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EL 2488

SLEAFORD

ANNUAL AND FINAL REPORTS FOR THE PERIOD 13/2/98 TO 12/2/2000

Submitted by

Goldstream Mining NL
2000

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PRIMARY INDUSTRIES AND RESOURCES SA

GOLDSTREAM MINING N.L.
A.C.N. 009 129 560

Annual Report

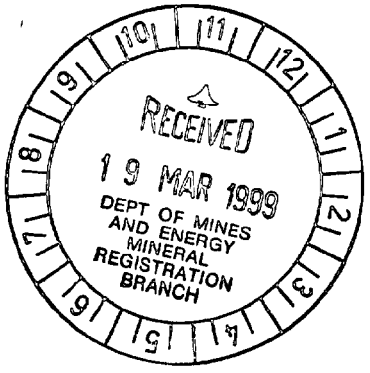
E.L. 2488 "SLEAFORD"

From 13th FEBRUARY 1998 to 12th FEBRUARY 1999

Author: P. Greenhill

Date: March 1999

Copies to: PIRSA (2)
GDM – Perth
GDM – Adelaide



GDM Report No: 045

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1. Summary

Regolith sampling is restricted within the tenement due to the presence of Bridgewater Formation. Some roadside lag/laterite sampling has identified areas within the tenement anomalous in As. Current aeromagnetic and gravity data over the tenement has been interpreted and potential targets identified by Southern Geoscience Consultants as part of a larger study of the western Eyre Peninsula. Re-assessment of all current data has led to the decision to relinquish the southern portion of the licence.

2. Introduction

Exploration Licence 2488 "Sleaford" is situated approximately 20 kilometres west of Port Lincoln on southern Eyre Peninsula (Figure 1). The licence area excludes R.L. 55, the Uley Graphite Mine, currently owned by Solution Mining Pty. Ltd.
The area was identified as having potential to host granulite facies, gold deposits within the Archaean Sleaford Complex, as well as having potential for shear-hosted polymetallic Au and base metal mineralisation.
Freehold and perpetual leasehold wheat, sheep and cattle grazing properties cover much of the south and east of the tenement. In the west of the tenement, groundwater is pumped from the Uley-Wanilla and Uley South underground basins for Port Lincoln town water supply.
Access is via gravel public roads in the south and farm tracks and SA Water maintenance roads in the remainder of the licence area.

3. Tenure

Exploration licence 2488 "Sleaford" was granted to Goldstream Mining ("Goldstream") on the 13th of February 1998 to explore for gold and base metals. An extension of term has been approved and the licence is now due to expire on the 12th of February 2000.
In March 1999 a partial relinquishment of 397km^2 was completed reducing the tenement area to 188km^2

4. Geology

Basement rocks are poorly exposed within the tenement and are confined to railway cuttings on the Port Lincoln to Coffin Bay railway line and within the open pit at the Uley Graphite Mine. Rocks comprise Archaean Sleaford Complex overlain by Palaeoproterozoic Hutchison Group in the east of the tenement. Cainozoic fluviatile and aeolian (Bridgewater Formation) sediments unconformably overly basement rocks to varying depths.

5. Previous Exploration

The area covered by E.L. 2488 has been subject to exploration for mineral sands, silica flux (BHP- Coffin Bay) and graphite (Uley Mine). There has been no modern exploration of the tenement area for gold and base metals.

6. Current Exploration

6.1. Lag/Laterite Geochemistry

Regional lag/laterite sampling has been conducted along roadsides at nominal 400m spacing. Two hundred and eleven samples were collected and assayed for Au, As, Cu, Ni, Pb, Ag and Fe. Peak results included 115ppm As, 2ppb Au, 38ppm Cu, 80ppm Ni and 64ppm Pb (Plates 1 and 2). All results are included as Appendix 1.

6.2 Drilling

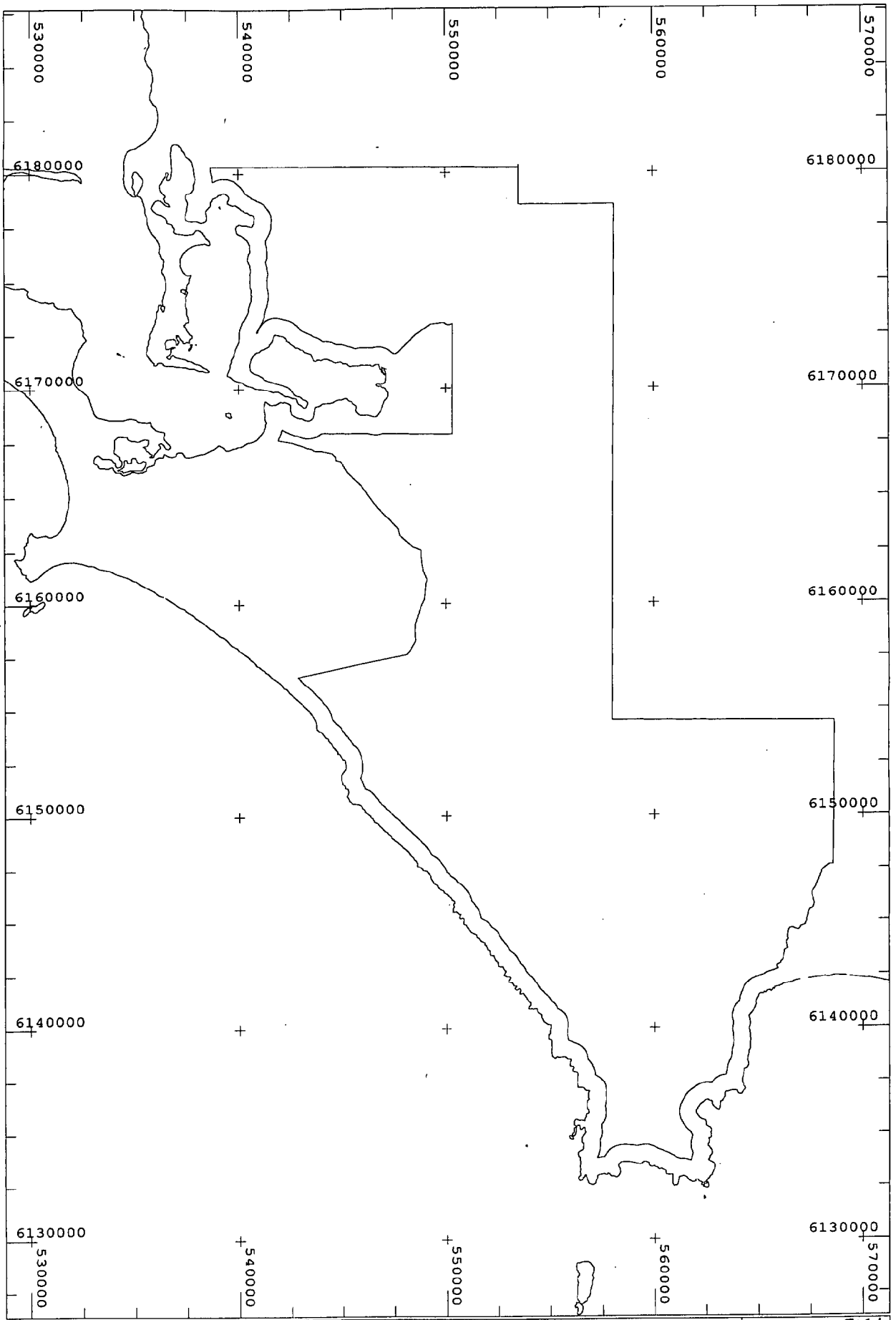
Drilling conducted in the northwest of the tenement targeted a large NE trending (?) Proterozoic shear crosscutting magnetic Archaean stratigraphy. Five holes for a total of 281m were drilled to average depths of around 50m. Two holes were abandoned due to difficulty penetrating lignitic clay and unconsolidated quartz gravels (Uley Formation). Basement rocks comprised Archaean Sleaford Complex gneiss and (?) Lincoln Complex granitoids. No anomalous results were recorded. Assay data and drill logs are included in this report as Appendices 2 and 3.

6.3 Geophysics

Goldstream commissioned Southern Geoscience Consultants (SGC) to reprocess and interpret current aeromagnetic and gravity data of the western Eyre Peninsula, and to identify potential drill targets. A series of 1:100 000 scale map sheets produced included TMI imagery, regional gravity, detailed basement geological interpretation, potential drill targets. The report included the area covered by E.L. 2488 and identified five possible target areas. The report is included as Appendix 4 in E.L. 2254 "Cummins " 1998 annual report.

7. Conclusions

Lag/laterite sampling in E.L. 2488 has been restricted by the presence of Bridgewater Formation. Lack of significant gold results in the regolith has downgraded the prospectivity of the southern relinquished area. The remaining area has been retained pending the outcome of proposed stratigraphic drilling by PIRSA.



