Strongbow Resources Spill Response Plan

Spill Response Plan

A spill is classified as the discharge of petroleum products or other dangerous substances into the environment. Potential hazards created by the spill for humans, vegetation, water resources, fish and wildlife vary in severity, depending on several factors, including nature of the material, quantity spilled, location and season. The general response to be followed in the event of a spill is:

Identify the product - check container design, warning labels, markings, etc.
Protect people - prevent personnel from approaching the site and keep them at a distance sufficiently removed that they will not be injured by, or cause, a fire or explosion
Stop the flow at the source - reduce or terminate the flow of product without endangering anyone
Assess the seriousness of the spill - evaluate potential dangers of the spill to human health and safety, the aquatic environment, wildlife, ground water, vegetation and other land resources
Report the spill - provide basic information such as location of spill, name of polluter, type and amount of material spilled, date and time of the spill and any perceived threat to human health or the environment (complete NWT Spill Report form)
Clean up the spill - follow procedures appropriate for the location, environment, and material and time of year

24-Hour Spill Report Line (867) 920-8130 or fax (867) 920-8127
DIAND Water Resources Inspector (867) 979-4405

Detailed Response Plan

(a) *On-site person in charge, management or control of contaminants*

Ken Armstrong; Strongbow Resources. (403-997-2797 camp phone)

(b) *Name and address of employer of personnel described in part (a)*

Strongbow Resources.
1300-409 Granville Street
Vancouver, BC
V6C 1T2
phone: (604) 608-1282
fax: (604) 668-8366

(c) *Description of the facility*

Facility - temporary, 6 to 10 person mineral exploration camp (tents) with above ground fuel storage facility

Locations – Camp likely located on IOL Parcel CO-20 at 66° 50' 0"N / 110° 57' 00" W; Fuel to be stored on naturally vegetation free site located a safe distance from the tents and well away (>100m) from water bodies

Size - fuel stored at above ground facility in sealed 205 litre (45 gal.) steel drums

Storage Capacity – Maximum fuel stored at site will be 25 drums (5125 litres) of Jet-B and diesel combined, plus 2 100lb-propane tanks.

(d) *Description of the type and amount of potential contaminants normally stored on-site*

JET B fuel for the helicopter – 3075 litres (15 drums)
Diesel for the drill and camp - 2050 litres (10 drums)
Propane for cooking, etc. - Two (2) 100 lb. tanks

(e) *Steps to be taken to report, contain, clean up and dispose of a contaminant in the case of a spill*

Preventative Measures

Fuel drums will be monitored for any signs of leakage:

(i) Immediately after they arrive on-site,
(ii) Once they have been transported to the designated storage area, and
(iii) Periodically after that time (i.e. as the stocks are accessed).

Drums will be stored upright on flat stable terrain during the summer to reduce chances of a leak. If available a natural depression situated well away from water bodies will be utilized for storage. The contents of any drum that leaks, or shows the potential to leak, will be transferred by wobble pump to a different drum. With the exception of the container in use, all fuel container outlets will be kept sealed to prevent leakage. On-site equipment (e.g. helicopter) will be refueled at some distance from the main storage facilities to reduce potential damage should a fire occur.

Reporting

(i) Identify the product - check container design, warning labels, markings, etc.
(ii) Protect people - prevent personnel from approaching the site and keep them at a distance sufficiently removed that they will not be injured by, or cause, a fire or explosion
(iii) Stop the flow at the source - reduce or terminate the flow of product without endangering anyone

(iv) Assess the seriousness of the spill - evaluate potential dangers of the spill to human health and safety, the aquatic environment, wildlife, ground water, vegetation and other land resources
(v) Report the spill to the Yellowknife 24-Hour Spill Report Line (867) 920-8130 - provide basic information such as location of spill, direction of motion if any, name of contact on-site, type and amount of material spilled, cause of spill, date and time of the spill and any perceived threat to human health or the environment (complete Spill Report form - attached)
(vi) Report the spill to Stornoways office in Vancouver
(vii) Depending on severity of the spill, report to the other appropriate authorities (i.e. Nunavut Water Board, Department of Fisheries and Oceans; Regional Inuit Association)

