

ERL95 COSMO SOUTH
ANNUAL REPORT YEAR 3
19.9.91 - 18.9.92

OPEN FILE

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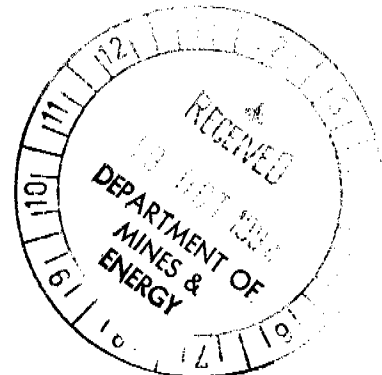
Dominion Mining Ltd, Perth

NTDME

NR Burn

October 1992

ERL95'92



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1. SUMMARY

This report details the 1991/92 exploration activities completed on ERL95 in Year 3 of tenure, ending 18 September 1992.

ERL95 was acquired from Northern Gold as part of a package of tenements on 7 May 1991. Appraisal and evaluation of Northern Gold data, along with soil sampling – 54 samples, rock chip sampling – 21 samples and geological mapping at 1:10000 scale was undertaken by Dominion.

This work targeted an area consisting of a significant soil anomaly supported by moderate rock chip results. A drill traverse conducted by Northern Gold NL along the Cosmo gas spur line added additional impetus to this area. Anomalous results were indicated in the drilling.

Follow up of this target consisted of a fence of six RC drill holes CS027 – CS032 for 300 metres across the peak of the anomaly approximately 50m south of the pre-existing drill line. Results from this programme downgraded this prospect with a best result of 1m @ 4.84g/t Au.

Results from soil and rock chip sampling indicated a weak anomaly associated with quartz blows east of the drill tested target. Other work conducted by Dominion failed to produce any anomalies.

Partial surrender of ERL95, retaining an area between the gas spurline easement and the existing boundary of Cosmo Mine Lease MLN993 for mine infrastructure purposes, was granted 6 August 1992. No exploration expenditure is envisaged for the forthcoming year.

2. LOCATION AND TENURE

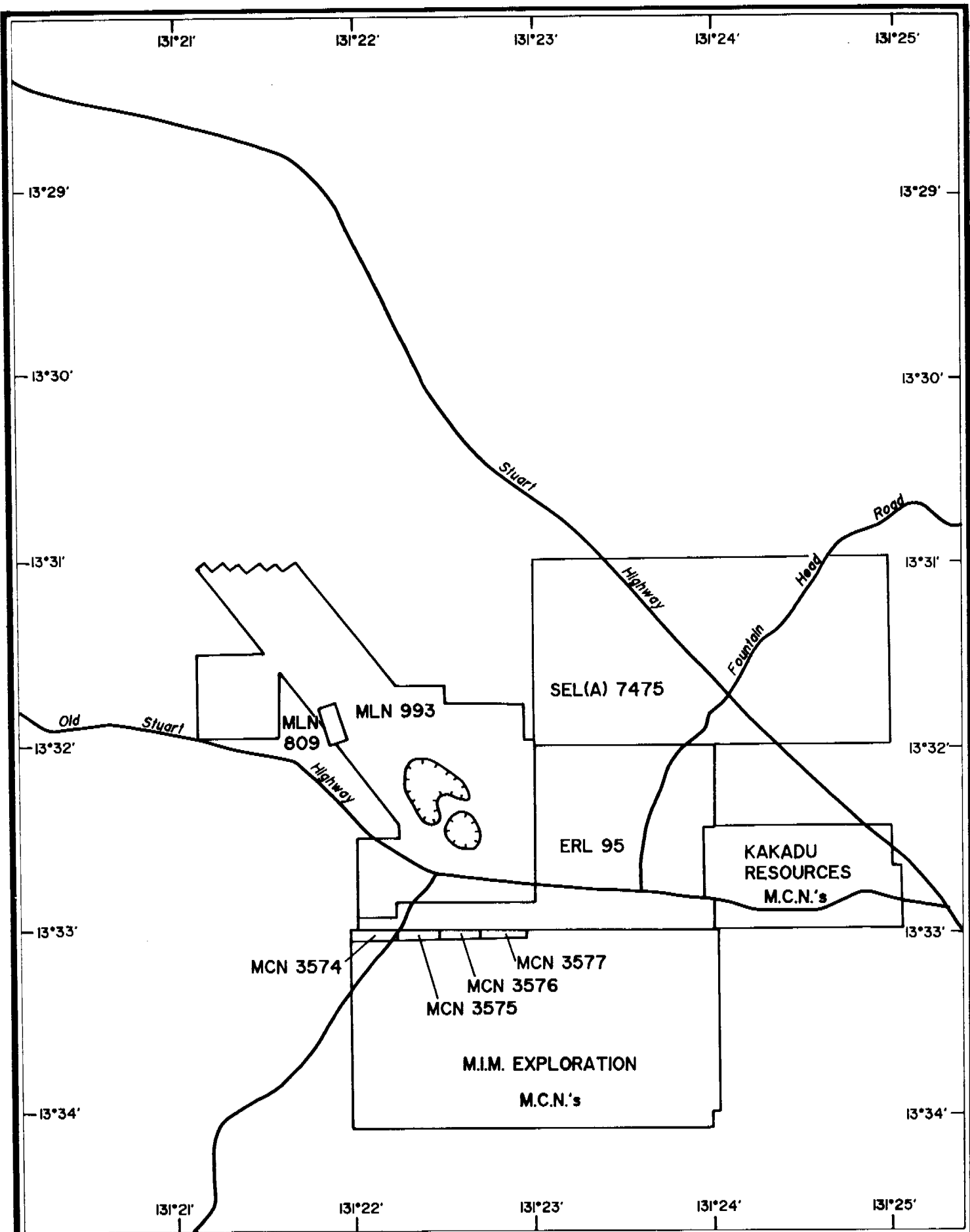
ERL95 forms the south eastern extensions of the Cosmo Howley Gold Mine, and is located 50km south east of Adelaide River, within the Douglas Pastoral Lease (PL903). Access is provided by the Old Stuart Highway, and Fountain Head Road. See Figure 1.

ERL95 was purchased by Dominion from Northern Gold NL on 15 February 1991, with title transfer effected on 7 May 1991. Purchase of this tenement was part of a large package of tenements purchased by Dominion in the Howley and Mt. Shooobridge area.