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		REF No. 1	FILE SLEAFORDTENEME	
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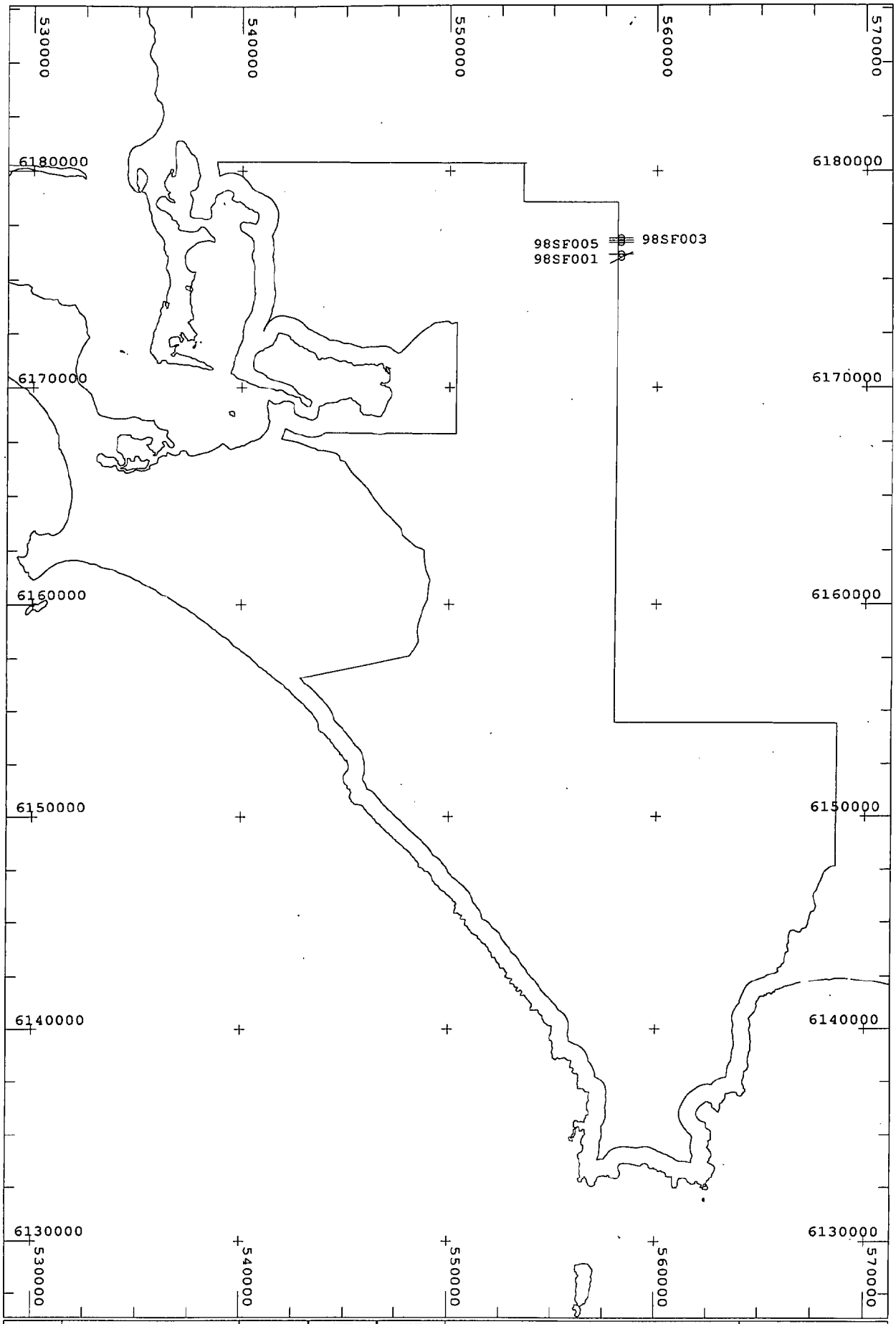
FIG 1
Goldstream Mining
Adelaide



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			REF No. 1	FILE SLEAFORDDRILLPL	
GDM Rept 045				E.L. 2488 Sleaford Drillhole Location Plan	Goldstream Mining Adelaide

SA 259

PLATE 3

Appendix 1
Lag Geochemical Data

SAMPLE	EAST	NORTH	EL	PROSPECT	DATE	Au(ppb)	As(ppm)	Cu(ppm)	Ag(ppb)	Fe(%)	Ni(ppm)	Pb(ppm)
24100	565408	6144326	2488	Regional	8/7/97	1	30	<1	<0.1	18.50	15	22
24101	564566	6144339	2488	Regional	8/7/97	<1	30	<1	<0.1	20.00	12	33
24102	563674	6143953	2488	Regional	8/7/97	<1	40	<1	<0.1	24.00	2	25
24103	565179	6147612	2488	Regional	8/7/97	1	20	<1	<0.1	17.00	20	24
24104	567291	6147693	2488	Regional	8/7/97	<1	30	<1	<0.1	14.00	17	21
24105	547775	6177554	2488	Regional	8/8/97	<1	25	<1	<0.1	14.50	24	25
24997	573820	6151055	2488	Regional	1/20/98	<1	15	2	<0.1	14.50	11	17
24998	573670	6150995	2488	Regional	1/20/98	<1	20	2	<0.1	16.00	10	25
24999	573475	6151015	2488	Regional	1/20/98	<1	15	2	<0.1	21.50	2	26
25000	573275	6150995	2488	Regional	1/20/98	<1	25	2	<0.1	18.00	6	26
25001	573275	6150995	2488	Regional	1/20/98	<1	25	3	<0.1	16.00	5	18
25002	573060	6150985	2488	Regional	1/20/98	<1	20	4	<0.1	16.50	7	16
25003	569525	6151030	2488	Regional	1/20/98	<1	30	4	<0.1	15.50	7	29
25004	568830	6151025	2488	Regional	1/20/98	<1	30	6	<0.1	18.50	14	27
25005	568810	6151020	2488	Regional	1/20/98	<1	40	1	<0.1	16.50	8	40
25006	568730	6151000	2488	Regional	1/20/98	<1	40	1	<0.1	11.40	27	23
25007	568740	6151030	2488	Regional	1/20/98	<1	20	1	<0.1	8.40	19	12
25008	566160	6149955	2488	Regional	1/20/98	<1	30	2	<0.1	17.00	9	36
25009	565845	6149990	2488	Regional	1/20/98	<1	30	3	<0.1	16.50	2	23
25010	564690	6150050	2488	Regional	1/20/98	<1	35	1	<0.1	18.00	6	25
25011	564490	6150070	2488	Regional	1/20/98	<1	35	1	<0.1	22.00	5	29
25012	564121	6150070	2488	Regional	1/20/98	<1	30	3	<0.1	16.50	3	25
25013	564121	6150070	2488	Regional	1/20/98	<1	20	1	<0.1	16.50	11	22
25014	563800	6150105	2488	Regional	1/20/98	<1	15	1	<0.1	28.50	2	22
25015	563570	6150120	2488	Regional	1/20/98	<1	25	1	<0.1	21.50	2	34
25016	563380	6150190	2488	Regional	1/20/98	<1	25	2	<0.1	16.50	5	22
25017	563155	6150225	2488	Regional	1/20/98	<1	50	3	<0.1	16.50	14	18
25018	562950	6150305	2488	Regional	1/20/98	<1	15	1	<0.1	22.00	11	19
25019	562815	6150410	2488	Regional	1/20/98	<1	10	2	<0.1	31.00	2	18
25020	562655	6150530	2488	Regional	1/20/98	<1	20	1	<0.1	22.50	<1	28
25021	562525	6150685	2488	Regional	1/20/98	<1	20	1	<0.1	24.50	4	42
25022	562385	6150835	2488	Regional	1/20/98	<1	20	1	<0.1	27.00	<1	40
25023	562300	6151015	2488	Regional	1/20/98	<1	20	1	<0.1	27.50	<1	29

