5333 600N

370000E

LYN 007

213m

927

siltstone, limestone calcite veined, pyritic

1022

Sandstone, siltstone

1052

Clays

1105

5m 0.2Au 622As

PLAN VIEW

DIP PROFILE

(Looking North)

5m 0.20Au 622As

Au 0.1g/t; As moderately anomalous

Clays and sandy clays black and limonitic (after limestone?)

50

Au As
0.168 34
0.255 34

<0.10 Low

0.736 509
0.196 371
0.013 69
0.256 1586
0.472 361

0.196 341

Siltstone, sandstone

Base of limonite development

pyritic in places

Quartz veined siltstone (? fault)

100

150

Interbedded siltstone, minor limestone; abundant thin calcite veining 1-3% fine dissem. syngenetic pyrite

BCA: 40-50°
Increasing to 50-60° down hole

200

LYN 007 213m.

1100

1050

1000 (MSL)

950

900

R.L.
Mean Sea Level + 1000m.

5 cm

A46023

NEWNHAM EXPLORATION AND MINING SERVICES

E.L. 9/84 — LYNCHFORD AREA
GOLDSTREAM-TITAN J/V
DDH LYN 007

0m 40 Scale: 1:1000

Drawn: Z.A. Newnham Date: May 95 Figure: 1

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				
		Veining quite dense over some intervals.	42.0	44.4	100				60.0	63.0	0.017	715				
			44.4	56.5	100				74.0	75.0	0.016	396				
		1-2% pyrite throughout as fine disseminations, clots and concentrated in carbonaceous partings; occasional small breccia/fault zones have 5-10% pyrite.	56.5	59.0	60											
		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				
		Thus there was both HQ and NQ coring from 79.5-101.5 m.							99.0	100.0	<0.008	4				
									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

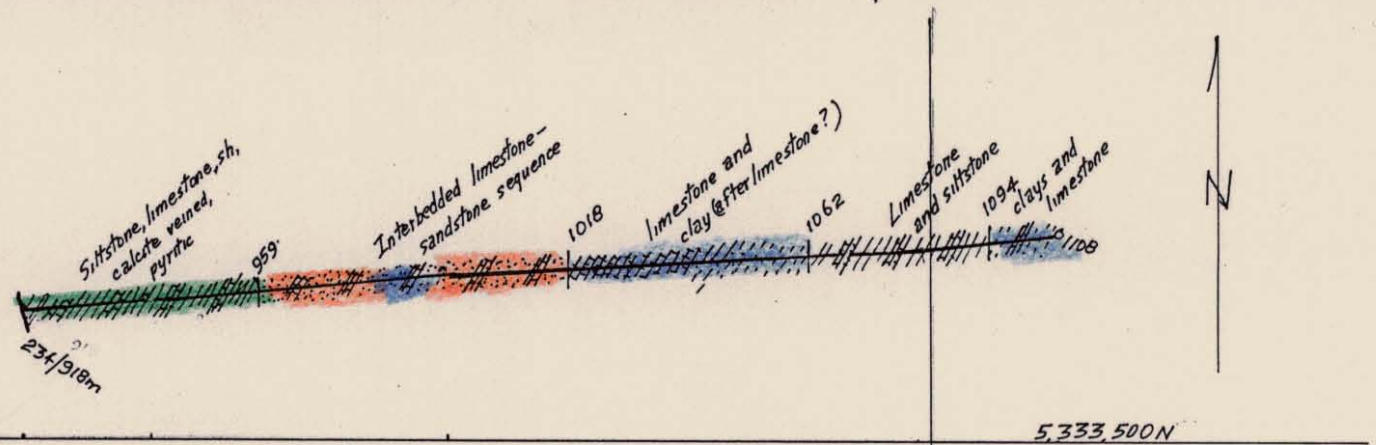
Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
110.8	132.0	**Limonitic & Fossiliferous Sandstone** Extremely broken (rubbly) limonitic sandstone. Fossiliferous with definite brachiopod and crinoid forms throughout. Core losses severe in places (see core 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

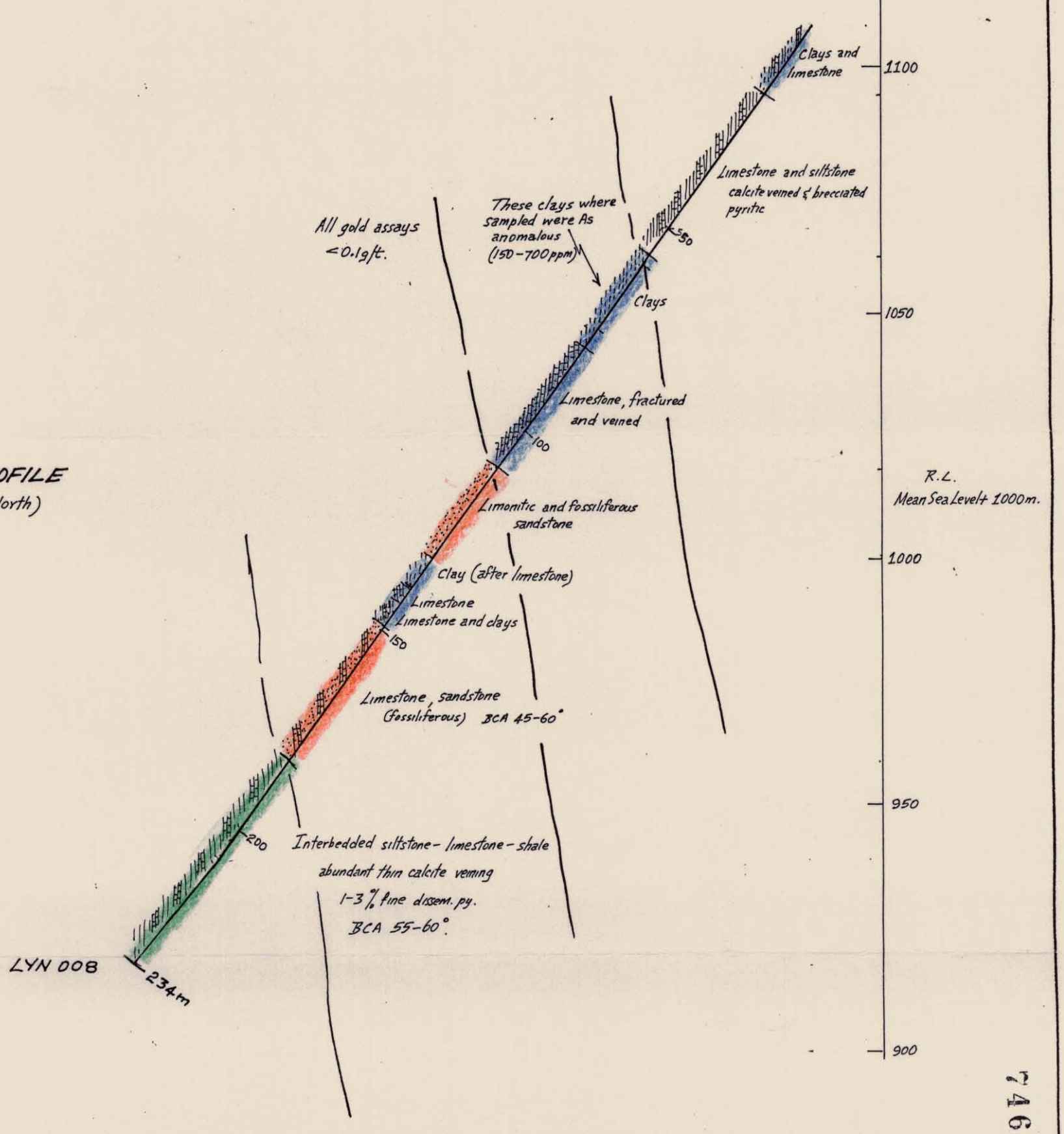
Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
148.0	182.0	**Sandstone-Limestone** Generally dark grey sandstone unit with thin limestone beds and shaley units. Quartz and quartz-carbonate veining common. **148.0-153.0 m:** very broken zone with major 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											

LYN 008

PLAN VIEW



DIP PROFILE
(Looking North)



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

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								

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													

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

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.														

