

**PROPOSAL FOR
ANVIL RANGE MINING CORPORATION**

GRIZZLY PROJECT • PHASE I

Faro, Yukon

004937

August 15, 1996

Prepared By:

PROCON MINING AND TUNNELLING LTD.

#205 - 3920 Norland Avenue

Burnaby, British Columbia V5G 4K7

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PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON

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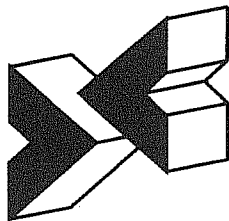
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COVERING LETTER



Procon Mining and Tunnelling Ltd.

August 15, 1996

ANVIL RANGE MINING CORPORATION
117 Industrial Road
WHITEHORSE, Yukon
Y1A 2T8

ATTENTION: Mr. Fritz F. Prugger, P.Eng.
Project Manager

Dear Sir:

Enclosed please find our Proposal for Phase I of the Grizzly Project near Faro.

We have submitted two options for this work as follows:

Option I - A 4.7m high x 4.6m wide fully arched main access ramp to allow the use of large gear and possibly future installation of a production conveyor.

Option II - A 4.25m high x 3.8m wide fully arched main access ramp to be driven with smaller equipment for exploration purposes.

Both methods are priced completely as 'turnkey' projects and are fully explained along with a sketch of each X-Section.

If awarded the work we propose to work on a 2 - 11 hour shift per day basis, 7 days a week with a crew averaging around 15 to 20 men including indirect labour and ground support. A development and manpower schedule is included with each option.

As we realize time is of the essence to get underground before winter conditions set in, we would be prepared to mobilize a 3 boom jumbo, a couple of compressors, and an 8 yard scooptram, to establish the portal and drive the first 50 metres or so. This would allow installations of the portal structure, and facilitate winterizing and installation of mine air heat once the project gets underway.

As far as equipment goes for either proposal we have the necessary gear at our shop facility in Nisku, Alberta, to be 'up and running' at your direction. We would invite a visit from your representative to view our equipment and shop facilities and capabilities.

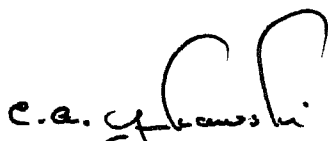
As discussed, we will pursue a conveyor option as you may wish to convey the ore up the ramp into an ore bin for future trucking to the mill. We feel at this time that a conveyor system complete with underground crusher and load out facilities may be obtained for approximately \$2.0 to 2.5 M. In Option I, the conveyor might be used during initial driving depending upon availability and schedule. In any event, it could be installed at a later date along one side while maintaining access to underground along the other. In Option II, the decline vertical dimension would have to be increased by approximately 2/3 of a metre and the conveyor hung from the back. The conveyor in this option would be installed later. A third option using a two opening excavation using a conveyor for muck removal will be considered. We should be able to have this to you within a week to 10 days.

We propose a 'Target' type contract for this work. A description of this type of agreement along with samples of cost over and underruns are enclosed. This type of contract is very flexible in its makeup and participation can be adjusted to whatever percentage level is felt most comfortable. In effect it becomes like a 'partnership' where both parties participate to achieve the most economical and efficient project. We would be prepared to discuss this in more detail with you if our proposal is favoured. If, however, you favour a Firm Unit Price arrangement, we would also be prepared to discuss this with you.

We thank you for the opportunity to tender, and if chosen to do the work, look forward to being able to do a good job for you.

Yours very truly,

PROCON MINING AND TUNNELLING LTD.



E.A. (Ed) Yurkowski, P.Eng.
President

EAY:tld

1.0 OPTION I

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

1.1 DESCRIPTION OF WORK AND METHODOLOGY • OPTION I

Option I consists of driving a 4.7m high x 4.6m wide fully arched access decline (refer to sketch).

1. Labour and Work Schedule:

2 - 11 hour shifts per day, 7 days a week

Crew Size:

	<u>Dayshift</u>	<u>Nightshift</u>
Project Superintendent	1	
Night Captain		1
Surveyor	1	
Labourer/Expeditor	1	
Surface Equipment Operator	1	
Lead Mechanic	1	
Mechanic	2	2
Electrician	1	
Development Miners	<u>3 - 4</u>	<u>3 - 4</u>
Total	11-12	6 - 7
Average 17 to 19 Men		

2. Equipment:

Main Ramp:

- Drilling - 2 boom electric/hydraulic jumbo
- Muck Face & Load Trucks - 8 cu.yard scooptrams
- Haul Muck to Surface - Toro 35D - 40 ton trucks

Exploration Headings:

- Drilling - 2 boom electric/hydraulic jumbo
- Muck Back to Decline Remuck - 3½ cu.yard scooptrams

F/W Access Drift:

- 8 yard scoop will muck back to decline remuck

3. Services:

Main Ramp:

- 6" air line, 4" discharge line, 2" water line
- 12 gauge firing line for initiating blast
- 60" dia. steel ventilation duct and 4 - 150 hp electric fans at 1500' intervals delivering 100,000 cfm of fresh air to the workings
- wall sumps will be established at 800' intervals with 13 hp Flygt pumps for handling water to surface while driving - air operated face pump will pump back to nearest wall sump as face advances
- 4160 volt electrical system will be carried down the main ramp with transformers and substations established as required

Exploration Headings:

- ventilation will be by 36" bag line in the exploration headings and 48" bag line in the footwall access drift
- other services will be similar to the main ramp with the exception that the compressed air line will be reduced to 4" dia. in the two exploration drives

4. Surface Support Plant:

- layout will be as per sketch provided
- shop will be 40' x 60' foldaway, fully equipped
- compressors - 3 - 800 cfm Gardner Denver diesel units to allow spare for backup and shotcreting
- generators - 2 - 545 kw Cat diesel units c/w synchronizing gear to allow parallel operation
- 8 million BTU/HR propane fueled direct fired mine air heater will heat the downcast air in winter as required
- Cat D5H dozer for road maintenance and pushing dump
- Cat 966 front end loader with forks for loading / offloading and general surface servicing
- boom truck c/w tank for servicing and hauling water
- 20 ton tandem rock truck for hauling waste as required to pit
- vaporizers and tanner gas delivery system will be in place for cold weather operation of propane and compressed air systems

5. Benefits of Option I:

- larger access ramp would allow installation of a conveyor system on one side for production, and still maintain access to move larger production equipment up or down without dismantling it

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

1.2 SUMMARY OF TARGET PRICES • OPTION I

1. Mob / Demob & Setup	\$ 635,400
2. Main Access Ramp	
(i) Excavation	3,481,845
(ii) Ground Support	1,355,245
3. Exploration Development	
(i) H/W Exploration Drift	788,449
(ii) F/W Access Drift	862,554
(iii) Ore Access Drift	271,844
(iv) F/W Exploration Drift	879,032
(v) Ground Support	561,586
4. Support Items	5,197,920
5. Diamond Drilling	<u>607,500</u>
Total Estimated Target Price	\$14,641,375
Fee for Profit	<u>948,978</u>
Total Price	<u>\$15,590,353</u>

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

1.2 TARGET PRICES • OPTION I

<i>ITEM</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>TARGET PRICE</i>	<i>TOTAL</i>
1. Mob / Demob & Setup				
Mobilization	1	Lump Sum	\$ 213,200.00	\$ 213,200
Setup & Establish Services	1	Lump Sum	266,900.00	266,900
Establish Portal	1 (10 metres)	Lump Sum	46,500.00	46,500
Demobilize	1	Lump Sum	108,800.00	108,800
			Sub Total 1	\$ 635,400
2(i) Main Access Ramp				
Decline 4.7 x 4.6m @ -18%	1,600	Lin.Metre	\$ 1,959.00	\$ 3,134,400
Explosives Magazines (2)	90	Cu.Metre	86.00	7,740
Transformer Cutouts (3)	135	Cu.Metre	86.00	11,610
Remuck Bays (10)	1,524	Cu.Metre	86.00	131,064
Truck Turnarounds (6)	1,051	Cu.Metre	86.00	90,386
Sumps (7)	945	Cu.Metre	86.00	81,270
Safety Stations (35)	35	Each	725.00	25,375
			Sub Total 2(i)	\$ 3,481,845

1.2 TARGET PRICES • OPTION I (Cont'd)

<i>ITEM</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>TARGET PRICE</i>	<i>TOTAL</i>
2(ii) Ramp Ground Support				
No Delay to Heading				
2.1m Resin grouted rebar	1,050	Each	\$ 76.00	\$ 79,800
Straps	--	Each	20.50	--
Screen	--	Sq.Metre	16.50	--
Heading Delay				
2.1m Resin grouted rebar	7,000	Each	98.50	689,500
Straps	561	Each	31.00	17,391
Screen	4,140	Sq.Metre	25.10	103,914
Other				
Shotcrete (thru the pot)	330	Cu.Metre	1,408.00	464,640
			Sub Total 2(ii)	\$ 1,355,245
3. Exploration Development				
(i) H/W Exploration Drift				
	470	Lin.Metre	\$ 1,522.00	\$ 715,340
Remuck Bays (2)	212	Cu.Metre	125.00	26,500
Sumps (1)	81	Cu.Metre	125.00	10,125
Safety Bays (7)	7	Each	712.00	4,984
Diamond Drill Cutouts (7)	252	Cu.Metre	125.00	31,500
			Sub Total 3(i)	\$ 788,449
(ii) F/W Access Drift				
	485	Lin.Metre	\$ 1,595.00	\$ 773,575
Sumps (2)	162	Cu.Metre	113.00	18,306
Remuck Bays (3)	457	Cu.Metre	109.00	49,813
Safety Bays (8)	8	Each	731.00	5,848
Diamond Drill Cutouts (3)	108	Cu.Metre	139.00	15,012
			Sub Total 3(ii)	\$ 862,554

1.2 TARGET PRICES • OPTION I (Cont'd)

<i>ITEM</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>TARGET PRICE</i>	<i>TOTAL</i>
(iii) Ore Access Drift	152	Lin.Metre	\$ 1,681.00	\$ 255,512
Remuck Bays (1)	106	Cu.Metre	147.00	15,582
Safety Bays (1)	1	Each	750.00	750
			Sub Total 3(iii)	\$ 271,844
(iv) F/W Exploration Drift	417	Lin.Metre	\$ 1,900.00	\$ 792,300
Remuck Bays (2)	212	Cu.Metre	163.00	34,556
Sumps (1)	81	Cu.Metre	158.00	12,798
Safety Bays (7)	7	Each	750.00	5,250
Diamond Drill Cutouts (6)	216	Cu.Metre	158.00	34,128
			Sub Total 3(iv)	\$ 879,032
(v) Ground Support				
No Delay to Heading				
1.8m Splitset bolts	2,764	Each	\$ 42.35	\$ 117,055
Straps	1,331	Each	23.00	30,613
Screen	--	Sq.Metre	16.50	--
Heading Delayed				
1.8m Splitset bolts	3,785	Each	55.65	210,635
Straps	1,447	Each	31.00	44,857
Screen	--	Sq.Metre	25.10	--
Other				
Shotcrete (thru the pot)	113	Cu.Metre	1,402.00	158,426
			Sub Total 3(v)	\$ 561,586

1.2 TARGET PRICES • OPTION I (Cont'd)

<i>ITEM</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>TARGET PRICE</i>	<i>TOTAL</i>
4. Support Items				
Muck Disposal - surface	16.7	Months	\$ 19,000.00	\$ 317,300
Servicing & Road Maintenance	16.7	Months	18,600.00	310,620
Indirect Labour and Support Plant	500	Days	9,140.00	4,570,000
			Sub Total 4	\$ 5,197,920
5. Diamond Drilling				
Drilling BQTK Core	13,000	Metre	\$ 45.90	\$ 596,700
Mob / Demob	1	Each	10,800.00	10,800
			Sub Total 5	\$ 607,500
Total Estimated Target Price				\$ 14,641,375
Fee for Profit				948,978
Total Price				\$ 15,590,353

<i>ITEM</i>	<i>UNIT</i>	<i>TARGET PRICE</i>
Miscellaneous Prices (if required)		
Supply & Install Portal Culvert	Lin.Metre	\$ 3,000.00
Extra Explosives Cost (if anfo cannot be used)	Lin.Metre	105.00
Miscellaneous Slashing	Cu.Metre	85% of applicable heading equivalent
Extra Shotcrete Cost (if fiber required)	Cu.Metre	60.00

*Note: Target Prices all include 8% General and Administrative Cost (G & A)
G.S.T. is extra and added to each invoice as applicable*

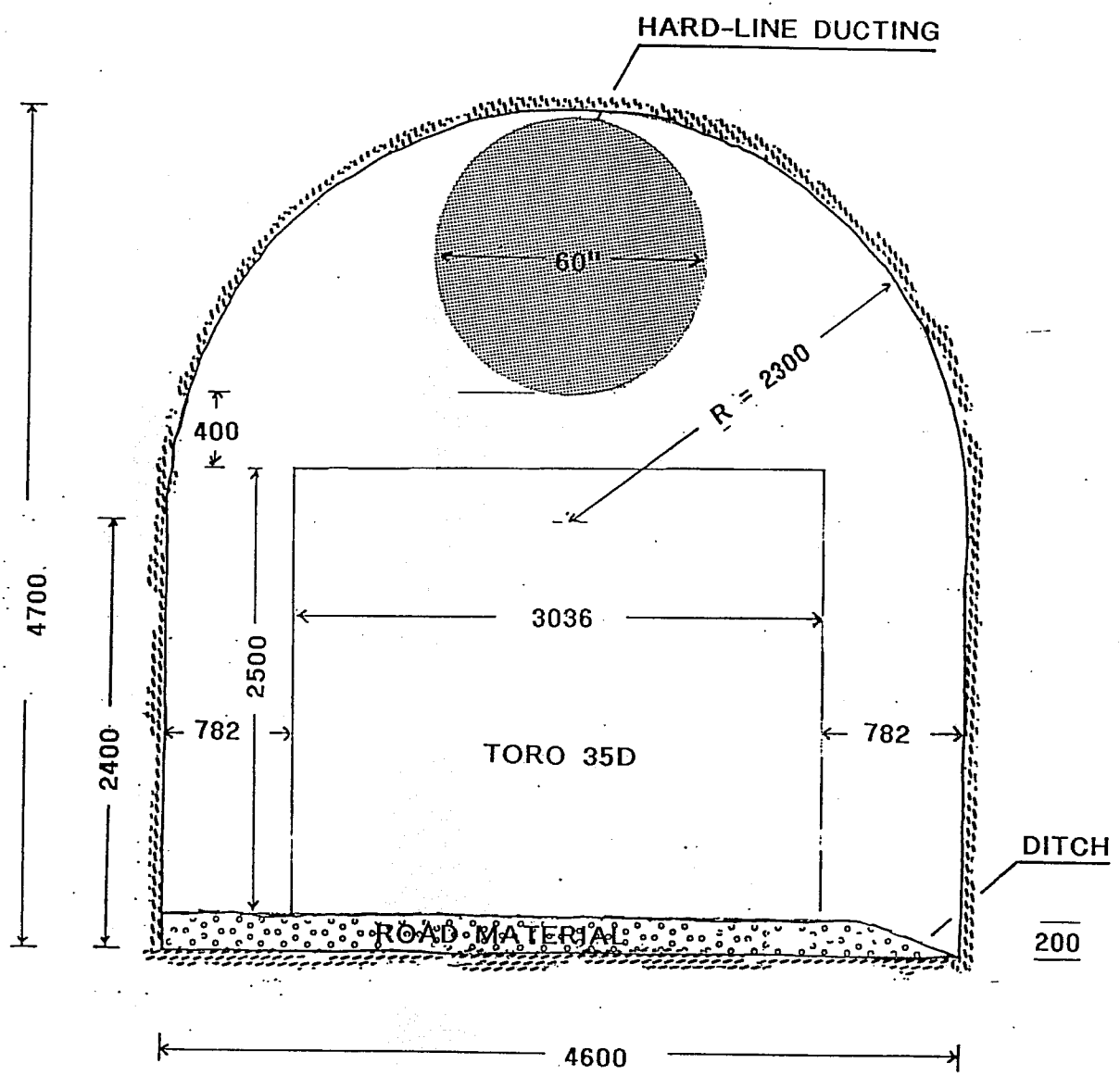



FIGURE 1.4A


The Procon Group

ANVIL RANGE MINING CORP.
 GRIZZLY PROJECT
 TYPICAL DECLINE X-SECTION

SCALE: 1:40	DRAWN BY: E.B.	DWG NO: AR-GR-5
DATE: Aug/96	APP'D BY: _____	

AREA 19.34 SQ.M.

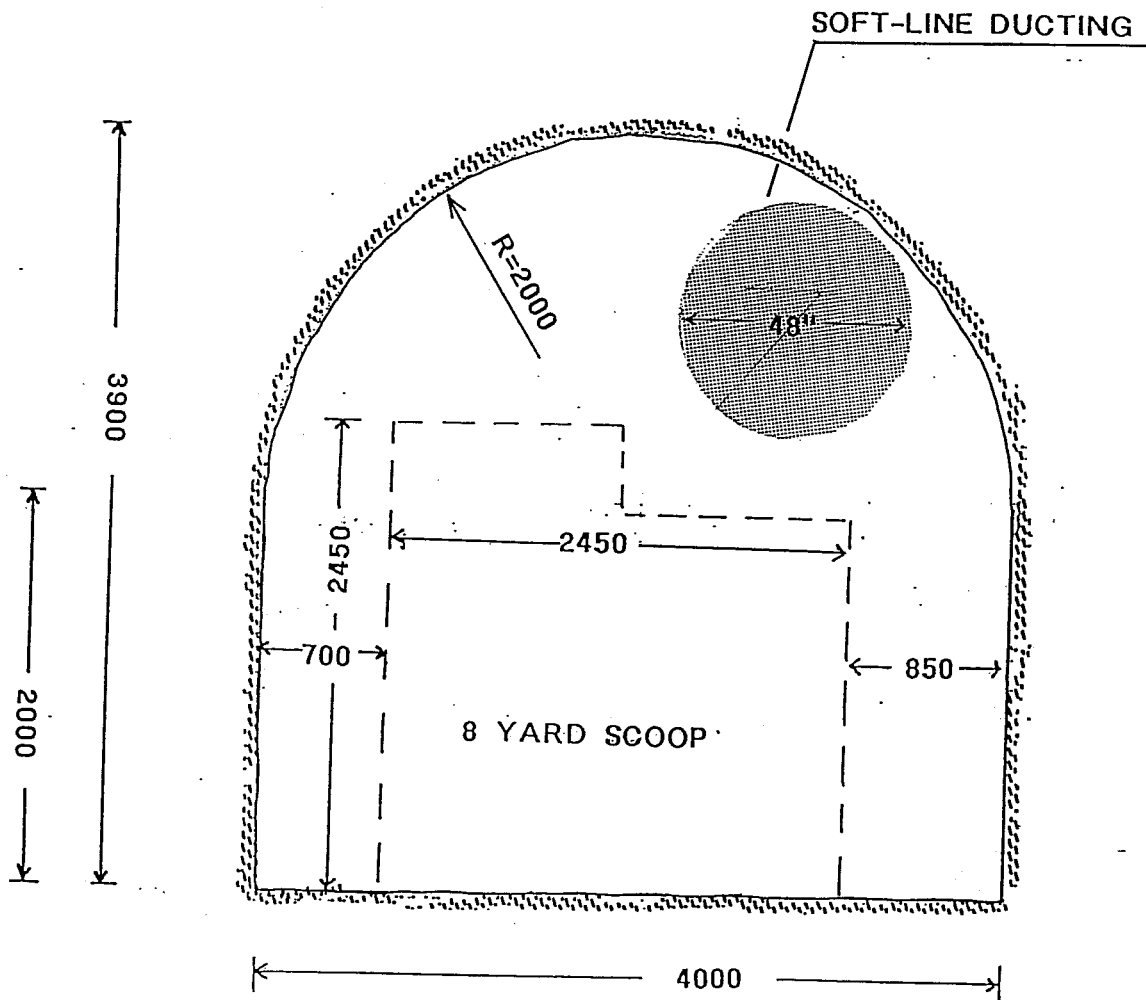


FIGURE 1.4B



The Procon Group

ANVIL RANGE MINING CORP.
 DY PROJECT
 TYPICAL EXPL. DRIFT X-SECTION

SCALE: 1:40

DRAWN BY: E.B.