SAMPLE	EAST	NORTH	EL	PROSPECT	DATE	Au(ppb)	As(ppm)	Cu(ppm)	Ag(ppb)	Fe(%)	Ni(ppm)	Pb(ppm)
25024	562160	6151275	2488	Regional	1/20/98	<1	25	3	<0.1	25.50	6	27
25834	562080	6144390	2488	Regional	6/1/98	<1	75	4	<0.1	23	16	16
25835	562030	6143790	2488	Regional	6/1/98	<1	45	23	<0.1	29.5	80	19
25836	562070	6143410	2488	Regional	6/1/98	<1	65	5	<0.1	19	17	11
25837	562080	6142990	2488	Regional	6/1/98	1	60	3	<0.1	21	14	8
25838	562080	6142990	2488	Regional	6/1/98	1	55	3	<0.1	20.5	13	9
25839	562000	6142550	2488	Regional	6/1/98	<1	25	3	<0.1	24.5	30	5
25840	561910	6142090	2488	Regional	6/1/98	<1	20	2	<0.1	16.5	14	13
25841	561910	6141760	2488	Regional	6/1/98	<1	70	5	<0.1	24	25	38
25842	561760	6141400	2488	Regional	6/1/98	<1	50	2	<0.1	15.5	11	21
25843	561660	6141030	2488	Regional	6/1/98	<1	30	2	<0.1	17.5	14	18
25844	561570	6140620	2488	Regional	6/1/98	1	65	2	<0.1	17	14	15
25845	561390	6140260	2488	Regional	6/1/98	1	10	3	<0.1	20.5	13	7
25846	561170	6139610	2488	Regional	6/1/98	<1	<5	2	<0.1	9.2	20	12
25847	561150	6139140	2488	Regional	6/1/98	<1	25	2	<0.1	15	20	18
25848	561140	6138730	2488	Regional	6/1/98	1	45	2	<0.1	13.5	22	14
25849	561180	6138080	2488	Regional	6/1/98	<1	35	3	<0.1	15	27	17
25850	562260	6141910	2488	Regional	6/1/98	1	50	2	<0.1	18	18	19
25851	562260	6141910	2488	Regional	6/1/98	<1	45	2	<0.1	19.5	17	21
25852	562720	6141910	2488	Regional	6/1/98	<1	20	2	<0.1	15	11	7
25853	563100	6142110	2488	Regional	6/1/98	1	30	3	<0.1	15.5	2	20
25854	563420	6132320	2488	Regional	6/1/98	1	20	2	<0.1	18	<1	33
25855	563500	6142640	2488	Regional	6/1/98	<1	10	2	<0.1	13.5	<1	24
25856	563550	6143060	2488	Regional	6/1/98	<1	10	2	<0.1	11.6	9	16
25857	563590	6143420	2488	Regional	6/1/98	<1	10	2	<0.1	22.5	10	27
25858	563650	6143870	2488	Regional	6/1/98	<1	20	3	<0.1	19.5	8	25
25859	563740	6144220	2488	Regional	6/1/98	<1	20	<1	<0.1	14.5	3	22
25860	564150	6144350	2488	Regional	6/1/98	<1	15	2	<0.1	19.5	10	24
25861	565100	6141600	2488	Regional	6/1/98	<1	15	2	<0.1	12.5	10	25
25862	565350	6141700	2488	Regional	6/1/98	<1	35	<1	<0.1	20	<1	32
25863	565550	6141730	2488	Regional	6/1/98	<1	40	2	<0.1	23.5	7	42
25864	565550	6141730	2488	Regional	6/1/98	<1	40	<1	<0.1	21	4	36
25865	564960	6141520	2488	Regional	6/1/98	<1	15	<1	<0.1	18	5	23

SAMPLE	EAST	NORTH	EL	PROSPECT	DATE	Au(ppb)	As(ppm)	Cu(ppm)	Ag(ppb)	Fe(%)	Ni(ppm)	Pb(ppm)
25866	564860	6143000	2488	Regional	6/1/98	<1	25	2	<0.1	18	3	18
25867	564790	6141040	2488	Regional	6/1/98	<1	30	<1	<0.1	20.5	10	25
25868	564710	6140840	2488	Regional	6/1/98	<1	5	5	<0.1	24.5	1	27
25869	564570	6140590	2488	Regional	6/1/98	<1	15	2	<0.1	28.5	8	27
57264	567690	6154660	2488	Regional	9/8/98	<1	5	3	<0.1	23.5	6	35
57265	567690	6154660	2488	Regional	9/8/98	<1	5	2	<0.1	24	4	36
57266	567760	6154330	2488	Regional	9/8/98	<1	5	2	<0.1	23.5	2	31
57267	567600	6153860	2488	Regional	9/8/98	<1	15	2	0.1	30	<1	45
57268	567350	6153620	2488	Regional	9/8/98	<1	15	2	<0.1	34	3	37
57269	567180	6153280	2488	Regional	9/8/98	<1	<5	2	<0.1	37	4	27
57270	567140	6152800	2488	Regional	9/8/98	<1	20	2	0.1	28	2	30
57271	567200	6152550	2488	Regional	9/8/98	<1	<5	2	<0.1	35	<1	50
57272	567090	6151830	2488	Regional	9/8/98	2	10	2	<0.1	19.5	<1	23
57273	566620	6151820	2488	Regional	9/8/98	<1	15	3	<0.1	27	6	38
57274	563200	6151830	2488	Regional	9/8/98	1	10	2	<0.1	21	4	25
57275	567930	6151820	2488	Regional	9/8/98	<1	10	2	<0.1	13.5	<1	23
57276	567510	6151810	2488	Regional	9/8/98	<1	<5	2	<0.1	13	8	19
57277	557150	6142260	2488	Regional	9/12/98	2	55	3	<0.1	20	17	39
57278	556780	6142220	2488	Regional	9/12/98	<1	80	5	<0.1	13.5	45	36
57279	556490	6142270	2488	Regional	9/12/98	<1	75	5	<0.1	19	14	32
57280	555880	6142700	2488	Regional	9/12/98	<1	50	2	<0.1	27	15	41
57281	555880	6142700	2488	Regional	9/12/98	<1	60	2	<0.1	23	<1	44
57282	555590	6142710	2488	Regional	9/12/98	<1	30	5	0.1	29	3	30
57283	555550	6143090	2488	Regional	9/12/98	<1	55	3	<0.1	26	6	39
57284	555190	6143340	2488	Regional	9/12/98	<1	65	3	<0.1	28	17	43
57285	557440	6142300	2488	Regional	9/12/98	<1	80	2	<0.1	19	15	50
57286	557790	6142230	2488	Regional	9/12/98	1	90	2	0.1	16	15	43
57287	558150	6142110	2488	Regional	9/12/98	<1	50	2	<0.1	22.5	4	45
57288	558710	6142300	2488	Regional	9/12/98	<1	50	<1	<0.1	24	<1	31
57289	559020	6142500	2488	Regional	9/12/98	<1	85	<1	<0.1	20	11	46
57290	559280	6142460	2488	Regional	9/12/98	<1	30	<1	<0.1	23.5	8	36
57291	560000	6142570	2488	Regional	9/12/98	<1	60	2	<0.1	16	20	32
57292	573860	6151680	2488	Regional	9/13/98	2	<5	<1	<0.1	26	14	40

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57295	573330	6152170	2488	Regional	9/13/98	<1	20	<1	<0.1	16.5	12	28
57296	573470	6152510	2488	Regional	9/13/98	<1	15	2	<0.1	21	10	30
57297	571130	6149680	2488	Regional	9/13/98	<1	15	11	<0.1	18	8	31
57298	570450	6148920	2488	Regional	9/13/98	1	15	1	<0.1	23	6	30
57299	569750	6148150	2488	Regional	9/13/98	<1	10	<1	<0.1	20.5	7	27
57305	562230	6144420	2488	Regional	10/19/98	<1	40	12	<0.1	24	39	36
57306	562300	6144400	2488	Regional	10/19/98	<1	60	<1	<0.1	16.5	27	29
57307	562390	6144400	2488	Regional	10/19/98	<1	45	<1	<0.1	26	20	42
57308	562510	6144410	2488	Regional	10/19/98	<1	65	<1	<0.1	25.5	18	39
57309	562240	6144540	2488	Regional	10/19/98	<1	85	<1	<0.1	24	23	37
57310	562110	6144530	2488	Regional	10/19/98	<1	85	<1	<0.1	26.5	18	34
57311	562030	6144420	2488	Regional	10/19/98	<1	65	<1	<0.1	13.5	21	28
57312	561980	6144340	2488	Regional	10/19/98	<1	45	<1	<0.1	16	16	25
57313	562070	6144300	2488	Regional	10/19/98	<1	65	<1	<0.1	14	27	24
57314	562180	6144280	2488	Regional	10/19/98	<1	50	1	<0.1	11.4	24	39
57315	562170	6144040	2488	Regional	10/19/98	<1	60	9	<0.1	29	43	48
57316	562020	6144040	2488	Regional	10/19/98	<1	75	<1	<0.1	24	23	38
57317	561960	6144200	2488	Regional	10/19/98	1	85	<1	<0.1	22	28	41
57318	562050	6143900	2488	Regional	10/19/98	<1	35	<1	<0.1	22.5	23	44
57319	562270	6143800	2488	Regional	10/19/98	<1	60	9	<0.1	22.5	27	46
57320	562230	6143910	2488	Regional	10/19/98	<1	50	3	<0.1	20	18	64
57321	562180	6143780	2488	Regional	10/19/98	<1	50	9	<0.1	29.5	64	29
57322	562180	6143780	2488	Regional	10/19/98	<1	55	7	<0.1	29	54	32
57323	562030	6143710	2488	Regional	10/19/98	<1	35	23	<0.1	28	60	39
57324	562100	6143680	2488	Regional	10/19/98	<1	40	37	<0.1	28	58	48
57325	562190	6143690	2488	Regional	10/19/98	<1	30	38	<0.1	28	68	36
57326	562290	6143690	2488	Regional	10/19/98	<1	50	2	<0.1	20.5	23	43
57327	562400	6143620	2488	Regional	10/19/98	<1	65	2	<0.1	25.5	25	44
57328	562280	6143600	2488	Regional	10/19/98	<1	40	20	<0.1	27	45	41
57329	562200	6143610	2488	Regional	10/19/98	<1	35	33	<0.1	33	52	34
57330	562100	6143600	2488	Regional	10/19/98	<1	40	24	<0.1	32	62	50