COMPANY: Goldstream-Titan
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				
									148.0	149.0	0.009	23.0				
		Limestone is stylolitic.							149.0	150.0	0.016	31.9				
									150.0	151.0	0.008	21.6				
		Calcite veining to 150 m is often massive up to 200 mm veins; below 150 m tends to be network thinner veins.							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											

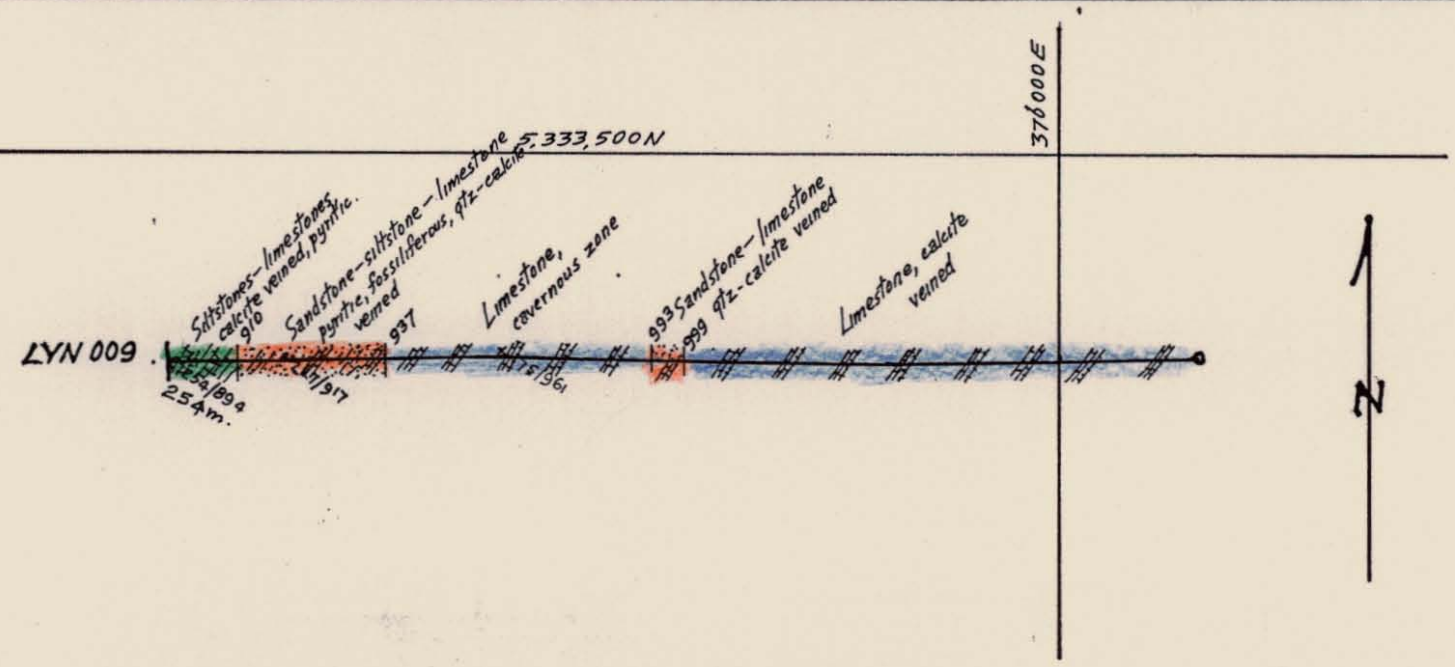
COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN009

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.														

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 ***														

PLAN VIEW



DIP PROFILE

(Looking North)

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:

746037

COMPANY: Goldstream Mining NL - Titan Resources NL
PROJECT: Lynchford EL 9/84
HOLE NUMBER: LYN010 & LYN101A

Commenced:	14 Feb 95
Completed:	13 Mar 95
Logged By:	L A Newnham
Drilled By:	Dia. Drill Tas

Purpose of Hole

To test at depth, the southern extension of the Au-As mineralisation encountered in surface exposures, adits and shallow RC and cored holes.

Comments on Completion

Only very minor gold and low As was intersected in a very degraded sequence of limestones and sandstones with poor core recoveries. Significant As from 218-222 m.

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMG	5333,425	376,020	1115	-60	268

Length (m)
257

Hole Size	
To (m)	**Size**
171	HQ
221	NQ
257	BQ

Significant Core Loss Zones		
From	**To**	**%Rec.**
160	230	Severe core
		loss (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**
			No significant assays								
184.5	186.0	40	Leached limestones	1.5	0.13	51					
218.0	222.0	60	Fossiliferous siltstones and sandstones	4.0	0.046	1095					

DOWN HOLE SURVEY DATA

COMPANY: Goldstream Mining-Titan Resources
PROJECT: Lynchford E.L.9/84
HOLE NUMBER: LYN 010 and LYN 010A

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					1115.00		0.00		5,333,425.0		376,020.0
0	-60	268	0	37.5	37.5	32.48	1082.52	18.75	18.75	-0.65	5,333,424.3	-18.74	376,001.3
75	-60.3	263	37.5	112.5	75	65.15	1017.38	37.16	55.91	-4.53	5,333,419.8	-36.88	375,964.4
150	-55.5	258	112.5	187.5	75	61.81	955.57	42.48	98.39	-8.83	5,333,411.0	-41.55	375,922.8
225	-59.5	249	187.5	241	53.5	46.10	909.47	27.15	125.54	-9.73	5,333,401.3	-25.35	375,897.5
257	-59.5	249	241	257	16	13.79	895.68	8.12	133.66	-2.91	5,333,398.3	-7.58	375,889.9
257													

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN010

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
0	3.0	**No Core.**	0.0	3.0	0											
			3.0	6.0	20											
3.0	7.5	**Sandy Mud**	6.0	7.5	20											
			7.5	103.8	100											
		Dark grey.														
7.5	132.4	**Limestone**														
									61.0	62.0	<0.008	7.5				
		Fresh, dark grey.							62.0	63.0	<0.008	7.1				
									63.0	64.0	<0.008	6.0				
		BCA 8 m: 45°.							64.0	65.0	<0.008	2.5				
									65.0	66.0	<0.008	5.4				
		White calcite veins throughout but abundant in some intervals, (eg) 10.8-13.0 metres.														
		Calcite often filling open joints as coarse translucent crystalline calcite.														
		20.0 - 23.0 m: limestone dark grey-black and very broken by jointing and carbonaceous material on joints.														
		BCA gradually flattening below 10 m, to 20-30° and occasionally parallel CA. Tracy pyrite (0.5%) throughout as syngenetic streaks and disseminations on bedding planes and stylolitic surfaces.														
		BCA generally 30-40° below 40 m.														
		60.8 - 66.5 m: limestone brecciated and cut by intense network of calcite veins and infilling in breccia interstices. 1-2% pyrite in breccia, in ground mass and replacing limestone fragments.														
		Below 70 m BCA generally 40°.														
		98.0 - 101.1 m: limestone brecciated, with abundant calcite as cross cutting veins and as breccia ground mass.														

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: *LYN010*

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To						
		101.1 - 132.4 m: massive limestone with abundant calcite veining; minor disseminated pyrite, syngenetic grains and in stylolites. Limestone broken by several joint sets and micro faulting. Very broken at 122.0-125.0 m.	103.8	160.0	100											
			160.0	161.5	66											
			161.5	162.0	80											
			162.0	163.0	60											
			163.0	170.0	100											
			170.0	171.9	45											
			171.9	172.7	100											
132.4	143.0	**Sandstone, Calcite Veined**	172.7	175.2	100											
			175.2	177.9	4				132.5	133.5	<0.008	9.7				
		Grey, medium grained sandstone with calcareous cement. Random network quartz-calcite veins.	177.9	178.6	60				133.5	134.5	<0.008	12.0				
			178.6	179.0	100				134.5	135.5	<0.008	12.0				
			179.0	181.6	28				135.5	136.5	<0.008	14.0				
		Only minor pyrite dissemination in sandstone ground mass and along small fracture surfaces. Only **minor** pyrite in quartz-carbonate veins.	181.6	182.2	16				136.5	137.5	<0.008	13.0				
			182.2	183.0	12				137.5	138.5	<0.008	50.0				
			183.0	186.0	13											
			186.0	189.0	7											
			189.0	190.4	85											
		Generally broken core.	190.4	191.3	100											
			191.3	194.0	5											
		Reduced to NQ at 141.5 m.	194.0	196.0	75											
			196.0	201.1	0											
		Grading into:	201.1	203.0	28											
			203.0	204.5	0											
143.0	153.5	**Fossiliferous Siltstone**	204.5	205.5	10											
			205.5	206.5	40											
		Dark grey siltstone with minor calcareous sandstone beds; abundant fossils? (?crinoid stems).	206.5	207.6	40											
			207.6	209.6	10											
			209.6	210.7	35											
		BCA 40-45°.	210.7	211.2	80											
			211.2	212.1	24											
		2-10 mm calcite veins in top half of unit; 70-80° CA.	212.1	214.6	0											
			214.6	216.0	35											
			216.0	218.5	0											
		0.5-1% **fine grain** pyrite (syngenetic). Thin less than1 mm carbonate veins in bottom half of unit.	218.5	219.5	30											
		Becomes gritting towards base and grades into:														