Containment

Oil spill containment techniques include:
(i) Earth dams - simple and effective control means for surface and small streams
(ii) Interceptor trenches - control on land and shallow subsurface seepage
(iii) Culvert weirs - not applicable
(iv) Underflow dams - effective in narrow ditch or stream
(v) Net and absorbent barriers - effective in tundra area and slow moving water
(vi) Containment booms - commercial product for large bodies of water
(vii) Space spraying or 'herding' - using a very fine water spray as a means of cleaning vegetation, shorelines, lake surface, etc.
(viii) Absorbent materials - include fine sand, soil or snow; commercial sorbents include sheets, rolls, pillows and booms that can be rapidly deployed with no preparation

Clean up

The most likely spill scenario is the partial loss of petroleum products from one of the 205 l (45 gal.) drums. Drums will be checked on arrival in camp, after transfer to the designated storage facility and periodically thereafter. Contents of any leaking drum will be immediately transferred via wobble pump to an empty, leak free drum. It is unlikely that more than one drum will leak at any time. Any spills will be contained, and pumped into empty barrels.

Disposal

No organic soils are present at the proposed storage site, and if possible, any sands and gravels contaminated by a significant spill of petroleum products will be excavated by hand, incinerated to remove hydrocarbons, and returned to their natural site.

Consultations:

Contingency Planning and Spill Reporting in the NWT - A guide to the new regulations, GNWT, 8pp.

Oil Spill Containment and Clean up Techniques - 22 minute instructional video prepared by NWT Renewable Resources Pollution Control Division, 1988.

Report All Spills - Environment Series, GNWT Renewable Resources, Pollution Control Division, 1988.

Spill Containment and Clean-up Course, GNWT Renewable Resources, Pollution Control Division, 1991, 74pp.

Spill Contingency Planning and Reporting Regulations - Environmental Protection Act - Northwest Territories, July 22, 1993, 11pp.

Spills, Our Record in the Northwest Territories - Environment Series, GNWT Renewable Resources, Culture and Communications, 1990

Hazardous Substance Coordinator
Environmental Protection Division
Renewable Resources
Government of the NWT
600, 5102-50th Ave. telephone: (867) 873-7654
Yellowknife NWT facsimile: (867) 873-0221
X1A 3S8