SAMPLE	EAST	NORTH	EL	PROSPECT	DATE	Au(ppb)	As(ppm)	Cu(ppm)	Ag(ppb)	Fe(%)	Ni(ppm)	Pb(ppm)
57331	561990	6143610	2488	Regional	10/19/98	<1	40	18	<0.1	32	52	43
57332	562100	6143500	2488	Regional	10/19/98	<1	45	21	<0.1	23.5	29	46
57333	562200	6143470	2488	Regional	10/19/98	<1	45	3	<0.1	30	34	41
57334	562300	6143500	2488	Regional	10/21/98	<1	40	<1	<0.1	29	22	37
57335	562290	6143400	2488	Regional	10/21/98	<1	55	1	<0.1	29.5	30	52
57336	562210	6143390	2488	Regional	10/21/98	<1	65	<1	<0.1	22	22	28
57337	562210	6143390	2488	Regional	10/21/98	<1	75	<1	<0.1	22	22	28
57338	562090	6143400	2488	Regional	10/21/98	<1	65	2	<0.1	22.5	16	30
57339	562020	6143490	2488	Regional	10/21/98	<1	65	6	<0.1	24.5	30	37
57340	562110	6143320	2488	Regional	10/21/98	<1	55	2	<0.1	24	15	37
57341	562220	6143280	2488	Regional	10/21/98	<1	35	<1	<0.1	26	20	31
57342	562310	6143300	2488	Regional	10/21/98	<1	50	2	<0.1	23	33	35
57343	562220	6143200	2488	Regional	10/21/98	<1	30	<1	<0.1	22.5	13	28
57344	562080	6143200	2488	Regional	10/21/98	<1	30	<1	<0.1	18	13	24
57345	562010	6143330	2488	Regional	10/21/98	<1	35	<1	<0.1	24	18	36
57346	561910	6142000	2488	Regional	10/21/98	1	55	<1	<0.1	22	10	30
57347	562010	6142010	2488	Regional	10/21/98	2	50	<1	<0.1	22	13	49
57348	562120	6142101	2488	Regional	10/21/98	1	45	<1	<0.1	21.5	14	36
57349	562190	6142000	2488	Regional	10/21/98	<1	25	<1	<0.1	27	13	37
57350	562240	6141900	2488	Regional	10/21/98	<1	35	<1	<0.1	21.5	12	34
57351	562090	6141930	2488	Regional	10/21/98	<1	60	<1	<0.1	25.5	15	56
57352	561890	6141900	2488	Regional	10/21/98	<1	65	<1	0.1	26	18	45
57353	561790	6141900	2488	Regional	10/21/98	<1	15	<1	<0.1	21	13	41
57354	561710	6141900	2488	Regional	10/21/98	<1	20	<1	<0.1	13	17	23
57355	561590	6142000	2488	Regional	10/21/98	<1	<5	<1	<0.1	22	13	27
57356	561710	6142000	2488	Regional	10/21/98	<1	15	<1	<0.1	18	17	22
57357	561800	6141990	2488	Regional	10/21/98	<1	5	<1	<0.1	24.5	13	33
57358	562190	6141820	2488	Regional	10/21/98	<1	30	<1	<0.1	17.5	15	32
57359	562300	6141800	2488	Regional	10/21/98	<1	20	<1	<0.1	24.5	10	30
57360	562320	6141710	2488	Regional	10/21/98	<1	20	3	<0.1	21.5	12	26
57361	562210	6141670	2488	Regional	10/21/98	<1	15	3	<0.1	12.5	10	39
57362	562090	6141680	2488	Regional	10/21/98	<1	35	2	<0.1	21.5	19	33
57363	561910	6141720	2488	Regional	10/21/98	<1	40	2	<0.1	23	22	44

SAMPLE	EAST	NORTH	EL	PROSPECT	DATE	Au(ppb)	As(ppm)	Cu(ppm)	Ag(ppb)	Fe(%)	Ni(ppm)	Pb(ppm)
57364	561790	6141680	2488	Regional	10/21/98	<1	35	2	<0.1	21	24	37
57365	561710	6141700	2488	Regional	10/21/98	<1	25	4	<0.1	14	20	30
57366	561710	6141840	2488	Regional	10/21/98	<1	25	3	<0.1	18.5	23	32
57367	561820	6141800	2488	Regional	10/21/98	1	40	2	<0.1	17.5	19	41
57368	561700	6161610	2488	Regional	10/21/98	<1	20	2	<0.1	23	21	23
57369	561820	6141600	2488	Regional	10/21/98	<1	40	2	<0.1	20	15	35
57370	561880	6141610	2488	Regional	10/21/98	<1	40	2	<0.1	17.5	17	43
57371	562020	6141610	2488	Regional	10/21/98	<1	50	2	<0.1	22	12	29
57372	562110	6141600	2488	Regional	10/21/98	<1	30	2	<0.1	24.5	11	29
57373	562110	6141600	2488	Regional	10/21/98	<1	30	2	<0.1	25	10	28
57374	561780	6140790	2488	Regional	10/21/98	<1	35	2	<0.1	19	18	27
57375	561660	6140790	2488	Regional	10/21/98	<1	45	2	<0.1	20	12	22
57376	561570	6140800	2488	Regional	10/21/98	<1	40	2	<0.1	14	22	33
57377	561670	6140700	2488	Regional	10/21/98	<1	65	3	<0.1	19	11	24
57378	561760	6140700	2488	Regional	10/21/98	1	50	2	<0.1	16	16	31
57379	561780	6140580	2488	Regional	10/21/98	<1	45	3	<0.1	19.5	12	28
57380	561640	6140580	2488	Regional	10/21/98	<1	45	2	<0.1	19.5	29	25
57381	561660	6140510	2488	Regional	10/21/98	<1	15	2	<0.1	18.5	13	22
57382	561770	6140510	2488	Regional	10/21/98	<1	20	2	<0.1	16	9	26
57383	561790	6140390	2488	Regional	10/21/98	<1	10	2	<0.1	18	9	17
57384	561670	6160420	2488	Regional	10/21/98	<1	10	2	<0.1	20	8	21
57385	561590	6140400	2488	Regional	10/21/98	<1	20	1	<0.1	11.2	12	12
57386	561490	6140410	2488	Regional	10/21/98	<1	15	2	<0.1	12	14	17
57387	561560	6140510	2488	Regional	10/21/98	<1	10	2	<0.1	17.5	10	20
57388	561470	6140490	2488	Regional	10/21/98	<1	25	3	<0.1	10.8	23	19
57426	556980	6142120	2488	Regional	12/13/98	<1	65	3		17	34	22
57427	556950	6142070	2488	Regional	12/13/98	<1	60	2		19.5	39	23
57428	557090	6142160	2488	Regional	12/13/98	<1	60	2		20	17	23
57429	557160	6142020	2488	Regional	12/13/98	<1	80	2		19.5	24	19
57430	557190	6142330	2488	Regional	12/13/98	<1	75	3		19.5	23	29
57431	557200	6142250	2488	Regional	12/13/98	<1	55	<1		11.6	13	18
57432	557330	6142140	2488	Regional	12/13/98	1	95	4		17.5	39	26
57433	557400	6142320	2488	Regional	12/13/98	<1	55	2		18	20	18

SAMPLE	EAST	NORTH	EL	PROSPECT	DATE	Au(ppb)	As(ppm)	Cu(ppm)	Ag(ppb)	Fe(%)	Ni(ppm)	Pb(ppm)
57434	557380	6142470	2488	Regional	12/13/98	<1	105	2		18	25	25
57435	557560	6142380	2488	Regional	12/13/98	<1	80	1		9.2	16	25
57436	557660	6142380	2488	Regional	12/13/98	<1	80	2		19.5	18	28
57437	557600	6142290	2488	Regional	12/13/98	<1	100	2		17	26	33
57438	557690	6142280	2488	Regional	12/13/98	1	115	2		17	24	33
57439	557790	6142240	2488	Regional	12/13/98	<1	90	3		17	25	26