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN010

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
153.5	194.0	**Sandstone-Siltstones** Dark grey, broken sandstones with interbedded siltstone, sandstone has calcareous matrix. BCA variable 50-70°. Random calcite veining common. 1-2% pyrite disseminated throughout; some beds with 2-5% pyrite as blebs, aggregates and heavily disseminated. Unit generally broken with very poor recoveries below 177 m (hole was redrilled below 155 m - refer to log *LYN010A*).							154.0	155.0	<0.008	25				
									155.0	156.0	<0.008	40				
									156.0	157.0	<0.008	13				
194.0	219.5	Becomes calcareous towards base and grades into: **Clays, Sandstone** Poor recoveries. **194.0 - 204.0 m:** black clays. **204.0 - 209.6 m:** limonitic sandstone. **209.6 - 211.2 m:** light grey clays, sandy. **211.2 - 219.5 m:** grey siltstone and clays. Difficult to advance hole beyond this point. In attempting to ream casing, a new hole was commenced (HQ) at 156 m and recorded as LYN010A. *** END OF HOLE ***															

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN010A

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
		As a result of NQ drilling difficulties with LYN010, an attempt was made to ream HQ over the NQ. However, a new hole was run off as a result of this at 157.0 m. There are therefore two sections of core from 157.0-220.0 m. Because core recovery was better in LYN010A than LYN010, it was decided to sample LYN010A whole for assay. Therefore LYN010A from 157.0-220.0 m no longer remains as core. Coring commenced 157 m.														
157.0	184.5	**Pyritic Calcareous Sandstone** Medium grained, dark grey sandstone with calcareous ground mass, giving rock a lace like appearance. Random 1-20 mm quartz-carbonate veining common and several brecciated quartz veins. Wispy dark grey siltstone units common. 1-3% pyrite, more abundant in some sandstone beds and adjacent to quartz veins, especially where quartz veins are brecciated. Pyrite generally disseminated, occasionally in streaks and blebs. Core generally very broken and brecciated; some core loss zones reduced to NQ at 171 m (in pyritic quartz breccia). Below 175 m sequence of siltstone-sandstone is strongly sheared, and reduced to rubble in places.	157.0	158.5	100				157.0	158.0	<0.008	27				
			158.5	159.8	80				158.0	159.0	0.030	50				
			159.8	160.4	100				159.0	160.0	0.010	34				
			160.4	162.0	32				160.0	162.0	<0.008	41				
			162.0	163.1	50				162.0	164.0	<0.008	26				
			163.1	164.5	100				164.0	165.0	0.038	47				
			164.5	168.6	100				165.0	166.0	0.011	27				
			168.6	171.0	80				166.0	167.0	0.026	42				
			171.0	172.0	70				167.0	168.0	<0.008	28				
			172.0	174.5	80				168.0	169.0	0.008	30				
			174.5	175.0	80				169.0	170.0	<0.008	27				
			175.0	176.2	16				170.0	171.0	<0.008	44				
			176.2	177.4	45				171.0	173.0	<0.008	43				
			177.4	178.1	45				173.0	174.0	0.008	36				
			178.1	179.2	50				174.0	176.0	0.011	50				
			179.2	180.2	40				176.0	178.0	<0.008	21				
			180.2	180.7	80				178.0	180.0	<0.008	27				
			180.7	181.7	80				180.0	182.0	<0.008	28				
			181.7	182.2	80				182.0	184.5	<0.008	33				
			182.2	183.0	40											
			183.0	184.5	15											

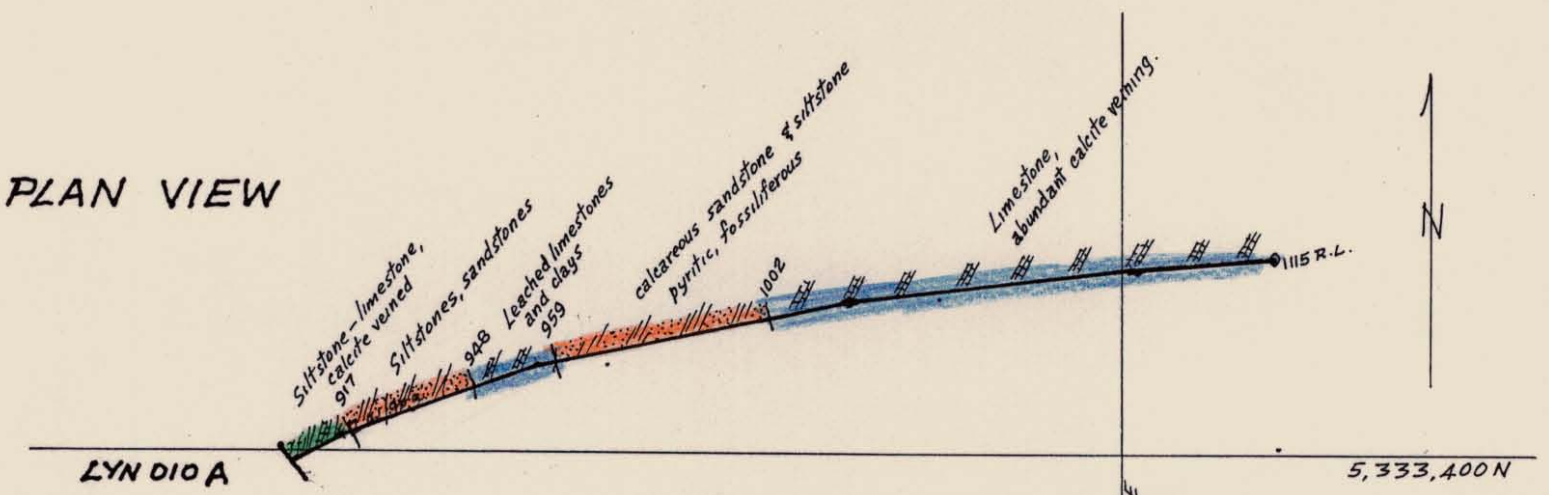
COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN010A

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
184.5	202.0	**Leached Limestone (severe core loss)**	184.5	186.0	40				184.5	186.0	0.129	51				
			186.0	188.0	0											
		Mixed zone of black-orange sandy clays and narrow beds of light grey limestone.	188.0	190.0	50				188.0	190.0	0.024	65				
			190.0	192.0	10				190.0	195.0	0.030	17				
			192.0	195.0	13				201.0	204.0	0.042	82				
		BCA 30o.	195.0	201.0	0											
			201.0	202.0	40											
		Core loss is extreme with only 1.5 m mud and 1.5 m limestone recovered.														
202.0	213.0	**Sandstone Limonitic, Fossiliferous**	202.0	204.0	40				204.0	207.0	<0.008	48				
			204.0	205.2	50				207.0	209.0	0.012	49				
		Medium grained sandstone, limonitic (after leached pyrite?).	205.2	207.0	16				209.0	211.0	0.009	41				
			207.0	207.5	80				211.0	216.5	0.026	261				
		Unit very broken and poor recoveries.	207.5	208.5	80											
			208.5	209.2	85											
		Minor pyrite in fresher sections near base of unit.	209.2	211.0	45											
			211.0	213.0	5											
		Crinoid stems.														
213.0	232.0	**Fossiliferous Siltstone & Minor Sandstone**	213.0	215.2	20											
			215.2	216.5	8											
		Dark grey siltstone, minor sandstone.	216.5	218.0	0											
			218.0	219.4	60				218.0	220.0	0.060	1049				
		BCA 40o?	219.4	220.0	66				220.0	222.0	0.032	1140				
			220.0	221.2	8											
		Very poor recoveries. Some 1-10 mm quartz veins near top of unit and at 223.5 m.	221.2	222.2	80											
			222.2	223.6	85											
		Rhynconella fossils.	223.6	225.0	14											
			225.0	227.0	10											
		Unit very broken, reduced to clays and muds in some sections.	227.0	228.0	80											
			228.0	228.5	20											
			228.5	231.9	45											
		Only very minor fine disseminated pyrite.														
		Reduced to BQ at 221.0 m.														