An application for a conditional partial surrender of ERL95 was made on the 7 February 1992. The area to be retained comprises 72.1ha between the Gas Spurline and eastern boundary of MLN993, and part of the area the subject of recently granted tenement MCN4300. At the same time, MCN's 3574-3575 were conditionally surrendered in favour of application MCN4300. See Figure 2.

In requesting the conditional partial surrender of ERL95, Technomin Australia NL, who retained 10% free carried interest in ERL95 as the result of an Agreement between themselves and Northern Gold NL (the former holder of ERL95), gave to Dominion their approval in writing (6 February 1992) to the surrender with the provision that should Dominion or any associated party resume title to the subject ground within three (3) years of the surrender date, Technomin's interest would be deemed to continue.

Partial surrender of ERL95 became effective on 6 August 1992 with an exploration covenant of \$18,000 set for Year 3 of Tenure.



COSMO SOUTH TENEMENT LOCATION

PROJECT COSMO SOUTH

STATE N.T.

ORIGINATOR F.F.

Date 10/91

DRAWN R.L.

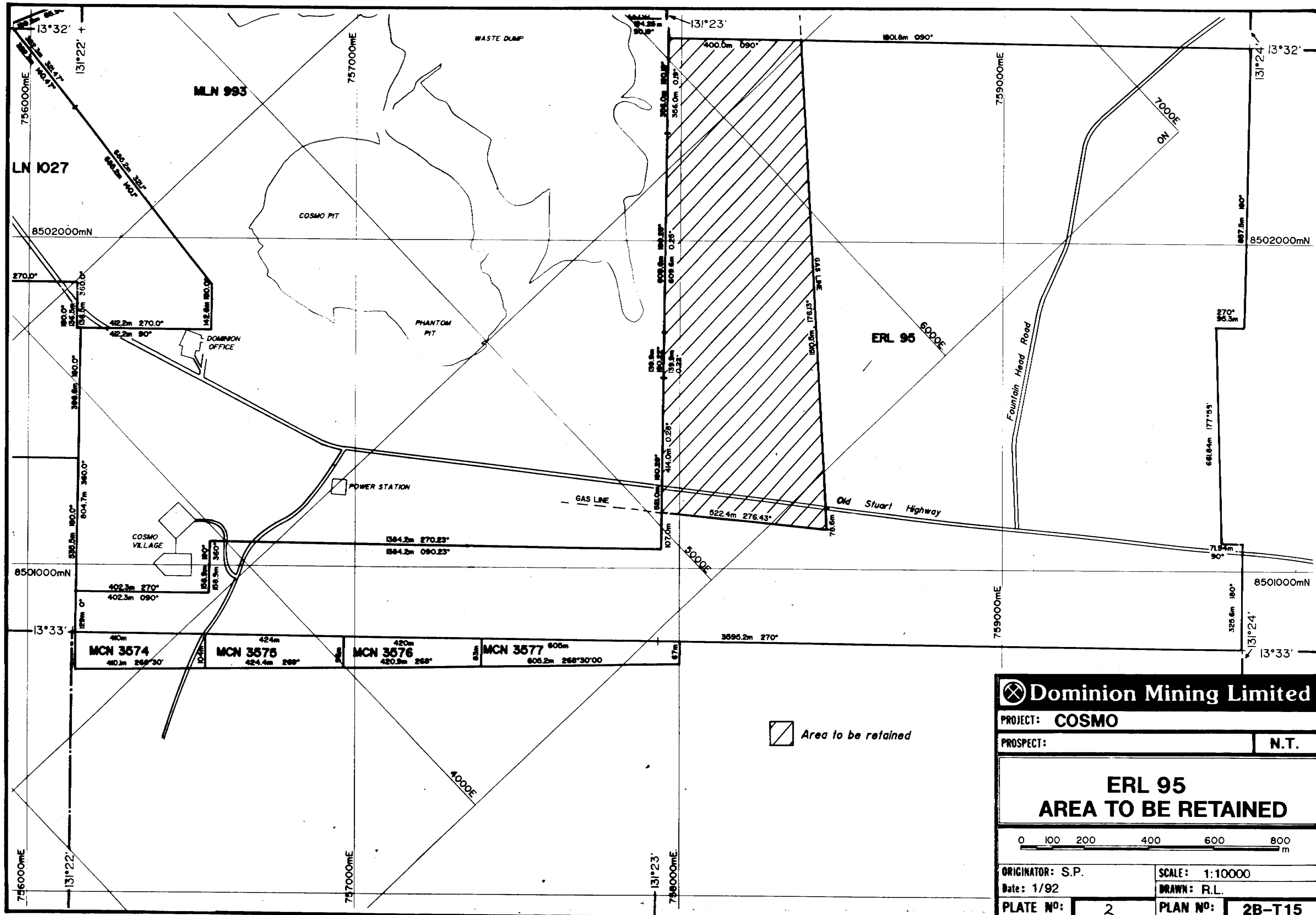
Date 10/91

 Dominion Mining Limited

SCALE 1:50000

FIGURE NO: 1

PLAN NO: 2B-T13



3. PREVIOUS EXPLORATION

Northern Gold

Exploration evaluation of the Southeast corner of MLN993, southeast from Dominion's Phantom Pit, indicated the presence of anomalous to sub-economic widths and grades of gold mineralization, which continued to trend southeast into ERL95.

Previous work completed by Northern Gold on EL4736 in the area of current ERL95 included:-

- i) Geological mapping at 1:2000 scale (1988).
- ii) Sampling of Cosmo Gas Pipeline trenches, both N-S and E-W, within the area (1988).
- iii) RC percussion drilling – 11 holes for 1166m (1988).
- iv) Geochemical soil sampling – 51 samples (1988/1989).

The above work has been fully documented by McKenzie (1988) and Stokes (1989).

Work completed by Northern Gold during 1990 (Year 1 of ERL95 tenure) included:

- i) Soil sampling – 182 samples
- ii) Rock chips – 12 samples

Drilling during 1988 was of a reconnaissance nature and was targetted at:-

- (A) Axial zone of Howley Anticline containing quartz stockworks within Wildman Siltstone sediments.
- (B) Northeast limb of Howley Anticline, containing siliceous-ferruginous pelite of the Middle Koolpin formation.