	COMPANY	ASSES. REPORT	IOL PARCEL(S)	DATE	REMARKS
1	Cominco L	017093	CO-02,03	1963	1193 feet of diamond drilling on RUBY group and 2083 feet on the TOBY group. One or two good values of gold but mostly very low.
2	Cominco L	017114	CO-02,03	1963	Mapping was carried out following 921 of diamond drilling. After mapping, 1173 feet of additional drilling was done. All holes intersected mineralized zones with low assays (except one - 2.08 oz. Au/ton) An experimental geochemical traverse was made.
3	James River Ms L	017130	CO-31	1965	Prospecting of group and extensive trenching of numerous quartz veins occurring in host granodiorite. Veins are fracture-filling, walls of vein. Gold-bearing sections are narrow; 66% of samples contained negligible gold values. Discontinuity and low gr
4	Falconbridge Nickel Ms L	017138	BB-07	1963	Report covers geological work done by Falconbridge on these claims (DON group 1-42 (42 claims)). Two mineral occurrences mapped - the Alksne and the No.1 showings. Gold occurs with arsenopyrite but showings are too small to be of interest. A detailed m
5	Algood G Ms L	017157	BB-07	1947	3011 feet of diamond drilling and geological examination.
6	Cominco L	017428	CO-02,03	1963	Magnetic EM surveys were carried out. Magnetic survey revealed that 5 known mineralized zones have associated magnetic anomalies. The EM survey traced out 1 zone where anomalies are caused by sulphide and graphite.
7	Bathurst Norsemines L; Cominco L	019185	BB-03	1971	Claims underlain by quartzites and siliceous limestones with minor andesite and granite. The Hackett River Fault passes through central claim block. Sediments dip steeply (70-80 degrees) to the SE. Possible stromatites in limestones. Pyrite, pyrrhotit
8	Cominco L; Ice Station Res L; Inspiration Drilling L	019197	BB-03	1971	6 holes totalling 1758 ft drilled to test EM and geochem anomalies. Graphite schist and bands of massive pyrite and pyrrhotite present. No economic mineralization. Holes pass through metasediments and basic volcanics with limestones beds. Fault gouge
9	Cominco L; Ice Station Res L	019198	BB-03	1971	A total of 407 soil samples were collected at 100 ft intervals along grid lines 400 ft apart, in area of the Hackett River fault and 1 mile to the NE, and analyzed for Cu, Pb, Zn, and Ag. An area about 800 ft x 800 ft was found on ZED 7 and 8 which conta
10	Cominco L; Ice Station Res L	019199	BB-03	1971	16 miles of EM surveys were run over 4 grids on ZED claims. Lines were 400 ft apart and were orientated NE to N. Readings were taken at 50 ft or 100 ft intervals. Several NW striking conductors found but most poor. Drilling intersected bands of pyrrho
11	Bathurst Norsemines L; Cominco L	019638	BB-03	1972	Ground geophysical survey, EM with ABEM MINIGUN, magnetometer and gravity surveys. Location map 13 EM, 11 magnetometer and 2 gravity maps. Many conductors located
12	Ballinderry Expls L; Geo-x Svys L	019734	CO-44,46	1970	VLF-Em magnetic and radiometric maps prepared from data collected along EW flight lines approximately 1000 ft apart. Average terrain clearance is 200 ft. No effect made to correlate or interpret anomalies.
13	Cominco L; Spectroair Expls L	019741	BB-03	1971	11 miles of ground EM surveys, 9 miles of magnetic survey and 2 gravity profiles were run along a NW striking base-line, parallel to a major fault on the property. 3 drill holes were put down under the best anomalies which intersected disseminated and ba

14	Ice Station Res L; Tri-con Expl Svys L	060338	BB-03	1970	Survey revealed a large magnetic high trending NE parallel to fault through middle of the property. Gossan containing Py, Po, asp, CPY and some staining located along fault. 12 EM conductors found - 6 near fault and roughly parallel to it. 5 were recom
15	Norsemines Expls L; Precambrian Mng Servs L	060339	BB-03	1969	2 main gossan zones with a possible aggregate strike length of 6000-10000 ft. mineralization is pyrite, pyrrhotite and minor chalcopyrite; country rocks; (shear) folded belt of metasediments of siliceous sed. origin which have been intruded and/or granit
16	Coppermine River L; Precambrian Mng Servs L	060482	CO-54	1969	Readings taken at 100 ft stations on 800 ft x-lines established from 14400 ft baseline of azimuth 019 degrees using Crone Radem EM and Barringer GM-102 Port Precess. Mag. Results: conductors located as follows: 1) 8+00N to 48+00N between 4+00E and 6+00E.
17	Keevil Mng Group L	060486	CO-54	1970	41.8 miles of VLF EM surveys over EW lines 1000 ft apart. Claims traversed by NE fault with horizontal displacement of 7000 ft , 10 miles long. NW striking mag lineament crosses fault in middle of claim group. Good EM conductors coincide with faults bu
18	Ecstall Mng L; Kenting Earth Sciences L	060499	CO-40	1972	1, 034 miles of combined EM and Mag surveying was done. 21 anomalous areas were found. Value applies to 060499, 060500, 060501.
19	Ecstall Mng L; Kenting Earth Sciences L	060500	CO-40	1972	Ground EM and Mag follow-up work done on airborne EM anomalies. The anomalies detected were of a lower conductivity than would be found within a volcanic belt in the southern part of the shield. 16 Mag and EM maps 1 in. = 200 ft. Value applies to 06049
20	Ecstall Mng L; Kenting Earth Sciences L	060501	CO-40	1972	This report covers geological and soil geochemical follow-up of area containing air EM and Mag anomalies. Grab samples and soil samples were analyzed for copper, lead, zinc, and silver. Maps: Compilation Map: 2 in. = 1 mile. 1 Map: 1 in. =100 ft. 14 ma
21	Coppermine River L	060673	CO-54	1968	Geological report on the settings of ore occurrences in the area with emphasis on the 47 Zone. Also a series of recommendations for future work and an outline of a laboratory research on petrological, geochemical and structural problems. Calculation of
22	Borealis Expl L; Norman H Ursel Assocs L	060819	CO-20	1970	Geology is greenstones and amphibolites bounded by granites and intruded by diabases and other mafic intrusives. Numerous sulphide occurrences of pyrite & pyrrhotite with localized chalcopyrite and galena. Individual descriptions of the geology, magneto
23	Ballinderry Expls L	060865	CO-44,46	1970	Preliminary investigation of gossans included 125 ft of diamond drilling and geochemical sampling. Drill results poor 0.04% Cu and 0.01% Ni. Gossans restricted to metasediments??, not in granites as mapped.
24	Coppermine River L; Precambrian Mng Servs L	060867	CO-54	1971	The drainage basins of 24 lakes with anomalous Cu values and the Teshierpi Fault were sampled on 400 ft x 400 ft grid or along streams. Several of anomalies can be traced to mineralized flow tops but some anomalies deserve further work. Techniques used
25	Cominco L	061220	BB-09	1975	Airborne EM and Mag survey totalling 606 line miles located a large number of anomalies, most being associated with long formational bedrock conductors.
26	Great Plains Dev C Of Can L	061308	CO-25,28	1974	Mapping revealed great thickness of acidic volcanics, very coarse breccias, chert agglomerates and breccias and rhyolites bearing sphalerite. A possible center of eruption may be in the NW corner of Permit 315.