COMPANY: Goldstream-Titan
PROJECT: Lynchford
HOLE NUMBER: LYN010A

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	As				
232.0	257.0	**Calcite Veined Interbedded Siltstone-Limestone** Medium grey siltstone interbedded with light grey limestone. BCA 30°. Abundant 1-5 mm white calcite veins cutting core at high angles, typically 60-80° - only in siltstone beds. Up to 1% pyrite in bedding parallel streaks and disseminations (syngenetic pyrite?). Core broken and with poor recoveries near top of unit, becoming more competent towards base but still with some broken zones. *** END OF HOLE ***	231.9	233.5	87											
			233.5	237.0	80											
			237.0	240.0	82											
			240.0	242.4	90											
			242.4	248.2	100											
			248.2	250.4	80											
			250.4	252.0	100											
			252.0	252.9	50											
			252.9	253.4	80											
			253.4	257.0	100											

PLAN VIEW



DIP PROFILE

(Looking North)

NEWNHAM EXPLORATION AND MINING SERVICES

E.L. 9/84 – LYNCHFORD AREA

GOLDSTREAM–TITAN J/V

DDH LYN 010 and LYN 010A

0 40 Scale: 1:1,000

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

246046

APPENDIX B

(ASSAY DATA)

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746048

Phone (004) 316837 | 14 Thirkell St. COOEE TAS 7320 | Fax (004) 318890

ANALYTICAL REPORT No. 106743.60.10667

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

ORDER No.	PROJECT
L. NEWNHAM	

DATE RECEIVED	RESULTS REQUIRED
23/01/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
3	03/02/95	1

TOTAL No. OF SAMPLES: 55

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
LYN 007: VARIOUS	DC Prep : SP033	Au,Au(R),Au(S)/GG309 As/HA140 As/GA140

REMARKS

RESULTS TO

Mr Lindsay Newnham
Newnham Exploration & Mining Service
P.O. Box 132
RIVERSIDE TAS 7250

RESULTS TO

Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

RESULTS TO

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746049

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10667	03/02/95	L NEWNHAM	1 OF 3

	SAMPLE No.	Au	Au(R)	Au(S)	As	As			
METHOD		GG309	GG309	GG309	HA140	GA140			
1	LYN 007: 4-5	0.026	-	-	>100.0	115			
2	LYN 007: 7-8	0.010	-	-	>100.0	242			
3	LYN 007: 9-10	0.008	-	-	79.4	-			
4	LYN 007: 11-12	<0.008	-	-	>100.0	138			
5	LYN 007: 15-18	0.011	-	-	57.8	-			
6	LYN 007: 24-26	0.040	-	-	36.9	-			
7	LYN 007: 27-28	0.078	-	-	42.4	-			
8	LYN 007: 31-32	0.022	-	-	62.9	-			
9	LYN 007: 35-36	0.030	-	-	>100.0	223			
10	LYN 007: 38-39	0.015	-	-	40.9	-			
11	LYN 007: 42-43	0.038	-	-	>100.0	190			
12	LYN 007: 44-45	0.024	0.024	-	30.9	-			
13	LYN 007: 48-49	<0.008	-	-	40.3	-			
14	LYN 007: 51-53	<0.008	-	-	>100.0	994			
15	LYN 007: 55-56	<0.008	-	-	>100.0	244			
16	LYN 007: 58-59	<0.008	-	-	34.2	-			
17	LYN 007: 60-61	<0.008	-	-	37.0	-			
18	LYN 007: 62-63	<0.008	-	-	40.4	-			
19	LYN 007: 63-64	<0.008	-	-	34.0	-			
20	LYN 007: 64-65	<0.008	-	<0.008	23.8	-			
21	LYN 007: 65-66	<0.008	-	-	28.7	-			
22	LYN 007: 66-67	0.010	0.016	-	30.7	-			
23	LYN 007: 67-68	0.160	-	-	33.8	-			
24	LYN 007: 68-69	0.255	-	-	33.9	-			
25	LYN 007: 69-70	0.011	-	-	21.1	-			

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746050

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10667	03/02/95	L NEWNHAM	2 OF 3

	SAMPLE No.	Au	Au(R)	Au(S)	As	As			
METHOD		GG309	GG309	GG309	HA140	GA140			
1	LYN 007: 70-71	<0.008	-	-	21.8	-			
2	LYN 007: 71-72	0.039	-	-	22.2	-			
3	LYN 007: 72-73	<0.008	-	-	22.8	-			
4	LYN 007: 73-74	<0.008	-	-	22.3	-			
5	LYN 007: 74-75	0.009	-	-	26.1	-			
6	LYN 007: 75-76	0.009	-	-	17.3	-			
7	LYN 007: 76-77.2	<0.008	-	-	29.4	-			
8	LYN 007: 77.2-78	<0.008	-	<0.008	26.9	-			
9	LYN 007: 78-79	0.014	-	-	34.7	-			
10	LYN 007: 79-80	0.008	-	-	13.9	-			
11	LYN 007: 80-81	0.026	-	-	21.9	-			
12	LYN 007: 81-82	0.008	0.009	-	23.0	-			
13	LYN 007: 82-83	0.136	-	-	>100.0	509			
14	LYN 007: 83-84	0.196	-	-	>100.0	371			
15	LYN 007: 84-85	0.013	-	-	82.7	-			
16	LYN 007: 85-86	0.256	-	-	>100.0	1586			
17	LYN 007: 86-87	0.412	-	-	>100.0	561			
18	LYN 007: 87-88	0.019	-	-	26.0	-			
19	LYN 007: 88-89	<0.008	-	-	14.9	-			
20	LYN 007: 89-90	<0.008	-	<0.008	<0.5	-			
21	LYN 007: 90-91	<0.008	-	-	15.7	-			
22	LYN 007: 91-92	<0.008	<0.008	-	22.3	-			
23	LYN 007: 92-93	<0.008	-	-	15.5	-			
24	LYN 007: 93-94	<0.008	-	-	14.0	-			
25	LYN 007: 94-95	<0.008	-	-	13.8	-			

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746051

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10667	03/02/95	L NEWNHAM	3 OF 3

	SAMPLE No.		Au	Au(R)	Au(S)	As	As			
METHOD			GG309	GG309	GG309	HA140	GA140			
1	LYN 007: 95-96		<0.008	-	-	12.8	-			
2	LYN 007: 96-97		<0.008	-	-	10.2	-			
3	LYN 007: 97-98		0.059	-	-	>100.0	246			
4	LYN 007: 98-99		0.196	-	-	>100.0	341			
5	LYN 007: 99-100		0.015	-	-	23.8	-			
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION		0.008	0.008	0.008	0.5	50			
25	UNITS		ppm	ppm	ppm	ppm	ppm			

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746052

Phone (004) 316837 | 14 Hurkell St, COBEE TAS 7320 | Fax (004) [illegible]

ANALYTICAL REPORT No. 106/45.60.10705

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:
Goldstream Mining NL
P.O. Box 1023
WEST PERTH WA 6872

ORDER No.	PROJECT
L NEWNHAM	

DATE RECEIVED	RESULTS REQUIRED
13/02/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
	[illegible]	[illegible]	4[illegible]

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
[illegible]	[illegible] Prep : SP033	Au,Au(R),Au(S)/GG309
		As/AA140, As/GA140

RESULTS TO
Goldstream Mining NL
P.O. Box 1023
WEST PERTH WA 6872

RESULTS TO
Mr Lindsay Newnham
Newnham Exploration & Mining Service
P.O. Box 132
RIVERSIDE TAS 7250

RESULTS TO

REMARKS

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746053

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10705	28/02/95	L NEWNHAM	1 OF 2

	SAMPLE No.			Au	Au(R)	Au(S)	As	As		
METHOD				GG309	GG309	GG309	HA140	GA140		
1	LYN 008:	6-9		0.060	-	-	>50.0	87		
2	LYN 008:	9-10		0.036	-	-	>50.0	312		
3	LYN 008:	12-13		<0.008	-	-	16.1	-		
4	LYN 008:	18-19		<0.008	-	-	21.6	-		
5	LYN 008:	24-25		<0.008	-	<0.008	10.6	-		
6	LYN 008:	29-30		<0.008	-	-	5.3	-		
7	LYN 008:	32-33		<0.008	-	-	10.7	-		
8	LYN 008:	36-37		0.008	-	-	8.0	-		
9	LYN 008:	42.5-43.5		<0.008	-	-	14.8	-		
10	LYN 008:	47-48		<0.008	-	-	9.5	-		
11	LYN 008:	51-52		<0.008	-	-	12.6	-		
12	LYN 008:	53-54		<0.008	<0.008	-	13.5	-		
13	LYN 008:	57-59		<0.008	-	-	>50.0	145		
14	LYN 008:	60-63		0.017	-	-	>50.0	715		
15	LYN 008:	74-75		0.016	-	-	>50.0	396		
16	LYN 008:	80-81		<0.008	-	-	20.4	-		
17	LYN 008:	81-82		<0.008	-	-	5.3	-		
18	LYN 008:	82-83		<0.008	-	-	10.0	-		
19	LYN 008:	83-84		<0.008	-	-	14.3	-		
20	LYN 008:	87-88		<0.008	-	-	18.7	-		
21	LYN 008:	88-89		<0.008	-	-	28.6	-		
22	LYN 008:	90-91		<0.008	<0.008	-	17.0	-		
23	LYN 008:	91-92		<0.008	-	-	24.2	-		
24	LYN 008:	92-93		<0.008	-	-	21.6	-		
25	LYN 008:	93-94		<0.008	-	-	24.0	-		

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

ANALYTICAL DATA

746054

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10705	28/02/95	L NEWNHAM	2 OF 2