3. Previous Exploration (Cont'd)

Best results from Target A above were from hole CE1 with 11 metres at 1.90 g/t Au from 11 metres which included 1 metre at 3.34 g/t Au and 6 metres at 2.42 g/t Au from 92 metres. However, overcutting and undercutting of Hole CE1 failed to repeat the widths and grades of mineralization leaving some doubt as to the validity of the original assays.

Target B above returned no significant assays.

Northern Gold, at the expiry of former EL4736 in September 1989, concluded that a potential existed for extensions to the Cosmo Howley mineralization. On this basis the ERL95 was granted, effective 19 Sep '89 for 5 years.

Northern Gold completed no additional work on ERL95 during Year 2, prior to sale to Dominion.

4. GEOLOGY

4.1 Regional Geology

The geology of the Pine Creek Basin has been well documented by the BMR [Wallace et al (1985), Needham, et al (1980)].

The Early Proterozoic sequence was deposited by alternating shallow marine and continental environments in an intracratonic basin setting. Following intrusion by conformable sills, a major period of deformation and regional metamorphism, related to granite intrusion, produced a series of tight, upright folds.

Early Proterozoic stratigraphy of the Pine Creek/Adelaide River area is shown in Table 1.

3.2 Local Geology

Geology of the ERL95 is shown in Figure 3. The main focus of interest is the Howley Anticline which trends southeast from Cosmo and Phantom Pits down towards the southwestern corner of ERL95.

South of MLN993 into ERL95 Zamu Dolerite and Wildman Siltstone dominate the axial zone with Wildman Siltstone becoming prominent to the south where the anticline broadens as it approaches the Fenton Granite.

Mineralization in the tenement generally occurs within the core of the anticline or on the west limb, and is associated with quartz veining.

STRATIGRAPHIC COLUMN

**UNDIFFERENTIATED LATERITISED
SEDIMENTS**

CRETACEOUS

DALY RIVER GROUP

- Ooloo Dolostone
- Jinduckin Formation
- Tindal Limestone
- Jindare Formation

CAMBRIAN-ORDOVICIAN

TOLMER GROUP

- Hinde Dolomite
- Stray Creek Sandstone
- Depot Creek Sandstone

MIDDLE PROTEROZOIC

CULLEN GRANITOIDS

Composite I-type Batholith (1840-1780 Ma)

- Mc Minns Bluff Granite
- Fenton Granite
- Shoobridge Granite

ZAMU DOLERITE (±? Maude)

FINNISS RIVER GROUP

- Burrell Creek Formation

- Mt. Bonnie Formation

- Gerowie Tuff

- Koolpin Formation

SOUTH ALLIGATOR
GROUP

EARLY PROTEROZOIC

- Wildman Siltstone

- Mundogie Sandstone

MT. PARTRIDGE
GROUP

NAMOONA GROUP

- Masson Formation

CULLEN MINERAL FIELD STRATIGRAPHIC RELATIONS

PROJECT

STATE N.T.

ORIGINATOR F.F.

Date 5/91

DRAWN R.L.

Date 5/91

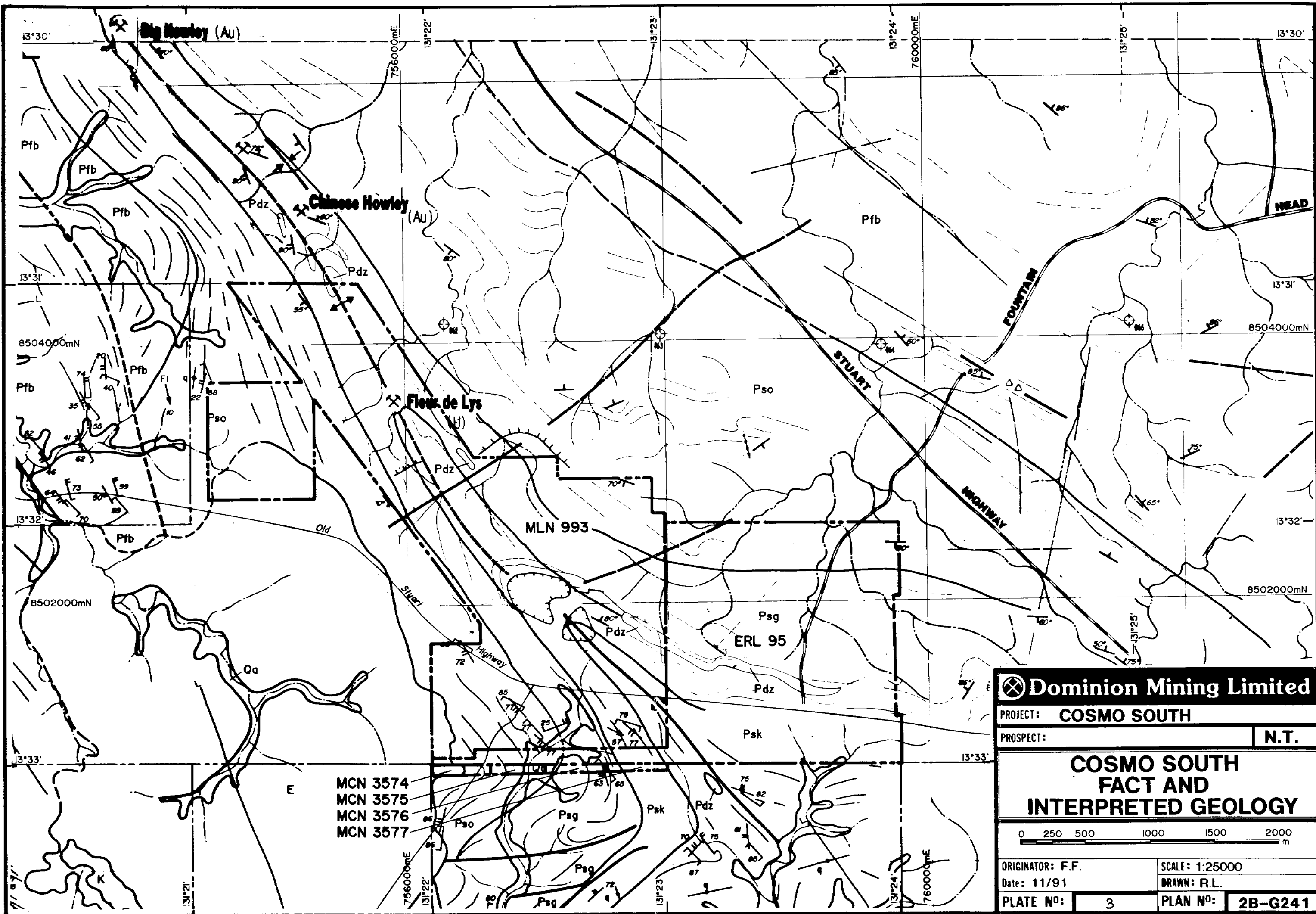
SCALE

TABLE 1

PLAN NO: 2A - GIOO



Dominion Mining Limited



5. YEAR 3 WORK PROGRAM

Work completed by Dominion included:-

- i) Appraisal and evaluation of Northern Gold data prior to acquisition.
- ii) Additional soil sampling – 54 samples
- iii) Rock chips – 21 samples
- iv) Geological mapping at 1:10,000 scale, integrating with Dominion's Regional Geology data base.
- v) A fence of six (CS027–32), 50m deep RC holes totalling 300m.