Appendix 2
Drilling Assay Data

Tenement	EL No.	Prospect	Drillhole No.	Sample No.	Depth From	Depth To	Au (ppb)	As (ppm)	Cu (ppm)	Ag (ppb)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Sleaford	2488	Regional	98SF001	14030	0	10	<1	5	5	<0.1	6	12	18
Sleaford	2488	Regional	98SF001	14031	10	20	<1	5	3	<0.1	5	10	8
Sleaford	2488	Regional	98SF001	14032	20	30	<1	5	3	<0.1	6	7	5
Sleaford	2488	Regional	98SF001	14033	30	40	1	10	6	<0.1	4	18	10
Sleaford	2488	Regional	98SF001	14034	40	50	<1	<5	10	<0.1	7	20	15
Sleaford	2488	Regional	98SF001	14035	50	60	<1	5	14	<0.1	4	7	19
Sleaford	2488	Regional	98SF001	14036	60	65	<1	<5	17	<0.1	12	11	70
Sleaford	2488	Regional	98SF001	14037	65	70	<1	<5	22	<0.1	12	7	94
Sleaford	2488	Regional	98SF001	14038	70	74	<1	5	11	<0.1	6	5	47
Sleaford	2488	Regional	98SF002	14039	0	10	<1	15	<1	<0.1	7	9	3
Sleaford	2488	Regional	98SF002	14040	10	20	2	5	<1	<0.1	5	5	<1
Sleaford	2488	Regional	98SF002	14041	20	30	<1	<5	2	<0.1	4	8	5
Sleaford	2488	Regional	98SF002	14042	30	40	1	<5	2	<0.1	7	5	5
Sleaford	2488	Regional	98SF002	14043	40	50	<1	<5	4	<0.1	3	8	5
Sleaford	2488	Regional	98SF002	14044	50	54	<1	<5	5	<0.1	4	13	7
Sleaford	2488	Regional	98SF003	14045	0	5	<1	10	2	<0.1	5	15	3
Sleaford	2488	Regional	98SF003	14046	5	10	2	<5	8	<0.1	6	14	3
Sleaford	2488	Regional	98SF003	14047	10	15	<1	<5	4	<0.1	2	35	3
Sleaford	2488	Regional	98SF003	14048	15	20	<1	<5	7	<0.1	4	38	7
Sleaford	2488	Regional	98SF003	14049	20	25	<1	10	28	<0.1	5	100	66
Sleaford	2488	Regional	98SF003	14050	25	30	<1	<5	16	<0.1	4	125	52
Sleaford	2488	Regional	98SF003	14051	30	35	<1	<5	22	<0.1	7	80	140
Sleaford	2488	Regional	98SF003	14052	35	40	<1	<5	13	<0.1	9	19	100
Sleaford	2488	Regional	98SF003	14053	40	45	<1	5	11	<0.1	7	16	60
Sleaford	2488	Regional	98SF003	14054	45	49	<1	<5	12	<0.1	2	19	60
Sleaford	2488	Regional	98SF004	14055	0	5	<1	10	5	<0.1	10	22	23
Sleaford	2488	Regional	98SF004	14056	5	10	<1	10	6	<0.1	4	31	11
Sleaford	2488	Regional	98SF004	14057	10	15	<1	5	12	<0.1	10	27	20
Sleaford	2488	Regional	98SF004	14058	15	20	<1	<5	16	<0.1	10	84	44
Sleaford	2488	Regional	98SF004	14059	20	25	<1	10	18	<0.1	11	66	80
Sleaford	2488	Regional	98SF004	14060	25	30	1	<5	11	<0.1	6	34	64
Sleaford	2488	Regional	98SF004	14061	30	35	<1	<5	18	<0.1	17	17	98
Sleaford	2488	Regional	98SF004	14062	35	40	<1	<5	26	<0.1	66	12	150

Tenement	EL No.	Prospect	Drillhole No.	Sample No.	Depth From	Depth To	Au (ppb)	As (ppm)	Cu (ppm)	Ag (ppb)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Sleaford	2488	Regional	98SF004	14063	40	45	<1	<5	21	0.1	14	15	110
Sleaford	2488	Regional	98SF004	14064	45	47	<1	<5	11	<0.1	17	9	45
Sleaford	2488	Regional	98SF005	14065	0	5	<1	10	4	<0.1	9	13	11
Sleaford	2488	Regional	98SF005	14066	5	10	<1	15	4	<0.1	4	12	6
Sleaford	2488	Regional	98SF005	14067	10	15	<1	<5	7	<0.1	5	24	7
Sleaford	2488	Regional	98SF005	14068	15	20	<1	10	12	<0.1	6	31	45
Sleaford	2488	Regional	98SF005	14069	20	25	2	<5	18	<0.1	17	40	56
Sleaford	2488	Regional	98SF005	14070	25	30	<1	<5	14	0.1	8	32	32
Sleaford	2488	Regional	98SF005	14071	30	35	<1	<5	13	<0.1	6	28	58
Sleaford	2488	Regional	98SF005	14072	35	40	<1	<5	19	<0.1	14	20	130
Sleaford	2488	Regional	98SF005	14073	40	45	<1	<5	16	<0.1	8	13	125
Sleaford	2488	Regional	98SF005	14074	45	50	<1	<5	14	<0.1	12	10	82
Sleaford	2488	Regional	98SF005	14075	50	55	<1	<5	43	<0.1	14	11	52
Sleaford	2488	Regional	98SF005	14076	55	57	<1	<5	23	<0.1	3	10	54

Appendix 3
Drill Logs

Goldstream Mining

Drill Logging Codes: Summary

Igneous (non-extrusive)
Gdl- dolerite
Ggd- granodiorite
Ggu- granitic rock (undifferentiated)
Gmu- mafic rock (undifferentiated)
Gpg- pegmatite
Gum- ultramafic general
Gfu - felsic rock (undifferentiated)
Gry - rhyolite

Metamorphic
Mgn- gneiss
Msc- schist
Mam - amphibolite
Mms - schist
Mmu - metamorphic undifferentiated

Sediments- Clastic
Ssn- sandstone
Ssl- siltstone
Sqt - quartzite
Scy - claystone
Smd - mudstone
Sar - arenite

Sediments - Chemical
Sjs - jaspilite/jasper
Sil - iron formation silica facies

Volcanics
Vrd- rhyodacitic volcanic
Yry- rhyolite volcanic
Vbs - basalt
Vum - ultramafic volcanic
Vvm- mafic volcanic
Try - rhyolitic tuff
Vvf - felsic volcanic

Regolith & Overburden
Occ- calcrete
Ocy- clay
Ofc- ferricrete
Ogv- gravel
Osn- sand (unconsolidated)
Ost- silcrete
cy - clay general
Ohp - hardpan
Osu - soil general
Oou - overburden general
Oln - lignite

Other
Ind- indurated
ox- oxidised
pal- pallid
sap- saprolitic
shd- sheared
sl- slightly
st- strongly
tr- trace
bnd- bedded/banded
Rku - rock general
pyc- pyroclastic
por - porphyritic/phenocrysts
mod - moderately
hpn - hardpan
wk - weak
Vqz - quartz vein

Mineral Names
apy- arsenopyrite
bi- biotite
cl- chlorite
fx- feldspar
gn- garnet
he- haematite
li- limonite
nt- nontronite
py-pyrite
qz- quartz
se/sr/ser- sericite
ep- epidote
fe - iron
go - goethite
gy - gypsum
si - silica
fl - fluorite
gr/gf - graphite
ck - chalcedony
ca - calcite
az - azurite
mu - muscovite
di - diopside

Alteration
acl- chlorite alteration
ahe/he alt- haematite alteration
ep alt- epidote alteration
aser/asr - sericite alteration
asi - silica alteration

Weathering
Whl- highly weathered
Wmd- moderately weathered
Wsl- slightly weathered
Frs- fresh

Colour
A- grey
B- brown
G- green
I- pink
L- olive
N- black
O- orange
P- purple
R- red
U- blue
W- white
Y- yellow

Strength/Shade
1- very pale
2- pale
3- light
4- medium light
5- moderate
6- dusky
7- very dusky
8- dark
9- very dark

GOLDSTREAM MINING N.L.