	SAMPLE No.				Au	Au(R)	Au(S)	As	As		
METHOD					GG309	GG309	GG309	HA140	GA140		
1	LYN 008:	94-95			0.008	-	-	27.5	-		
2	LYN 008:	95-96			0.011	-	-	36.0	-		
3	LYN 008:	96-97			<0.008	-	-	18.9	-		
4	LYN 008:	97-98			<0.008	-	-	13.0	-		
5	LYN 008:	98-99			<0.008	-	-	9.1	-		
6	LYN 008:	99-100			<0.008	-	-	4.3	-		
7	LYN 008:	100-101			<0.008	-	-	21.3	-		
8	LYN 008:	101-102			<0.008	-	-	15.2	-		
9	LYN 008:	102-103			0.011	-	-	16.4	-		
10	LYN 008:	103-104			0.011	-	0.008	21.0	-		
11	LYN 008:	104-105			0.010	-	-	20.4	-		
12	LYN 008:	105-106			0.010	-	-	21.3	-		
13	LYN 008:	106-107			<0.008	-	-	6.4	-		
14	LYN 008:	107-108			0.011	-	-	19.6	-		
15	LYN 008:	108-109			0.013	-	-	23.6	-		
16	LYN 008:	109-110			0.008	-	-	24.8	-		
17	LYN 008:	110-112			0.016	-	0.014	39.3	-		
18	LYN 008:	112-115			<0.008	-	-	>50.0	85		
19	LYN 008:	115-118			<0.008	-	-	>50.0	71		
20	LYN 008:	118-120			<0.008	-	-	>50.0	50		
21											
22											
23											
24	DETECTION				0.008	0.008	0.008	0.5	50		
25	UNITS				ppm	ppm	ppm	ppm	ppm		

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746055

Phone (004) 31e837 | 14 Thirkell St. CODEE TAS 7320 | Fax (004) 31e839

ANALYTICAL REPORT No. 106743.60.10722

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

ORDER No.	PROJECT
L. NEWNHAM	

DATE RECEIVED	RESULTS REQUIRED
21/02/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
2	03/03/95	1	26

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
LYN 008 & LYN 009 VARIOUS	DC Prep : GP033	Au,Au(R),Au(S)/GG309 As/HA140, As/GA140

REMARKS

RESULTS TO

Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

RESULTS TO

Mr Lindsay Newnham
Newnham Exploration & Mining Service
P.O. Box 132
RIVERSIDE TAS 7250

RESULTS TO

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746056

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10722	03/03/95	L NEWNHAM	1 OF 2

	SAMPLE No.			Au	Au(R)	Au(S)	As	As		
METHOD				GG309	GG309	GG309	HA140	GA140		
1	LYN 008:	120-122		0.012	-	-	>50.0	50		
2	LYN 008:	122-124		<0.008	-	-	36.5	-		
3	LYN 008:	124-126		<0.008	-	<0.008	24.4	-		
4	LYN 008:	126-128		0.012	-	-	36.1	-		
5	LYN 008:	128-130		0.014	-	-	21.2	-		
6	LYN 008:	130-132		0.019	-	-	38.0	-		
7	LYN 008:	132-134		0.023	-	-	>50.0	50		
8	LYN 008:	134-136		0.010	-	-	>50.0	50		
9	LYN 008:	136-138		0.045	-	-	44.8	-		
10	LYN 008:	138-139		0.011	-	-	44.6	-		
11	LYN 008:	139-141		<0.008	-	-	20.7	-		
12	LYN 008:	141-143		<0.008	<0.008	-	13.0	-		
13	LYN 008:	143.5-145.5		<0.008	-	-	17.7	-		
14	LYN 008:	147-148		<0.008	-	-	15.1	-		
15	LYN 008:	150-152		0.023	-	-	35.5	-		
16	LYN 008:	155-157		0.035	-	-	>50.0	50		
17	LYN 008:	159-161		0.009	-	-	50.0	-		
18	LYN 008:	162-164		0.064	-	-	>50.0	88		
19	LYN 008:	164-165		0.025	-	-	48.6	-		
20	LYN 008:	166-168		0.014	-	-	>50.0	52		
21	LYN 008:	173-174		0.015	-	<0.008	34.3	-		
22	LYN 008:	176-177		0.022	0.023	-	>50.0	50		
23	LYN 008:	179-180		<0.008	-	-	20.7	-		
24	LYN 008:	182-183		<0.008	-	-	30.4	-		
25	LYN 009:	5-6		<0.008	-	-	41.0	-		

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746057

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10722	03/03/95	L NEWNHAM	2 OF 2

	SAMPLE No.			Au	Au(R)	Au(S)	As	As		
METHOD				GG309	GG309	GG309	HA140	GA140		
1	LYN 009:	9-10		<0.008	-	-	>50.0	50		
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION			0.008	0.008	0.008	0.5	50		
25	UNITS			ppm	ppm	ppm	ppm	ppm		

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Ultralabs

Ultralabs Pty. Ltd.
A.C.N. 004 591 084

746058

Phone (004) 51553 | 14 Innkell St. COOEE TAS 7320 | Fax (004) 318890

ANALYTICAL REPORT No. 106743.60.10783

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL CERT

INVOICE TO:	ORDER No.	PROJECT
Goldstream Mining NL P.O. Box 1073 WEST PERTH WA 6872	L. NEWNHAM	

DATE RECEIVED	RESULTS REQUIRED
17/03/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
2	28/03/95	1	29

SAMPLE NUMBERS	SAMPLE DESCRIPTION	SELECTED ANALYSES
LYN 069: VARIOUS	DC Prep : GP033	As/GA140,As/HA140 Au,Au(R),Au(S)/GG309

RESULTS TO

Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

RESULTS TO

Mr Lindsay Newnham
Newnham Exploration & Mining Services
P.O. Box 132
RIVERSIDE TAS 7250

RESULTS TO

REMARKS

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746059

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
/	106743.60.10783	28/03/95	L. NEWNHAM	1 OF 2

	SAMPLE No.		Au	Au(R)	Au(S)	As	As			
METHOD			GG309	GG309	GG309	GA140	HA140			
1	LYN 009:	130-131	<0.008	-	-	<50	16.0			
2	LYN 009:	131-132	<0.008	-	-	<50	15.0			
3	LYN 009:	132-133	<0.008	-	-	<50	9.1			
4	LYN 009:	133-134	<0.008	-	-	<50	9.9			
5	LYN 009:	134-135	<0.008	-	-	<50	6.0			
6	LYN 009:	189-190	<0.008	-	-	<50	6.4			
7	LYN 009:	192-193	0.008	-	-	<50	9.3			
8	LYN 009:	197-198	<0.008	-	-	<50	6.1			
9	LYN 009:	198-199	<0.008	-	-	<50	5.1			
10	LYN 009:	199-200	<0.008	-	-	<50	13.0			
11	LYN 009:	209-210	<0.008	-	-	<50	17.0			
12	LYN 009:	210-211	<0.008	0.011	-	<50	20.0			
13	LYN 009:	211-212	0.012	-	-	53	-			
14	LYN 009:	212-213	<0.008	-	-	68	-			
15	LYN 009:	213-214	0.006	-	-	<50	30.0			
16	LYN 009:	214-216	<0.008	-	-	<50	22.0			
17	LYN 009:	216-218	0.009	-	-	<50	20.0			
18	LYN 009:	222-223	<0.008	-	-	<50	29.0			
19	LYN 009:	223-224	0.010	-	-	<50	22.0			
20	LYN 009:	224-225	0.099	-	0.120	53	-			
21	LYN 009:	225-226	1.143	-	-	<50	39.0			
22	LYN 009:	226-227	0.017	0.039	0.024	<50	34.0			
23	LYN 009:	230-231	0.047	-	-	50	-			
24	LYN 009:	231-232	0.021	-	-	<50	35.0			
25	LYN 009:	232-233	0.019	-	-	<50	32.0			

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746060

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
/	106743.60.10783	28/03/95	L. NEWNHAM	2 OF 2

	SAMPLE No.		Au	Au(R)	Au(S)	As	As			
METHOD			GG309	GG309	GG309	GA140	HA140			
1	LYN 009:	234-235	0.011	-	-	<50	49.0			
2	LYN 009:	235-236	0.010	-	-	<50	38.0			
3	LYN 009:	236-237	0.010	-	-	<50	11.0			
4	LYN 009:	237-238	<0.008	-	-	<50	15.0			
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION		0.008	0.008	0.008	50	0.5			
25	UNITS		ppm	ppm	ppm	ppm	ppm			

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

14 Thirkell St. CODEE TAS 7320
Phone (004) 316837
Fax (004) 318890

746061

ANALYTICAL REPORT No. 106743.60.10731

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

ORDER No.	PROJECT
L. NEWNHAM	

DATE RECEIVED	RESULTS REQUIRED
23/02/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
1	08/03/95	1

TOTAL No. OF SAMPLES: 16

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
LYN VARIOUS	DC Prep : GP033	Au,Au(R),Au(S)/BG309 As/GA140 As/HA140

REMARKS

RESULTS TO

Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

RESULTS TO

Mr Lindsay Newnham
Newnham Exploration & Mining Service
P.O. Box 752
RIVERSIDE TAS 7250