Results of mapping, geochemistry, and drill hole location are shown in Plate 1. Drill hole section is shown in Plate 2. Drill hole and mineralization summaries are given in Table 2.

Review of Northern Gold data, and subsequent geological mapping at 1:10,000 scale targeted a significant soil anomaly, with moderate rock chip results (Max. 2.05 ppm Au) as worthy of follow up. A fence of RC holes, consisting of six, 50m deep holes (CS027–CS032) were drilled over the peak of the anomaly, 50m south of a previous fence of holes along the gasline spur drilled by Northern Gold. This drilling failed to identify any significant mineralization with a best result of 1m @ 4.84 g/t Au.

TABLE 2
ERL95 DRILL AND MINERALIZATION SUMMARY

HOLE NO	CO-ORDS	AZIM/INC	TOTAL DEPTH	COMM COMP	SAMPLE NO	COMMENTS	MINERALIZATION (g/t)
CS027	130.54N 5069.17E 1143.38RL	0m: 090/60°	50m	21/10/91 21/10/91	702101-150		Nil Mineralization
CS028	132.57N5 051.21E 1143.6RL	0m: 090/60°	50m	22/10/91- 22/10/91	702151-702200		25-26m: 1m @ 1.21
CS029	135.54N 5029.9E 1143.1RL	0m: 090/60°	50m	22/10/91 22/10/91	702201-250		Nil Mineralization

TABLE 2
ERL95 DRILL AND MINERALIZATION SUMMARY

HOLE NO	CO-ORDS	AZIM/INC	TOTAL DEPTH	COMM COMP	SAMPLE NO	COMMENTS	MINERALIZATION (g/t)
CS030	137.34N 5010.1E 1143.3RL	0m: 090/60°	50m	23/10/91 23/10/91	702251-300		Nil Mineralization
CS031	140.07N 4990.12E 1142.9RL	0m: 090/60°	50m	23/10/91 23/10/91	702301-350		Nil Mineralization
CS032	141.54N 4970.4E 1142.5RL	0m: 090/60°	50m	23/10/91 24/10/91	702351-400		7-8m: 1m @ 4.84

6. CONCLUSIONS AND RECOMMENDATIONS

Exploration work conducted on ERL95 during 1991/92 included soil sampling, rock chip sampling, geological mapping and RC drilling.

Within ERL95, a low priority gold anomalous target was tested by a fence of six RC holes, which failed to detect any significant mineralization. As the extent of surface anomalism is of much lower tenor than in extensively tested areas on adjacent MLN993 which encountered no economic potential when drilled, it is considered there is no economic ore potential within ERL95.

7. EXPENDITURE

Expenditure covenant for Year 3 of tenure was \$18,000.

Expenditure for ERL95, recorded for the 12 months ending September 1992, as given below, is \$27,200.

ERL95 EXPENDITURE YEAR 3

Assays	3,077
Drilling	7,586
Salaries/Wages	5,340
Travel/Accommodation	124
Vehicles	3,026
Drafting/Computing	1,109
Field Supplies	1,515
Office	1,881
Administration	3,542
	\$27,200

8. REFERENCES

- DAMES & MOORE, 1988. Environmental Review of the Howley Alluvial Project for Metana Minerals NL.
- FUCCENECCO, F., VOOYS, R.A. & RUZICKA, P. 1991. Cosmo South Project Annual Report to 31 December 1991 (MLN993 South of Phantom Pit, MCN's 3574-3577, ERL95).
- MCKENZIE R, 1988 EL4736 Annual Report for the period ending 30 June 1988, Northern Gold NL.
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- RUSSELL, R. 1987 Howley Project Northern Territory. Annual Report for the Period ending 20.2.87 for Metana Minerals NL.
- RUSSELL, R. 1989. Annual Report on the Mining Activities in the Exploration Lease EL4736 for Metana Minerals NL.
- STOKES, M. 1989 EL4736 Final Report to 30 June 1989. (Areas converted to other tenements). Northern Gold NL.
- STOKES, M. 1989 EL4736 Final Report (Areas not converted to other tenements). Northern Gold NL.
- VOOYS, R.A. & FUCCENECCO F. 1991 ERL95 - Cosmo South Project Interim Annual Report Year 2 for period 19.9.90 to 18.9.91) Dominion Gold.

APPPENDIX 1
COSMO SOUTH DRILL LOGS

Box CK

DRILL HOLE No. C5027

PROSPECT	COSMO SOUTH - ELL 95		
CO-ORDS	130.54 N 5069.17 E		
COLLAR R.L.	1143-38	DEPTH	50
COLLAR AZIM.	450	INCL.	60
DATE COMMENCED	21/10/91	COMPLETED	22/10/91
LOGGED BY	FF	SAMPLED BY	MF

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % Imm = 20%	Sample Number Prefix 70	ASSAY RESULTS		
From	To										Au	Au/R	
0	1	br mi ss / smel							1	101	0.28		
1	2	" "									0.18		
2	3	" "							1		0.04		
3	4	" "							5		<0.01		
4	5	br grey mi smel / ss							1		0.04	0.06	
5	6	" "									0.01		
6	7	" "									0.02		
7	8	" mi for smel / ss									0.03		
8	9	" " "									<0.01		
9	10	br mi smel								110	<0.01		
10	11	br mi " for									0.03		
11	12	" "									0.01	<0.01	
12	13	" "									<0.01		
13	14	" "									<0.01		
14	15	" "									0.02		
15	16	br black mi for? bi? smel									0.01		
16	17	" "									<0.01		
17	18	" for smel									<0.01		
18	19	br grey mi smel									<0.01		
19	20	" "								120	<0.01		
REMARKS													
alt sample strongly foliated / mica-sericite (alteration)													