HOLE NO. : **98 SF 001**

Tenement name/no: **Sleaford** Prospect: **Regional** Type: **Aircore**

Location : **E 558250 N 6176000** Elevation: T.D....**74m**

Azimuth/Inclination: **- / - 90°** Logged by: **P.G.** Date: **1/10/1998**

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Ocy				Oou
1	2	li Ocy pal				Oou
2	3	li Ocy pal		14030		Oou
3	4	li Ocy pal				Oou
4	5	li Ocy pal		x		Oou
5	6	li Ocy pal				Oou
6	7	he Ocy pal				Oou
7	8	he Ocy pal				Oou
8	9	he Ocy pal				Oou
9	10	he Ocy pal		x		Oou
10	11	qz Osn Ocy pal				Oou
11	12	qz Osn Ocy pal				Oou
12	13	qz Osn Ocy pal				Oou
13	14	qz Osn Ocy				Oou
14	15	qz Osn Ocy		14031		Oou
15	16	qz Osn Ocy				Oou
16	17	qz Osn Ocy			Oln	Oou
17	18	Oln				Oln
18	19	Oln				Oln
19	20	Oln		x		Oln
20	21	Oln				Oln
21	22	Oln				Oln
22	23	Oln				Oln
23	24	Oln				Oln
24	25	Oln		14032		Oln
25	26	Oln				Oln
26	27	Oln				Oln
27	28	Oln				Oln
28	29	Oln				Oln
29	30	Oln		x		Oln

HOLE NO. : **98 SF 001**

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	Inject Oln				Oln
31	32	Inject Oln				Oln
32	33	Inject Oln				Oln
33	34	Oln				Oln
34	35	Oln		14033		Oln
35	36	Oln				Oln
36	37					Oln
37	38	qz Ogv				qz Ogv
38	39	qz Ogv				qz Ogv
39	40	qz Ogv		x		qz Ogv
40	41	qz Ogv				qz Ogv
41	42					qz Ogv
42	43	qz Ogv ± pyrite				qz Ogv
43	44					qz Ogv
44	45			14034		qz Ogv
45	46	WATER qz Ogv (Trace mica)				qz Ogv
46	47	qz Ogv				qz Ogv
47	48	qz Ogv				qz Ogv
48	49	qz Ogv				qz Ogv
49	50	qz Ogv		x		qz Ogv
50	51	qz Ogv				qz Ogv
51	52	qz Ogv				qz Ogv
52	53	qz Ogv				qz Ogv
53	54	qz Ogv				qz Ogv
54	55	qz Ogv				qz Ogv
55	56	qz Ogv		14035		qz Ogv
56	57	qz Ogv				qz Ogv
57	58	qz Ogv				qz Ogv
58	59	qz Ogv				qz Ogv
59	60	qz Ogv		x		qz Ogv
60	61	DRY qz Ogv				qz Ogv
61	62	DRY qz li cl fx Gmu(?) sap o BG7	Whl	14036		Gmu sap
62	63	DRY qz li cl fx Gmu(?) sap o BG7	Whl			Gmu sap
63	64	DRY qz li cl fx Gmu(?) sap ox				Gmu sap (?)
64	65	DRY qz li cl fx Gmu(?) sap ox		x		Gmu sap (?)

maybe

HOLE NO. : 98 SF 001

From	To	Geology	Weathering	Sample	Au	Lithology
65	66	WET qz fx li cl(?) Mgn(?) sap os				Gmu sap (?)
66	67	WET qz fx li cl(?) Mgn(?) sap os				Gmu sap (?)
67	68	WET qz fx li cl(?) Mgn(?) sap os		14037		Gmu sap (?)
68	69	qz fx li cl(?) Mgn(?) sap os				Gmu sap (?)
69	70	WET qz fx li cl(?) Mgn(?) sap os		x		Gmu sap (?)
70	71	qz fx bi Ggu	Wmd			Ggu
71	72	qz fx bi Ggu	Wmd			Ggu
72	73	qz fx bi Ggu	Wmd	14038		Ggu
73	74	qz fx bi Ggu	Wsl			Ggu
74	75	Hole terminated @ 74.0m		x		
75	76					
76	77					
77	78					
78	79					
79	80					
80	81					
81	82					
82	83					
83	84					
84	85					
85	86					
86	87					
87	88					
88	89					
89	90					
90	91					
91	92					
92	93					
93	94					
94	95					
95	96					
96	97					
97	98					
98	99					
99	100					

HOLE NO. : **98 SF 002**

Tenement name/no: **Sleaford** Prospect: **Regional** Type: **Aircore**

Location : **E 558250 N 6176150** Elevation: T.D.....**54m**

Azimuth/Inclination: **- / - 90°** Logged by: **P.G.** Date: **1/10/1998**

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Opis				Oou
1	2	Opis fe Ocy				Oou
2	3	fe Ocy				Oou
3	4	fe Ocy		14089		Oou
4	5	fe Ocy Osn				Oou
5	6	fe Ocy Osn				Oou
6	7	fe Ocy Osn				Oou
7	8	qz Osn Ocy pal				Oou
8	9	qz Osn Ocy pal				Oou
9	10	qz Osn Ocy pal		x		Oou
10	11	li qz Osn				Oou
11	12	li qz Osn				Oou
12	13	li qz Osn				Oou
13	14	qz Osn				Oou
14	15	qz li Osn				Oou
15	16	qz li Osn		14040		Oou
16	17	qz li Osn				Oou
17	18	qz li Osn				Oou
18	19	qz li Osn				Oou
19	20	qz li Osn		x		Oou
20	21	Oln				Oln
21	22	Oln				Oln
22	23	Oln				Oln
23	24	Oln		14041		Oln
24	25	Oln				Oln
25	26	Oln				Oln
26	27	Oln				Oln
27	28	Oln				Oln
28	29	Oln				Oln
29	30	Oln		x		Oln

HOLE NO. : **98 SF 002**

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	Oln				Oln
31	32	Oln				Oln
32	33	Oln				Oln
33	34	Oln		14042		Oln
34	35	Oln				Oln
35	36	Oln				Oln
36	37	Oln				Oln
37	38	Oln				Oln
38	39	Oln				Oln
39	40	Oln		x		Oln
40	41	Oln				Oln
41	42	Oln				Oln
42	43	Oln				Oln
43	44	Oln				Oln
44	45	Oln		14043		Oln
45	46	Oln				Oln
46	47	Oln				Oln
47	48	Oln				Oln
48	49	Oln				Oln
49	50	Oln		x		Oln
50	51	Oln				Oln
51	52	Oln				Oln
52	53	qz Ogv Oln				qz Ogv
53	54	qz Ogv + pyrite				qz Ogv
54	55	Hold abandoned @ 54.0m		14044		
55	56	Hole collapse				
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : **98 SF 003**

Tenement name/no: **Sleaford** Prospect: **Regional** Type: **Aircore**

Location : **E 558250 N 6176900** Elevation: T.D.....**49m**

Azimuth/Inclination: **- / - 90°** Logged by: **P.G.** Date: **1/10/1998**

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	fe Opis Osn				Oou
1	2	fe Opis Ocy				Oou
2	3	fe Opis Ocy				Oou
3	4	Ocy pal Ofc		14045		Oou
4	5	Ofc Ocy pal		x		Oou
5	6	Ocy pal				Oou
6	7	Ocy pal				Oou
7	8	qz li Ocy pal		14046		Oou
8	9	qz li Ocy pal				Oou
9	10	qz Ocy pal		x		Oou
10	11	qz Ocy pal				Oou
11	12	qz Ocy pal				Oou
12	13	qz Ocy pal		14047		Oou
13	14	qz Ocy pal				Oou
14	15	qz Ocy pal		x		Oou
15	16	qz Ocy pal				Oou
16	17	qz Ocy pal				Oou
17	18	qz Ocy pal		14048		Oou
18	19	he Ocy pal / sal(?)				Oou
19	20	he Ocy pal / sal(?)		x		Oou
20	21	Ocy AB7				Oou
21	22	qz Ocy				Oou
22	23	qz he(?) Ocy pal PW5		14049		Oou
23	24	qz he(?) Ocy pal PW5				Oou
24	25	qz he(?) Ocy pal		x		Oou
25	26	qz he(?) Ocy pal				Oou
26	27	qz Ocy pal AW5				Oou
27	28	qz Ocy pal AW5		14050		Oou
28	29	qz Ocy pal AW5				Oou
29	30	qz Ocy pal AW5				Oou

HOLE NO. : **98 SF 003**

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz bi cl(?) Gmu(?) Mmu(?) sap NG7				(?) sap
31	32	qz bi cl(?) Gmu(?) Mmu(?) sap AG8				(?) sap
32	33	qz bi cl(?) Gmu(?) Mmu(?) sap		14051		(?) sap
33	34	qz bi cl(?) Gmu(?) Mmu(?) sap				(?) sap
34	35	qz bi cl(?) Gmu(?) Mmu(?) sap		x		(?) sap
35	36	qz bi cl(?) Gmu(?) Mmu(?) sap				(?) sap
36	37	qz bi cl(?) Gmu(?) Mmu(?) sap				(?) sap
37	38	qz bi cl(?) Gmu(?) Mmu(?) sap		14052		(?) sap
38	39	qz bi cl(?) Gmu(?) Mmu(?) sap				(?) sap
39	40	qz bi cl(?) Gmu(?) Mmu(?) sap		x		(?) sap
40	41	qz fx cl bi Ggu	Wmd			Ggu
41	42	qz fx cl bi Ggu	Wmd			Ggu
42	43	qz fx cl bi Ggu	Wmd	14053		Ggu
43	44	qz fx cl bi Ggu	Wmd			Ggu
44	45	qz fx cl bi Ggu	Wmd	x		Ggu
45	46	qz fx bi li cl Ggu	Wmd			Ggu
46	47	qz fx bi li cl Ggu	Wmd			Ggu
47	48	qz fx bi li cl Ggu	Wmd	14054		Ggu
48	49	qz fx bi cl Ggu	Wmd			Ggu
49	50	Hole abandoned @ 49.0m		x		
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : **98 SF 004**