DWG. AR-GR-7

AREA 13.9 SQ.M

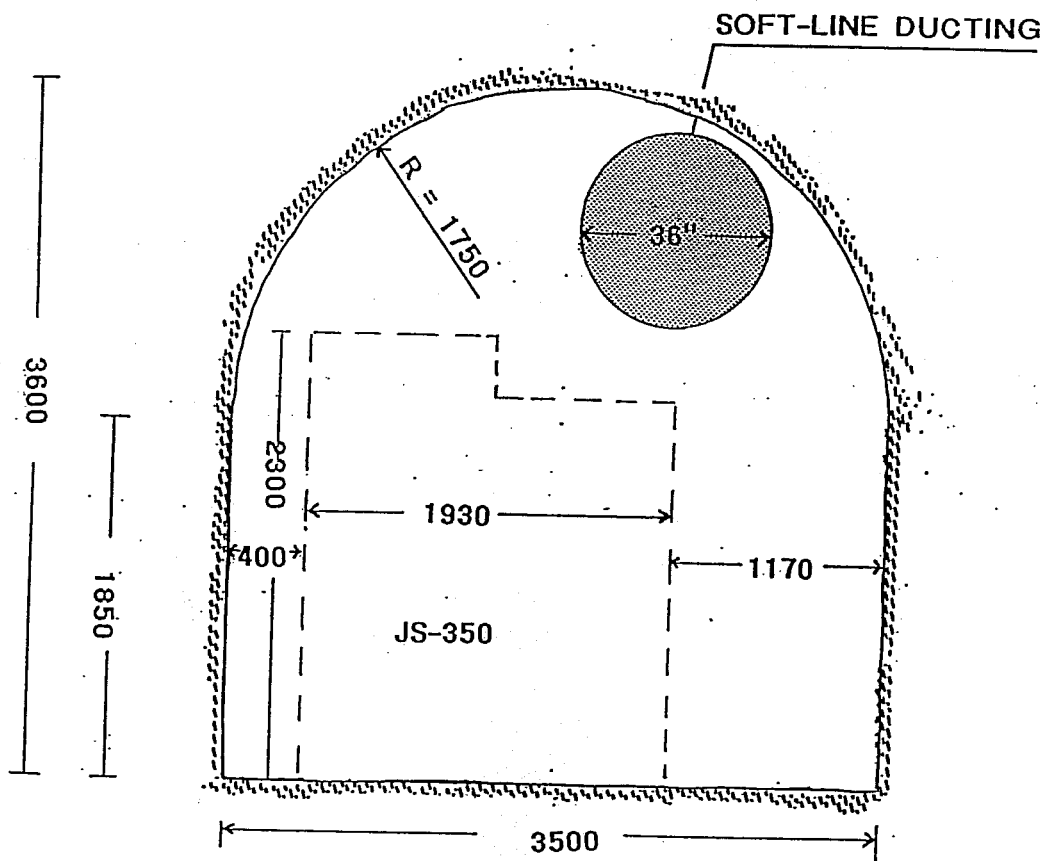


FIGURE 1.4C



The Procon Group

ANVIL RANGE MINING CORP.

DY. PROJECT

TYPICAL EXPL. DRIFT X-SECTION

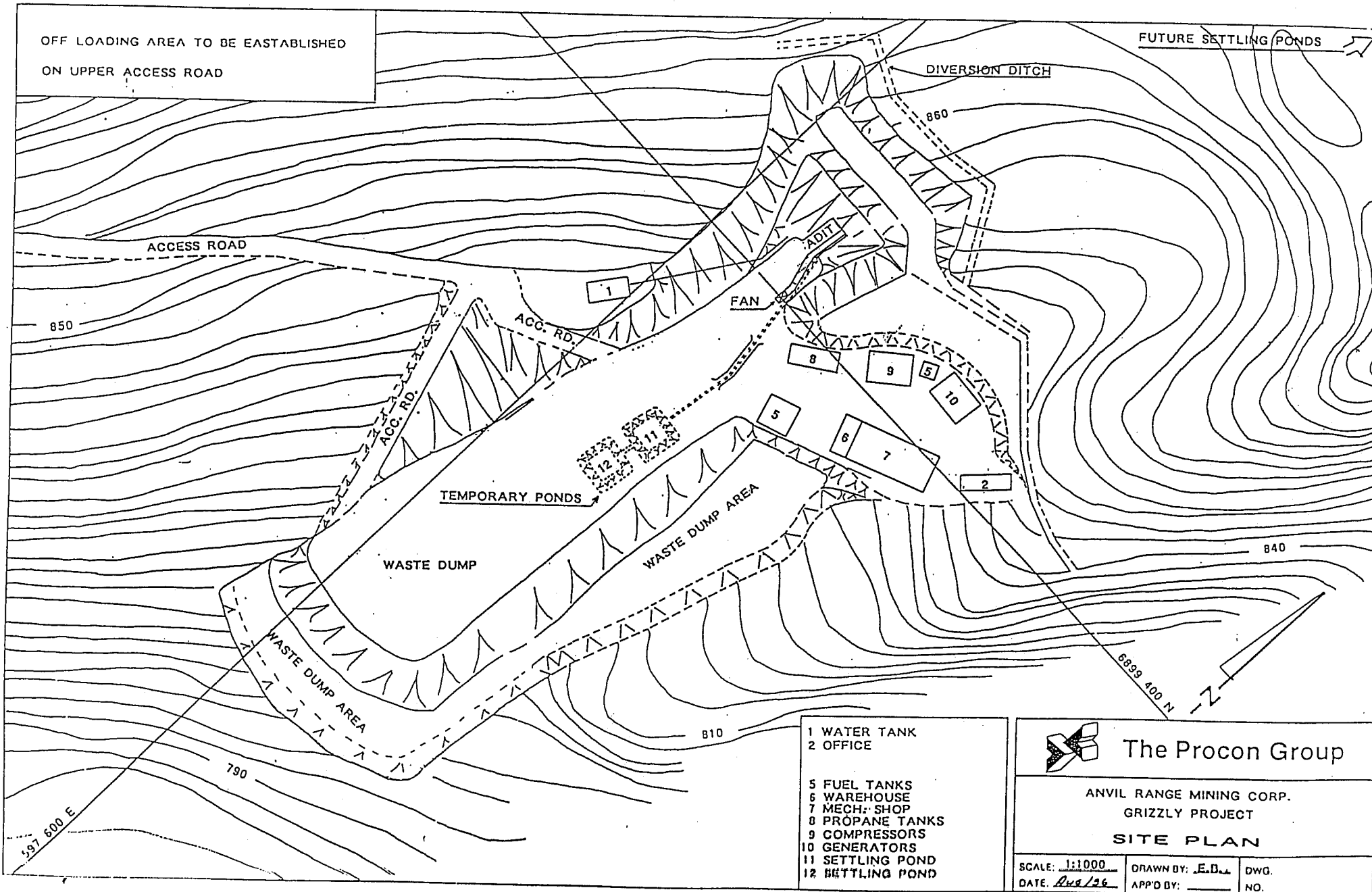
AREA 11.3 SQ.M

SCALE: 1:40
DATE: July 31/96

DRAWN BY: E.B.
APP'D BY:

DWG NO: AR-GR-8

NOTE: PLAN REDUCED TO 64%



OFF LOADING AREA TO BE ESTABLISHED
ON UPPER ACCESS ROAD

FUTURE SETTLING PONDS

DIVERSION DITCH

ACCESS ROAD

850

ACC. RD.

FAN

8

9

5

10

TEMPORARY PONDS

5

6

7

2

WASTE DUMP

WASTE DUMP AREA

840

WASTE DUMP AREA

810

6899 100 N

790

597 600 E

- 1 WATER TANK
- 2 OFFICE

- 5 FUEL TANKS
- 6 WAREHOUSE
- 7 MECH. SHOP
- 8 PROPANE TANKS
- 9 COMPRESSORS
- 10 GENERATORS
- 11 SETTLING POND
- 12 BETTLING POND



The Procon Group

ANVIL RANGE MINING CORP.
GRIZZLY PROJECT

SITE PLAN

SCALE: 1:1000
DATE: Aug/96

DRAWN BY: J.E.B.
APP'D BY:

DWG. NO.

1.5

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

1.5 SUMMARY - GROUND SUPPORT QUANTITIES

MAIN RAMP		NO DELAY	DELAY	DELAY	DELAY	DELAY	DELAY	DELAY	DELAY	DELAY	DELAY
DIST. FROM COLLAR	GROUND SUPPORT	REBAR	REBAR	STRAPS	SCREEN/MESH	SHOTCRETE 50 MM	SHOTCRETE 25 MM				
0 - 200	Bolt, Strap, Mesh Shotcrete		1,000 12.4%	107 19.1%	1,580 m ² 38.1%	62.8 m ³ 33.2%	7.0 m ³ 5.0%				
200 - 300	Bolt	500 6.2%									
300 - 910	Bolt, Strap, Shotcrete and Screen as req'd		3,050 37.9%	214 38.1%	980 m ² 23.7%	54.1 m ³ 28.6%	53.8 m ³ 38.1%				
910 - 960	Bolt	250 3.1%									
960 - 1280	Bolt, Strap, Shotcrete and Screen as req'd		1,600 19.9%	120 21.4%	790 m ² 19.1%	36.0 m ³ 19.1%	40.4 m ³ 28.7%				
1280 - 1340	Bolt	300 3.7%									
1340 - 1610	Bolt, Strap, Shotcrete and Screen as req'd		1,350 16.8%	120 21.4%	790 m ² 19.1%	36.1 m ³ 19.1%	39.8 m ³ 28.2%				
TOTAL		1,050 13%	7,000 87%	561 100%	4,140 m ² 100%	189 m ³ 100%	141 m ³ 100%				

1.5 SUMMARY - GROUND SUPPORT QUANTITIES (Cont'd)

H.W. EXPL.DRIFT		NO DELAY	NO DELAY	DELAY	NO DELAY	DELAY		
DIST. FROM COLLAR	GROUND SUPPORT	REBAR	SPLIT SETS	SPLIT SETS	STRAPS	STRAPS		
0 - 300	Bolt and Strap			1,290	63%	642	63%	
300 - 470	Bolt and Strap		731	37%		364	37%	
TOTAL			731	37%	1,290	63%	642	63%

F.W. ACCESS		NO DELAY	DELAY	NO DELAY	DELAY	DELAY	DELAY				
DIST. FROM COLLAR	GROUND SUPPORT	SPLIT SETS	SPLIT SETS	STRAPS	STRAPS	SHOTCRETE 50 MM	SHOTCRETE 25 MM				
0 - 200	Bolt, Strap, Shotcrete as required		860	41.1%		257	32.9%	11.8 m ³	32.8%	27 m ³	100.0%
200 - 350	Bolt and Strap	645	30.9%		321	41.1%					
350 - 440	Bolt, Strap, Shotcrete as required		387	18.5%		105	13.5%	24.2 m ³	67.2%		
440 - 485	Bolt and Strap	198	9.5%		98	12.5%					
TOTAL		843	40.4%	1,247	59.6%	419	53.6%	36 m ³	100.0%	27 m ³	100.0%

1.5 SUMMARY - GROUND SUPPORT QUANTITIES (Cont'd)

ORE ACCESS DRIFT		NO DELAY	NO DELAY	DELAY	NO DELAY	DELAY				
DIST. FROM COLLAR	GROUND SUPPORT	REBAR	SPLIT SETS	SPLIT SETS	STRAPS	STRAPS				
0 - 90	Bolt and Strap		287	44.5%	100	15.5%	142	44.2%	51	15.9%
90 - 150	Bolt and Strap		258	40.0%			128	39.9%		
TOTAL			545	84.5%	100	15.5%	270	84.1%	51	15.9

F.W. EXPL. DRIFT		NO DELAY	DELAY	NO DELAY	DELAY	DELAY	DELAY				
DIST. FROM COLLAR	GROUND SUPPORT	SPLIT SETS	SPLIT SETS	STRAPS	STRAPS	SHOTCRETE 50 MM	SHOTCRETE 25 MM				
0 - 50	Bolt and Strap	215	12.0%		107	16.0%					
50 - 150	Bolt, Strap, Shotcrete as required	430	24.0%		171	25.5%	11.1 m ³ 38.3%				
150 - 417	Bolt, Strap, Shotcrete as required			1,148	64.0%	392	58.5%	17.9 m ³ 61.7%	21 m ³ 100.0%		
TOTAL		645	36.0%	1,148	64.0%	278	41.5%	392	58.5%	29 m ³ 100.0%	21 m ³ 100.0%

2.0 OPTION II

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

2.1 DESCRIPTION OF WORK AND METHODOLOGY • OPTION II

Option II consists of driving a 4.25m high x 3.8m wide fully arched access decline (refer to sketch).

1. Labour and Work Schedule:

2 - 11 hour shifts per day, 7 days a week

Crew Size:

	<u>Dayshift</u>	<u>Nightshift</u>
Project Superintendent	1	
Night Captain		1
Surveyor	1	
Labourer/Expeditor	1	
Surface Equipment Operator	1	
Lead Mechanic	1	
Mechanic	2	2
Electrician	1	
Development Miners	<u>3 - 5</u>	<u>3 - 5</u>
Total	11-13	6 - 8
Average 17 to 21 Men		

2. Equipment:

Main Ramp:

Drilling - 2 boom electric/hydraulic jumbo
Muck Face & Load Trucks - 3½ cu.yard scooptrams
Haul Muck to Surface - JDT 415 - 15 ton trucks

Exploration Headings:

Drilling - 2 boom electric/hydraulic jumbo
Muck Back to Decline Remuck - 3½ cu.yard scooptrams

F/W Access Drift:

15 ton truck will access a remuck station near the start of the F/W exploration heading

3. Services:

Main Ramp:

- 6" air line, 4" discharge line, 2" water line
- 12 gauge firing line for initiating blast
- 48" dia. steel ventilation duct and 4 - 100 hp electric fans at 1500' intervals delivering 60,000 cfm of fresh air to the workings
- wall sumps will be established at 800' intervals with 13 hp Flygt pumps for handling water to surface while driving - air operated face pump will pump back to nearest wall sump as face advances
- 4160 volt electrical system will be carried down the main ramp with transformers and substations established as required

Exploration Headings:

- ventilation will be by 36" bag line in the exploration headings and 48" bag line in the footwall access drift
- other services will be similar to the main ramp with the exception that the compressed air line will be reduced to 4" dia. in the two exploration drives

4. Surface Support Plant:

- layout will be as per sketch provided
- shop will be 40' x 60' foldaway, fully equipped
- compressors - 3 - 800 cfm Gardner Denver diesel units to allow spare for backup and shotcreting
- generators - 2 - 545 kw Cat diesel units c/w synchronizing gear to allow parallel operation
- 5 million BTU/HR propane fueled direct fired mine air heater will heat the downcast air in winter as required
- Cat D5H dozer for road maintenance and pushing dump
- Cat 966 front end loader with forks for loading / offloading and general surface servicing
- boom truck c/w tank for servicing and hauling water
- 20 ton tandem rock truck for hauling waste as required to pit
- vaporizers and tanner gas delivery system will be in place for cold weather operation of propane and compressed air systems

5. Benefits of Option II:

- smaller access ramp will require less ground support and therefore cost less initially to drive
- large production equipment can still be moved up or down as required once production is started, without dismantling
- a conveyor could be hung in the back by excavating the arch 0.5 metres higher without increasing the width and still maintaining access for larger production gear

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

2.2 SUMMARY OF TARGET PRICES • OPTION II

1. Mob / Demob & Setup	\$ 628,900
2. Main Access Ramp	
(i) Excavation	3,331,647
(ii) Ground Support	962,048
3. Exploration Development	
(i) H/W Exploration Drift	866,866
(ii) F/W Access Drift	988,443
(iii) Ore Access Drift	276,458
(iv) F/W Exploration Drift	845,545
(v) Ground Support	557,044
4. Support Items	4,888,000
5. Diamond Drilling	<u>607,500</u>
Total Estimated Target Price	\$13,952,451
Fee for Profit	<u>904,326</u>
Total Price	<u>\$14,856,777</u>

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

2.2 TARGET PRICES • OPTION II

<i>ITEM</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>TARGET PRICE</i>	<i>TOTAL</i>
1. Mob / Demob & Setup				
Mobilization	1	Lump Sum	\$ 208,700.00	\$ 208,700
Setup & Establish Services	1	Lump Sum	266,900.00	266,900
Establish Portal	1 (10 metres)	Lump Sum	43,300.00	43,300
Demobilize	1	Lump Sum	110,000.00	110,000
			Sub Total 1	\$ 628,900
2(i) Main Access Ramp				
Decline 4.25x3.8m @ -18%	1,600	Lin.Metre	\$ 1,863.00	\$ 2,980,800
Explosives Magazines (2)	90	Cu.Metre	106.00	9,540
Transformer Stations (3)	135	Cu.Metre	110.00	14,850
Remuck Bays (10)	1,060	Cu.Metre	110.00	116,600
Truck Turnarounds (6)	621	Cu.Metre	110.00	68,310
Sumps (7)	1,041	Cu.Metre	112.00	116,592
Safety Stations (35)	35	Each	713.00	24,955
			Sub Total 2(i)	\$ 3,331,647

2.2 TARGET PRICES • OPTION II (Cont'd)

<i>ITEM</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>TARGET PRICE</i>	<i>TOTAL</i>
2(ii) Ramp Ground Support				
No Delay to Heading				
2.1m Resin grouted rebar	1,548	Each	\$ 76.00	\$ 117,648
Straps	321	Each	20.50	6,580
Screen	--	Sq.Metre	16.50	--
Heading Delay				
2.1m Resin grouted rebar	5,332	Each	93.80	500,142
Straps	2,029	Each	29.60	60,058
Screen	2,059	Sq.Metre	23.80	49,004
Other				
Shotcrete (thru the pot)	164	Cu.Metre	1,394.00	228,616
			Sub Total 2(ii)	\$ 962,048
3. Exploration Development				
(i) H/W Exploration Drift				
	470	Lin.Metre	\$ 1,671.00	\$ 785,370
Remuck Bays (2)	212	Cu.Metre	138.00	29,256
Sumps (1)	81	Cu.Metre	138.00	11,178
Safety Bays (7)	7	Each	790.00	5,530
Diamond Drill Cutouts (7)	252	Cu.Metre	141.00	35,532
			Sub Total 3(i)	\$ 866,866
(ii) F/W Access Drift				
	485	Lin.Metre	\$ 1,809.00	\$ 877,365
Sumps (2)	162	Cu.Metre	113.00	18,306
Remuck Bays (3)	318	Cu.Metre	115.00	36,570
Truck Turnarounds (3)	311	Cu.Metre	118.00	36,698
Safety Bays (8)	8	Each	764.00	6,112
Diamond Drill Cutouts (3)	108	Cu.Metre	124.00	13,392
			Sub Total 3(ii)	\$ 988,443

2.2 TARGET PRICES • OPTION II (Cont'd)

<i>ITEM</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>TARGET PRICE</i>	<i>TOTAL</i>
(iii) Ore Access Drift	152	Lin.Metre	\$ 1,709.00	\$ 259,768
Remuck Bays (1)	106	Cu.Metre	150.00	15,900
Safety Bays (1)	1	Each	790.00	790
			Sub Total 3(iii)	\$ 276,458
(iv) F/W Exploration Drift	417	Lin.Metre	\$ 1,824.00	\$ 760,608
Remuck Bays (2)	212	Cu.Metre	156.00	33,072
Sumps (1)	81	Cu.Metre	163.00	13,203
Safety Bays (7)	7	Each	802.00	5,614
Diamond Drill Cutouts (6)	216	Cu.Metre	153.00	33,048
			Sub Total 3(iv)	\$ 845,545
(v) Ground Support				
No Delay to Heading				
1.8m Splitset bolts	2,764	Each	\$ 42.35	\$ 117,055
Straps	1,331	Each	23.00	30,613
Screen	--	Sq.Metre	16.50	--
Heading Delayed				
1.8m Splitset bolts	3,785	Each	52.45	198,523
Straps	1,447	Each	29.75	43,048
Screen	--	Sq.Metre	25.10	--
Other				
Shotcrete (thru the pot)	113	Cu.Metre	1,485.00	167,805
			Sub Total 3(v)	\$ 557,044

2.2 TARGET PRICES • OPTION II (Cont'd)

<i>ITEM</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>TARGET PRICE</i>	<i>TOTAL</i>
4. Support Items				
Muck Disposal - surface	16	Months	\$ 21,400.00	\$ 342,400
Servicing & Road Maintenance	16	Months	18,600.00	297,600
Indirect Labour and Support Plant	480	Days	8,850.00	4,248,000
			Sub Total 4	\$ 4,888,000
5. Diamond Drilling				
Drilling BQTK Core	13,000	Metre	\$ 45.90	\$ 596,700
Mob / Demob	1	Each	10,800.00	10,800
			Sub Total 5	\$ 607,500
Total Estimated Target Price				\$ 13,952,451
Fee for Profit				904,326
Total Price				\$ 14,856,777