Percussion Drill Hole Log

DRILL HOLE No. CS027

PROSPECT COSMO SOUTH - CRL 95	
CO-ORDS	
COLLAR R.L.	DEPTH 50
COLLAR AZIM. 45	INCL. 60
DATE COMMENCED 21/10/71 COMPLETED 22/10/71	
LOGGED BY FF	SAMPLED BY MP

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm = 20%	Sample Number Prefix 702	ASSAY RESULTS	
From	To										Au	Au(R)
20	21	br black for smd								121	0-02	
21	22	br mi smd									0-05	
22	23	br grey mi for smd									0-09	
23	24	u u u									0-03	
24	25	mi sil for smd									0-02	
25	26	br grey mi smd									0-04	
26	27	" mi sil for smd									0-06	
27	28	u u u u									0-41	
28	29	br mi smd									0-04	
29	30	br grey sil mi for smd							20	130	0-12	
30	31	40% qtz " "							90		0-02	
31	32	br mi smd									0-01	0-01
32	33	grey mi smd									<0-01	
33	34	grey black mi for smd (Box)									0-02	
34	35	" " wet									0-05	
35	36	grey mi for smd									0-04	
36	37	u u u									0-02	
37	38	u u u									0-04	
38	39	grey black mi for smd									0-03	
39	40	black bi for smd								140	0-03	0-02
REMARKS												

SHEET 3 OF 3



PROSPECT <i>Cosmo South - ERL 95</i>	
CO-ORDS	
COLLAR R.L.	DEPTH 50
COLLAR AZIM. 45	INCL. 60
DATE COMMENCED 21/10/91	COMPLETED 22/10/91
LOGGED BY FF	SAMPLED BY MP

[illegible]



Percussion Drill Hole Log

PROSPECT	EOSMO SOUTH - ERL 95		
CO-ORDS	132-573N 5051-21E		
COLLAR R.L.	1143-6	DEPTH	50
COLLAR AZIM.	45	INCL.	60
DATE COMMENCED	22/10/91	COMPLETED	22/10/91
LOGGED BY	FF	SAMPLED BY	MA

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm = 20%	Sample Number Prefix 202	ASSAY RESULTS		
From	To										Au	Ag	R
0	1	br mi to tour smd								151	<0.01		
1	2	br grey mi smd									<0.01		
2	3	" "							10		DTF		
3	4	" "							4		0.03		
4	5	" "							20		0.03		
5	6	" "							50		0.07		
6	7	" "							10		0.16		
7	8	qtz " "							80		0.32		
8	9	90% qtz " "							90		0.17		
9	10	100% qtz clear-milky white							100	160	0.07		
10	11	gray br mi smd							5		0.03		
11	12	" "									0.01		
12	13	br " "									DTF		
13	14	br mi smd									0.01	0.03	
14	15	" " "									<0.01		
15	16	" " "									<0.01		
16	17	" " "									<0.01		
17	18	" " "									0.04	0.04	
18	19	" " "									0.05		
19	20	" " "								170	0.11		

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Percussion Drill Hole Log

DRILL HOLE No. CSD28

PROSPECT COSMO SOUTH - E RL 75	
CO-ORDS	
COLLAR R.L.	DEPTH 50
COLLAR AZIM. 45	INCL. 60
DATE COMMENCED 22/10/91	COMPLETED 22/10/91
LOGGED BY FF	SAMPLED BY MF

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm = 20%	Sample Number Prefix 702	ASSAY RESULTS	
From	To										A _u	A _g
20	21	br grey mi smd		P ₇						17.1	0.07	
21	22	" "									0.27	
22	23	" "									0.92	
23	24	" "									0.18	
24	25	" "									0.82	
25	26	" "									1.21	
26	27	" "									0.34	
27	28	" "									0.08	
28	29	" "									0.66	0.60
29	30	" "								180	0.15	
30	31	" "							5		0.10	
31	32	" "							4		0.05	
32	33	grey br "							5		0.43	
33	34	grey "							5		0.17	
34	35	grey black " (Box)							1		0.34	0.37
35	36	greysome "		1					30		0.53	
36	37	grey mi smd west							4		0.32	
37	38	grey black mi tar smd							1		0.19	
38	39	" "		4					50		0.64	
39	40	" "							1	190	0.42	

DOMINION MINING LIMITED

Percussion Drill Hole Log

DRILL HOLE No. C5028

PROSPECT <i>cosmo south - ERL 95</i>	
CO-ORDS	
COLLAR R.L.	DEPTH <i>50</i>
COLLAR AZIM. <i>45</i>	INCL. <i>60</i>
DATE COMMENCED <i>22/10/91</i>	COMPLETED <i>22/10/91</i>
LOGGED BY <i>FF</i>	SAMPLED BY <i>MP</i>

[illegible]



Percussion Drill Hole Log

PROSPECT COSMO SOUTH - EFL 95	
CO-ORDS	135.54 N 5029.9 E
COLLAR R.L.	1143-1 DEPTH 50
COLLAR AZIM.	45 INCL. 60
DATE COMMENCED	22/10/91 COMPLETED 22/10/91
LOGGED BY	FF SAMPLED BY W.P.

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm= 20%	Sample Number Prefix To 2	ASSAY RESULTS		
From	To										A	A	R
0	1	br black mi to s sand								201	0-01		
1	2	" "							2		<0-01		
2	3	" "									<0-01		
3	4	" "									<0-01		
4	5	br grey "									<0-01		
5	6	" "									<0-01		
6	7	" "									0-01		
7	8	" "									<0-01		
8	9	" "									<0-01		
9	10	" "								210	<0-01	<0-01	
10	11	br grey mi sand									0-01		
11	12	" "									0-01		
12	13	" "									0-01		
13	14	" "									0-01		
14	15	" mi to r sand									<0-01		
15	16	" "									<0-01		
16	17	" "									<0-01		
17	18	" "									0-01		
18	19	" "									<0-01		
19	20	" "								220	0-02	0-01	
REMARKS													



Percussion Drill Hole Log

PROSPECT <i>cosmo south - ERL 95</i>	
CO-ORDS	
COLLAR R.L.	DEPTH <i>50</i>
COLLAR AZIM.	INCL. <i>60</i>
DATE COMMENCED <i>10/91</i>	COMPLETED <i>11/91</i>
LOGGED BY <i>FF</i>	SAMPLED BY <i>mp</i>