Tenement name/no: **Sleaford** Prospect: **Regional** Type: **Aircore**

Location : **E 558250 N 6176800** Elevation: T.D.....**47m**

Azimuth/Inclination: **- / - 90°** Logged by: **P.G.** Date: **2/10/1998**

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Opis Osn				Oou
1	2	fe Ocy Opis				Oou
2	3	fe Ocy		14055		Oou
3	4	fe Ocy				Oou
4	5	fe Ocy		x		Oou
5	6	fe Ocy				Oou
6	7	Ocy pal				Oou
7	8	qz Ocy pal		14056		Oou
8	9	qz Ocy pal				Oou
9	10	qz Ocy pal		x		Oou
10	11	qz Ocy pal				Oou
11	12	qz Ocy pal				Oou
12	13	qz Ocy pal		14057		Oou
13	14	qz Ocy pal				Oou
14	15	qz Ocy pal		x		Oou
15	16	qz Ocy pal				Oou
16	17	qz Ocy pal				Oou
17	18	qz Ocy pal		14058		Oou
18	19	qz Ocy pal				Oou
19	20	qz Ocy pal		x		Oou
20	21	qz Ocy pal				Oou
21	22	qz Ocy pal				Oou
22	23	qz Ocy pal		14059		Oou
23	24	cl qz fx Gmu(?) sap AG7				Mgn sap
24	25	cl qz fx Gmu(?) sap		x		Mgn sap
25	26	cl qz fx Gmu(?) sap				Mgn sap
26	27	cl qz fx Gmu(?) sap				Mgn sap
27	28	cl qz fx Gmu(?) sap		14060		Mgn sap
28	29	cl qz fx Gmu(?) sap				Mgn sap
29	30	cl qz fx Gmu(?) sap				Mgn sap

HOLE NO. : **98 SF 004**

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	cl bi qz Ggu(?) sap				Mgn sap
31	32	cl bi qz Mgn(?)				Mgn sap
32	33	cl bi qz Mgn(?)		14061		Mgn sap
33	34	cl bi qz Mgn(?)				Mgn sap
34	35	cl bi qz Mgn(?)		x		Mgn sap
35	36	cl bi qz Mgn(?)				Mgn sap
36	37	cl bi qz Mgn(?)				Mgn sap
37	38	cl bi qz Mgn(?)				Mgn sap
38	39	cl bi qz Mgn(?)		14062		Mgn sap
39	40	cl bi qz Mgn(?)		x		Mgn sap
40	41	qz fx cl (?) bi (fegn) Ggu/Mgn	Wmd			Mgn (?)
41	42	qz fx cl (?) bi (fegn) Ggu/Mgn	Wmd			Mgn (?)
42	43	qz di(?) fx(?) gn bi Mgn	Wmd			Mgn (?)
43	44	qz di(?) fx(?) gn bi Mgn	Wsl	14063		Mgn (?)
44	45	qz di(?) fx(?) gn bi Mgn	Wsl	x		Mgn (?)
45	46	qz di(?) fx(?) gn bi Mgn	Wsl	14064		Mgn (?)
46	47	qz di(?) fx(?) gn bi Mgn	Wsl	x		Mgn (?)
47	48	Hole abandoned @ 47.0m				
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 SF 005

Tenement name/no: **Sleaford** Prospect: **Regional** Type: **Aircore**

Location : **E 558250 N 6176700** Elevation: T.D.....**57m**

Azimuth/Inclination: **- / - 90°** Logged by: **P.G.** Date: **2/101998**

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Opis Osn Ocy				Oou
1	2	Ocy Opis				Oou
2	3	li Ocy pal		14065		Oou
3	4	li Ocy pal				Oou
4	5	qz Ocy pal		x		Oou
5	6	Ofc				Oou
6	7	qz Ocy Osn				Oou
7	8	he qz Ogv Osn		14066		Oou
8	9	he qz Ogv Osn				Oou
9	10	he cl(?) Ocy		x		Oou
10	11	qz li Ocy Osn				Oou
11	12	qz li Ocy Osn				Oou
12	13	qz li Ocy Osn		14067		Oou
13	14	qz li Ocy Osn				Oou
14	15	qz li Ocy Osn		x		Oou
15	16	qz li Ocy Osn				Oou
16	17	qz li Ocy Osn				Oou
17	18	qz Osn Ocy pal		14068		Oou
18	19	qz Osn Ocy pal				Oou
19	20	qz Osn Ocy pal		x		Oou
20	21	qz Osn Ocy pal				Oou
21	22	Ocy pal				Oou
22	23	Ocy pal		14069		Oou
23	24	Ocy pal				Oou
24	25	Ocy pal		x		Oou
25	26	Ocy pal				Oou
26	27	Ocy pal				Oou
27	28	Ocy pal		14070		Oou
28	29	Ocy pal				Oou
29	30	Ocy pal		x		Oou

HOLE NO. : **98 SF 005**

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz Ocy pal				Oou
31	32	Ocy A6				Oou
32	33	Ocy / sap pal (?)		14071		Ggu(?) sap
33	34	bi cl (?) sap				Ggu(?) sap
34	35	bi cl (?) sap		x		Ggu(?) sap
35	36	bi cl (?) sap				Ggu(?) sap
36	37	bi cl (?) sap				Ggu(?) sap
37	38	bi cl qz Ggu sap		14072		Ggu(?) sap
38	39	bi cl qz Ggu sap				Ggu(?) sap
39	40	qz fx bi cl Ggu sap		x		Ggu(?) sap
40	41	qz fx bi cl Ggu sap				Ggu(?) sap
41	42	qz fx bi cl Ggu sap				Ggu(?) sap
42	43	qz fx bi cl Ggu sap		14073		Ggu(?) sap
43	44	qz fx bi cl Ggu sap				Ggu(?) sap
44	45	qz fx bi cl he Ggu	Whl	x		Mgn
45	46	qz fx bi cl he Ggu	Whl			Mgn
46	47	qz fx bi cl he Ggu	Whl			Mgn
47	48	WET qz fx Gpg(?)	Whl	14074		Mgn
48	49	qz fx Gpg(?)	Whl			Mgn
49	50	qz fx li bi Ggu	Whl	x		Mgn
50	51	qz fx li bi Ggu	Whl			Mgn
51	52	qz fx di(?) bi Ggu / Mgn	Whl			Mgn
52	53	qz fx di(?) bi Ggu / Mgn		14075		Mgn
53	54	qz fx di(?) bi Ggu / Mgn				Mgn
54	55	qz fx di(?) bi Ggu / Mgn		x		Mgn
55	56	di li Mgn (iron-rich layers)				Mgn
56	57	di li Mgn (iron-rich layers)		14076		Mgn
57	58	Blade refusal @ 57.0m				
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

GOLDSTREAM MINING N.L.
A.C.N. 009 129 560

20th December 1999

Mr. George Kwitko
Senior Geologist Company Exploration
Primary Industries and Resources S.A.
GPO Box 1671
ADELAIDE SA 5001

Expired 12/2/2000.

Dear George,

Re: Surrender of EL 2488 "Sleaford"

I am writing to advise that Goldstream Mining does not intend to renew the above tenement, therefore, we wish to let it lapse on its anniversary of 12th February 2000.
Please find enclosed our final Summary report and combined Annual and Final report (GDM 069).

Yours sincerely,

Felicia Rankin
Office Manager

Encl.

Unit 3, 4 Cord Street, Dudley Park, South Australia 5008 PO Box 346, Prospect, South Australia 5082 Telephone: (08) 8342 9011 Facsimile: (08) 8342 9077

GOLDSTREAM MINING N.L.
A.C.N. 009 129 560

Annual Report & Final Report

EL 2488 "SLEAFORD"

For period 13 February 1999 to 12 February 2000

Author: P. Greenhill

Date: December 1999

Copies to: PIRSA (2)
GDM – Perth
GDM – Adelaide

GDM Report No: 069

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Contents

List of Figures

1. Summary

An assessment of the companies ground position within South Australia has led do the decision to relinquish the Sleaford Tenement. No field work was conducted during the current year of tenure.

2. Introduction

Exploration Licence 2488 "Sleaford" is situated approximately 20 kilometres west of Port Lincoln on southern Eyre Peninsula (Figure 1).
The area was identified as having potential to host granulite facies, gold deposits within the Archaean Sleaford Complex, as well as having potential for shear-hosted polymetallic Au and base metal mineralisation.
Much of the tenement is covered by thick Mallee scrub meaning access is restricted to farm tracks and SA Water maintenance roads.

3. Tenure

Exploration licence 2488 "Sleaford" was granted to Goldstream Mining ("Goldstream") on the 13th of February 1998 to explore for gold and base metals. In March 1999 a partial relinquishment of 397km^2 was completed reducing the tenement area to 188km^2. A further extension of term has not been sought and the licence will expire on the 12th of February 2000.

4. Geology

Basement rocks are poorly exposed within the tenement and are confined to railway cuttings on the Port Lincoln to Coffin Bay railway line and within the open pit at the Uley Graphite Mine. Rocks comprise Archaean Sleaford Complex gniess overlain by Palaeoproterozoic Hutchison Group in the east of the tenement. Cainozoic fluviatile and aeolian (Bridgewater Formation) sediments unconformably overly basement rocks to varying depths.