27	Excalibur Internat Cnslts L; Internat M Servs L; United Reef Petroleums L	061313	CO-02,03	1975	Geological, ground EM and mag surveys were conducted over an Archean greenstone belt which has gold mineralization associated with iron formation. Geophysics indicated 2 areas of interest. Mapping did not extend known areas of grade of mineralization.
28	Long Lac Mnrl Expl L	061345	CO-20	1974	Reconnaissance geology and soil geochem (in the Dogbone Lake area only) located 4 areas of interest in meta-volcanics and sediments.
29	Great Plains Dev C Of Can L	061394	CO-25,28	1975	Geological mapping, airborne EM and mag, ground EM, trenching and soil and water geochemistry surveys were conducted. The volcanics contain numerous gossans but work has indicated these reflect mainly iron sulphides. Gossans S of Ced Lake were reflected
30	Great Plains Dev C Of Can L; Questor Svys L	061395	CO-27, 28	1975	Airborne EM and mag surveys totalling 945 line miles found a great many conductors of which 25 areas are recommended for investigation. Part of $60, 264.92.
31	Long Lac Mnrl Expl L	061407	CO-20	1975	Airborne EM survey totalling 417 line miles located 18 areas of interest. Part of $106,468.77.
32	Long Lac Mnrl Expl L	061408	CO-20	1975	Ground EM and mag surveys, detailed geological mapping, soil geochem and trenching for base metals in 2 volcanic belts. Part of $ 106,468.77.
33	Arcadia Expls L	061424	CO-31	1974	Finds, from all geological work done on Coronations Gulf claims, are resumed. The claims hold important gold prospects. There are 26 DDH -totalling 3777 ft.
34	United Reef Petroleums L	061438	CO-02,03	1974	A study on all previous exploration is made. Previous work included geological mapping, EM and magnetic surveys, and a total of 10,261 ft of drilling in 35 holes. Further exploration is recommended.
35	Great Plains Dev C Of Can L	061530	CO-27, 28	1976	Detailed mapping and mapping S of Ced Lake located a zone of massive sulphides in felsic pyroclastics. Random soil and rock samples showed minor geochem concentrations of Cu, Pb, and Zn. EM surveys were conducted over a gossanous area south of Ced Lake.
36	Cominco L; Kenting Earth Sciences L	061606	CO-30, 81	1975	A combined airborne EM and mag survey was carried out over 5 areas with lines spaced at 1/8 mile intervals. 2, 542 line miles were flown. Part of $ 46, 957.00.
37	Geosearch Cnslts L; Kennarctic Expls L	061607	CO-30, 81	1975	A horizontal-loop EM survey over portions of the claim groups located numerous conductors.
38	Du Pont Of Can Expl L	080199	CO-02,03	1974	Geological mapping at 1 in. = 1/4 mile scale was carried out over a block of 12 claims, together with sampling of sulphide occurrences. Lenses of pyrite mineralization occur in felsic volcanics. 1 of these assayed 30.3 oz/T across 30 ft with an exposed s
39	Noranda Expl C L	080245	BB-09	1974	The claims were originally staked to cover a GSC lake sediment anomaly. Interest was enhanced by the presence of a magnetic high in the area. A subsequent AEM survey established several anomalies. Geological mapping revealed the anomalies to be caused
40	Cominco L	080248	BB-09	1975	Geol. mapping of the claim block at 1:15000 scale extends off the claims to the NE & S. The main rock types underlying the claims are rhyolite taffeta, rhyolite tuff and rhyolite crystal tuff. Limestone breccia underlie greywacke in the NE part of the m
41	Internat M Servs L; United Reef Petroleums L	080255	CO-02,03	1975	VLF and magnetometer surveys over an approximately 16 line mile cross grid. VLF surveys on EM and NS lines, using the Jim Creek, Seattle, Washington and Cutler, Maine, transmittors respectively, do not agree. The EW line data accords better with known g