RESULTS TO

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746062

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
. . . .	106743.60.10731	08/03/95	L NEWNHAM	1 OF 1

	SAMPLE No.		Au	Au(R)	Au(S)	As	As			
METHOD			GG309	GG309	GG309	GA140	HA140			
1	LYN 008:	210-211	0.021	-	-	50	-			
2	LYN 008:	211-212	0.013	-	-	50	-			
3	LYN 009:	18-19	<0.008	-	<0.008	<50	13.2			
4	LYN 009:	24-25	<0.008	-	-	<50	9.2			
5	LYN 009:	28-29	<0.008	-	-	<50	27.6			
6	LYN 009:	32-33	<0.008	-	-	<50	13.8			
7	LYN 009:	40-41	<0.008	-	-	<50	9.7			
8	LYN 009:	44-45	<0.008	-	-	<50	6.0			
9	LYN 009:	65-66	<0.008	-	-	<50	16.0			
10	LYN 009:	84-85	<0.008	-	-	<50	7.0			
11	LYN 009:	96-97	<0.008	-	-	<50	14.1			
12	LYN 009:	113-114	<0.008	<0.008	-	<50	17.7			
13	LYN 009:	122-123	<0.008	-	-	<50	5.0			
14	LYN 009:	144-145	0.008	-	-	<50	18.6			
15	LYN 009:	145-146	0.008	-	-	<50	16.8			
16	LYN 009:	146-147	<0.008	-	-	<50	10.6			
17										
18										
19										
20										
21										
22										
23										
24	DETECTION		0.008	0.008	0.008	50	0.5			
25	UNITS		ppm	ppm	ppm	ppm	ppm			

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

14 Thirkell St. DEVONPORT TAS 7320
Phone (004) 316837
Fax (004) 318890

746063

ANALYTICAL REPORT No. 106/45.50.10741

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:
Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

ORDER No.	PROJECT
L. NEWNHAM	

DATE RECEIVED	RESULTS REQUIRED
27/02/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
1	09/03/95	1

TOTAL No. OF SAMPLES: 30

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
LYN 009: VARIOUS	BC Prep : GP033	Au,Au(R),Au(S)/GG309 As/GA140 As/HA140

REMARKS

RESULTS TO:
Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

RESULTS TO:
Mr Lindsay Newnham
Newnham Exploration & Mining Service
P.O. Box 132
RIVERSIDE TAS 7250

RESULTS TO:

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746064

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10741	09/03/95	L NEWNHAM	1 OF 2

	SAMPLE No.			Au	Au(R)	Au(S)	As	As		
METHOD				GG309	GG309	GG309	GA140	HA140		
1	LYN 009:	140-141		0.008	-	-	<50	11.6		
2	LYN 009:	141-142		<0.008	-	-	<50	19.8		
3	LYN 009:	147-148		0.012	-	-	<50	30.4		
4	LYN 009:	148-149		0.009	-	-	<50	23.0		
5	LYN 009:	149-150		0.016	-	-	<50	31.9		
6	LYN 009:	150-151		0.008	-	0.008	<50	21.6		
7	LYN 009:	151-152		<0.008	-	-	<50	12.6		
8	LYN 009:	152-153		<0.008	-	-	<50	5.3		
9	LYN 009:	153-154		<0.008	-	-	<50	11.5		
10	LYN 009:	154-155		<0.008	-	-	<50	19.6		
11	LYN 009:	155-156		<0.008	-	-	<50	8.9		
12	LYN 009:	156-157		<0.008	<0.008	-	<50	9.4		
13	LYN 009:	157-158		0.009	-	-	<50	19.7		
14	LYN 009:	158-159		0.008	-	-	<50	22.7		
15	LYN 009:	159-160		0.008	-	-	<50	14.6		
16	LYN 009:	160-161		0.008	-	-	<50	21.2		
17	LYN 009:	161-163		0.026	-	-	50	-		
18	LYN 009:	163-164		<0.008	-	-	<50	14.0		
19	LYN 009:	164-165		0.008	-	-	<50	8.2		
20	LYN 009:	165-166		<0.008	-	-	<50	14.2		
21	LYN 009:	166-171		0.020	-	-	<50	43.4		
22	LYN 009:	172.3-174		0.232	0.236	-	<50	47.9		
23	LYN 009:	184-185		<0.008	-	-	<50	5.5		
24	LYN 009:	185-187		0.008	-	-	<50	7.0		
25	LYN 009:	188-189		<0.008	-	-	<50	8.5		

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

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Analabs Pty. Ltd.
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ANALYTICAL DATA

746065

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10741	09/03/95	L NEWNHAM	2 OF 2

	SAMPLE No.			Au	Au(R)	Au(S)	As	As		
METHOD				GG309	GG309	GG309	GA140	HA140		
1	LYN 009:	200-202		0.010	-	-	<50	14.2		
2	LYN 009:	202-204		0.010	-	0.008	<50	13.2		
3	LYN 009:	204-206		<0.008	-	-	<50	16.5		
4	LYN 009:	206-208		<0.008	-	-	<50	8.0		
5	LYN 009:	208-209		0.012	-	-	60	-		
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION			0.008	0.008	0.008	50	0.5		
25	UNITS			ppm	ppm	ppm	ppm	ppm		

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746066

Phone (004) 316837 | 14 Thirkell St. DUDEE TAS 7320 | Fax (004) 318879

ANALYTICAL REPORT No. 106743.60.10797

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

ORDER No.	PROJECT
L. NEWNHAM	

DATE RECEIVED	RESULTS REQUIRED
24/03/95	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
2	07/04/95	1

TOTAL No. OF SAMPLES: 43

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
LIN 010: VARIOUS	DC Prep : BP033	Au,Au(R),Au(S)/BB309 As/BA140,As/HA140

REMARKS

RESULTS TO

Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

RESULTS TO

Mr Lindsay Newnham
Newnham Exploration & Mining Service
P.O. Box 132
RIVERSIDE TAS 7250

RESULTS TO

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 604

746067

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.10797	07/04/95	L NEWNHAM	1 OF 2

	SAMPLE No.			Au	Au(R)	Au(S)	As	As		
METHOD				GG309	GG309	GG309	GA140	HA140		
1	LYN 010:	61-62		<0.008	-	-	<50	7.5		
2	LYN 010:	62-63		<0.008	-	-	<50	7.1		
3	LYN 010:	63-64		<0.008	-	-	<50	6.0		
4	LYN 010:	64-65		<0.008	-	-	<50	2.5		
5	LYN 010:	65-66		<0.008	-	-	<50	5.4		
6	LYN 010:	132.5-133.5		<0.008	-	-	<50	9.7		
7	LYN 010:	133.5-134.5		<0.008	-	-	<50	12.0		
8	LYN 010:	134.5-135.5		<0.008	-	-	<50	12.0		
9	LYN 010:	135.5-136.5		<0.008	-	-	<50	14.0		
10	LYN 010:	136.5-137.5		<0.008	-	-	<50	13.0		
11	LYN 010:	137.5-138.5		<0.008	-	-	50	-		
12	LYN 010:	154-155		<0.008	<0.008	<0.008	<50	25.0		
13	LYN 010:	155-156		<0.008	-	-	<50	40.0		
14	LYN 010:	156-157		<0.008	-	-	<50	13.0		
15	LYN 010:	157-158		<0.008	-	-	<50	27.0		
16	LYN 010:	158-159	Should be LYN010A	0.030	-	-	50	-		
17	LYN 010:	159-160		0.010	-	-	<50	34.0		
18	LYN 010:	160-162		<0.008	-	-	<50	41.0		
19	LYN 010:	162-164		<0.008	-	-	<50	26.0		
20	LYN 010:	164-165		0.038	-	-	<50	47.0		
21	LYN 010:	165-166		0.011	-	-	<50	27.0		
22	LYN 010:	166-167		0.026	-	0.031	<50	42.0		
23	LYN 010:	167-168		<0.008	-	-	<50	28.0		
24	LYN 010:	168-169		0.008	-	-	<50	30.0		
25	LYN 010:	169-170		<0.008	-	-	<50	27.0		

Results in ppm unless otherwise specified
- = element not determined

IS = Insufficient sample
SNR = sample not received

AUTHORISED OFFICER

Analabs

Analabs Pty. Ltd.
A.C.N. 004 591 664

746068

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	106743.60.107[illegible]7	07/04/95	L NEWNHAM	2 OF 2