<i>ITEM</i>	<i>UNIT</i>	<i>TARGET PRICE</i>
Miscellaneous Prices (if required)		
Supply & Install Portal Culvert	Lin.Metre	\$ 3,000.00
Extra Explosives Cost (if anfo cannot be used)	Lin.Metre	105.00
Miscellaneous Slashing	Cu.Metre	85% of applicable heading equivalent
Extra Shotcrete Cost (if fiber required)	Cu.Metre	60.00

Note: Target Prices all include 8% General and Administrative Cost (G & A)
G.S.T. is extra and added to each invoice as applicable

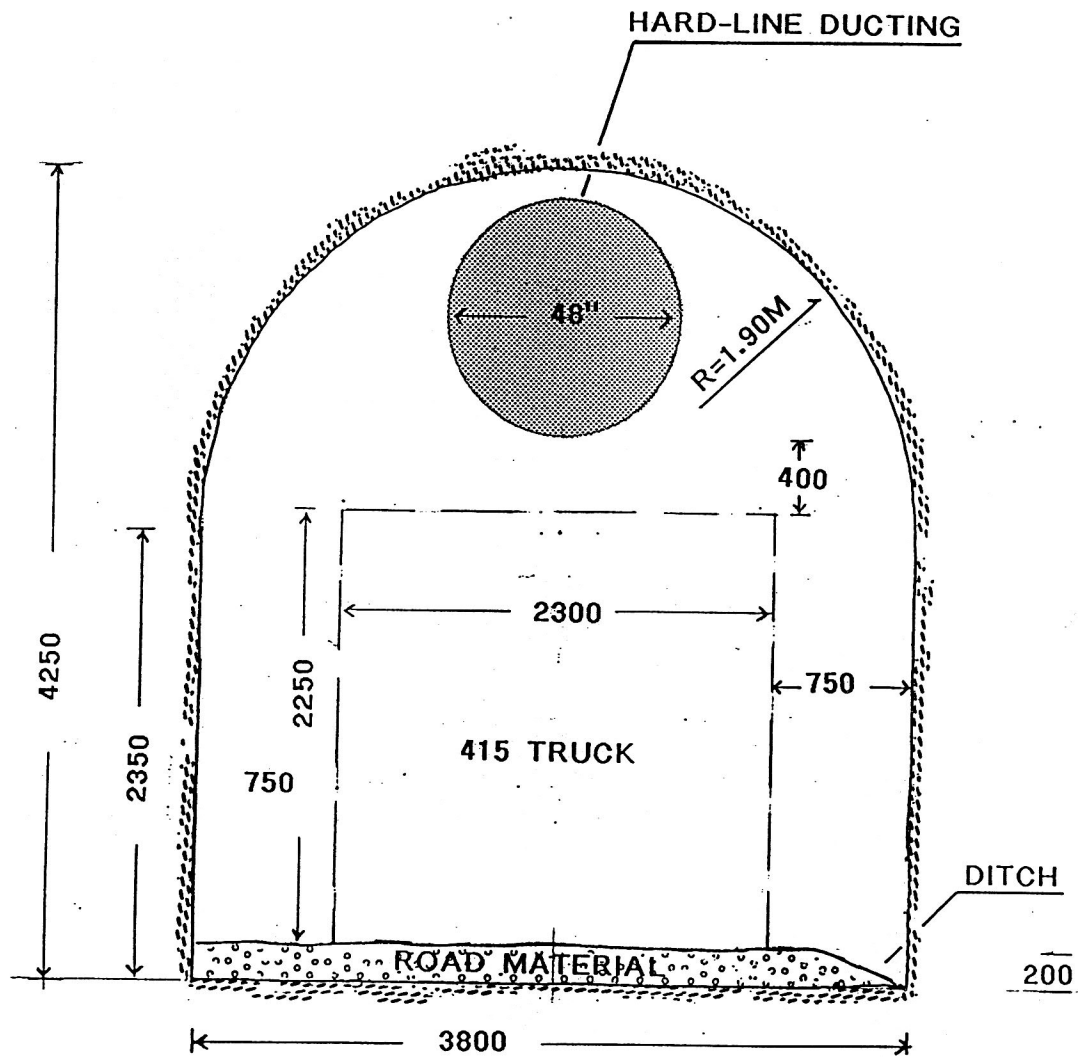


FIGURE 2.4A



The Procon Group

ANVIL RANGE MINING CORP.
DY PROJECT
TYPICAL DECLINE X-SECTION

AREA 14.59 SQ.M.

SCALE: 1:40
DATE: July 31/96

DRAWN BY: E.B.
APP'D BY: _____

DWG. NO: AR-GR-6

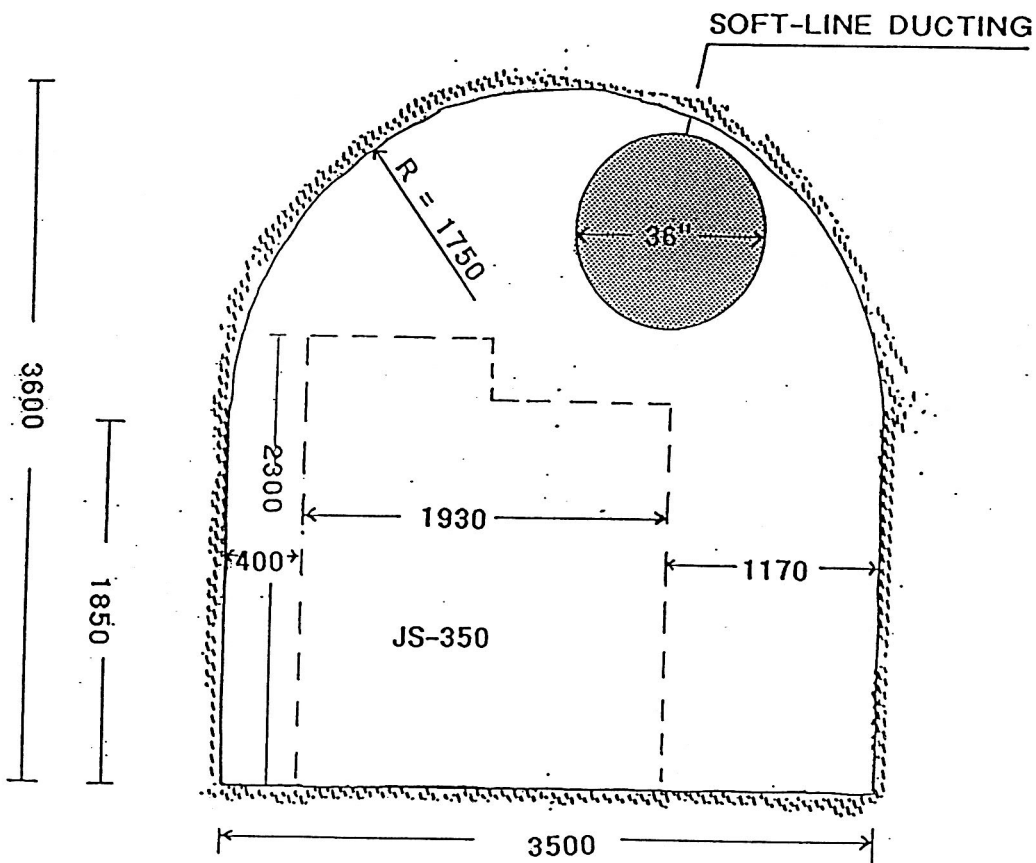


FIGURE 2.4B



The Procon Group

ANVIL RANGE MINING CORP.
 DY PROJECT
 TYPICAL EXPL. DRIFT X-SECTION

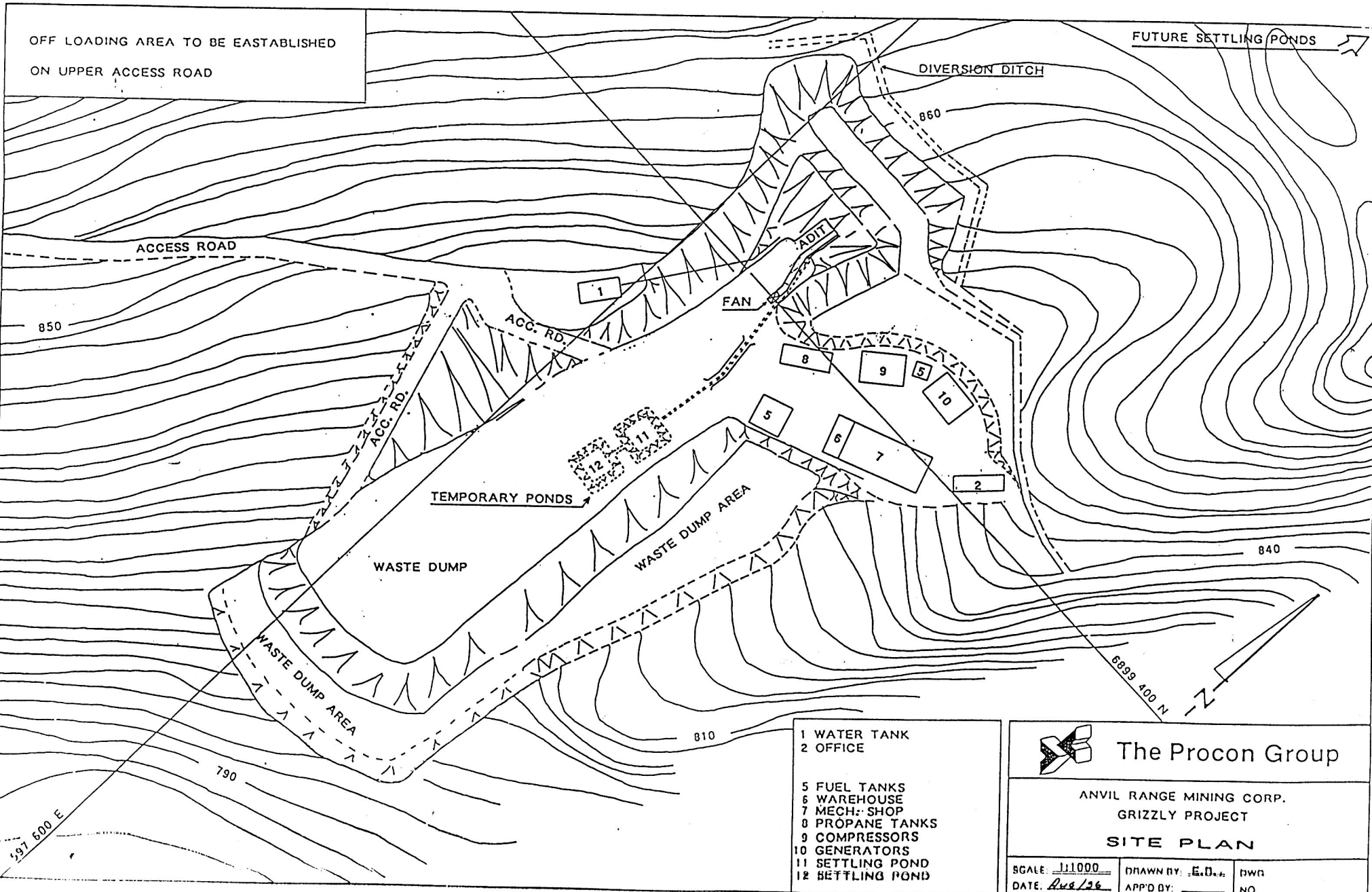
SCALE: $1:40$

DRAWN BY: *E.B.*

DWG AR-GR-R

AREA 11.3 SQ.M

NOTE: PLAN REDUCED TO 64%



OFF LOADING AREA TO BE ESTABLISHED
ON UPPER ACCESS ROAD

FUTURE SETTLING PONDS

DIVERSION DITCH

ACCESS ROAD

850

860

ACC. RD.

FAN

8

9

5

10

TEMPORARY PONDS

5

6

7

2

WASTE DUMP

WASTE DUMP AREA

840

WASTE DUMP AREA

810

6899 400 N

790

597 600 E

- 1 WATER TANK
- 2 OFFICE

- 5 FUEL TANKS
- 6 WAREHOUSE
- 7 MECH. SHOP
- 8 PROPANE TANKS
- 9 COMPRESSORS
- 10 GENERATORS
- 11 SETTLING POND
- 12 SETTLING POND



The Procon Group

ANVIL RANGE MINING CORP.
GRIZZLY PROJECT

SITE PLAN

SCALE: 1/1000
DATE: Aug 126

DRAWN BY: E.D.L. DWN
APP'D BY: _____ NO.

2.5

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

2.5 SUMMARY - GROUND SUPPORT QUANTITIES

MAIN RAMP		NO DELAY	DELAY	NO DELAY	DELAY	NO DELAY	DELAY	NO DELAY	DELAY	NO DELAY	DELAY	NO DELAY	DELAY
DIST. FROM COLLAR	GROUND SUPPORT	REBAR	REBAR	STRAPS	STRAPS	SCREEN/ MESH	SHOTCRETE 50 MM	SHOTCRETE 25 MM					
0 - 200	Bolt, Strap, Mesh, Shotcrete		860 12.5%		86 3.7%	1,056m ² 51.3%	48.2m ³ 51.3%	35.9m ³ 51.3%					
200 - 300	Bolt	430 6.3%											
300 - 910	Bolt, Strap, Shotcrete and Screen as req'd	430 6.3%	2,150 31.3%	214 9.1%	937 39.9%	475m ² 23.1%	24.1m ³ 25.6%	14.4m ³ 20.6%					
910 - 960	Bolt	215 3.0%											
960 - 1280	Bolt, Strap, Shotcrete and Screen as req'd	86 1.2%	1,290 18.8%	43 1.8%	556 23.6%	264m ² 12.8%	12.0m ³ 12.7%	9.0m ³ 12.9%					
1280 - 1340	Bolt	258 3.7%											
1340 - 1610	Bolt, Strap, Shotcrete and Screen as req'd	129 1.9%	1,032 15.0%	64 2.7%	450 19.2%	264m ² 12.8%	9.7m ³ 10.4%	10.7m ³ 15.2%					
TOTAL		1,548 22.4%	5,332 77.6%	321 13.6%	2,029 86.4%	2,059m ² 100%	94m ³ 100%	70m ³ 100%					

2.5 SUMMARY - GROUND SUPPORT QUANTITIES (Cont'd)

H.W. EXPL.DRIFT		NO DELAY	NO DELAY	DELAY	NO DELAY	DELAY				
DIST. FROM COLLAR	GROUND SUPPORT	REBAR	SPLIT SETS	SPLIT SETS	STRAPS	STRAPS				
0 - 300	Bolt and Strap			1,290	63%	642	63%			
300 - 470	Bolt and Strap		731	37%		364	37%			
TOTAL			731	37%	1,290	63%	364	37%	642	63%

F.W. ACCESS		NO DELAY	DELAY	NO DELAY	DELAY	DELAY	DELAY						
DIST. FROM COLLAR	GROUND SUPPORT	SPLIT SETS	SPLIT SETS	STRAPS	STRAPS	SHOTCRETE 50 MM	SHOTCRETE 25 MM						
0 - 200	Bolt, Strap, Shotcrete as required		860	41.1%		257	32.9%	11.8 m ³	32.8%	27 m ³	100.0%		
200 - 350	Bolt and Strap	645	30.9%		321	41.1%							
350 - 440	Bolt, Strap, Shotcrete as required		387	18.5%		105	13.5%	24.2 m ³	67.2%				
440 - 485	Bolt and Strap	198	9.5%		98	12.5%							
TOTAL		843	40.4%	1,247	59.6%	419	53.6%	362	46.4%	36 m ³	100.0%	27 m ³	100.0%

2.5 SUMMARY - GROUND SUPPORT QUANTITIES (Cont'd)

ORE ACCESS DRIFT		NO DELAY	NO DELAY	DELAY	NO DELAY	DELAY				
DIST. FROM COLLAR	GROUND SUPPORT	REBAR	SPLIT SETS	SPLIT SETS	STRAPS	STRAPS				
0 - 90	Bolt and Strap		287	44.5%	100	15.5%	142	44.2%	51	15.9%
90 - 150	Bolt and Strap		258	40.0%			128	39.9%		
TOTAL			545	84.5%	100	15.5%	270	84.1%	51	15.9

F.W. EXPL. DRIFT		NO DELAY	DELAY	NO DELAY	DELAY	DELAY	DELAY				
DIST. FROM COLLAR	GROUND SUPPORT	SPLIT SETS	SPLIT SETS	STRAPS	STRAPS	SHOTCRETE 50 MM	SHOTCRETE 25 MM				
0 - 50	Bolt and Strap	215	12.0%		107	16.0%					
50 - 150	Bolt, Strap, Shotcrete as required	430	24.0%		171	25.5%	11.1 m ³ 38.3%				
150 - 417	Bolt, Strap, Shotcrete as required			1,148	64.0%	392	58.5%	17.9 m ³ 61.7%	21 m ³ 100.0%		
TOTAL		645	36.0%	1,148	64.0%	278	41.5%	392	58.5%	29 m ³ 100.0%	21 m ³ 100.0%

3.0 GENERAL

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

3.1 EXTRA WORK ORDER RATES FOR TARGET ADJUSTMENT

Applicable to:

- “Extra Work” requested by the Owner which is outside the Scope of Contract and for which unit prices or lump sum prices, are not established;
- delays due to ground conditions which cannot be controlled by normal scaling and rockbolting procedures;
- delays and/or extra costs due to inflows of water;
- grouting if required;
- delays due to causes beyond the Contractor's control;
- extra costs due to changes in governmental regulations or requirements.

1. LABOUR:

CLASSIFICATION	Rate Per Hour
Project Superintendent	\$ 43.40
Night Captain	41.80
Lead Mechanic	39.45
Mechanic	37.90
Electrician	37.90
Surveyor	29.95
Labourer/Expeditor	28.40
Development Miner	40.40
Surface Equipment Operator	31.55

Above rates are all inclusive of base earnings, bonus allowance and payroll burdens.

EXTRA WORK ORDER RATES FOR TARGET ADJUSTMENT (Cont'd)

2. EQUIPMENT -- SURFACE and UNDERGROUND PLANT:
(Excludes Operator)

EQUIPMENT DESCRIPTION	OPERATING RATE PER HOUR
Compressor, 800 CFM Diesel	\$ 22.30
Generator, 545 KW	63.95
40 Ton Underground Truck	109.60
15 Ton Underground Truck	47.00
Scooptram, 8 Cu. Yd.	137.50
Scooptram, 3½ Cu. Yd.	81.40
Steam Cleaner	1.35
Electric Welder	1.25
60 HP Electric Fan	2.30
100 HP Electric Fan	3.00
150 HP Electric Fan	3.85
Pump, 13 HP Flygt	3.85
Pump, 30 HP Flygt	5.10
Pump, Water Supply	1.25
Pump, Wilden M-15 Face	2.20
Jackleg/Stoper	0.50+0.15/Ft.Drilled
2 Boom Electric/Hydraulic Jumbo	89.95+0.23/Ft.Drilled
Underground Grader	36.55
Bit Grinder	2.40
Scissor Lift	29.05
Anfo Loader (pot)	2.20
Electric Switchgear and Equipment	12.55
Shop Tools & Equipment	4.65
Underground Boom Truck	29.30
Toyota Underground Jeep	18.30
Crewcab	12.40
Crew Bus	12.40
Survey Equipment	1.35
First Aid and Safety Equipment	7.10
Dry Mix Shotcrete Pump	35.45
Foldaway Shop Building	6.80
Warehouse/Parts Van	1.95
Office Trailer	1.20
Office Equipment	0.90
8 million BTU/HR Mine Air Heater	50.20
5 million BTU/HR Mine Air Heater	31.25

EXTRA WORK ORDER RATES FOR TARGET ADJUSTMENT (Cont'd)

EQUIPMENT DESCRIPTION	OPERATING RATE PER HOUR
Cat 966 Front End Loader	\$ 26.65
Cat D5H Dozer	46.35
Boom Truck c/w tank	20.75
20 Ton Tandem Truck	34.05
Vent Pipe Rolling Machine	26.10

3. SUPPLIES:

Explosives and Accessories		
▪ Jumbo	Per Foot Loaded	\$ 1.75
▪ Jackleg/Stoper	Per Foot Loaded	1.50
Steel and Bits:		
▪ 1 3/4 inch Jumbo	Per Foot Drilled	0.45
▪ 1 3/8 inch Jackleg/Stoper	Per Foot Drilled	0.40
Hose and Fittings	Per Foot Drilled	0.05
Mine Lamps and Charger	Per Manday	3.00
Small Tools and Miscellaneous		<i>5% of Labour Cost</i>
Shop Consumables	Per Hour	12.50
Office and Stationery	Per Hour	1.50
Survey Supplies	Per Hour	1.50
Other Materials and Supplies		<i>@Suppliers' Invoice Cost (Landed)</i>

EXTRA WORK ORDER RATES FOR TARGET ADJUSTMENT (Cont'd)

4. OTHER COSTS:

Freight	Per Hour	\$ 10.00
Communications	Per Hour	2.50
Crew Fares and Travel	Per Man Hour	2.75
Safety Apparel	Per Man Hour	0.50
Insurance	Per Hour	6.70

*To above total of Items 1 to 4 add:
8% General and Administrative Expense (G & A)
7% Fee for Profit*

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

**3.2 MATERIALS, EQUIPMENT AND SERVICES PROVIDED
BY OWNER OR OTHERS**

- All necessary land use permits, licenses and other requirements pertaining to the work as normally provided by the Owner, and as may be required by the Territorial or Federal Governments, notwithstanding permits required to be furnished by the Contractor for use of his own equipment.
- Portal trench and square face to start portal;
- Yard space and laydown area near portal - leveled and graded;
- Geological control and sampling;
- Engineering and layouts;
- Underground roadway material delivered to portal area;
- Camp and catering facilities in Faro;
- Dry/changehouse facilities in camp;
- Timely supply of pertinent information, directions, etc., that may be required to expedite the work.
- A representative with the authority to make decisions and authorize the work performed by the Contractor, as well as approve the semi-monthly invoices submitted by the Contractor for payment.