42	Noranda Expl C L	080260	BB-03	1975	Report on geological mapping and VLF electromagnetic survey over a grid area 1600 x 3200 ft. Purpose of work was to follow-up AEM conductors. A VLF conductor in the NW part of the claim block coincides with an AEM conductor.
43	Cominco L	080292	CO-02,03	1975	Geol. mapping at 1:5000 scale, shows felsic to intermediate volcanics and chem sediments mainly carbonates, carbonate cemented breccia and iron formation overlain by greywacke and argillite to the E. Geophysics (ground EM & Mag) indicate folding along no
44	Cominco L	080390	CO-30	1975	8 holes totalling 610.3 ft were drilled. The cores were assayed for Cu, Zn, Au, Ag.
45	Cominco L	080395	C0-30	1975	Horizontal loop and VLF-EM, magnetic, IP, and gravity surveys were carried out in 8 grids that covered geologic showings and AEM anomalies. Some conductors were located.
46	Noranda Expl C L	080459	CO-44,46	1975	Regional geological mapping and lake sediment geochem and detailed geology and soil geochem of gossanous areas were conducted.
47	Du Pont Of Can Expl L; Questor Svys L	080476	CO-02,03	1975	
48	Kennarctic Expls L	080481	CO-30	1975	Geological mapping, ground magnetometer and EM surveys, and geochemical surveys were performed and the results are presented on 1 in.=500 ft scale plans. 3 diamond drill holes for a total of 605 ft were completed.
49	Kennarctic Expls L	080482	CO-30	1975	Geological mapping at 1 in.=200 ft scale, geochemical soil sampling, and EM surveys were completed over almost all the remaining ground. Soil samples were analyzed for Cu, Zn, Pb, Ag, Co, Ni, and Au. Results given on accompanying plans omit Co and Ni.
50	Kennarctic Expl L	080483	CO-27	1976	Geological, geochemical, mag and EM surveys were carried out over an area of volcanics, sediments and iron formation. Drilling siltstones and banded oxide iron formation.
51	Noranda Expl C L	080503	CO-02,03	1975	Detailed soil and lake sediment sampling was carried out to cover several gossans. Only pyrite and minor pyrrhotite were found. No other mineralization exists in economic quantities.
52	Cominco L	080555	CO-20	1976	A ground EM, magnetic and gravity survey was carried out. Several moderate to good conductors were detected, 2 of which are coincident with magnetic highs. None coincide with gravity highs.
53	Long Lac Mnrl Expl L	080588	CO-20	1975	Airborne EM surveying, ground EM and magnetic surveying, mapping at scales of 1 in.:1/4 miles and 1 in.=200 ft and prospecting were carried out. Grab samples were analyzed for Au, Ag, Cu, Zn, and Pb.
54	Great Plains Dev C Of Can L; Noranda Expl C L	080626	CO-28,29	1975	Ground and airborne Em surveying, ground magnetic surveying, lake sediment sampling, geological mapping at a scale of 1 in.= « mile and prospecting were carried out.
55	Texasgulf Inc	080664	CO-82	1977	Soil samples were taken and analyzed for Pb, Zn, Cu and Ag.
56	Great Plains Dev C Of Can L	080675	CO-27	1976	Ground EM surveying, geological mapping at a scale of 1 in.=1000 ft and rock and soil sampling were completed.
57	Cominco L	080688	CO-30	1976	Ground EM, magnetic and gravity surveys were carried out.
58	Texasgulf Inc	080693	CO-82	1977	1085 soil samples were collected and analyzed for Pb, Zn, Cu and Ag.
59	Texasgulf Inc	080695	CO-82	1977	
60	Long Lac Mnrl Expl L	080706	CO-20	1975	Geological mapping and ground EM surveys were conducted over gossan zones which carried values in Cu, Zn, and Pb with traces of Au and Ag.
61	Noranda Expl C L	080708	BB-03	1977	Ground EM surveys and geological mapping at a scale of 1 in. = 200 ft were carried out.