	SAMPLE No.			Au	Au(R)	Au(S)	As	As		
METHOD				GG309	GG309	GG309	GA140	HA140		
1	LYN 010:	170-171		<0.008	-	-	<50	44.0		
2	LYN 010:	171-173		<0.008	-	-	<50	43.0		
3	LYN 010:	173-174		0.008	-	-	<50	36.0		
4	LYN 010:	174-176		0.011	-	-	50	-		
5	LYN 010:	176-178		<0.008	-	-	<50	21.0		
6	LYN 010:	178-180		<0.008	-	-	<50	27.0		
7	LYN 010:	180-182		<0.008	-	-	<50	28.0		
8	LYN 010:	182-184.5		<0.008	-	<0.008	<50	33.0		
9	LYN 010:	184.5-186		0.129	-	-	51	-		
10	LYN 010:	188-190		0.024	-	-	65	-		
11	LYN 010:	190-195		0.030	-	-	<50	17.0		
12	LYN 010:	201-204		0.042	0.044	-	82	-		
13	LYN 010:	204-207		<0.008	-	-	<50	48.0		
14	LYN 010:	207-209		0.012	-	-	<50	49.0		
15	LYN 010:	209-211		0.009	-	-	<50	41.0		
16	LYN 010:	211-216.5		0.026	-	0.028	261	-		
17	LYN 010:	218-220		0.060	-	-	1049	-		
18	LYN 010:	220-222		0.032	-	-	1140	-		
19										
20										
21										
22										
23										
24	DETECTION			0.008	0.008	0.008	50	0.5		
25	UNITS			ppm	ppm	ppm	ppm	ppm		

Results in ppm unless otherwise specified
- = element not determined

IS = insufficient sample
SNR = sample not received

AUTHORISED OFFICER

375 900m E

376 900m E

375 800m E

Halls Creek

Queens Town

Harveys Creek

Goring Creek

ABT RAILWAY

Indian

533 3600m N

533 3400m N

SST-QTZ

Sh-SLT

qtzites, Socc. lt gy

85°

Sh+sltst Slumped

One brachiopod in sst sltst

Sltst., occas thin sst bed, lmn in parts gen lt gy, dk brn slumped

qtzites, Socc lt gy

Limonitic sst + sh + QV

massive lt gy sst with qtz veins

CRC 13 25m

Sltst + sh "sheared" lt brn, lmn in part

sh + sltst lt brn soft

Sh, lt gy lmn in part

CRC 12 27m

Sh, lt gy fissile, lmn in thin beds

Clay, yellow, brn blue Lst or calc sed ?

Sltst., sml., lt gy-brn, QV's up 20 mm generally dipping N E overlain by thin sst-sh unit lmn

Sh+sst overlain by 0.5m choc brn Lst° bed which thins S and dies out

Sst + sh lt gy, QV's in sst slumped

Sh lt gy lmn on joints and bedding Slumped underlies sst unit above

Qtzite, lt gy QV's 5 20mm random orient Unit slumped between 2 sh beds.

Sh sltst., lt brn lt gy soft, fissile decomposed lmn in thin beds

Siltstone-Sandstone Pyritic in places

Clays

Limestone

Siltstone-Limestone Calcite Veined Pyritic

LYN 007

SLT - SH - L

Sh, sltst lt brn., fawn, purple Limonitic.

Bedding°/Cleavage°

CRC9 60m

S - L

SST-QTZ

Qtzite lt gy QV's at random

Sh, sst lt brn-gy soft, lmn in part

Qtzite lt gy, QV's Sh,brn, lmn on beds

Qtzite, lt gy - brn QV's at random

Sh,sltst lt gy-brn, (QV) Slumped dipping E ?

Qtzite sst, brn, 5-10mm QV's

Sst,sh,sltst (QV)

Bedding 215/SE Slumped °

Limestone - Siltstone

Clays

Limestone

SH-SLT-SST

Sh, sltst, lt gy-lt brn limonitic, in part Bedding slumped, strongly cleaved 180/E 50° 50/E 80°

Sh,sltst, limonitic

Sh, sltst., lt gy, qtzite component mgr. Limestone-sandstone-Clays Fossiliferous

Qtzites, lt gy, minor sh., lt brn Network QV's., random

old workings

Siltstone-Limestone Calcite Veined Pyritic

LYN 008

Qtzite 1145m

sst., fawn sltst, sh lt gy (qtzite) lmn & choc brn beds occassionally

Black pug sub o/c weathered lst?

Sandy, brn massive intensely weathered °Leached Lst ?

Black pug, weathered Lst

Coarse pyrite +10-15% QV's

CRC 8 81m

LYN 005

Shale / sltst + minor sst.

Sandstone

S - L

Sh,sltst., lt gy lt brn, bedded, fissile, slumped

lmn & choc brn at some beds + Lst° or calcareous seds

Blocks qtzite with QV's not o/c, possibly from up hill?

Occassional 50-75 mm QV's

sh, sltst, (qtzite) lt gy cream

Old workings

64m CRC 1

Limestone - Calcite veined

Quartz - carbonate veining zones

Shales/sltst + limestones

LYN 001

SLT - SH - L

Interbedded limestones - siltstones, with calcite veins

Fossiferous-Pyritic

Sandstone Siltstone - limestone

Lst - Coarse

CRC 2

sh+sltst., lt gy, foliated lmn thin random QV's

Sltst.,sh., lt gy limonitic several zones thin QV's (5-100 mm)

LYN 009

Sh,sltst., lt gy-lt brn lmn minor QV's in qtzite.

Q-py-Asp Min zone

Q-py(lmn) min

Sltst.,sh., lt brn-lt gy limonitic, slumped

Qtzite with QV's

Qtzites, lt gy, QV's with sst (sh), sltst Unit slumped

LT-91-1

Qtzite lt gy QV's

CRC 3 66m

QV generally dip SW,SE

Narrow limonitic beds

Sandy-Clay zone with relict sandy frags; blue gy; weathered lst

Qtzites, lt gy; sst lt brn-fawn and lmn

Random narrow QV's in sst & qtzite

Interbedded sst lmn., and sh, ½ gy lmn on bedding & joints bedding slumped

Sh,sltst., lt gy, fawn, (limonite) on some beds

Shales

Broken °sheared

Qtzite lt gy, QV's minor sh beds, lt brn,orange

Qtzite lt gy, QV's

Au - As Anomalous zone

Lt gy-qtzites, QV's (Shales)

Breccia / Gossan

CRC 10 60m

Interbedded sh, sltst., lt gy - fawn - lt brn (limonitic)

Sh,sltst,sst,qtzite, lt gy-fawn, narrow vn - qtz zones

Qtzites, sh, sltst,sst interbeds. Minor dk brn beds = calc.sed ?

Bedding slumped ?

Sh,lt gy-lt brn (lim.) broken

Interbedded sst Lst's

Siltstones Sandstones Minor limestones

Sh,limestones, numerous calcite veins

Oolitic Limestone

Thin(lm.) calcareous bed

LYN 004

CRC 7 77m

Lt-dk brn silty clay = ? weathered Lst ? calc sed?

Minor shley and limonitic beds

Sh,sltst,lt gy-lt brn., laminated, fissile slumped lmn on bedding and joints Black-choc brn in narrow intervals = Lst bed?

Limonitic towards end

Lst previously mapped as ck

Shales, sltst., lt gy, lmn Steeply dipping but slumped

SLT - SH - L

Sets limonitic sh, blue gy clayey, (qtzites) - limonitic

Sltst sst + (sh qtzite beds) Limonitic, minor Q.V's

Qtzite, lt gy, QV's

Sh, sltst., weathered to blue-gy silty clays

CRC 11 48m

Sal cream limonitic brachiopods = cmfloods' Massive bedding ?

Limonitic Au-As zone occuring at top of this sandstone unit, outcrops along top road and intersected in adits and LYN 003 and LYN 004 and several RC holes

Sh,sltst.,sst., limonitic, Minor sh., lt gy

SLT-SST

Sh,sltst.,sst brn-orange limonitic stumped, no bedding

Sh,sltst., narrow Q-lim zones

Gy sh + sst

CRC 4 65m

LYN 010A

Sh,sltst., (qtzites) Lt gy - buff brn, limonitic

Qtz vn

Lst zone lower hole

SST-QTZ

LYN 003

Sh,sltst.,sst., limonitic

SLT - SH - L

Sh,sltst,sst.,Lt gy limonitic

Bedding

sht, sltst., Limonitic

Sh,sltst lt brn-purple limonitic Brachiopods

CRC 6 48m

SECTION A

SECTION B

F1

F2

F3

F4

? F

(L)

(SH)

L

S - L

SLT - SH - L

C

?