3.3

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

**3.3 MATERIALS, EQUIPMENT AND SERVICES PROVIDED BY
PROCON MINING AND TUNNELLING LTD.**

- Competent labour, and supervision covered by applicable insurances, in sufficient numbers to enable speedy and efficient completion of the project.
- A surface and underground plant and equipment including spare parts, maintenance, and fuel, consisting of:

OPTION I

- 2 — 3½ cu. yard Scooptrams
- 2 — 8 cu. yard Scooptrams
- 3 — 40 Ton Toro Trucks (Toro 35D)
- 4 — 150 hp Electric Fans (Main Ramp)
- 1 — 8 million BTU Mine Air Heater

OPTION II

- 4 — 3½ cu. yard Scooptrams
- 5 — 15 Ton Trucks (JDT 415)
- 4 — 100 hp Electric Fans (Main Ramp)
- 1 — 5 million BTU Mine Air Heater

COMMON TO BOTH OPTIONS

- 1 — 2 Boom Electric/Hydraulic Drill Jumbo
- 2 — 545 kw Generators c/w synchronizing gear
- 3 — 800 cfm Diesel Compressors
- 3 — 60 hp Electric Fans (Exploration Development)
- 3 — 30 hp Flygt Pumps
- 8 — 13 hp Flygt Pumps
- 1 — Electric Water Supply Pump
- 4 — Wilden M-15 Face Pumps
- 6 — Jacklegs

PROCON TO PROVIDE (cont.)

- 6 — Stoppers
- 1 Lot — First Aid Equipment
- 1 Lot — Shop Tools and Equipment
- 1 Set — Vent and Gas Testing Equipment
- 1 — Foldaway Shop Building, equipped for the job, including Spare Parts Trailer
- 1 — Office Trailer
- 30 — Lamps, Charger
- 1 — Bit Grinder
- 1 — Steam Cleaner
- 1 — Welder, Electric
- 1 — Anfo Loader, Pot
- 1 — 4 x 4 Crewcab
- 1 — Crew Van
- 1 — Underground Boom Truck
- 2 — Underground Jeeps (Toyota)
- 1 — Water Holding Tank
- 1 — 5,000 gal. Fuel Tank
- 1 — Steel Vent Duct Rolling Machine
- 1 — Dry Mix Shotcrete Plant and Accessories
- 1 Lot — Fire Fighting Equipment (on mobile equipment)
- 1 Lot — Electrics - switchgear, substations and cable for 4160 volt system
- 1 Lot — Survey Equipment
- 1 — Cat 966 Front End Loader c/w forks
- 1 — Cat D5H Dozer
- 1 — Boom Truck c/w water tank
- 1 — 20 Ton Tandem Rock Truck

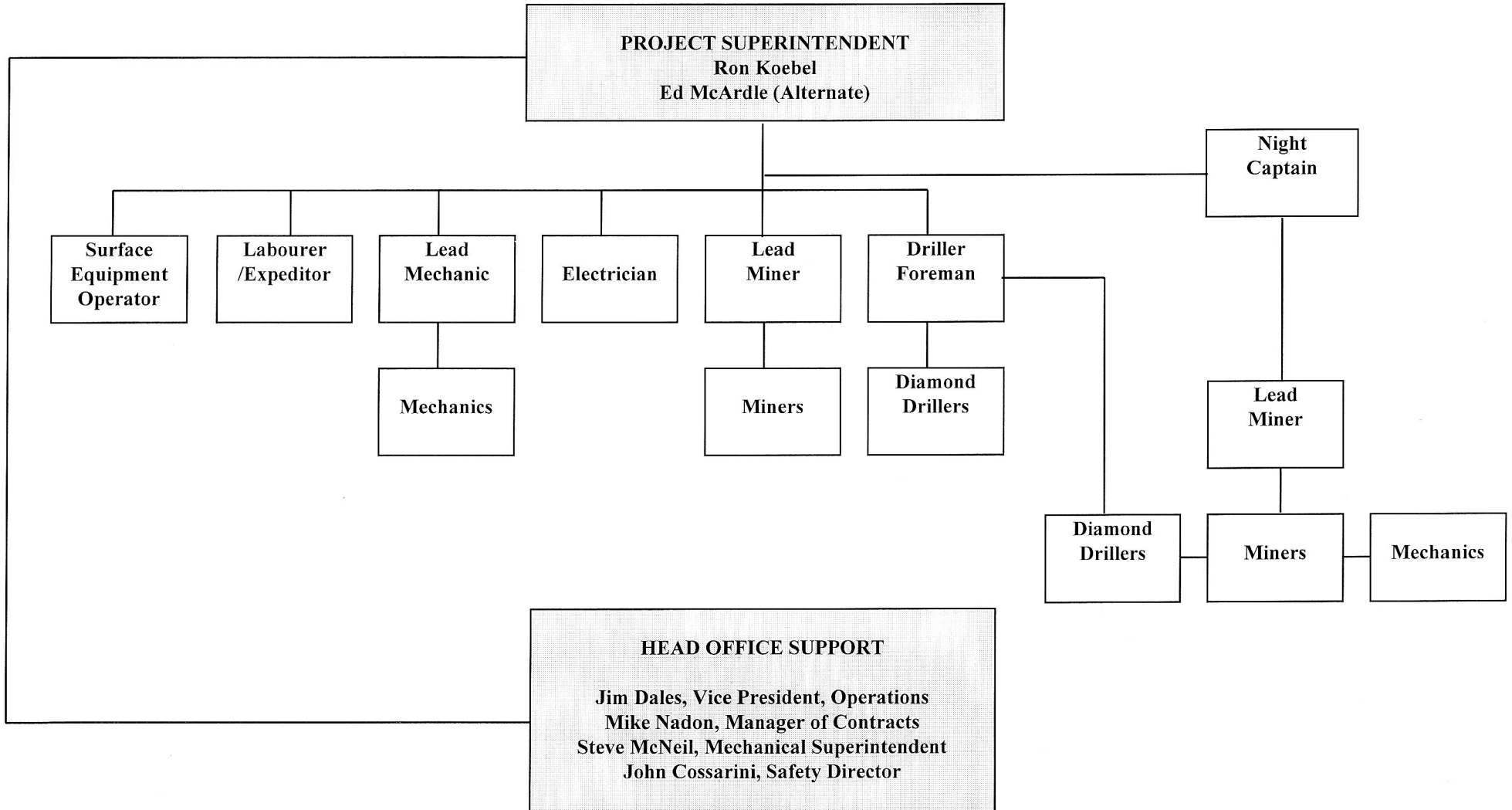
PROCON TO PROVIDE (cont.)

- Major materials and supply items to consist of:
 - Drill Steel and Bits
 - Small Tools and Supplies (ST&S)
 - Explosives and Accessories
 - Diesel Fuel, Lubricants and Propane
 - Air and Water Pipe and Accessories
 - Office and Stationery Supplies
 - Vent Ducting and Accessories
 - Electric Cable
 - Hose and Fittings
 - Small Tools, Scaling Bars
 - Loading Sticks, Anfo Hose
 - Shop Consumables and Supplies
 - Ground Support Items including Rockbolts, Straps, Mesh, and Shotcrete
 - Safety Equipment, Gear and Supplies
 - Survey Equipment and Supplies

- Diesel permits as required by the Mines Department.
- Workings in a clean condition.
- Access to the work by the Owner's representatives at times mutually agreeable.
- Freight on materials and supplies for contract work.
- Maintain the required insurance.
- Transportation of crews and supplies.
- Crew fares and travel.
- Semi-monthly invoices for the periods ending the 15th and end of each month.
- Undertake and carry out all work in a safe, workmanlike fashion with minimum delay, to the satisfaction of the Owner, and in accordance with the Yukon Mining Regulations and all other applicable legislation.

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

3.4 PROJECT ORGANIZATIONAL CHART
(Resumes Attached)



RONALD H. KOEBEL

DATE OF BIRTH: February 10, 1946

MARITAL STATUS: Married

LANGUAGES: English

EDUCATION: Graduated with Senior Matriculation,
Merritt, British Columbia - 1964

EXPERIENCE: **PROCON MINING AND TUNNELLING LTD.**

OCTOBER 1993 - PRESENT PROJECT SUPERINTENDENT

TONTO MINING, *Division of Dynatec International Limited*

AUGUST 1990 ASSISTANT PROJECT SUPERINTENDENT

Supervised the excavation of penstock access and manifold tunnels in addition to powerhouse and transformer chamber excavation. This unique project, for Alcan Aluminum at Kemano, British Columbia includes the excavation for four additional turbines adjacent to the existing eight operating turbines. Controlled blasting with limited explosive quantity per detonator delay is paramount. Ground support consists of grouted tension bolts and shotcreting over the entire excavation. Reported to project superintendent.

MARCH - JULY 1990 PROJECT SUPERINTENDENT

Responsible for the start up of a trackless decline project in a remote area of northern British Columbia with only helicopter access. Work included site clearing, camp facility installation and establishment of a timbered portal. Reported to Operations Manager.

JULY 1989 - FEBRUARY 1990 ASSISTANT PROJECT SUPERINTENDENT

Supervised the excavation of an 840 metre 8 metre x 8 metre trackless tunnel to provide access to the future power tunnel at Horetzky Adit, Kemano, British Columbia for Alcan Aluminum. Ground support consisted of resin rockbolts, mesh and extensive shotcrete including fibre reinforced.

RONALD H. KOEBEL

DECEMBER 1987 – JUNE 1989

PROJECT SUPERINTENDENT

Responsible for adit, ramp, lateral development, alimak raising, stope preparation and stope mining at the Corona Nickel Plate Project, Penticton, British Columbia. Trackless equipment was used for the development and stoping. Some stopes were also mined with jacklegs and slushers. Reported to Operations Manager.

TONTO MINE DEVELOPMENT LTD.

OCTOBER – NOVEMBER 1987

PROJECT SUPERINTENDENT

Relief Superintendent for Geddes Resources, Windy Craggy Project in British Columbia. Driving a long Track Adit above glacier using a Conway mucker. Reported to Operations Manager.

FEBRUARY – SEPTEMBER 1987

PROJECT SUPERINTENDENT

Drive two declines plus lateral development at the United Keno Hill Mine, Elsa, Yukon Territory. Ground conditions required extensive timber support. Reported to Operations Manager.

CANADIAN MINE DEVELOPMENT LTD.

1986 – 1987

PROJECT MANAGER

Responsible for the Drill-Blast Program at the Clover Hill Potash Mine producing 40% of the mine production.

Oversaw the overall project which employed approximately 95 employees. This included trackless development, trackless production, mine construction and bin excavation. Reported to the Vice President of Mining.

**MANNING-KUMAGAI CONSTRUCTION, CP RAIL TUNNEL
REVELSTOKE, BRITISH COLUMBIA**

FEBRUARY – AUGUST 1986

TUNNEL WALKER/ASSISTANT SUPERINTENDENT

Responsible for the driving of the Shaughnessy Tunnel. Coordinated one walker, three shiftbosses, twenty-five miners, operators, mechanics and electricians.. Initial soft ground required a top heading with steel sets on needle beams with subsequent invert excavation and steel posts to support the needle beams. Grouted bolts and shotcrete preceeded final complete concrete tunnel lining which was constructed concurrent with tunnel excavation. Reported to the Tunnel Superintendent

DEVPRO MINE DEVELOPMENT

1984 - 1986

PARTNER AND DIRECTOR

Projects included extensive alimak raising for Westmin and highway bridge caisson excavation.

**ATKINSON COMMONWEALTH (ALRT PROJECT),
VANCOUVER, BRITISH COLUMBIA**

JANUARY - SEPTEMBER 1984

SHIFTBOSS

Supervised the excavation of the Granville and Burrard stations for the Vancouver Advance Light Rapid Transit System. Reported to the Tunnel Superintendent.

**ATKINSON COMMONWEALTH (BCR TABLE TUNNEL PROJECT),
SUKUNKA, BRITISH COLUMBIA**

1982 - 1983

TUNNEL WALKER

Responsible for safety and advance of the Table Mountain Railway Tunnel Project.

Coordinated two shiftbosses and twenty miners, operators, mechanics and electricians. Ground support consisted of pattern resin bolts, wire mesh, shotcrete, and steel sets in air blasting stress relief areas. Reported to the Tunnel Superintendent.

CANADIAN MINE SERVICES LTD.

1981 - 1982

SHIFTBOSS, SALMITA PROJECT

Supervised the driving of a decline and a lateral development program. Reported to the Project Superintendent.

JULY - NOVEMBER 1981

PROJECT SUPERINTENDENT, CANTUNG PROJECT

Responsible for the development of a trackless mining program as well as an extensive alimak raise program. Reported to the Area Manager.

1980 - 1981

ASSISTANT PROJECT SUPERINTENDENT, CANADA WIDE PROJECT

Responsible for the shaft sinking, alimak raising, conventional raising and lateral development work contract which employed approximately 55 men. Reported to the Project Superintendent.

RONALD H. KOEBEL

CANADIAN MINE SERVICES LTD. (Cont'd)

JULY - NOVEMBER 1980

SHIFTBOSS, SCOTTIE GOLD MINE PROJECT

Directed the excavation of an access tunnel and the construction of the powerhouse, compressor installation, mill, as well as an alimak raise program. Reported to the Project Superintendent.

APRIL - JUNE 1980

ASSISTANT PROJECT SUPERINTENDENT, LOGTUNG PROJECT

Coordinated the excavation of a decline for a bulk sampling project. Reported to the Project Superintendent

JANUARY - MAY 1980

SHIFTBOSS

Supervised the driving of a track drift through a stress zone for the purpose of diamond drilling. Reported to the Project Superintendent.

1964 - 1979

Employed at various mines in Canada and Ireland as a drift miner, raise miner, shaft miner, production miner, and first line supervisor.

ED MCARDLE

DATE OF BIRTH: October 26, 1942

MARITAL STATUS: Married (2 children)

LANGUAGES: English

EDUCATION: Three years - Secondary
Three years - Technical
One year - Agricultural College

EXPERIENCE:

1995 - PRESENT **PROCON MINING AND TUNNELLING LTD.**
PROJECT SUPERINTENDENT

Various mining contracts.

1987 - 1995 **TONTO MINING**
PROJECT SUPERINTENDENT

Dolly Varden Project.

Bellekeno Project - started as a Night Captain and latter portion of project was promoted to Project Superintendent.

1984 - 1986 **THYSSEN MINING CONSTRUCTION OF CANADA LTD.**
SHIFTBOSS

Responsible for underground mining at Cluff Lake, Saskatchewan.

1983 - 1985 **ATKINSON COMMONWEALTH, B.C. RAILWAY - WOLVERINE TUNNEL**
TUNNEL WALKER

Coordinated shiftbosses, miners, operators, electricians and mechanics during development, northeast coal project, in British Columbia.

1982 **NORANDA EXPLORATION CO. LTD.**
SHIFTBOSS

Employed as a shiftboss for production mining, which included longhole drilling, subdrifting and raise mining at the Boss Mountain Project, British Columbia.

1975 - 1981

CANADIAN MINE SERVICES LTD., Vancouver, British Columbia
SHIFTBOSS

Projects in Ireland, Scottie Gold Mines in Northern British Columbia, Cantung and Salmita projects, Northwest Territories.

NORANDA EXPLORATION CO. LTD.

1967 - 1974

Emigrated to Canada from Ireland and commenced mining career on the Boss Mountain Project, British Columbia.

JAMES A. DALES, P.Eng.

DATE OF BIRTH: February 13, 1949

MARITAL STATUS: Married

LANGUAGES: English

EDUCATION:

University of Alberta,
Bachelor of Science, Civil Engineering (1971)
Bachelor of Science, Mining Engineering (1972)

British Columbia Department of Mines,
Underground Shiftboss Certificate (1974)
Mine Rescue Certificate (1974)

PROFESSIONAL ASSOCIATIONS:

Member, Canadian Institute of Mining and Metallurgy
Member, The Order of Engineers of Quebec
Member, Association of Professional Engineers of British Columbia

EXPERIENCE:

1992 - Present

PROCON MINING AND TUNNELLING LTD.
VICE PRESIDENT, OPERATIONS

1981 - 1991

TONTO MINING
VICE PRESIDENT, OPERATIONS

1979 - 1981

LORAM INTERNATIONAL LTD. (AND MANNIX CO. LTD.)
PROJECT ENGINEER, GENERAL SUPERINTENDENT, PROJECT MANAGER

At the LG-4 site on the James Bay Project. Responsible initially for all engineering functions on this \$44 million contract consisting of the excavation and concrete placement for approximately 9,000 ft. of 28 ft. diameter combined tunnels and shafts as well as the associated intake structure.

In January of 1980 assumed the responsibilities of General Superintendent to direct all field personnel totalling up to 500 men in all disciplines.

In early 1981 assumed responsibilities of Project Manager on the above project.

1979

PROJECT ENGINEER

Responsible for all engineering functions including the supervision of design, drafting, field engineering, cost control reporting, surveying, and contract interpretation, as well as dealing with the owner on a day to day basis.

This was a \$6.2 million contract for the British Columbia Department of Highways consisting of the construction of 6 kilometers of road grade in mountainous terrain requiring the excavation of 600,000 cubic metres of rock.

1976 - 1979

PROJECT ENGINEER, ENGINEERING ADMINISTRATOR

At the James Bay Project in Quebec. Responsible for all engineering functions, for supervision of design, drafting, field engineering, cost control, engineering reports, surveys, and contract interpretation, and for dealings and correspondence with the owner on a day to day basis.

This was a \$125 million contract for La Societe d' Energie de la Baie James, involving 1,000,000 cubic yards of rock excavation, approximately 60 percent underground, and 300,000 cubic yards of concrete.

1975

FIELD ENGINEER

Responsible to the General Superintendent and to the Project Engineer, for all work, as well as the supply of all permanent materials. The work required liaison with the Owner's representatives and the direct supervision of area engineers and recorders.

The project was the Mica Creek Underground Powerhouse, a \$140 million contract for B.C. Hydro and Power Authority at Mica Creek, British Columbia, which involved 1,000,000 cubic yards of underground rock excavation, 250,000 cubic yards of concrete, 7,800 tons of reinforcing steel and 40,000 tons of structural steel.

1973 - 1974

JUNIOR PLANNING ENGINEER

Worked at the Sullivan Mine, Kimberley, British Columbia, a lead, zinc, silver mine in aspects of production mining to shiftboss training. Engineering work involved ventilation, rock mechanics, longhole drilling, maintenance and surveys.

1972 - 1973

ENGINEER IN TRAINING

Worked at the underground potash mine at Vanscoy, Saskatchewan, including surveys and ventilation.

1971

DEFENCE CONSTRUCTION LTD., EDMONTON, ALBERTA

Responsible for inspection and approvals of contract work on a \$1 million helicopter hangar and a \$1 million runway project at the Namao Air Base, supervising a crew of four.

1970

DRILLER'S HELPER

Worked on exploration diamond drilling in the Elsa, Yukon Territory area.