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm = 20%	Sample Number Prefix 702	ASSAY RESULTS		
From	To										A _u	A _g	
20	21	br grey m' four sand								221	0.03		
21	22	" "									0.02		
22	23	" "							5		0.01		
23	24	" "									0.01		
24	25	" "									0.04		
25	26	" "									<0.01		
26	27	" "									DTF		
27	28	" "									<0.01		
28	29	" "									0.02		
29	30	grey br								230	<0.01		
30	31	" "									0.02		
31	32	br black									<0.01		
32	33	" "									0.04		
33	34	" "									<0.01		
34	35	grey									<0.01		
35	36	br grey									<0.01		
36	37	grey black									<0.01		
37	38	" "									0.01		
38	39	black									<0.01		
39	40	" "								240	<0.01		

wet

(Box)

↓

REMARKS



Percussion Drill Hole Log

PROSPECT COSMO SOUTH - ERL 95	
CO-ORDS	
COLLAR R.L.	DEPTH 50
COLLAR AZIM.	INCL. 60
DATE COMMENCED 10/91	COMPLETED 10/91
LOGGED BY FF	SAMPLED BY MP

[illegible]

DOMINION MINING LIMITED



Percussion Drill Hole Log

DRILL HOLE No. C5030

PROSPECT	COSMO SOUTH - ERL 95		
CO-ORDS	137-34N	5010-1E	
COLLAR R.L.	1143-3	DEPTH	50
COLLAR AZIM.		INCL.	60
DATE COMMENCED	23/10/91	COMPLETED	23/10/91
LOGGED BY	TF	SAMPLED BY	mp

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm = 20%	Sample Number Prefix Z = Z	ASSAY RESULTS		
From	To										Ag	Ar	
0	1	br md sand								251	0.08		
1	2	"									0.01		
2	3	br grey mi sand									<0.01		
3	4	" "									0.01		
4	5	" " 50% g ¹ / ₃							50		0.03		
5	6	" "									<0.01		
6	7	" mi to s sand									<0.01		
7	8	" "									<0.01	<0.01	
8	9	" "									<0.01		
9	10	" "							260		<0.01		
10	11	" "									<0.01		
11	12	" "									<0.01		
12	13	br black "									<0.01		
13	14	" "									<0.01		
14	15	" "									<0.01		
15	16	" "							2		<0.01		
16	17	" "									0.01		
17	18	" "									0.01		
18	19	" "									<0.01	<0.01	
19	20	" "								270	0.01	<0.01	



Percussion Drill Hole Log

PROSPECT COSMO SOUTH - ERL 95	
CO-ORDS	
COLLAR R.L.	DEPTH 6050
COLLAR AZIM.	INCL. 80
DATE COMMENCED 10/91	COMPLETED 10/91
LOGGED BY FF	SAMPLED BY mp

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm = 20%	Sample Number Prefix 702	ASSAY RESULTS	
From	To										Au	AuL
20	21	br grey mi sand								271	<0.01	
21	22	" "									<0.01	
22	23	" "									<0.01	
23	24	" "									<0.01	
24	25	" mi to coarse sand									<0.01	
25	26	" "							5		0.13	
26	27	" "									<0.01	
27	28	" "									0.01	
28	29	" "									0.04	
29	30	br black mi to coarse sand								280	<0.01	
30	31	" "									<0.01	<0.01
31	32	grey br "									<0.01	
32	33	" "									<0.01	
33	34	" "									0.01	
34	35	br grey " wet									0.02	
35	36	br black "									0.01	
36	37	" "									0.01	
37	38	black br "									0.01	
38	39	" " BOX									<0.01	
39	40	" "								290	0.01	<0.01

DOMINION MINING LIMITED



Percussion Drill Hole Log

DRILL HOLE No. CS030

PROSPECT COSMO SOUTH - ERL 95	
CO-ORDS	
COLLAR R.L.	DEPTH 6050
COLLAR AZIM.	INCL. 60
DATE COMMENCED 23/0/91	COMPLETED 23/10/91
LOGGED BY FF	SAMPLED BY W1

[illegible]

DOMINION MINING LIMITED

DRILL HOLE No. 65031

Percussion Drill Hole Log

PROSPECT	COSMO SOUTH - EXL 95	
CO-ORDS	140.076 N 4990, 12 E	
COLLAR R.L.	1142-9	DEPTH 50
COLLAR AZIM.	45	INCL. 60
DATE COMMENCED	28/10/91	COMPLETED 28/10/91
LOGGED BY	FF	SAMPLED BY MP

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm = 20%	Sample Number Prefix 702	ASSAY RESULTS	
From	To										A _u	A _g
0	1	br mi sand								30r	0.04	
1	2	" "									<0.01	
2	3	" "									0.07	0.09
3	4	br grey mi sand									0.02	
4	5	" "									<0.01	
5	6	" "									<0.01	
6	7	" "									<0.01	
7	8	" "									<0.01	
8	9	" "									<0.01	
9	10	br "								310	0.01	
10	11	" "									<0.01	
11	12	br grey mi sand									0.04	
12	13	" "									0.01	
13	14	" "									0.01	
14	15	" "									<0.01	
15	16	br "								tr	<0.01	<0.01
16	17	br black "									<0.01	
17	18	" "									<0.01	
18	19	" "									0.02	
19	20	" "								320	<0.01	



Percussion Drill Hole Log

PROSPECT <i>cosmo SOUTH - ERL 95</i>	
CO-ORDS	
COLLAR R.L.	DEPTH <i>50</i>
COLLAR AZIM. <i>45</i>	INCL. <i>60</i>
DATE COMMENCED <i>10/91</i>	COMPLETED <i>10/91</i>
LOGGED BY <i>FF</i>	SAMPLED BY <i>mrp</i>

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm= 20%	Sample Number Prefix 702	ASSAY RESULTS	
From	To										A _u	A _g
20	21	br black mi sand							321	20-01	20-01	
21	22	" "								0-01		
22	23	" "								0-01		
23	24	50% milky white qtz "							80	<0.01		
24	25	gray br mi sand							5	<0.01		
25	26	" "							20	<0.01		
26	27	black br fine to ss sand							20	<0.01		
27	28	" "							20	<0.01		
28	29	gray br "								<0.01		
29	30	" "							330	<0.01		
30	31	" "								0-01		
31	32	" "								0-11		
32	33	" "								0-15		
33	34	" "							10	0-01		
34	35	black br "								0-01		
35	36	" "								0-19		
36	37	" "								0-31	0-35	
37	38	" "								0-57		
38	39	black "								0-17		
x 39	40 (BOX)	" " wet							340	0-04		
REMARKS												