5. Previous Exploration

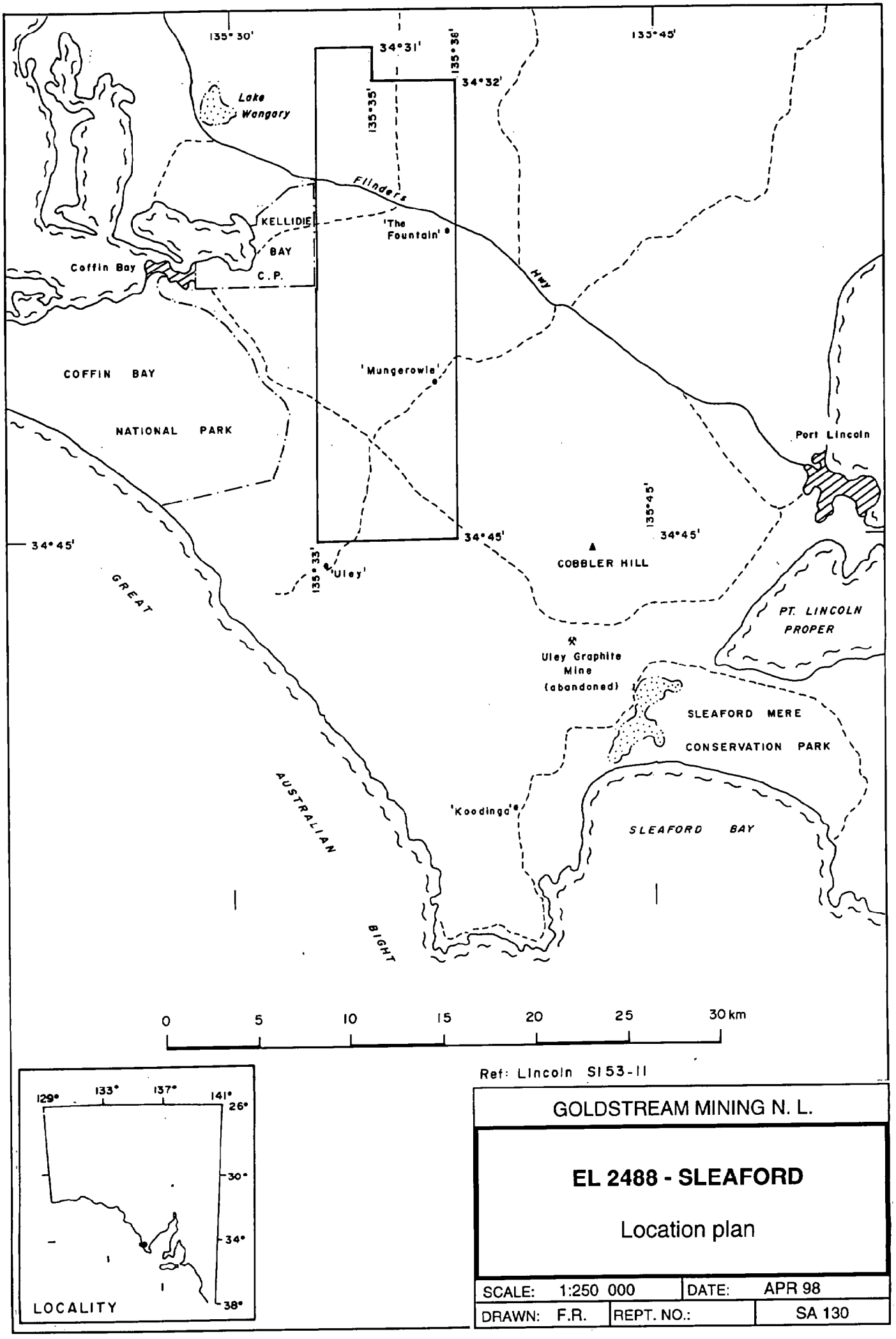
The area covered by E.L. 2488 has been subject to exploration for mineral sands, silica flux (BHP- Coffin Bay) and graphite (Uley Mine). There has been no modern exploration of the tenement area for gold and base metals.

6. Current Exploration

No field work was conducted during the current year of tenure.

7. Discussion

The presence of thick Bridgewater Formation and Mallee scrub over most of the tenement area has restricted exploration to targets generated from aeromagnetic data. Some interpreted shears cross-cutting magnetic stratigraphy were identified within the licence area but they remain untested. A PIRSA drilling traverse along the Flinders Highway will cross-cut the northern part of the tenement and should be completed in late 1999.



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GOLDSTREAM MINING N. L.

EL 2488 - SLEAFORD

Location plan

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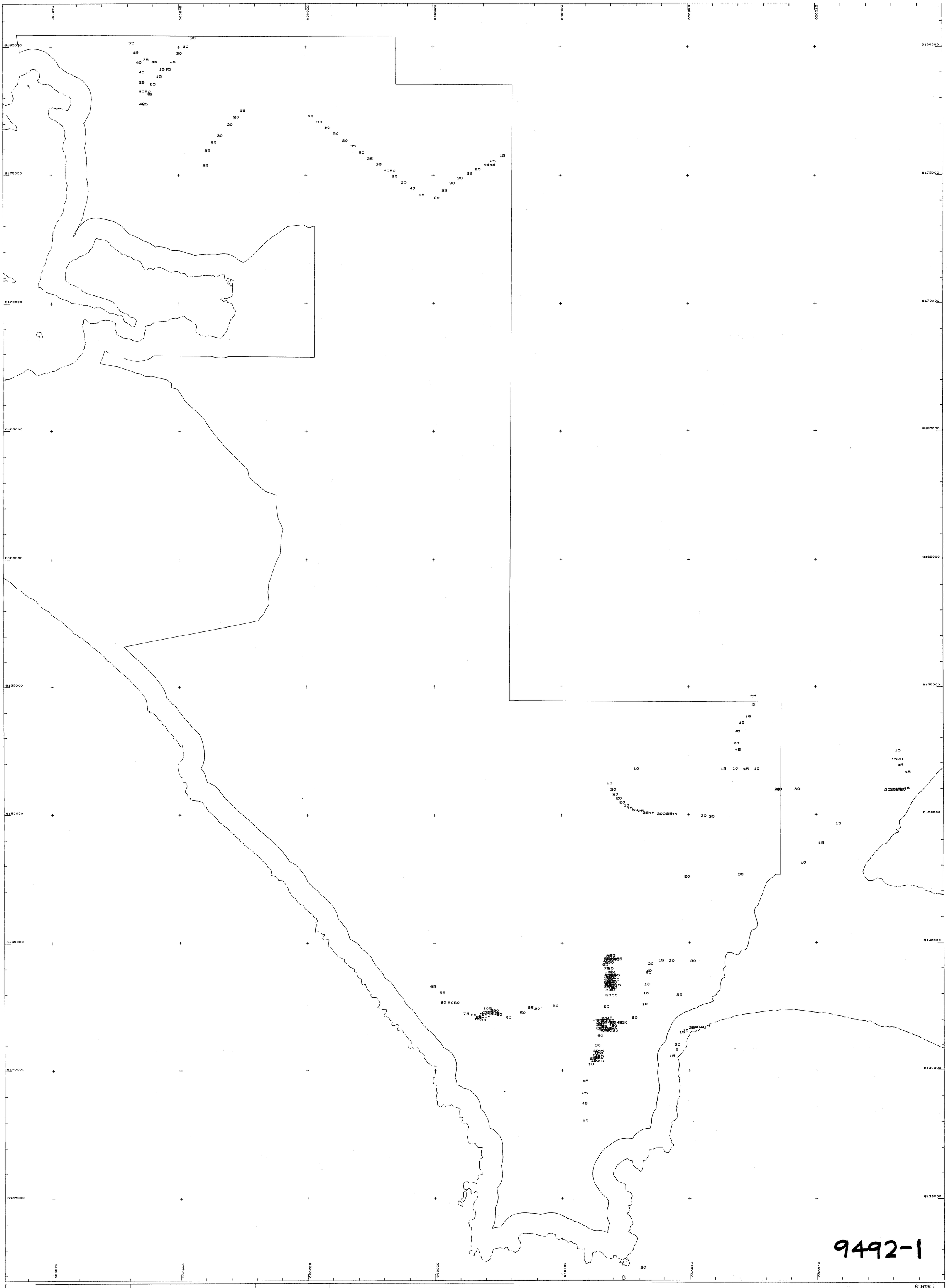

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E.L. 2488 Sleaford
Lag/Laterite Geochemistry
As values (ppm)

Goldstream Mining
Adelaide

SA 258
ADM Rep No 045

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E.L. 2488 Sleaford
Lag/Laterite Geochemistry
Sample Numbers

PLATE 2

Goldstream Mining

Adelaide

SA 257
GDM Rep1 045

9492-2