MICHAEL NADON

DATE OF BIRTH: 1948

MARITAL STATUS: Married

LANGUAGES: English

- EDUCATION:**
- Bachelor of Arts, Laurentian University, Business Major, Sudbury, Ontario - 1988
 - Ontario Common Core Training Certification and Common Core Certification, Hard Rock Mining, Ontario Ministry of Colleges & Universities - 1980
 - Mine Planning, Mine Surveying and Layout; Cambrian College, Sudbury, Ontario - 1973
 - Neil George Leadership Training, Industrial Safety Council, New Brunswick - 1976
 - Various Management courses taken 1982 to present, including Tom Peters two day seminar on "In Search of Excellence".

EXPERIENCE: **PROCON MINING AND TUNNELLING LTD.**

1996 MANAGER OF CONTRACTS

Assistant to Vice President, Operations.

WESTMIN RESOURCES, Campbell River, B.C.

1994 - 1995 MINE SUPERINTENDENT - MYRA FALLS

Responsible for all underground operations at Myra Falls.

J.S. REDPATH LIMITED, North Bay, Ontario

1990 - 1993 VICE PRESIDENT, GENERAL MANAGER - CONTRACTING

Directed the Canada-wide (excluding Quebec) mine contracting operations. This included marketing, tendering, negotiating and managing various mine development projects. Managed a head office staff of 16 and average of 200 field employees with average annual revenues of 30 million dollars.

1988 - 1990 SENIOR MANAGER, CONTRACTING

Managed contracting operations in eastern Canada. Responsible for project management, client relations and health and safety of field crews.

1986 - 1988 MANAGER, SPECIAL PROJECTS AND SUBSIDIARIES

Managed "flagship" project involving 250 field employees. Also oversaw subsidiaries, Minesteel Fabricating Ltd., a wholly-owned steel fabrication business with 16 employees; and Ram Raising Limited, a Timmins, Ontario based specialized mining company with 80 employees. Negotiated international projects in Scotland and Indonesia. Report to President.

MICHAEL NADON

1982 - 1985

J.S. REDPATH LIMITED, North Bay, Ontario
AREA MANAGER

Managed 2-3 mine development projects at any one time. Responsible for assisting in bidding contracts, expediting crews, equipment and materials, and carrying out projects on schedule and budget. Included regular site inspections to audit performance, safety, and client satisfaction.

1980 - 1982

INTERMEDIATE ENGINEER

Working in head office, assisted contracting management personnel in project management; provided formal submissions to Ministry of Labour outlining project descriptions and details of compliance to regulations.

1974 - 1980

FIELD SUPERVISION

Held progressively senior responsibilities on field projects beginning in Bathurst, New Brunswick on Brunswick Mining #3 Shaft Expansion. Positions held included Project Engineer, Shaft Miner and Shaft Foreman.

Worked on subsequent projects including Bruce Nuclear Power Development Tunnel Construction as Tunnel Captain. Worked as Project Superintendent on several subsequent projects on sites across Canada.

FALCONBRIDGE NICKEL MINES, Sudbury, Ontario

1968 - 1974

Worked in Engineering department as Surveyor, Survey Party Leader and in mine planning functions.

**PROFESSIONAL
ASSOCIATIONS:**

Member, Canadian Institute of Mining and Metallurgy
Member, Institute of Shaft Drilling Technology
Past Director, Canadian Mine Contractors Association

STEPHEN J. McNEIL

DATE OF BIRTH: November 17, 1954

MARITAL STATUS: Married

LANGUAGES: English/French

EDUCATION: Grade XII, South Porcupine, Ontario;
Graduated from Northern College of Applied Arts and Technology, South Porcupine, Ontario;
Licensed Heavy Duty Mechanic, Interprovincial #129369, Ministry of Colleges and Universities, Ontario.

ADDITIONAL TRAINING: Hydraulics advanced training in Finland by Tamrock on drilling equipment; Instructor training by Tamrock;
Deutz engine training, D.H. MacPherson Inc., Iron River, Michigan;
Wagner scoop training by Blackwood Hodge, Sudbury, Ontario.

EXPERIENCE:

1992 - Present

PROCON MINING AND TUNNELLING LTD.
MECHANICAL SUPERINTENDENT

Responsible for overseeing mechanical field operations, including hiring and placement of all mechanical personnel.

1986 - 1992

S.J.M. FIELD SERVICES LTD.
PRESIDENT

Mining mechanical contractors specializing in the repair of hydraulic drilling equipment as well as all other types of underground mobile equipment. Labour contracts, as well as custom built equipment for specific mining applications.

Job estimating; oversee all quotations as well as set pricing. Source specific materials and schedule all work.

1982 - 1986

TAMROCK CANADA INC.
TECHNICAL FIELD REPRESENTATIVE, CANADIAN MINES

Responsibilities included training clients on proper maintenance and use of the specific unit. Training drillers on the characteristics of a hydraulic drill. Handling warranty claims and analyzing and setting in place maintenance programs.

1984 - 1985

CANADIAN MINE SERVICES LTD.
MECHANICAL FOREMAN

Worked as a heavy equipment mechanic on all types of pneumatic and hydraulic drilling equipment and all sizes of LHD equipment. Promoted to mechanical foreman responsible for an eight man crew. Promoted to mechanical general foreman responsible for one hundred pieces of underground equipment as well as supervision of the entire mechanical crew.

JOHN A. COSSARINI

DATE OF BIRTH: November 30, 1940

MARITAL STATUS: Married

LANGUAGES: English

EDUCATION: Senior Matriculation (BC) Graduated 1963

ADDITIONAL TRAINING:

- Coopers & Lybrand - Management Development 1 (1991)
- BC Mine Rescue Instructors Course Certificate No. 28 (1991)
- Workers' Compensation Board of BC - Diploma Program for Safety Personnel (1990).
- International Loss Control Institute - Modern Safety Management Course (1990).
- Finning Tractor - Supervisory/Management Seminar (1972).
- BC Shiftboss Ticket No. 594 (1970).
- BC Institute of Technology - Mining Technology Diploma (1968).

EXPERIENCE:

JULY 1993 - PRESENT

PROCON MINING AND TUNNELLING LTD.

SAFETY DIRECTOR

CANADIAN MINE DEVELOPMENT, a division of *Hillsborough Resources Limited*,
Brampton Ontario

OCT. 1988 - JUNE 1993

SAFETY DIRECTOR

Implemented, conducted, and directed all safety and training programs for all Company operations, namely,

- Supervisory Development for Shiftbosses, Lead Mechanics, Job Superintendents, and Project manager on job standards, policies, and procedures.
- Loss Control Program.
- WHMIS Training
- Blasting Certificates.
- Formation of Mine Rescue Teams, where required.
- Underground Trackless Equipment Training for Operators.
- Safety Talks on a regular basis during site visits.
- Inspections on each project with follow-up inspection reports.
- Guided the work of the Occupational Health & Safety Committees on each project and ensured safety concerns were addressed.
- Managed all Compensation Claims and compiled monthly statistics for distribution to Provincial Governments.

JOHN A. COSSARINI

- JUNE 1986 - OCT. 1988** **CANADIAN MINE DEVELOPMENT, LTD., Brampton, Ontario**
MANAGER OF MINING, WESTERN CANADA
- Responsible for company's mining operations in Western Canada.
- APRIL 1984 - JUNE 1986** **TONTO MINING, Burnaby, British Columbia**
JOB SUPERINTENDENT
- Supervised various exploration and development projects, including,
- 2,000 ft. exploration adit at Cheni Gold Mines;
 - 2,200 ft. tunnel for BC Hydro at Westmin Mines on Vancouver Island;
 - start-up of operations at Star Lake Mine in Northern Saskatchewan.
- JUNE 1983 - FEB. 1984** **CANADIAN MINE SERVICES, Vancouver, British Columbia**
MANAGER OF MINING, WESTERN CANADA
- Oversaw Company's Western operations until its demise.
- MAY 1982 - JUNE 1983 1** **PROJECT MANAGER**
- Managed a drainage adit construction project valued at \$10 million.
- JAN. 1978 - MAY 1982** **AREA SUPERINTENDENT, WESTERN CANADA**
- Involved in the execution of all of the company's development projects in Western Canada, including,
- Cadomin - excavation of underground storage facilities
 - Mountain Minerals - operation of a small barite mine at Golden, BC
 - Trout Lake - 6,000 ft., 11 ft. x 15 ft. tracked exploration adit for Newmont Mines
 - 2,500 ft. tailings line tunnel for Amax of Canada at Kitsault, BC
 - Development work for Scottie Gold Mines at Stewart, BC
 - Underground trackless development at con Mines, Yellowknife, Northwest Territories.
- MAY 1973 - DEC. 1977** **R.F. FRY & ASSOCIATES, Surrey, British Columbia**
GENERAL SUPERINTENDENT
- Involved in contract execution of Company's projects, including,
- Mosquito Creek gold Mines, Wells, BC - shaft sinking and lateral development
 - White Lake, Manitoba - shaft sinking and ramp development for Hudson Bay Mining & smelting
 - Giant Yellowknife Mines - excavation of underground storage bins, development work, and longhole drilling.

JOHN A. COSSARINI

MAY 1970 - MAY 1973

CANADIAN MINE SERVICES TD., Vancouver, British Columbia
JOB SUPERINTENDENT / SUPERVISOR

at various sites in British Columbia, the Yukon Territory, and Saskatchewan.

1965 - 1968

ECHO BAY MINES, Port Radium, Northwest Territories
DEVELOPMENT MINER

Involved in development work for a narrow vein silver mine.

1963 - 1965

ELDORADO NUCLEAR LTD., Eldorado, Saskatchewan
MINER IN TRAINING

PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON

4.1 DESCRIPTION OF TARGET CONTRACT

The '*Target Price*' includes 8% to cover our G&A (Corporate Offsite General and Administration Costs). In addition to the target price submitted, we propose to add a 7% Fee for Profit (this fee in actual fact increases or decreases according to over or underruns when '*target costs*' are determined). The '*Target Cost*' is the total of all field cost items plus the 8% G & A.

In determining the final cost paid we compare the '*Target Cost*' to the '*Target Price*'. If the '*Target Cost*' is higher than the '*Target Price*', we share the overrun on a 70/30 basis, to a maximum of the Contractor's Fee for Profit (7% of the '*Target Price*'). If the Contractor's allowance for participation is depleted, further costs are to the Owner's account.

If, however, the '*Target Cost*' is less than the '*Target Price*', then the savings are shared on a 70/30 basis and the cost to the Owner would be the actual cost plus 7% fee for profit plus 30% of the underrun savings to a maximum of the 7% fee for profit. Any additional savings then accrue to the Owner.

In administering this type of agreement the Contractor's books and records are open to the Owner for inspection at all times, in order to substantiate the '*Target Cost*' arrived at. There are no hidden costs or allowance for contingencies. The Contractor and the Owner's representative work together to achieve the most economical approach to accomplish the job.

One can readily see that the savings to the Owner can be quite substantial as the 'risk' is shared. There is also a definite incentive for both parties to work together to further the project, as both stand to gain by cost underruns or to be penalized by cost overruns.

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

4.2 SAMPLE - TARGET CONTRACT UNDERRUN

TARGET RECONCILIATION AS OF _____ (Date) _____

1. Target Price to Cost Comparison

(A) Target Price including G & A			<u>\$ 1,100,000</u>
(B) Field Cost from Job Ledger			950,000
	G & A	8%	<u>76,000</u>
			<u>1,026,000</u>
(C) Target Underrun	(A) - (B)		<u>\$ 74,000</u>

2. Cost to Owner

(A) Total Target Cost without Profit - 1(B)		\$ 1,026,000
(B) Fee for Profit @ 7% (on \$950,000)		66,500
(C) Participation = 30% of 1(C) (not to exceed 7% of 1(B) excluding G & A or \$66,500)		<u>22,200</u>
(D) Total Cost to Owner (A) + (B) + (C)		<u>\$ 1,114,700</u>

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

4.2 SAMPLE - TARGET CONTRACT OVERRUN

TARGET RECONCILIATION AS OF _____ (Date) _____

1. Target Price to Cost Comparison

(A) Target Price including G & A		<u>\$ 1,100,000</u>
(B) Field Cost from Job Ledger		1,150,000
	G & A 8%	<u>92,000</u>
		<u>1,242,000</u>
(C) Target Overrun	(A) - (B)	<u>\$(142,000)</u>

2. Cost to Owner

(A) Total Target Cost without Profit - 1(B)		\$ 1,242,000
(B) Fee for Profit @ 7% (on \$1,150,000)		80,500
(C) Participation = 30% of 1(C) (not to exceed 7% of 1(B) excluding G & A or \$80,500)		<u>(42,600)</u>
(D) Total Cost to Owner (A) + (B) + (C)		<u>\$ 1,279,900</u>

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

5.0 *DIAMOND DRILLING*

Procon solicited 3 bids for the underground drilling on the Grizzly Project.

Connors Drilling of Kamloops, B.C., E.Caron Diamond Drilling Ltd. of Whitehorse, and Advanced Drilling of Surrey, B.C. submitted bids.

Advanced Drilling had the best tender both in price and previous experience.

We hereby submit Advanced Drilling's tender and recommend we use them if selected to do the job. We have used Advanced in the past and are currently working with them on the Boston Gold Project for BHP in the Northwest Territories as well as at Eskay Creek for Homestake near Stewart, B.C.

If you wish to deal directly with Advanced on a Contractual basis we have no objection and will support them as if they were working for us. If you wish us to use them as a Sub-Contractor, we would charge 8% to cover our General and Administrative Costs (G & A) - no profit allowance.

In either case diamond drill support would be provided as an 'extra' item at the extra work order rates outlined in Section 3.1.



19469 – 92nd Avenue, Surrey, B.C. V4N 4G6

Telephone (604) 888-0033

Fax (604) 888-2269

August 9, 1996

Procon Mining and Tunnelling Ltd.
#205-3920 Norland Avenue
Burnaby, B.C.
V5G 4K7

ATTENTION: Mr. Ernst Binder

Gentlemen:

Please find herein our rates for providing an underground core drilling program on the Grissley deposit near Faro, Y.T. Should you have any queries with respect to the contents or interpretation of our submission, please contact the undersigned at your convenience.

We hope your tender is successful and that we will have the opportunity of working with you on this project.

Yours very truly,

ADVANCED DRILLING LTD.

C.D. MacDonald, P.Eng.

President

CDM/ms

**UNDERGROUND CORE DRILLING
FOR
PROCON MINING AND TUNNELLING LTD.
ON
GRISSLEY DEPOSIT - FARO, Y.T.**

PREPARED BY:

ADVANCED DRILLING, LTD.

AUGUST 9, 1996



ADVANCED DRILLING LTD. TO PROVIDE:

- Competent crew and supervision covered with Worker's Compensation assessments and applicable liability insurance.
- Two electric hydraulic core drills complete with all ancillary equipment and supplies to perform the program in a work man like manner.
- Underground service vehicle.
- Vehicles for surface movement of personnel and supplies.

SCHEDULE OF RATES:

1. Mobilization of equipment and crews for one drill
to jobsite \$5,000.00 LUMP SUM.
Mobilization of each additional two man crew
to jobsite \$1,500.00 LUMP SUM.

2. Coring of rock (RATE PER METER):

	BQ CORE	BQTK CORE	NQ CORE
<u>DEPTH (METERS)</u>	<u>(36.5 MM)</u>	<u>(40.7 MM)</u>	<u>(47.6MM)</u>
0 - 200	\$42.50	\$42.50	\$50.50

3. The following services would be provided on a SITE COST PLUS 10% BASIS:
 - (a) Move in and set up on first drill site (each drill) at beginning of program and move out on completion of program.
 - (b) Inter-station and off azimuth moves and set ups. No charge for head swings on same azimuth.
 - (c) Stabilization of borehole for cave, sand, squeezing ground, lost circulation or adverse water flows.
 - (d) Casing operations.
 - (e) Surveying in borehole.
 - (f) Delays caused by owner or others under his control, blasting or interruption of services in excess of one hour per shift.



WHERE SITE COSTS ARE DEFINED AS:

- | | | | |
|-----|-------------------------|----|-----------------|
| i) | Labour | \$ | 29.50/MAN HOUR |
| ii) | Equipment: | | |
| | Operating | \$ | 27.00/DRILL HR. |
| | Non-operating | \$ | 20.00/DRILL HR. |
-
- | | | |
|----|---|----------------------------------|
| 4. | Supply of drill rod grease,environment supplies,
cement, hole plugs, drill fluid additives,
survey instruments etc. | NET COST F.O.B.
JOB SITE + 8% |
| 5. | Supply of core boxes and lids | NET COST F.O.B.
JOB SITE + 8% |
| 6. | Demobilization of equipment and four man crew on
completion of program | \$ 5,000.00 LUMP SUM |
| | Demobilization of each additional two man crew | \$ 1,500.00 LUMP SUM |

DISCUSSION:

We have performed many major underground core drilling programs in Western Canada during the past 10 years. Some of the significant projects have been:

- | | | |
|-----|------------------|---|
| 1. | WINDY CRAGGY: | 150,000 feet of BQ core +70° holes to 1700 feet. |
| 2. | SA DENA HES: | 1000,00 feet per year in operating mine. |
| 3. | MIDWAY: | 35,000 feet of HQ and NQ drilling in broken ground. |
| 4. | CASSIAR: | 100,000 feet over numerous years in swelling serpentine formations HQ and NQ. |
| 5. | CIRQUE: | 35,000 feet underground drilling BQ core. |
| 6. | FARO: | 55,000 feet mine grade control drilling. |
| 7. | KENO HILL: | 15,000 feet with four hydraulic drills in faulted ground in old workings. |
| 8. | BURNICK: | 20,000 feet with two drills in 40 days. |
| 9 | BHP-LAC DE GRAS: | 15,000 feet in water bearing kimberlite formations in sizes HQ, NQ, and BQ. |
| 10. | GOLDEN BEAR: | 16,000 feet in water bearing silica formations. |
| 11. | ESKAY CREEK: | 100,000 feet+ continuous drilling for operating mine. |
| 12. | BHP BOSTON GOLD: | 25,000 feet BTW program N.W. |



Our senior operators have supervised all underground drilling to date in the Faro camp. While with CMS we performed all underground drilling on the Grum deposit. As Advanced Drilling Ltd we did all underground grade control drilling for the underground mine at the bottom of the Faro pit.

The project would be serviced from our Whitehorse Y.T. office shop complex. Two electric hydraulic core drills will be provided and crewed in accordance with on site requirements.

CONCLUSION:

We have the personnel, equipment, experience and technical expertise to ensure the program is completed in a efficient manner.

Yours very truly,

ADVANCED DRILLING LTD.



C.D. MacDonald, P.Eng.

President

6.0 SAFETY AND TRAINING

6.1

PROCON MINING AND TUNNELLING LTD.

SAFETY PROGRAM

In addition to compliance of our enclosed Safety Manual and the Health and Reclamation Code for Mines in the applicable Province, Procon Mining and Tunnelling's program includes:

1. Neil George Safety Card System. In addition to the five points noted on the reminder card the Procon card includes a space for the supervisor to:
 - a) Designate an Act of Safety
2. Regular, documented safety talks by on site supervision and by head office personnel.
3. When manpower levels are sufficient, the following is established:
 - a) Occupational Health and Safety Committee
 - b) Formation and training of a mine rescue team plus ongoing practice sessions.
4. Updating certifications for Procon employees pertaining to:
 - a) Shiftboss certificates
 - b) WHMIS training
 - c) Blasting certificates
 - d) First-Aid certificates.
5. Establishment of on site emergency procedures for:
 - a) Fire
 - b) Accidents.
6. Regular inspections by Procon's senior staff and head office personnel.
7. Establish a site indoctrination procedure for all Procon employees. (Sample attached).
8. Establish a training program based on the Ontario common core modules when required. (Sample training records attached).
9. Investigate all accidents and incidents and take appropriate corrective action. (Sample investigation report attached).

PROCON MINING AND TUNNELLING LTD.