DOMINION MINING LIMITED

Percussion Drill Hole Log

DRILL HOLE No. 65031

PROSPECT		CORNW 50077 - ERL 95	
CO-ORDS			
COLLAR R.L.		DEPTH	50
COLLAR AZIM.	45	INCL.	60
DATE COMMENCED	10/91	COMPLETED	10/91
LOGGED BY	RF	SAMPLED BY	MP

[illegible]

DOMINION MINING LIMITED

DRILL HOLE No. (503)

Percussion Drill Hole Log

PROSPECT	COSMOSOUTH - ORL 95	
CO-ORDS	141.54 N	4970.40 E
COLLAR R.L.	1142-5	DEPTH 50
COLLAR AZIM.	45	INCL. 60
DATE COMMENCED	23/10/91	COMPLETED 24/10/91
LOGGED BY	FF	SAMPLED BY mp

DEPTH		DESCRIPTION	LITHOLOGY CODE	Mineralisation				GRAPHIC LOG	Quartz % 1mm = 20%	Sample Number Prefix 702	ASSAY RESULTS	
From	To										Am	AR
0	1	black br mi sand.								351	<0.01	<0.01
1	2	" "									0.01	
2	3	" "									<0.01	
3	4	" "									<0.01	
4	5	br "									<0.01	
5	6	br grey "									<0.01	
6	7	" "									<0.01	<0.01
7	8	" "									4.84	
8	9	" "									0.76	
9	10	br "								360	0.02	
10	11	br grey "									0.02	
11	12	" "									<0.01	
12	13	" "									<0.01	
13	14	" "									<0.01	
14	15	" "									<0.01	
15	16	" "									<0.01	<0.01
16	17	" "									0.02	
17	18	br black "									0.01	
18	19	" "									0.39	
19	20	" "								370	0.24	