62	Texasgulf Inc	080808	CO-82	1977	6 DDH-total 1378 ft no significant results.
63	Noranda Expl C L	080867	CO-82	1977	CEM, VLF-EM and magnetometer survey, investigated an airborne-EM anomaly.
64	Noranda Expl C L	080982	BB-03	1979	Reconnaissance mapping, airborne magnetometer totalling 678 line miles, geophysical and one 99.0 m AQ diamond drill hole was completed. No base metal values were obtained. No further work is recommended.
65	Noranda Expl C L	080983	BB-03	1979	Exploration included linecutting, detailed ground geophysics, geological mapping and one 43.0 m AQ diamond drill hole. Geophysical conductor failed to intersect any economic sulphides. Further work is not recommended.
66	Noranda Expl C L	080985	BB-03	1979	An airborne magnetometer surveying totalling 678 line miles was flown, reconnaissance geophysical surveys were carried out and ground geophysical surveys were then completed. In 1979 2 AQ diamond drill holes totalling 228.75 m were done. Both drill hole
67	Noranda Expl C L	080986	BB-09	1979	
68	Giant Yellowknife Ms L	081136	BB-07	1981	A total of 408.7 m (1341 ft) were drilled in 10 holes. Three of the holes showed significant mineralization in a zone length of about 60 m (200 ft). Several of the Au assays received are .22 oz/ton over 2.1 m and .48 oz/ton over .88 m within a section a
69	Noranda Expl C L	081373	CO-30	1981	The HEM survey failed to locate significant conductive features. 2 distinct zones of sulphide mineralization were located on the claim group. Assay results from grab samples along the zones returned values up to 0.044 oz/T Au, 2.216 oz/T Ag, 0.800% Cu,
70	Noranda Expl C L	081532	CO-20	1982	Diamond drilling and magnetic, vertical loop EM and horizontal EM surveys were conducted to delineate the massive sulphide zones. Drill core samples were assayed for gold, copper, lead and zinc. Exploration along strike from the deposit is recommended.
71	Noranda Expl C L	081610	BB-07,09	1983	
72	Cominco L	081672	CO-30	1983	A UTEM survey was done and 3 conductors were outlined. They are poor to moderately conductive; there is no evidence for better of thicker conductive zones at depth.
73	Kidd Creek Ms L	081676	CO-82	1983	Geological mapping, sampling and VLF EM and surface Em surveying were done to assess the economic potential of the area. No significant EM anomalies were found. A zone, which hosts a zinc-silver massive sulphide deposit was traced for 4 km. Mapping, so
74	Canuc Res Inc	081679	CO-31	1983	Geological mapping, sampling and VLF surveying were done. Sulphide minerals in the quartz veins were not of sufficient concentrations for the VLF survey to detect the quartz veins in areas of overburden. Samples were assayed for gold and silver. Althou
75	Viscount Res L	081737	CO-06	1984	Geological mapping, grab sampling and magnetic gradient, total field magnetic and VLF EM surveying were done to explore for gold. The area is underlain by argillaceous metasediments interbedded with iron formation. All grab samples assayed less the 1 g/
76	Wellington Res L	081757	CO-06	1984	Detailed geological mapping and VLF EM, total field magnetic and vertical magnetic gradient surveying were done to find gold-bearing iron formation. The area is underlain by greywackes that enclose several narrow layers of silicate facies iron formation.