SAFETY PROGRAM

EQUIPMENT SAFETY STANDARDS

The Mobile Equipment used on all **Procon** projects must meet the following Safety Standards prior to shipment to the project site:

Ansul Fire Suppression system c/w two activation stations

Handheld Fire Extinguisher

Pinch point areas marked

Reflective Markings and Red Clearance Lights front and rear

Two wheel chock holders and chocks

Seat belts installed

R.O.P.S. (Roll Over Protection Structure) conforming to CSA B352-M Standard complete with identification plate attached to structure

Auxiliary Steering system

Braking System that complies with CAN/CSA - M 424.3 Standard. The system consists of three Independent systems (Park, Emergency and Service)

Upgraded or Double Park Brake capacity and extra brake capacity when the engine is shut down or stopped

Front and Rear Brake Pressure Gauges in the operators compartment

Fuses on Main Circuit Master Switch and Fire Resistant Loom for Main Electrical Wire

Upgraded Halogen Lights front and rear

Reinforced operators compartment

_____ PROJECT
EMPLOYEE ORIENTATION

	YES	NO
1. Introduction to the property.		
2. Employee qualification and certification.		
3. Travel to and from Project (Helicopter Procedures)		
4. Emergency contingency plans		
5. First Aid station location.		
6. First aid treatment and reporting of injuries.		
7. Medical evacuation plans.		
8. Mine Layout		
9. Equipment Operating Procedure		
10. Mine Ventilation		
11. Issue and training in the use of a Self Rescuer.		
12. Requirement to adhere to the B.C. Mines Act		
13. Personal protective equipment.		
14. Explanation of the W.H.M.I.S. program.		
15. Environmental protection and requirements.		
16. Procon Safety Manual (Acknowledgement sent to Burnaby)		

This employee has been checked out and is Qualified to Operate the following equipment. _____

Employee name _____

Date-- _____

SUPERVISOR SIGNATURE _____

COMMENTS. _____

PROCON MINING

TRAINING RECORD

PROJECT NO. _____

Date: _____

Employee: _____

Mining Experience: _____

Equipment Operating Experience: _____

_____ has been instructed on standard procedures for pre-operating checks and safe operating practices of:

Equipment List: _____

Walk Around Check:

- _____ Tires & Wheels
- _____ Pins and Hinge Joints
- _____ Lights
- _____ Exhaust System
- _____ Fire Suppression System
- _____ Fire Extinguisher
- _____ Brake Test
- _____ Emergency Steering
- _____ Warning Systems

Operating Procedures:

- _____ Adequate Ventilation
- _____ Washing Muckpile
- _____ Scaling
- _____ Proper Mucking Procedure
- _____ Roadway Maintenance
- _____ Report any Equipment Malfunctions to Mechanics and Supervisor
- _____ Do Not Operate Equipment that is Unsafe to Operate.

Signature

Supervisor: _____

Mechanical: _____

Employee: _____



SUPERVISORS ACCIDENT REPORT

This report must be completed at once for these occurrences:

1. Personnel injury requiring a Doctor's attention (medical aid or loss time)
2. Equipment damage in excess of \$1,000.00.
3. Property or material damage in excess of \$500.00.

PROJECT: _____ DATE: _____

A. DETAILS:

1. Date and time of accident/incident _____

2. Name of employee(s) injured _____

Type of injury: _____

Occupation: _____

3. Name of others involved _____

4. Names of witness(s) _____

5. Equipment or materials involved (for each equipment list serial number, make and model number).

Estimate total cost to repair or replace _____

6. Description of incident (attach separate sheet if required)

7. Location of incident (be specific) _____

8. Follow-up:

1. In the event that this was a serious accident or dangerous occurrence as defined by the Mines Act, have the proper people been advised?

Yes: _____ Dated Advised: _____

2. What action has been taken or is recommended to prevent or control similar occurrences?

Signed

Supervisor

(Project Superintendent/Manager)

Date:

6.2

**PROPOSAL FOR ANVIL RANGE MINING CORPORATION
GRIZZLY PROJECT • PHASE I • FARO, YUKON**

6.2 *PROCON TRAINING PROGRAM*

The following is Procon's structured training curriculum for underground hard rock mining. It has been used successfully to train Aboriginals and others in mines in British Columbia and Saskatchewan.

The program is usually done in conjunction with the Client and the local community college.

This program, if required to be used, would be adapted to mine site conditions and Client requirements and policies.

**PROCON MINING AND TUNNELLING LTD.
UNDERGROUND MINERS BASIC TRAINING PROGRAM**

General Information

Phase I Consists of approximately 60% classroom training and 40% hands on training in the field.

Phase II & III Consists of approximately 75% hands on training in the field (with the exception of the 1st Aid and Mine Rescue Courses) and 25% classroom training.

All classroom training is done by the Mine Trainer with the exception of the specialized courses for:

- Survival Mine Rescue
- First Aid
- WHMIS
- Basic Mine Rescue

All hands on training is done by the Mine Trainer with the assistance of experienced operators as required.

Class size should be limited to six people for best results.

All training is closely monitored by the Mine Trainer and Trainees are tested as they progress through each Phase of training. Evaluations are done that will form part of their employment record.

**PROCON MINING AND TUNNELLING LTD.
UNDERGROUND MINERS BASIC TRAINING PROGRAM**

Phase I 70 hours (7 days)

Day1

- Registration and course introduction
- Introduction to mine supervision and training personnel
- Familiarization with site rules and regulations
- Issuance of personal protective equipment
- Demonstrate the proper use and limitations of personal protective equipment including the use of W-65 self rescuer

Day2

Orientation to Mine Environment includes the following:

- Familiarization and tour of the surface facilities including shops, warehouse, first aid facilities, etc.
- General safety procedures including check-in, reporting of injuries or absence, camp rules
- Mine shift schedules
- Familiarization and tour of underground facilities

Day3

- Neil George Safety System including principles of safety
- Emergency procedures / fire fighting
 - Procedure in event of a fire
 - Classification of fires
- Proper use of fire extinguishers
 - Hand held type
 - Fire suppression systems

**Day4
to Day 7**

Orientation of Underground Mining

- Brief history of the property and mining methods
- Ventilation
- Safe work practices and safety procedures
- Rules for trackless equipment and observing trackless equipment
- Work place inspections
- Scaling procedures and practice
- Introduction to the Health, Safety and Reclamation Code for Mines
- Work place hazardous materials information system and training
- Review of material covered from Day 1 to Day 7

**PROCON MINING AND TUNNELLING LTD.
UNDERGROUND MINERS BASIC TRAINING PROGRAM**

Phase II 170 hours (17 days)

Note: The trainer determines the sequence of the training depending on the availability of work places and instructors. A break down of the material covered is as follows with the approximate time duration included.

<i>Description of Training</i>	<i>Duration</i>
(1) Installing Underground Services <ul style="list-style-type: none"> • Handling & transporting materials • Proper procedures for installing underground services 	40 hours
(2) Survival Mine Rescue Course	10 hours
(3) Jackleg and Stoper Drilling <ul style="list-style-type: none"> • Setting up • Securing the workplace • Drilling pinholes for services • Drilling and installing rockbolts 	50 hours
(4) Explosives <ul style="list-style-type: none"> • Proper procedure for the handling, transportation and storage of explosives • Rules regarding blasting <ul style="list-style-type: none"> • Guarding • Returning to blast scene • Loading and blasting rounds and slashes 	50 hours
(5) Standard First Aid and C.P.R. Course	20 hours

**PROCON MINING AND TUNNELLING LTD.
UNDERGROUND MINERS BASIC TRAINING PROGRAM**

Phase III 180 hours (18 days)

Trackless Equipment Operation

<i>Description of Training</i>	<i>Duration</i>
Operating Underground Haulage Trucks <ul style="list-style-type: none"> • Pre-operating checks • Brake tests • Safety devices <ul style="list-style-type: none"> • Hand held fire extinguishers • Fire suppression system • Emergency steering • Maintenance procedures for the operator • Operating procedures • Fueling procedures • Safety 	70 hours
Operating Underground Scooptrams <ul style="list-style-type: none"> • Pre-operating checks • Brake tests • Safety devices <ul style="list-style-type: none"> • Hand held fire extinguisher • Fire suppression system • Emergency steering • Maintenance procedures for the operator • Operating procedures • Fueling procedures • Safety 	70 hours
Basic Mine Rescue Course	40 hours

7.0 EXPERIENCE

CORPORATE INFORMATION

PROCON GROUP

Registered in British Columbia and Alberta with Extra-Provincial Registration in Saskatchewan, Manitoba, Northwest Territories and Yukon Territory

HEAD OFFICE

Suite 205, 3920 Norland Avenue
Burnaby, British Columbia V5G 4K7
Phone: 604-291-8292 Fax: 604-291-8082

SHOP

2202 - 8th Street
Nisku, Alberta T9E 7Y9
Phone: 403-955-3622 Fax: 403-955-2411

OFFICERS AND DIRECTORS

President: E.A. (Ed) Yurkowski
Vice President: J.A. (Jim) Dales
Secretary: B.M. (Bruce) McKay

BANKERS

Bank of Montreal
2601 Granville Street
Vancouver, B.C. V6H 3H2
Phone: 604-665-2584 Fax: 604-665-7258
Contact: Mr. David White, Sr. Account Manager

AUDITORS

Coopers & Lybrand
1111 West Hastings Street
Vancouver, B.C. V6E 3R2
Phone: 604-661-5700 Fax: 604-661-5756
Contact: Mr. John Kay, CA

LEGAL COUNSEL

Lang Michener Lawrence & Shaw
2500 Three Bentall Centre
595 Burrard Street, P.O. Box 49200
Vancouver, B.C. V7X 1L1
Phone: 604-689-9111 Fax: 604-685-7084
Contact: Mr. Bruce McKay

**INSURANCE &
BONDING AGENT**

Alexander and Alexander
Reed Stenhouse Limited
900 Howe Street, P.O. Box 3228
Vancouver, B.C. V6B 3X8
Phone: 604-688-4442 Fax: 604-682-4026
Contact: Mr. Jay Sinclair, Insurance
Mr. Don Reggin, Bonding

SURETY

Guarantee Company of North America
810 - 400 Burrard Street, Box 57
Vancouver, B.C. V6C 3A6
Phone: 604-687-7688 Fax: 604-687-8861
Contact: Mr. Gary Seedhouse

INSURANCE

Chubb Insurance Company of Canada
One Financial Place, 1 Adelaide Street East
Toronto, Ontario M5C 2V9
Phone: 416-863-0550 Fax: 416-865-5010
Contact: Mr. Dave Crozier

MAJOR PROJECTS SINCE INCEPTION (FEBRUARY 1992)

By

PROCON MINING AND TUNNELLING LTD.

Revised August, 1996

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>I. BETHLEHEM RESOURCES CORPORATION Suite 700-815 West Hastings St. VANCOUVER, British Columbia V6C 1B4 Phone (604) 687-7444</p> <p><i>Mr. Brian Kynoch, President and C.E.O.</i></p>	<p>1. Mascot Mine Project Hedley, B.C.</p>	<ul style="list-style-type: none"> ▪ Drill and blast oversize muck in pit. 	<p>Start Up and Completion: Feb. 1992</p>	<p>Anson Smith</p>
<p><i>Mr. Tom Colbourne, P.Eng. Mine Superintendent Goldstream Mine</i></p>	<p>2. Goldstream Mine Project Revelstoke Area, B.C.</p>	<ul style="list-style-type: none"> ▪ Responsible for total underground operation producing 1,200 tonnes per day from longhole room and pillar, and jumbo development. 	<p>Start Up: May 1993</p> <p>Completion: Feb. 1996</p>	<p>Ernst Binder <i>Project Manager</i></p> <p>Red Heine <i>Project Sup't</i></p>
<p><i>Mr. Patrick McAndless Vice President Explorations</i></p>	<p>3. Tillicum Mountain Project Burton, B.C.</p>	<ul style="list-style-type: none"> ▪ Develop and mine by shrinkage methods small narrow vein orebody - approximately 15,000 tonnes. 	<p>Start Up: June 1993</p> <p>Completion: October 1993</p>	<p>Anson Smith</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>II. PORT AUTHORITY, TRANS- HUDSON CORPORATION 55 Hudson Street HOBOKEN, New Jersey U.S.A. Phone (201) 216-7027</p> <p><i>Mr. Steve Abramopaulos, Chief Mtnce. Supervisor</i></p>	<p>1. Track Way & Structures Division Hoboken, New Jersey</p>	<ul style="list-style-type: none"> ▪ Rehabilitate section of subway track; ▪ Demonstrate and train operators on scooptram. 	<p>Start Up and Completion: Feb. 1992 March 1992</p>	<p>Anson Smith</p>
<p>III. ROYAL OAK MINES INC. 5501 Lakeview Drive KIRKLAND, Washington 98033 Phone (206) 822-8992</p> <p><i>Mrs. Margaret Witte, President and C.E.O.</i></p>	<p>1. Giant Mine Project Yellowknife, Northwest Territories</p>	<ul style="list-style-type: none"> ▪ Provide up to 160 men for underground development, production, and general mine operations. 	<p>Start Up: May 22, 1992</p> <p>Completion: June 1993</p>	<p>Red Heine Steve McNeil</p>
<p><i>Mr. J. Stard, Mine Manager Phone (403) 873-6301</i></p>	<p>2. Giant Mine Project Yellowknife, Northwest Territories</p>	<ul style="list-style-type: none"> ▪ Provide mechanical labour for underground equipment maintenance. 	<p>Start Up: June 1993</p> <p>Ongoing</p>	<p>Steve McNeil</p>
<p><i>Mr. J. Stard, Mine Manager Phone (403) 873-6301</i></p>	<p>3. Colomac Mine Project Indin Lake Area, Northwest Territories</p>	<ul style="list-style-type: none"> ▪ Provide millwrights and construction labour for various maintenance and installations 	<p>Start Up: July 1994</p> <p>Ongoing</p>	<p>Murley Gilbert</p>
<p><i>Mr. Rick Allan, P.Eng. Manager - Mining Projects Phone (206) 822-8992</i></p>	<p>4. Giant Mine Project Yellowknife, Northwest Territories</p>	<ul style="list-style-type: none"> ▪ +/- 3000' of various sized Alimak raise ▪ dewater and rehab shaft; ▪ rehab haulage levels; ▪ +/- 4000' of ramp development; ▪ +/- 20,000 tons mech. cut and fill stoping. 	<p>Start Up: May 1994</p> <p>Ongoing</p>	<p>Red Heine</p>
<p><i>Mr. Rick Allan, P.Eng. Manager - Mining Projects Phone (206) 822-8992</i></p>	<p>5. Red Mountain Project Stewart, British Columbia</p>	<ul style="list-style-type: none"> ▪ Mobilize crews, tools & supplies by helicopter; ▪ Rehabilitate surface & underground workings; ▪ de-water existing decline; ▪ excavate approximately 350 metres of additional decline. 	<p>Start Up: May 1996</p> <p>Ongoing</p>	<p>Ted Van Dyk</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>IV. HOMESTAKE CANADA LTD. Suite 1000, 700 West Pender Street VANCOUVER, British Columbia V6C 1G8 Phone (604) 684-2345</p> <p><i>Mr. Martin Wafforn, Mine Superintendent</i></p> <p><i>Mr. John Turney Mine Manager</i></p>	<p>1. Eskay Creek Project Northern B.C.</p>	<ul style="list-style-type: none"> ▪ Rehabilitate caved section of underground workings; ▪ Drill, blast, and bag bulk sample for testing purposes. 	<p>Start Up and Completion: Sept. 1992</p>	<p>Anson Smith</p>
	<p>2. Eskay Creek Project Northern B.C.</p>	<ul style="list-style-type: none"> ▪ Build diversion dam (conc. bag) on surface; ▪ Scale and bolt underground workings as part of ongoing rehabilitation. 	<p>Start Up: Aug. 1993</p> <p>Completed: Sept. 1993</p>	<p>Del Wotherspoon</p>
	<p>3. Eskay Creek Project Northern B.C.</p>	<ul style="list-style-type: none"> ▪ Rehab main haulage way as part of mine preparation; ▪ Shop, sumps and other miscellaneous excavations as required for mine startup. 	<p>Start Up: March 1994</p> <p>Completion: Aug. 1994</p>	<p>Greg Kirkwood</p>
	<p>4. Eskay Creek Project Northern B.C.</p>	<ul style="list-style-type: none"> ▪ Approximately 3,000 metres of ramp and lateral development plus test mining of approximately 10 - 20,000 tonnes. 	<p>Start Up: Sept. 1994</p> <p>Completion: Feb. 1995</p>	<p>Bill Fisher</p>
	<p>5. Eskay Creek Project Northern B.C.</p>	<ul style="list-style-type: none"> ▪ Complete operation of underground workings. 90,000 tonnes/annum cut & fill mining plus ongoing ramp and level development. 	<p>Start Up: March 1995</p> <p>Ongoing</p>	<p>Ron Koebel Ted Van Dyk</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>V. CAMECO CORPORATION 2121 - 11th Street SASKATOON, Saskatchewan S7M 1J3 Phone (306) 956-6200</p> <p><i>Mr. Bernie Rosner, Manager, Engineering</i></p> <p><i>Mr. Bob Wyka Mine Manager</i></p>	<p>1. Contact Lake Project Northern Saskatchewan</p>	<ul style="list-style-type: none"> ▪ Mobilize, set up surface plant and facilities; ▪ Collar decline - drive 600 metres of 3.5 x 5.0 metre ramp at minus 15% gradient; ▪ Excavate two levels from ramp - total 520 metres; ▪ Excavate approximately 150 metres of open raises, for ventilation and ore testing; ▪ Mine a test stope of approximately 90,000 tons using 4 ½ inch longholes, excavate a 40 metre drop raise 1.8 feet in diameter, and backfill resulting excavation. 	<p>Start Up: Oct. 1, 1993</p> <p>Completion: March 1994</p>	Ron Koebel
	<p>2. Contact Lake Project Northern Saskatchewan</p>	<ul style="list-style-type: none"> ▪ Development and mining producing 700 tonnes per day from longholes, shrinkage and development methods. 	<p>Start Up: April 1994</p> <p>Ongoing</p>	Larry Perry
	<p>3. Key Lake Deilmann Pit • Tailings Tunnel Northern Sask.</p>	<ul style="list-style-type: none"> ▪ Excavate 600 foot long 8 ft. x 8 ft. tunnel in pit wall to pumping chamber for tailings percolation. 	<p>Start Up: June 1995</p> <p>Completion: July 1995</p>	Anson Smith
<p>VI. WHITE HAWK VENTURES INC. 609 - 325 Howe Street VANCOUVER, British Columbia V6C 1Z7 Phone (604) 687-4191</p> <p><i>Mr. Ed Skoda, Project Manager</i></p>	<p>1. Debbie 900 Zone Project (Gold) Port Alberni, Vancouver Island</p>	<ul style="list-style-type: none"> ▪ Mobilize, set up and collar adit; ▪ Drive 8 x 8 adit, 500 ft. to intersect orezone; ▪ Drift on ore, drive boxholes, undercut and stope raise; ▪ Mine approximately 4,000 tons by shrinkage methods and tram ore to surface bin. 	<p>Start Up: Oct. 1993</p> <p>Completion: Feb. 1994</p>	Anson Smith

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
VII. WADDY LAKE RESOURCES INC. 1450, 125 - 9th Avenue, S.E. CALGARY, Alberta T2G 0P6 Phone (403) 233-2423	1. Komis Deposit (Gold) North of La Ronge, Sask.	<ul style="list-style-type: none"> ▪ Mobilize, set up and collar adit; ▪ Drive first 100 metres of 3.5 x 5 metre decline at -15% gradient. 	Start Up: Oct. 1, 1993 Completion: Nov. 1993	Bill Fisher
<i>Mr. G.L. (Larry) Lahusen,</i> <i>President</i>	2. Komis Deposit (Gold) North of La Ronge, Sask.	Awarded the continuation of Phase I development involving: <ul style="list-style-type: none"> ▪ Excavation of an additional 350 metres of 3.5 x 5 m decline at minus 15 percent gradient; ▪ Excavation of 650 metres of 3.0 x 4.0 metre development on two levels; ▪ 90 metres of 1.5 x 2.1 m ventilation raise; ▪ Extraction of a 10,000 tonne bulk ore sample; ▪ 1,000 metres of underground diamond drilling. 	Start Up: Nov. 1993 Completed: March 1994	Bill Fisher
<i>Mr. Allyn J. Steward</i> <i>Mine Superintendent</i>	3. Komis Deposit (Gold) North of La Ronge, Sask.	<ul style="list-style-type: none"> ▪ 400 tonne per day shrinkage and longhole mining plus ongoing trackless development and raising. ▪ Operation and maintenance of old Jolu Mine workings for tailings disposal. 	Start Up: Feb. 1996 Ongoing	Greg Kirkwood
VIII. ATHABASKA GOLD RESOURCES LTD. 1200, 1185 West Georgia Street VANCOUVER, British Columbia V6E 4E6 Phone (604) 688-3144	1. Nicholas Lake Deposit North of Yellowknife, Northwest Territories	<ul style="list-style-type: none"> ▪ Mobilize, over ice road, surface plant and facilities; ▪ collar and drive 600 metres of 3.5 x 5.0 metre ramp @ -15%; ▪ Excavate approximately 400 metres of sill and lateral development. 	Start Up: March 1994 Completion: July 1994	Red Heine
<i>Mr. James Kermeen</i>	2. Carolin Mine Hope, B.C.	<ul style="list-style-type: none"> ▪ 800' exploration drift (trackless) ▪ Diamond Drill support. 	Start Up: Sept. 1995 Completion: Nov. 1995 Start Up: June 1996 Ongoing	Anson Smith
				Ivan Novak