A

A'

B

B'

NOTE

THE INTERPRETATIVE GEOLOGY SHOWN ON THIS PLAN IS AT R L 1000

THE SEQUENCE AS SHOWN IS

LIMESTONE (L)	Dk gy limestone when fresh, degraded to black - orange clays in places
SANDSTONE - SHALE - LIMESTONE (S L)	Medium grained sandstone, often limonitic, pyritic, fossiliferous, interbedded with limestone and gray shale
SILTSTONE - SHALE - LIMESTONE (SLT SH-L)	Interbedded gy sh-siltstone-limestone, pyritic and abundant calcite veins

STRATIGRAPHIC CONTOURS AT 1000 R L ARE SHOWN

'L' FOOTWALL

'S-L' FOOTWALL

THE SEQUENCE DIPS EAST AND IS CUT BY SERIES OF STEEPLY DIPPING E-W FAULTS. THEIR APPROX POSITIONS AT R L 1000 ARE SHOWN

DDH'S LYN007 008, 009, 010 WERE COMPLETED IN 1994 95

LEGEND

Outcrop

50 Bedding often doubtful because slumping possibly also confused with cleavage

Sh	Shale		
Sltst	Siltstone	Lt	Light
Sst	Sandstone	Gy	Gray
Qtzite	Quartzite	Brn	Brown
Qv	Quartz veins	(Lim)	Minor
Lim	Limonite	Lim	Common
Lst	Limestone	Lim	Abundant

Underground geology from Perilya mapping

CRC RC Drill Hole

LYN 001 LT91-1 Cored drill hole

Adit

Access Road

Cut traverse lines

+20m Traverse point with approx elevation above Abt

Base map compiled from tape and compass survey completed Nov 92 by L A Newnham
Base line and traverse lines approx parallel AMG

95-3796

EL 9/84 LYNCHFORD AREA
ANNUAL REPORT 1994-95
MONTROYAL MINING - NEWNHAM L A

AMG Grid shown is approx only

N (Magnetic)

746069

NOTE. On this geological plan, the positions of CRC 3 and CRC 10 have been interchanged with respect to positions shown on earlier plans
The reason for this is explained in detail in 1993 - 94 Annual report

5 cm

NEWNHAM EXPLORATION AND MINING SERVICES

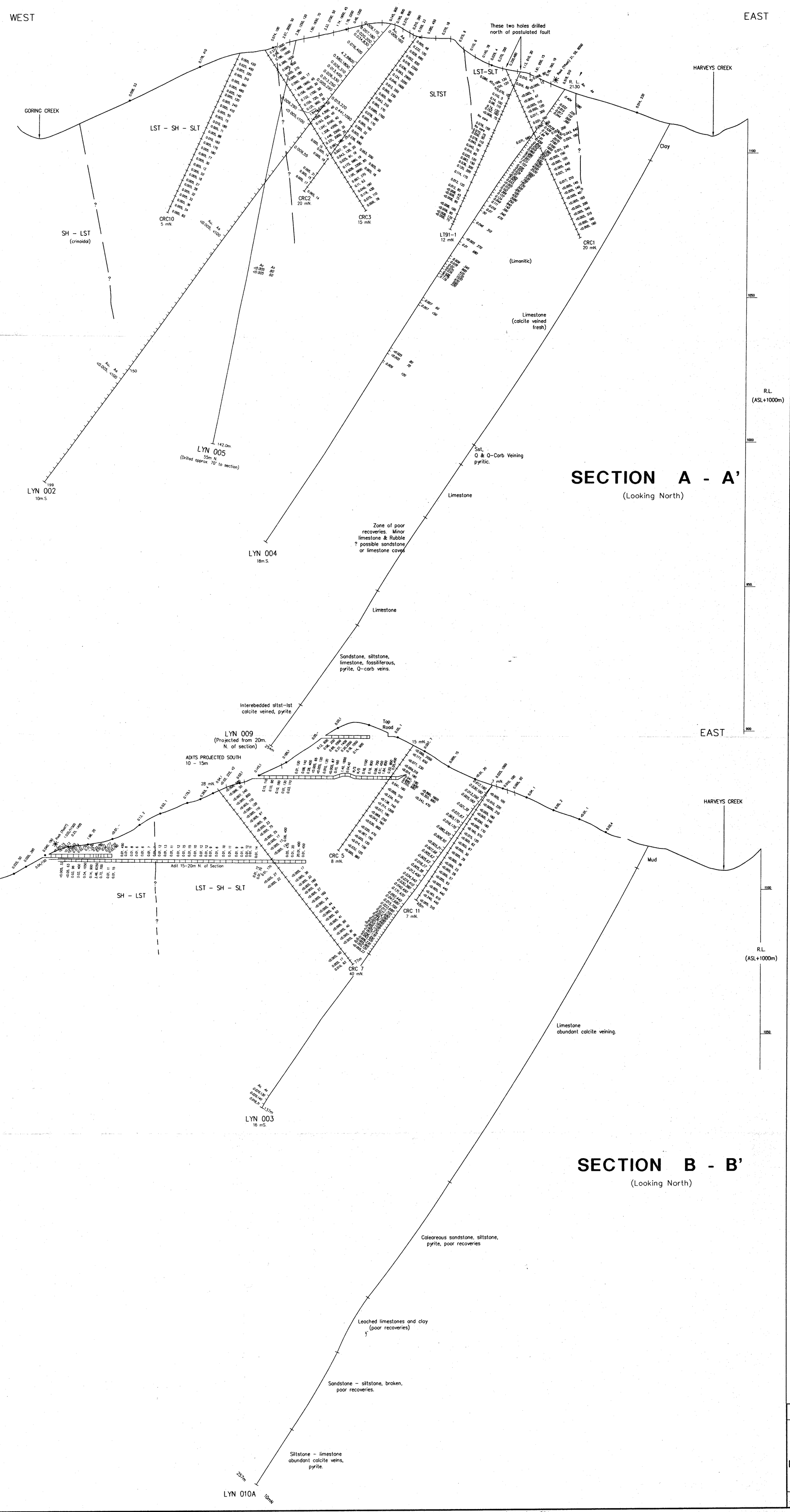
GOLDSTREAM - TITAN JOINT VENTURE

LYNCHFORD PROJECT
E.L. 9/84
SURFACE & SUBSURFACE GEOLOGY
FACTUAL & INTERPRETATIVE

DRAWN L A N
DRAFTSPERSON T G D S
DATE JUNE 1995
FILE No

SCALE: 1:500 10 5 0 10 20

FIG. No.1



SECTION A - A'

(Looking North)

SECTION B - B'

(Looking North)

NOTE

No Geological Interpretation is shwon on these sections because stratigraphy is disturbed by a series of steep faults which sub-parallel to the sections.

The drill holes as shown are projected onto the sections from north and south.

These two factors combined mean that any interpretation shown on these sections will be difficult to comprehend.

The sections therefore serve merely to portray the extent of drilling.

The geological interpretation is better studied on the accompanying plan (Fig. 1).

LEGEND

- Cyprus or Perilya soil sample Au, As (ppm)
- Approximately surface profile
- Channel rock sample Au, As, Sb (ppm)
- Cyprus or Perilya rock chip sample
- CRC = Cyprus Reverse Circulated drill hole
- LT = Perilya Cored Hole
- LYN = Goldstream Cored Hole

With reference to CRC & LT holes, drill hole collar dips as measured by LAN - may vary from original logs
No down hole surveys token

95-3796

EL 9/84 LYNCHFORD AREA
ANNUAL REPORT 1994-95
MONTROYAL MINING - NEWNHAM L A

746070

5 cm

NEWNHAM EXPLORATION AND MINING SERVICES

GOLDSTREAM - TITAN JOINT VENTURE
LYNCHFORD PROJECT
E.L. 9/84
DRILL SECTION & SURFACE ANALYTICAL RESULTS
SECTIONS LOOKING NORTH

DRAWN: L.A.N.
DRAFTSPERSON: T.G.D.S.
DATE: JUNE 1995
FILE No.

SCALE: 1:500 (20 10 0 20 40)

FIG. No. 2

North West Computer Aided Drafting Centre Phone: (004) 35 4315
Fax: (004) 35 4495

LEGEND

Soil sample Au, As (ppm)

Rock sample

Perilya Rock Chip sample Au, As

Cyprus Rock channel sample Au, As, Sb

Goldstream Rock channel sample Au As, Sb (ppm)

As > 100ppm

Au > 0.1 g/t (yellow)

Au > 0.5 g/t (red)

Au > 1.0 g/t (purple)

CRC RC Drill Hole

LYN 001 LT91-1 Cored drill holes

Adit

Access Road

Cut traverse lines

X +20m Traverse point with approx elevation above Abt

Base map compiled from tape and compass survey completed Nov 92 by L.A Newnham
Base line and traverse lines approx parallel AMG

95-3796

EL 9/84 LYNCHFORD AREA
ANNUAL REPORT 1994-95
MONTROYAL MINING - NEWNHAM L A

746071

AMG Grid shown is approx only

N (Magnetic)

5 cm

NEWNHAM EXPLORATION AND MINING SERVICES

GOLDSTREAM - TITAN JOINT VENTURE

LYNCHFORD PROJECT
E.L. 9/84

ASSAY RESULTS

DRAWN L.A.N.
DRAFTSPERSON T.G.D.S.
DATE MAY 1995
FILE No
FIG. No. 3

SCALE 1:500 20 10 0 20 40