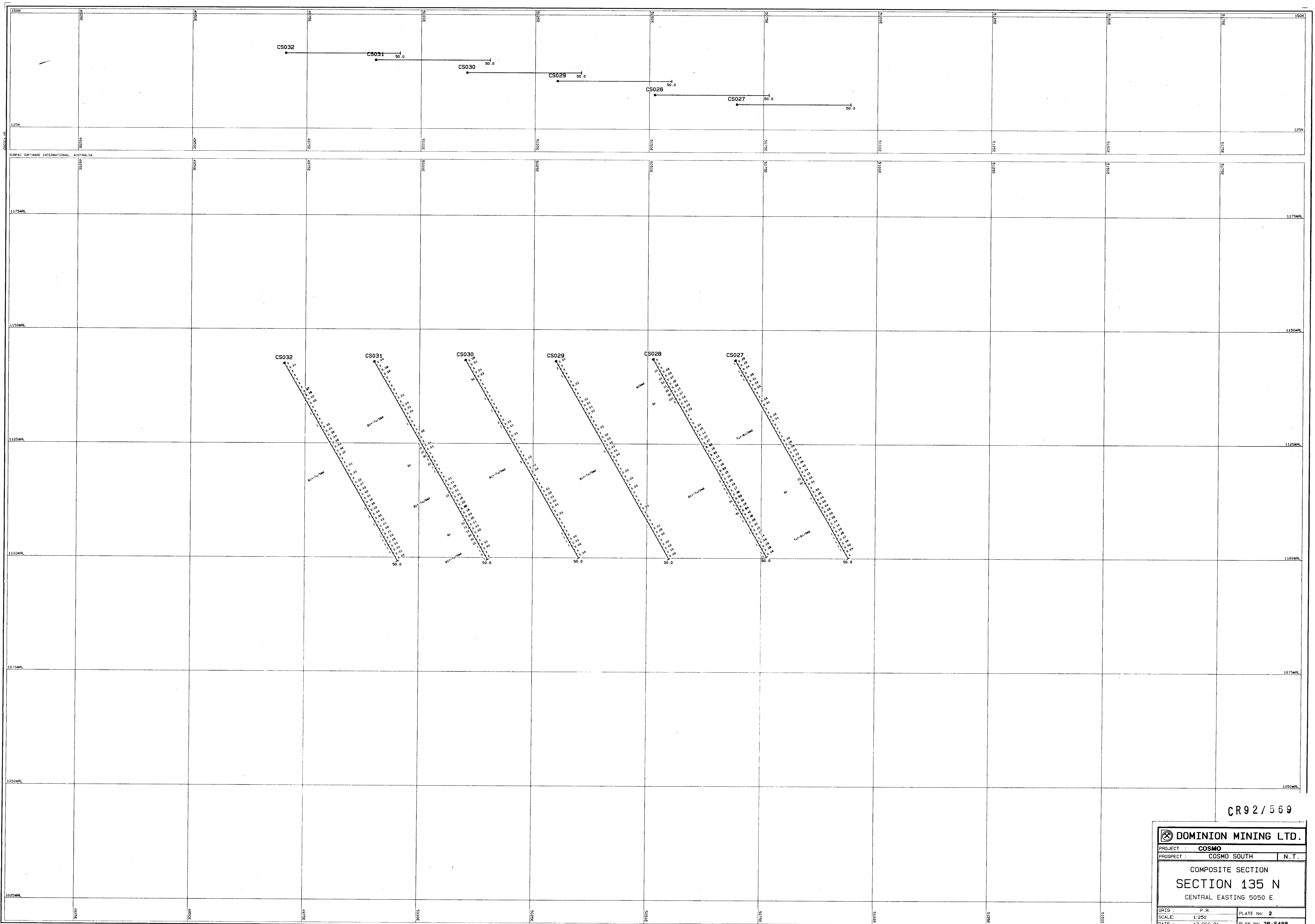
DOMINION MINING LIMITED

DRILL HOLE No. CS032

Percussion Drill Hole Log

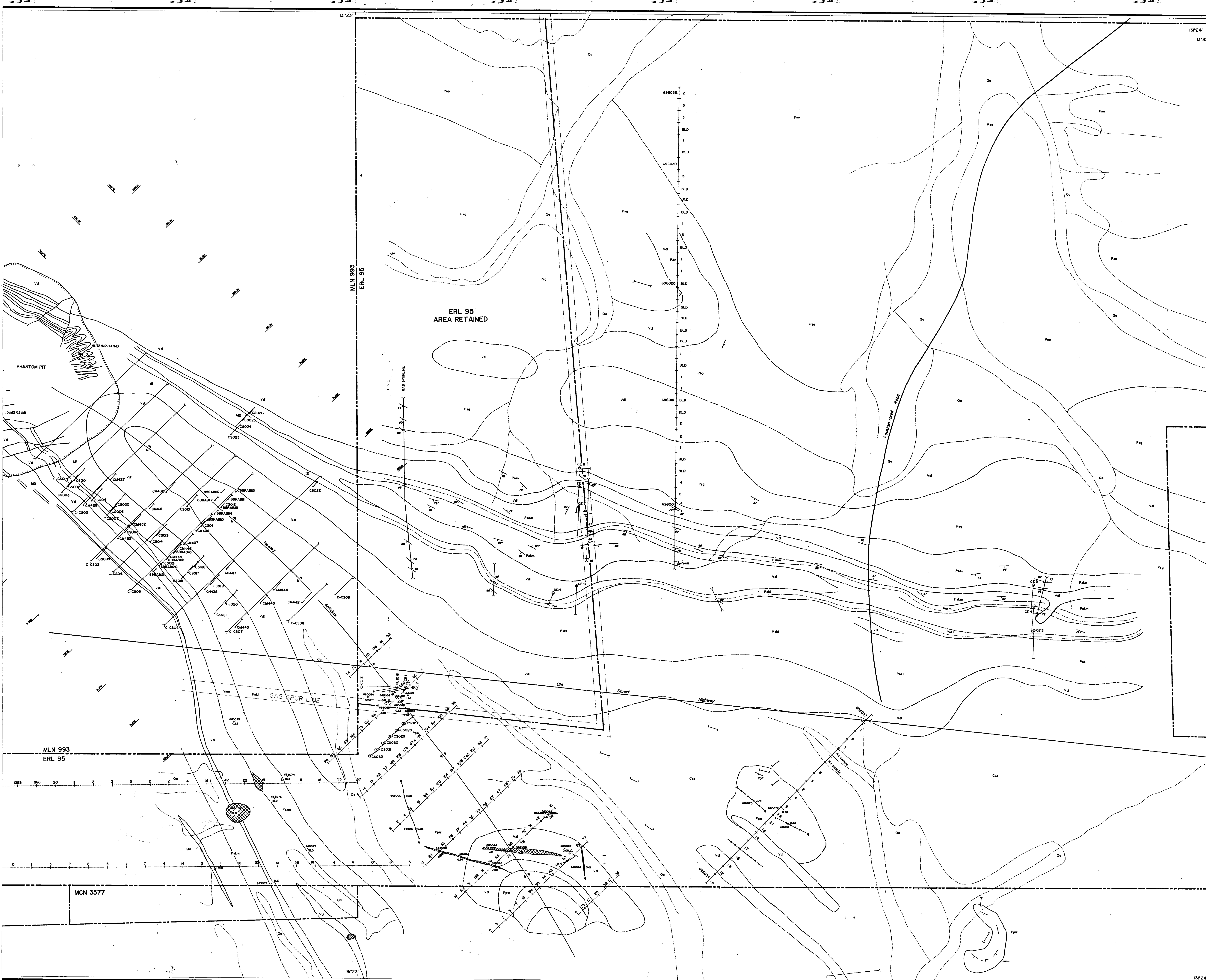
PROSPECT 60222 3007H - 18L95	
CO-ORDS	
COLLAR R.L.	DEPTH 50
COLLAR AZIM. 45	INCL. 60
DATE COMMENCED 10/91	COMPLETED 10/91
LOGGED BY FF	SAMPLED BY J.P.

[illegible]



CR92/569

DOMINION MINING LTD.	
PROJECT :	COSMO
PROSPECT :	COSMO SOUTH
COMPOSITE SECTION	
SECTION 135 N	
CENTRAL EASTING 5050 E	
ORIG :	P.R.
SCALE :	1:250
DATE :	13-DEC-91
PLATE No:	2
PLAN No:	2B-S488



Dominion Mining Limited
PROJECT: **COSMO SOUTH**
PROSPECT: **ERL 95 AND SURROUNDS** N.T.
ERL 95, MCN's 3574-3577
INTERPRETED GEOLOGY
AND GEOCHEMISTRY

ORIGINATOR: F.F. SCALE: 1:2500
DATE: 9/91 DRAWN: R.L. DATE: 9/91
REVISION: DATE: PLATE NO: 1
REVISION: DATE: PLAN NO: 2B-G240

- LEGEND**
- Geological boundary, definite
 - Geological boundary, probable
 - Geological boundary, possible
 - Alluvium
 - Dip and strike of strata
 - Dip and strike of cleavage
 - Anticlinal axis
 - Synclinal axis
 - Quartz reef/vein
 - Coastline
 - Drainage
 - Road, track
 - Pit
 - Rockchip sample
 - Dominion soil sampling, Au in ppb
12.5 into 25 m composite
 - Northern Gold soil sampling, Au in ppb
10 m into 20 m composite
20 m into 40 m composite
 - CE 6
CE 1/5
Dominion drill hole
- GEOLOGY**
- Qe Alluvium
 - Czs Clayey soil
 - Vd Zamu dolerite
 - Pso Mt Bonnie Formation
upper: mudstone, siltstone, chert,
iron formation
lower: greywacke, mudstone, chert,
siltstone, carbonaceous
mudstone, rare conglomerate
 - Psg Gerowie Tuff: mudstone, siltstone, chert
 - Psk Koolpin Formation
Psku upper: carbonaceous mudstone,
mudstone, siltstone
Pskm middle: iron formation, mudstone,
carbonaceous mudstone,
siltstone
Pskl lower: carbonaceous mudstone,
mudstone, siltstone, limestone
 - ML12,M2,13,Vd,M3,S4,M4 Mine Pit sequence
 - Ppw Widman Siltstone: mudstone, phyllite,
siltstone, carbonaceous
mudstone, sandstone

B T P C D S M
2B-G240
DARWIN

CR 92 / 5 6 9