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>IX. UNITED KENO HILL MINES LTD. (OWNER) WATTS, GRIFFIS AND McOUAT (AGENTS) 8 King Street, East TORONTO, Ontario M5C 1B5 Phone (416) 364-6244</p> <p><i>Mr. Steve Braithwaite,</i> <i>Project Manager</i></p>	<p>1. Belle Keno and Silver King Mines Elsa, Yukon Territory</p>	<ul style="list-style-type: none"> ■ Dewater and rehab underground workings - both properties; ■ Approximately 1,500 feet of new ramp development and 15,000 feet of diamond drilling. 	<p>Start Up: Oct. 1994</p> <p>Completion: May 1995</p>	<p>Anson Smith Dave Stark Greg Kirkwood</p>
<p>X. SAN DIEGO COUNTY WATER AUTHORITY (OWNER) PCL CIVIL CONSTRUCTORS U.S.A. (GENERAL CONTRACTOR)</p> <p><i>Mr. Leonel Anderson</i> <i>PCL - Tempe, Arizona</i> <i>Phone (602) 829-6333</i></p>	<p>1. Water Tunnel (Part of 4B Pipeline Construction)</p>	<ul style="list-style-type: none"> ■ Excavate approximately 1,200 ft. long x 11 ft. diameter water tunnel under the San Diego River, including ground support and blowout shaft construction. 	<p>Start Up: Nov. 1994</p> <p>Completion: July 1995</p>	<p>Red Heine Dave Stark</p>
<p>XI. SYNEX ENERGY RESOURCES 800 - 1188 West Georgia Street VANCOUVER, British Columbia V6E 4A2 Phone (604) 688-8271</p>	<p>1. Brown Lake Hydro Project Prince Rupert, B.C.</p>	<ul style="list-style-type: none"> ■ Barge mobilization and set up; ■ 6,500 Cu.M. surface access and power house; ■ 2,000' penstock tunnel; ■ underwater plug removal ■ 100' service shaft. 	<p>Start Up: Sept. 1995</p> <p>Completion: Mar. 1996</p>	<p>Bill Fisher</p>
<p>XII. BHP MINERALS CANADA LTD. 550 California Street SAN FRANCISCO, California 94104 Phone (415) 774-2436</p> <p><i>Mr. Rich Rein</i></p>	<p>1. Boston Gold Project Spyder Lake, N.W.T.</p>	<ul style="list-style-type: none"> ■ Mobilize crews, equipment and supplies by Hercules aircraft; ■ Establish portal and drive approximately 360 metres of decline; ■ Drive approximately 600 metres of drift and x-cut to obtain underground bulk sample. 	<p>Start Up: Feb. 1996</p> <p>Ongoing</p>	<p>Dave Stark</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
XIII. COGEMA RESOURCES INC. #817 - 825 - 45th Street West SASKATOON, Saskatchewan S7K 3X5 Phone (306) 244-2554	1. Dominique-Janine U/G Mine Northern Saskatchewan	<ul style="list-style-type: none"> ▪ Excavate approximately 900 metres of 4.3 x 4.5m decline; ▪ Excavate approximately 300 metres of 3.8 x 2.5m incline; ▪ Poor ground conditions required installation of bolts, screen and shotcrete; ▪ Ongoing development and underhand cut and fill mining @ 100-300 tonnes per day. 	Start Up: Mar. 1996 Ongoing	Ed McArdle
<i>Mr. Fern Lambert, P.Eng. Mine Manager, Cluff Lake Mine</i>				
XIV. KINROSS GOLD CORPORATION P.O. Box 4700 QUESNEL, British Columbia V2J 3J9 Phone (604) 526-4752	1. QR Mine Project Quesnel, British Columbia	<ul style="list-style-type: none"> ▪ Mobilize, set up surface plant and collar 4 x 5m decline; ▪ Drive approximately 400 metres of decline from surface; ▪ Drive approximately 600 metres of drift and x-cut to obtain bulk sample; ▪ Drive 65m vent raise to surface. 	Start Up: June 1996 Ongoing	Alan House
<i>Mr. Tom Colbourne, P.Eng. Mine Superintendent/Chief Engineer</i>				
XV. WESTMIN RESOURCES LIMITED Myra Falls Operations P.O. Box 8000 CAMPBELL RIVER, B. C. V9W 5E2 Phone (604) 287-9271	1. Lynx Mine Project Campbell River, B.C.	<ul style="list-style-type: none"> ▪ Drift rehabilitation and timbering old workings. 	Start Up: Feb. 1996 Completion: May 1996	Dick Tilden
<i>Mr. Ken Reipas Mine Superintendent</i>				
XVI. LOKI GOLD CORPORATION 800 - 900 West Hastings Street VANCOUVER, British Columbia V6C 1E5 Phone (604) 684-8123	1. Brewery Creek Project Dawson City, Yukon	<ul style="list-style-type: none"> ▪ 13.6 km Access Road construction. 	Start Up: June 1995 Ongoing	Bob Maxwell
XVII. TVX GOLD Box 451 SNOW LAKE, Manitoba R0B 1M0 Phone (204) 358-2927	1. New Britannia Mine Snow Lake, Manitoba	<ul style="list-style-type: none"> ▪ Provide millwrights and construction labour for various maintenance and installations. 	Start Up: Feb. 1995 Ongoing	

MAJOR PROJECTS UNDERTAKEN IN THE FIVE YEARS PRIOR TO THE FORMATION OF PROCON
By The Management and Principals of
PROCON MINING AND TUNNELLING LTD.

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>I. CAMECO (SMDC)</p> <p>2121 - 11th Street, West P.O. Box 2070 Saskatoon, Saskatchewan S7M 1J3 Phone (306) 956-6200</p> <p>Mr. Moe Lindsay Vice President and General Manager</p> <p>Mr. Kesari Reddy, Mine Manager</p> <p>Mr. Mike Babcock Vice President, Mining</p>	<p>1. Star Lake Project La Ronge Area, Northern Saskatchewan - <i>Mine Development and Production</i></p>	<ul style="list-style-type: none"> ■ Driving of approximately 850 m of 3.0 m x 4.0 m decline at -15% grade; ■ Driving approximately 560 m of 2.4 x 3.4 m level drift; ■ Driving approximately 225 m of 1.5 x 1.5 m open raise; ■ Driving approximately 200 m of 1.5 x 1.5 m alimak raise; ■ Mining of approximately 150,000 tonnes of gold bearing ore by longhole and shrinkage methods; ■ Drilling of approximately 7,500 m of BQ exploration and outline diamond drill hole from underground; ■ Ground is quite competent, required minimal support by 6 ft. rockbolts; ■ Ground water inflows average 30 gpm. 	<p>Start Up: May 1, 1986</p>	<p>Tom Maule Joe Kennedy Greg Kirkwood</p>
	<p>2. Rush Lake Project La Ronge Area Northern Saskatchewan - <i>Mine Development and Production</i></p>	<ul style="list-style-type: none"> ■ Driving of approximately 275 m of 3.0 m x 4.0 m decline @ -15% grade; ■ Driving of approximately 145m of 2.4 m x 3.0 m drift; ■ Driving of approximately 42 m of 1.2 m x 2.1 m slusher subdrift; ■ Driving of approximately 109 m of 1.8 m x 1.8 m open raise; ■ Mining of approximately 11,000 tonnes of ore by shrinkage stoping methods including delivery of ore to surface stockpile. 	<p>Start Up: March 1988</p> <p>Completed: Aug.1988</p>	<p>Greg Kirkwood</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
I. CAMECO (SMDC) (Cont'd)	3. Fork Lake Project La Ronge Area Northern Saskatchewan <i>- Contract Mining and Related Development</i>	<ul style="list-style-type: none"> ■ Mobilize complete mining plant, camp and equipment for production phase; ■ Setup, dewater decline and associated workings from previous program; ■ Drive approximately 300 metres of 3.2 x 4.5 metre decline to open up the bottom level (approx. 1,200 metres to portal); ■ Drive approx. 2,000 metres of various sized level development averaging from 1.8 x 2.0 m to 3.0 x 3.0 m on four levels; ■ Drive approx. 630 metres of 1.5 x 1.5 m open raise on ore (stope raises); ■ Drive approx. 175 metres of 2.4 x 2.4 m alimak raise and install manway throughout for ventilation and escapeway; ■ Drive approx. 70 metres of 1.8 x 1.8 m borehole raise; ■ Mine approx. 160,000 tonnes or ore from four levels by shrinkage methods, haul same to surface to supply mill at a milling rate of 230 tonnes per day; ■ Diamond drill for exploration and ore definition approx. 5,000 metres of BQ core; ■ Provide all supervision, mechanical and support personnel for the contract term; ■ Provide all surface and underground mining and support plant for the two year term as well as short term equipment for special or extra projects on an <i>'as required'</i> basis. 	Start Up: March 1990 Completion Scheduled: March 1992	Jack Cassidy

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
I. CAMECO (SMDC) (Cont'd)	<p>4. Amisk Lake Project Flin Flon Area Northern Saskatchewan <i>- Mine Development</i></p> <p>5. Fork Lake Project La Ronge Area Northern Saskatchewan <i>- Mine Development</i></p>	<ul style="list-style-type: none"> ■ Mobilizing complete mining plant, camp and equipment by barge across Amisk Lake, set up facilities and collar decline; ■ Driving approximately 700 m of 3.0 m x 4.0 m decline @ -15% grade; ■ Excavating approximately 600 m of 3.0 m x 3.0 m and 1.8 m x 2.4 m level drift on two levels; ■ Drilling approximately 2,100 m of BQ exploration drillholes. <ul style="list-style-type: none"> ■ Mobilizing complete mining plant, camp and equipment north of La Ronge to Fork Lake project site; ■ Drive approximately 910 m of 3.0 x 4.0 m decline at -15% grade; ■ Drive approximately 750 m of access and ore development drift off decline on three levels; ■ Drive approximately 280 m of 1.6 x 2.0 m open raise in ore off three levels; ■ Drilling approximately 1,300 m of BQ exploration drillholes. 	<p>Start Up: June 1988</p> <p>Completed: Oct. 1988</p> <p>Start Up: July 1988</p> <p>Completed: Dec. 1988</p>	<p>Joe Kennedy</p> <p>Tom Maule</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>II. PLACER DEVELOPMENT LTD.</p> <p>Suite 1600 1055 Dunsmuir Street Vancouver, B.C. V7X 1P1 Phone: (604) 682-7082</p> <p>Mr. E. T. Kimura, Project Manager</p> <p>Mr. W. A. Triggs, Vice President, Project Development</p>	<p>1. Seabee Project La Ronge Area Northern Saskatchewan <i>- Mine Development</i></p>	<ul style="list-style-type: none"> ■ Driving approximately 935 m of 3.5 m x 4.0 m decline; ■ Excavation of approximately 180 m of 3.5 m x 3.5 m diamond drill station, sumps and other related development; ■ Driving of approximately 95 m of 2.0 m x 2.0 m ventilation raise; ■ Ground condition was competent and minimal support required by rockbolts; ■ Ground water inflow, up to 300 gpm; ■ Mobilized complete camp, surface and underground mining plant, equipment and supplies by helicopter. 	<p>Start Up: April 1987</p> <p>Completed: Nov. 1987</p>	<p>Joe Kennedy Tom Maule</p>
<p>III. CLAUDE RESOURCES INC.</p> <p>210, 224-4th Avenue South Saskatoon, Saskatchewan S7K 5M5 Phone: (306) 653-6150</p> <p>Mr. R. Byron Henderson President</p>	<p>1. Seabee Project Laonil Lake, Sask. <i>- Contract Mining and Related Development</i></p>	<ul style="list-style-type: none"> ■ Excavate 1,310 metres of 4 x 5 metre decline; ■ excavate 3,000 metres of drifts; ■ excavate 1,440 metres of raises ■ mine approximately 250,000 tonnes of ore nine levels by shrinkage methods, haul same to surface to supply mill rate of 400 tonnes per day; ■ provide all supervision, mechanical support personnel for the contract term; ■ provide all surface and underground mining and support plant for the three year term. 	<p>Start Date: March 1991</p>	<p>Ray Gagnon</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>IV. CORONA CORPORATION</p> <p>(Dolphin Exploration Ltd.) Suite 1900 120 Adelaide Street, Wests Toronto, Ontario M5H 1T1 Phone: (416) 862-2000</p>	<p>1. Cape Ray Project Cape Ray, Nfld. (Dolphin Explorations Ltd.) - Mine Development</p>	<ul style="list-style-type: none"> ■ Takeover from another Contractor; 2,000 ft. of decline and crosscuts; Mine bulk sample. 	<p>Start Up: Aug. 1987</p> <p>Completed: Nov. 1987</p>	<p>Roy Decker</p>
<p>Mr. John Thompson, Vice President</p>	<p>2. Cape Ray Project - Mine Development</p>	<ul style="list-style-type: none"> ■ Execute 700 ft. of decline and drifts; ■ Drive 3,000 ft. of open raise ■ Test mining of 15,000 tons of ore. 	<p>Start Up: June 1989</p> <p>Completion: Oct. 1989</p>	<p>Jack Cassidy</p>
<p>(Mahogany Minerals Resources Inc.) 309-229 Fourth Ave., South Saskatoon, Saskatchewan S7K 4K3 Phone: (306) 244-4077</p> <p>Mr. George Muscroft, Project Manager</p>	<p>3. Jolu Project - Phase I La Ronge Area Northern Saskatchewan - Mine Development</p>	<ul style="list-style-type: none"> ■ Drive approximately 860 m of decline and related development; ■ Excavate approximately 700 m of drill drift and sublevel development; ■ Drive 80 m of alimak raise; ■ Drive 230 m of open raise and escape manway; ■ Ground condition is competent and requires minimal support; ■ Ground water inflow less than 30 gpm. 	<p>Start Up: Jan. 1987</p> <p>Completed: Oct. 1987</p>	<p>Ray Gagnon</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>IV. CORONA CORPORATION (Cont'd)</p> <p>(Royex Gold Mining Corporation) 1900-120 Adelaide St., West Toronto, Ontario M5H 1T1 Phone: (416) 862-2000</p> <p>Mr. Rob McCallum, P.Eng. Vice President, Operations</p>	<p>4. Jolu Project - Phase II La Ronge Area - <i>Mine Development</i></p> <p>5. Jolu Project - Phase III La Ronge Area - <i>Mine Production</i></p>	<ul style="list-style-type: none"> ■ Extend decline a further 1,100 metres; ■ Drive approximately 2,000 m of average 2.4 m x 2.4 m stope development on three levels; ■ Drive approximately 400 m of average 1.5 m x 1.5 m stope raise; ■ Drive 170 m of 2.4 m x 3.0 m alimak ventilation raise to surface and timber same; ■ Mine by shrinkage method a 21,000 tonne test stope. ■ Three year development and mining program, involving complete underground operation; ■ Approximately 2,000 lineal metres of mine development and stope preparation, headings, including stope drifts, extraction drifts, drawpoints, raises and level drift; ■ Mining approximately 350,000 tonnes of ore by shrinkage methods from 13 stopes, including haulage to surface and delivery to mill. 	<p>Start Up: Nov. 1987</p> <p>Completed: April 1988</p> <p>Start Up: May 1988</p> <p>Completion: May 1991</p>	<p>Ray Gagnon</p> <p>Ray Gagnon</p>
<p>(Mascot Gold Mines Limited) Suite 1440 800 West Hastings Street Vancouver, B.C. V6C 2V6 Phone: (604) 689-5453</p> <p>Mr. John Lovering, Mine Manager</p>	<p>6. Nickel Plate Project-Phase I Hedley, B.C. - <i>Mine Development</i></p>	<ul style="list-style-type: none"> ■ Excavate approximately 1,950 ft. of 11 ft. x 9 ft. adit; ■ Drive 2,000 ft. of miscellaneous crosscutting and sublevel work; ■ Mine 400 tons for bulk sample; ■ Excavate 500 ft. of alimak and open raise; ■ Rehabilitation of shaft. 	<p>Start Up: Dec. 1987</p> <p>Completed: June 1988</p>	<p>Ron Koebel</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
IV. CORONA CORPORATION (Cont'd)				
Mr. Brian Buckley, P. Eng. Project Engineer Mr. Gary Raymond Senior Mining Engineer	7. Nickel Plate Project-Phase II Hedley, B.C. <i>- Mine Development and Production</i>	<ul style="list-style-type: none"> ■ Mobilize, setup, collar new decline; ■ Excavate approximately 3,500 ft. of 10 ft. x 14 ft. ramp at -15%; ■ Excavate approximately 600 ft. of stope access and scam drift; ■ Drive approximately 1,200 ft. of orepass, manway and stope pilot raise; ■ Mine by open slusher stope, and deliver to surface approximately 20,000 tons of ore from a test stope; ■ Mine by jumbo slashing approximately 20,000 tons of ore. 	Start Up: July 1988 Completed: May 1989	Ron Koebel
Mr. Allan Bellamy Mine Superintendent	8. Nickel Plate Project Hedley, B.C. <i>- Ground Stabilization & Stope Backfill</i>	<ul style="list-style-type: none"> ■ Scale and rockbolt open pit breakthrough into existing underground workings, so filling can be completed safely from pit (by dozing muck into old stopes). 	Start Up: Oct. 1989 Completion: Nov. 1989	Dave Stark
	9. Bralorne Property Gold Bridge, B.C. <i>- Mine Development</i>	<ul style="list-style-type: none"> ■ Driving approximately 4,000 ft. of 8 ft. x 8 ft. track drift; ■ Good ground, minimal rockbolting required. 	Start Up: May 1984 Completed: Aug. 1984	Roy Decker

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>V. GEDDES RESOURCES LIMITED</p> <p>Suite 1604 7 King Street, East Toronto, Ontario M5C 1A2 Phone: (416) 363-1135</p> <p>Mr. Doug Little, P.Eng. President and CEO Suite 1080 1055 West Hastings Street Vancouver, B.C. V6E 2E9 Phone: (604) 682-2392</p>	<p>1. Windy Craggy Project Tats Lake Area Northern B.C. <i>- Mine Development</i></p>	<ul style="list-style-type: none"> ■ Driving of approximately 10,000 ft. of track drift in underground workings; ■ Ground conditions fair to bad; ■ Mobilize complete camp, surface and underground mining plant, equipment and supplies by fixed wing (Cariboo) aircraft to nearby airstrip; ■ Construct and maintain eight miles of road over glacier from camp to portal site. 	<p>Start Up: March 1987</p> <p>Completed: Dec. 1988</p>	<p>Red Heine</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>VI. COMINCO LIMITED</p> <p>400-1200 West 73rd Avenue Vancouver, B.C. V6P 6G5 Phone: (604) 266-1471</p> <p>Mr. Peter R. Jones, P.Eng. Sr.Mining Engineer</p>	<p>1. Snip Project Iskut River Area Northern B.C. <i>- Mine Development</i></p> <p>2. Snip Project Iskut River Area <i>- Raising</i></p> <p>3. Snip Project Iskut River Area <i>- Mine Development</i></p>	<ul style="list-style-type: none"> ■ Excavate approximately 1,800 m of 2.7 m x 4.0 m adit on two levels (including two portals); ■ Excavate approximately 400 m of 2.7 m x 2.7 m crosscut for drilling and sampling purposes; ■ Excavate approximately 80 m of 1.5 m x 1.5 m open raise in orezone; ■ Mobilizing involved moving of complete mining plant and supplies by barge from Vancouver to Wrangell, Alaska then flying same by fixed wing aircraft to site. ■ Excavate approximately 210 m of 2 m x 2 m alimak raise; ■ Drive 50 m of 1.8 m x 1.8 m open raise. ■ Excavate approximately 1,400 m of 2.7 m x 4.3 m ramp at a 15% gradient; ■ Excavate approximately 1,600 m of 2.7 x 4.3 lateral development; ■ Drive 600 m of 1.5 m x 2.1 m open raising. 	<p>Start Up: Feb. 1988</p> <p>Completed: Nov. 1988</p> <p>Start Up: Oct. 1988</p> <p>Completed: March 1988</p> <p>Start Up: Nov. 1988</p> <p>Completed: Sept. 1989</p>	<p>Tom Maule Ed McArdle</p> <p>Tom Maule</p> <p>Tom Maule Ed McArdle Dave Stark</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT		WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>VII. UNITED KENO HILL MINES LIMITED</p> <p>P.O. Box 40 Commerce Court West Toronto, Ontario M5L 1B4 Phone: (416) 863-7000</p> <p>Mr. C. Cowan, President</p> <p>Mr. C.R. Thomas, Chief Mine Engineer Elsa, Yukon Territory Phone: (403) 995-2467</p> <p>Mr. T.P. Riordon, Mine Manager Phone: (403) 995-2600</p>	<p>1. Bellkeno Project Elsa, Y.Territory <i>- Mine Development</i></p> <p>2. Silver King Project Elsa, Y.Territory <i>- Mine Development</i></p> <p>3. Husky Southwest Shaft Elsa, Y.Territory <i>- Mine Development & Shaft Sinking</i></p>	<p>\$ 1.6 Million (Unit Price)</p>	<ul style="list-style-type: none"> ■ Excavate 36,800 cu. ft. of underground shop, dump station, scoop turnaround; ■ Drive 2,000 ft. of 12 ft. x 10 ft. ramp; ■ Drive 475 ft. of raises and boxholes; ■ Excavate approximately 350 ft. of level development; ■ Ground conditions are fair to poor; ■ Ground water inflow less than 100 gpm. <ul style="list-style-type: none"> ■ Excavate approximately 1,500 ft. of decline; ■ Excavate approximately 28,000 cu. ft. of level slashing; ■ Drive approximately 130 ft. of raises; ■ Ground conditions are fair to poor; ■ Ground water inflow is less than 100 gpm. <ul style="list-style-type: none"> ■ Excavate and pour footings, erect headframe and shaft house; ■ Sink and equip approximately 670 ft. of 10 ft. x 16 ft. two compartment shaft; ■ Excavate approximately 700 ft. of drift, sumps and other related development; ■ Drive approximately 90 ft. of orepass/wastepass; ■ Ground conditions fair to poor; ■ Ground water inflow to 500 gpm. 	<p>Start Up: Feb. 1987</p> <p>Completed: Aug. 1987</p> <p>Start Up: May 1987</p> <p>Completed: Aug. 1987</p> <p>Start Up: Sept. 1987</p> <p>Completed: Dec. 1988</p>	<p>Ron Koebel</p> <p>Ron Koebel</p> <p>Anson Smith</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>VIII. GRANGES EXPLORATION LTD.</p> <p>2300-885 West Georgia St. Vancouver, B.C. V6C 3E8 Phone: (604) 687-2381 Mr. Cal Mark Project Manager</p>	<p>1. Windflower Project Camborne, B.C. - Mine Development</p>	<ul style="list-style-type: none"> ■ Excavate approximately 1,800 ft. of 11 ft. x 14 ft. decline at -15% gradient; ■ Excavate approximately 1,500 ft. of 9 ft. x 10 ft. stope undercut drifts and access crosscuts off ramp; ■ Drive approximately 400 ft. of 5 ft. x 7 ft. open raises to test orezone; ■ Operate and maintain camp, site access roads and transport bulk sample to prospective mill site. 	<p>Start Up: Dec. 1987</p> <p>Completed: June 1988</p>	<p>Tom Maule Joe Kennedy</p>
<p>IX. DOLLY VARDEN MINERALS INC.</p> <p>6th Floor 45 Charles Street, East Toronto, Ontario M4Y 1S2 Phone: (416) 968-7384</p> <p>Mr. W.F. Christensen, President</p>	<p>1. Kitsault Project Alice Arm, B.C. - Mine Development</p>	<ul style="list-style-type: none"> ■ Drive approximately 1,850 ft. of 9 ft. x 14 ft. adit; Ground conditions fair to competent; ■ Ground water inflow less than 30 gpm; ■ Mobilize complete camp, mining plant (both surface and underground), equipment and supplies by barge; ■ Service site by fixed wing aircraft for its duration. 	<p>Start Up: July 1987</p> <p>Completed: Oct. 1987</p>	<p>Ed McArdle</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>X. ECHO BAY MINES LTD.</p> <p>554-200 Granville St. Vancouver, B.C. V6C 1S4 Phone: (604) 640-6800</p> <p>Mr. Ken Carter, Director of Explorations</p>	<p>1. Doc Project Stewart Mining Area Northern B.C. - <i>Mine Development</i></p>	<ul style="list-style-type: none"> ■ Rehabilitation of portal and existing adit; ■ Development of approximately 800 ft. of 8 ft. x 10 ft. adit as an extension to existing workings. 	<p>Start Up: Oct. 1988</p> <p>Completed: Nov. 1988</p>	<p>Dave Stark</p>
<p>XI. GIANT BAY RESOURCES LTD.</p> <p>Suite 430 Discovery Park Burnaby, B.C. V5G 4M1 Phone: (604) 434-6344</p> <p>Mr. Robert Handfield, Vice President</p>	<p>1. Gordon Lake Project - Phase I Yellowknife, NWT - <i>Mine Development</i></p>	<ul style="list-style-type: none"> ■ Driving of approximately 490 m of 2.7 m x 4.0 m decline ramp from surface at -12% grade; ■ Driving of approximately 185 m of 2.7 m x 4.0 m level drift; ■ Driving of approximately 170 m of 1.5 m x 1.5 m open raise; ■ Ground is very competent requiring no support; ■ Ground water inflows are minimal averaging less than 15 gpm; ■ Mobilize complete surface and underground mining plant and equipment over ice road from Yellowknife; ■ Service project by fixed wing aircraft. 	<p>Start Up: May 1986</p> <p>Completed: Aug. 1986</p>	<p>Roy Decker Mike Toews</p>
	<p>2. Gordon Lake Project - Phase II Yellowknife, NWT - <i>Mine Development</i></p>	<ul style="list-style-type: none"> ■ Driving of approximately 400 ft. of 8 ft. x 5 ft. subdrift; ■ Excavation of approximately 750 ft. of open raise; ■ Crushing by portable crusher in bulk sample; ■ Ground conditions are competent with minimal support; ■ Ground water inflows less than 30 gpm. 	<p>Start Up: June 1987</p> <p>Completed: Aug. 1987</p>	<p>Roy Decker</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>XII. ARMENO RESOURCES INC.</p> <p>Suite 2600 1177 West Hastings St. Vancouver, B.C. V6E 3Y3 Phone: (604) 681-1519</p> <p>Mr. R. Espinoza, Project Manager</p> <p>Mr. Setrak Kallpakian, President</p>	<p>1. Standard Creek Bralorne Area B.C. <i>- Mine Development</i></p>	<ul style="list-style-type: none"> ■ Rehab existing workings; ■ Drive approximately 500 ft. of ramp; ■ Drive 600 ft. of level drift; ■ Excavate 300 ft. of open raise 5 ft. x 5 ft. ■ Ground conditions were competent; ■ Ground water inflow is less than 30 gpm; ■ Mobilize mining plant and equipment by helicopter and service project by same for its duration. 	<p>Start Up: Aug. 1987</p> <p>Completed: Dec. 1987</p>	<p>Jack Cassidy</p>
<p>XIII. SEREM, INC.</p> <p>2100-1055 West Georgia St. Vancouver, B.C. V6E 3R5 Phone: (604) 688-2321</p> <p>Mr. Peter Tegart</p>	<p>1. Lawyers Property Toodoggone Area Northern B.C. <i>- Mine Development</i></p>	<ul style="list-style-type: none"> ■ Driving of approximately 2,400 ft. of 9 ft. x 13 ft. adit and drift; ■ Driving of approximately 700 ft. of 5 ft. x 5 ft. raise; ■ Ground required some rockbolting and timber sets at portal; ■ Ground water inflows were minimal. 	<p>Start Up: July 1985</p> <p>Completed: Oct. 1985</p>	<p>J. Cossarini</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>XIV. CHENI GOLD MINES INC.</p> <p>2101-1055 West Georgia St. Vancouver, B.C. V6E 3R5 Phone: (604) 688-2321</p> <p>Mr. Vernon Smith, P.Eng. Project Manager</p>	<p>1. Lawyers Property Toodoggone Area Northern B.C. - <i>Mine Development</i></p>	<ul style="list-style-type: none"> ■ Driving of approximately 3,600 ft. of 11 ft. x 9 ft. adit, miscellaneous scaling; ■ Operate and maintain surface plant; ■ Prepare site for waste and ore dump; 	<p>Start Up: Oct. 1987</p> <p>Completed: April 1988</p>	<p>Jack Cassidy</p>
<p>XV. ESPERANZA EXPLORATION LTD.</p> <p>675 West Hastings St. Vancouver, B.C. V6B 1N2 Phone: (604) 687-1658</p> <p>Mr. John Brock, President</p>	<p>1. Tillicum Mtn. Burton, B.C. - <i>Mine Development</i></p>	<ul style="list-style-type: none"> ■ Bulk sample approximately 1,000 tons of ore by shrinkage stoping; ■ Excavate 1,800 ft. of adit and related development; ■ Drive approximately 400 ft. of orepass raise; ■ Ground conditions are very competent with minimal support; ■ Ground water inflow less than 30 gpm; ■ Set up camp, service site, maintain roadways and haul ore two miles down mountain to proposed millsite. 	<p>Start Up: May 1987</p> <p>Completed: Aug. 1987</p>	<p>Jack Cassidy</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
XVI. WESTMIN RESOURCES LIMITED 904-1055 Dunsmuir St. Vancouver, B.C. V7X 1C4 Phone: (604) 681-2253 Mr. Gord Montgomery	1. Thelwood Tunnel Myra Falls, Vancouver Island - <i>Penstock Tunnel</i>	<ul style="list-style-type: none"> ■ Excavated 2,400 ft. of 8 ft. x 9 ft. penstock tunnel at 11% grade; ■ Ground was competent, required minimal rockbolting; ■ Tunnel was shotcreted throughout with fibre shotcrete; average two inches thick. 	Start Up: June 1984 Completed: Nov. 1984	J. Cossarini
Mr. Brian Bailey Phone: (604) 287-9271	2. H-W Mine Myra Falls, Vancouver Island - <i>Mine Development</i>	<ul style="list-style-type: none"> ■ Excavated approximately 20,000 ft. of 10 ft. x 13 ft. equivalent heading consisting of ramp, drift, and alimak raise; ■ Ground varied from reasonable to very poor, requiring all types of ground support. 	Start Up: March 1984 Completed: Dec. 1984	Jim Dales
Mr. Denis Gregoire, Mine Manager Mr. Dave Cawood Phone: (604) 636-2206	1. SB Project Near Premier Gold Mine - <i>Contract Mining and related Development</i>	<ul style="list-style-type: none"> ■ Excavate 1,400 metres of 3.5 x 3.5 metre decline and level development; ■ Excavate 210 metres of Alimak Raise; ■ Mine approximately 100,000 tonnes of ore by longhole methods; ■ Haul broken ore to surface stockpile for milling at Premier mill; ■ Haul approximately 65,000 tonnes of waste rock underground for filling longhole stopes. 	Start Date: May 1991 Completion: Nov. 1991	Jack Cassidy

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>XVII. B.C. RAILWAY CO.</p> <p>1350 West First St. North Vancouver, B.C. V7P 1A7 Phone: (604) 986-2012</p> <p>Mr. V.W. Shtenko</p>	<p>1. Northwest Coal Development Chetwynd Area, B.C. <i>- Railway Tunnels</i></p>	<ul style="list-style-type: none"> ■ Excavated 2,400 ft. of 18 ft. x 28 ft. railway tunnel using top heading and benching methods; ■ Ground was fair to poor, required six inch fibre shotcrete, 8 ft. epoxy bolts, wire mesh throughout. 	<p>Start Up: April 1982</p> <p>Completed: Dec. 1982</p>	<p>Jim Dales</p>
<p>XVIII. B.C. HYDRO</p> <p>555 West Hastings St. Vancouver, B.C. V6B 4T6 Phone: (604) 663-3938</p> <p>Mr. Doug Baxter Mr. Dennis Moore</p>	<p>1. Exploration Test Tunnels and Diamond Drilling Stikine Iskut Area Site Z & Tanzilla</p>	<ul style="list-style-type: none"> ■ Excavated approximately 2,400 ft. of 8 ft. x 8 ft. test tunnel plus underground drilling; ■ Ground was normally good requiring only 6 ft. bolts and mesh in places; ■ Drilled 8 ft. rounds with longtom jumbo - mucked out with 1 yd. scooptram. 	<p>3 Months 1982</p>	<p>Jim Dales</p>
	<p>2. Exploration Test Tunnels and Diamond Drilling Stikine Iskut Area Site Z</p>	<ul style="list-style-type: none"> ■ Excavated approximately 1,400 ft. of 8 ft. x 8 ft. test tunnel plus underground diamond drilling; ■ Ground good; required rockbolts and mesh occasionally; ■ Drilled 8 ft. rounds with longtom jumbo; mucked out with 1 yd. scooptram. 	<p>2 Months</p>	<p>Jim Dales</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>XIX. CANRON INC.</p> <p>145 West First Ave. Vancouver, B.C. V5Y 1A1 Phone: (604) 874-2311</p> <p>Mr. Wayne Norman, Project Manager</p>	<p>1. Subcontract for B.C. Hydro at Mica Dam Powerhouse</p>	<ul style="list-style-type: none"> ■ Drill, install and pull test resin grouted anchors in upper wall of powerhouse to anchor columns. 	<p>1 Month July-Aug.'89</p>	<p>Anson Smith</p>
<p>XX. ALCAN SMELTERS AND CHEMICALS LIMITED</p> <p>1285 West Pender St. Vancouver, B.C. V6E 4B1 Phone: (604) 631-4000</p> <p>Mr. P.R. Wolfe, Project Director</p>	<p>1. Horetzky Adit Kemano Completion Project <i>- (Extension to Hydro Generating Facilities)</i></p>	<ul style="list-style-type: none"> ■ Mobilize by barge, setup, collar, and support portal; ■ Excavate approximately 1,200 m of 7.0 m x 6.9 m heading for access to power tunnel; ■ Install ground support as required, including steel arches, rockbolts, rock anchors, welded wire fabric and steel straps; ■ Apply 50 and 100 mm layers of fibre reinforced shotcrete as required ($\pm 7,000 \text{ m}^2$); ■ Install extensometers and conduct seismograph readings. 	<p>5 Months Sept. 1989 - Jan. 1990</p>	<p>Tom Maule Ron Koebel</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>XXI. COMMONWEALTH GOLD CORPORATION Suite 525, 890 West Pender Street Vancouver, B. C. V6C 1J9 Phone: (604) 683-0312</p> <p>Mr. Cal Mark, Project Manager</p>	<p>1. Top Project Monashee Pass Area Near Lumby, B.C. - <i>Underground Exploration</i></p>	<ul style="list-style-type: none"> ■ Excavate portal for 3 x 3 metre decline; ■ drive approximately 100 metres of decline @ - 15%; ■ drive 15 metres of 2.5 x 2.5 metre drift on ore; ■ excavate 6 metres of 2 x 2 metre boxhole for bulk sample. 	<p>Start Date: Sept. 1990</p> <p>Completed: Oct. 1990</p>	<p>Dave Stark</p>
<p>XXII. CASSIAR MINING CORPORATION</p> <p>2000 - 1055 West Hastings Street Vancouver, British Columbia V6E 3V3 Phone: (604) 688-2511</p> <p>Mr. Tim Carew, P.Eng., Chief Mining Engineer</p>	<p>1. McDame Project</p>	<ul style="list-style-type: none"> ■ Raisebore 1 - 3.2 metre diameter ventilation raise -52 m long - vertical; ■ raisebore 2 - 1.5 metre diameter orepasses for a total of 76 metres in soft ground (serpentinite); ■ steel line the orepasses with 1/4" liner and concrete backfill; ■ shotcrete and install cement grouted bolts throughout the vent raise; ■ rehabilitate and shotcrete escapeway raise. 	<p>Start Date: May 1990</p> <p>Completion: Nov. 1990</p>	<p>Anson Smith (Constr.)</p> <p>Rick Mundy (Raiseboring)</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>XXIII. PCL/MK Joint Venture c/o PCL Civil Constructors Inc.</p> <p>5400 - 99th Street Edmonton, Alberta T6E 3P4 Phone: (403) 438-2127</p> <p>Mr. Dale Anderson, Vice President</p>	<p>1. Kemano Completion Project <i>- Powerhouse Excavation</i></p>	<p>To provide equipment, labour and supervision to the joint venture:</p> <ul style="list-style-type: none"> ■ mobilize by barge - setup; ■ excavate some 62,000 cubic metres of rock from the powerhouse and transformer chambers, including penstock stub tunnels, pipe tunnel, low voltage tunnel, transformer access tunnel, air supply tunnel and tailrace tunnel sections; ■ drilling of some 1,300 metres of probe holes, exploratory holes and drainage holes; ■ installation of approx. 2,500 tensioned and untensioned rockbolts of various diameters and lengths; ■ installation of instrumentation for monitoring ground movement; ■ installation of approx. 3,000 m² of shotcrete in varying thicknesses from 50 mm to 100 mm. 	<p>10 Months: Aug. 1990 - May 1991</p>	<p>Tom Maule Ron Koebel Wolf Kuehne</p>
	<p>2. Kemano Completion Project <i>- Penstock Excavation</i></p>	<p>To provide equipment, labour and supervision to the joint venture.</p>	<p>11 Months: Feb. 1991 - Dec. 1991</p>	<p>Gerry Ham</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>XXIV. PRIME EXPLORATIONS LTD.</p> <p>1100-808 West Hastings Street Vancouver, British Columbia V6C 2X4 Phone: (604) 687-7463</p> <p>Mr. John Ivany, President</p>	<p>1. Eskay Creek Project - (<i>Eskay Creek Area</i> <i>North of Stewart, B.C.</i>)</p>	<ul style="list-style-type: none"> ■ Mobilize complete mining plant and equipment by Sicorsky S-64 Skycrane (approx. 1 million lbs.); ■ assemble equipment, build site roads, setup plant and collar decline; ■ drive approx. 1,200 metres of 3 x 4.6 m declines @ -15% gradient; ■ drive approx. 200 metres of 3 x 4 m access drift on two levels to obtain bulk sample; ■ quarry and haul approx. 3,600 m³ of surface rock to build roads and pads for bulk sample; ■ provide engineering support and surveying for the project. 	<p>5 Months: Start Date: July 1990</p> <p>Completion: June 1991</p>	<p>Joe Kennedy Tom Maule Dave Stark</p>
<p>XXV. GOLD RIDGE RESOURCES INC.</p> <p>2104-1450 West Georgia St. Vancouver, B. C. V6G 2T8 Phone: (604) 685-6827</p> <p>Mr. Len Fanning, Project Manager</p>	<p>1. Wingdam Placer Project Wingdam, B.C. - <i>Underground Placer</i> <i>Development and</i> <i>Test Mining</i></p>	<ul style="list-style-type: none"> ■ Dewater existing workings and ore bearing gravels; ■ collar decline; ■ excavate 350 metres of 3 x 4 metre decline; ■ excavate 30 metres of 3 x 3.5 metre haulage drift; ■ excavate 20 metres of extraction crosscut - latter 15 metres in gravels; ■ fully support gravel excavation and extract gold at bedrock level. 	<p>Start Date: Oct. 1990</p>	<p>Dave Stark</p>

OWNER'S NAME AND REFERENCE CONTACT	NAME AND NATURE OF PROJECT	WORK DESCRIPTION	STARTUP & COMPLTN DATES	PROJECT MANAGER AND ASSISTANTS
<p>XXVI. BETHLEHEM RESOURCES CORPORATION</p> <p>700-815 W. Hastings St. Vancouver, B. C. V6C 1B4 Phone: (604) 687-7444</p> <p>Mr. Henry G. Ewanchuk President and C.E.O.</p>	<p>1. Goldstream Project Revelstoke, B.C. - <i>Contract Mining and Related Development</i></p>	<ul style="list-style-type: none"> ■ Development of workings and the eventual mining of approximately 1.9 million tonnes at an average rate of 1,100 tonnes per day utilizing various mining methods. 	<p>Start Date: March 1991</p>	<p>Joe Kennedy Anson Smith</p>
<p>XXVII. SNC/ACRES</p> <p>2, Place Felix - Martin Montreal, Qyebec H2Z 1Z3 Phone: (514)866-1000</p> <p>Mr. Peter Langlais Project Manager, Power & Heavy Civil Works</p>	<p>1. Chamera Power Project INDIA</p>	<ul style="list-style-type: none"> ■ Supervision of excavation and rehabilitation of power tunnel plus surge shaft and penstock. 	<p>Start Date: March 1991</p>	<p>Ernie Yuskiw, P.Eng.</p>