77	Silver Hart Ms L	081808	CO-02,03	1984	10 inclined holes were drilled through sediments and mafic volcanics for a total of 498.99m (1637.10ft). Samples were analyzed for Au, Cu, Pb-Zn and Ag. The highest assays were 226 oz/T Au over 0.005ft (hole 83-4), 4000 ppm Cu over 0.9ft (83-8), 866 ppm
78	Back River Joint Venture	081812	BB-07	1984	
79	Back River Joint Venture	081813	BB-15	1984	Geological, magnetic and VLF-EM surveys were carried out. 5 gold occurrences were discovered in magnetite-chert iron formation, with up to 6.20 g/T Au across 9.30m. Reconnaissance and detailed geology, geophysics, trenching and diamond drilling are reco
80	Back River Joint Venture	081821	CO-02,03	1984	Detailed prospecting, mapping, soil and rock geochemistry were done. Samples from iron formation and quartz veins in sediments and volcanics were assayed for gold. Grab samples assayed up to 11.38 g/T Au. Soil samples were also taken and analyzed for g
81	Echo Bay Ms L	081837	CO-66	1985	Prospecting, soil sampling, radiometrics, VLF-Em and diamond drilling were done. Main commodity searched for was silver. Soil samples were assayed for Ag, Co and Ni. 21 holes were drilled totalling 826.8m. Samples were analyzed for Ag, Au, Ni, Pt and
82	Cominco L	081854	CO-02,03	1984	3 holes (278.90m) were drilled to test HLEM conductors. Only data for 1 hole on GAS 61 is given. Samples were analyzed for Au and Ag. Values were low. The conductor is due to graphite and pyrite in argillite.
83	Cominco Limited	081901	CO-02,03	1985	Mapping, sampling, ground magnetic and VLF-EM surveying has outlined two units of amphobolitic iron formation. No economic grade gold showings were found. No further work is recommended.
84	Noranda Exploration Company Limited	081909	BB-07,09,03	1985	
85	Silver Hart Mines Limited	081930	CO-02,03	1985	1 hole (BH-84-3) totalling 91.4m was drilled. The core was assayed for Ag, Zn, and Pb. The highest values were 28.6 ppb Ag, 336 ppb Zn and 56 ppb Pb over 5ft.
86	Cominco Limited	081937	BB-09	1986	Reconnaissance mapping and rock sampling delineated significant amounts of silicate-oxide facies iron formation over a strike length of 23 km. Samples from this showing returned gold values up to 1934 ppb. Further work was recommended.
87	Cominco Limited	081942	CO-06	1986	Detailed geological mapping and VLF and magnetic surveys were done. Chip and grab samples of iron formation were assayed for Au. Best assays was 2430 ppb Au over 1.0m on the NC 1 claim. Gold was not found on the PTC 1 claim.
88	Cominco Limited	081943	CO-06	1986	Detailed mapping, VLF and magnetic surveying were done in search of gold. Several layers of gold bearing iron formation were found to coincide with geophysical conductors. Gold values (up to 5.9 g/t) were obtained from chip samples across 2 layers of su
89	Cominco Limited	081944	CO-06	1986	Gold exploration consisted of mapping and VLF and magnetic surveying. Several areas of gold bearing amphibolitic iron formation were delineated. Chip samples (<10 to 8840 ppb) were assayed for gold.
90	Cominco Limited	081951	CO-06	1986	Detailed mapping and trench sampling were done to find gold in amphibolitic iron formation. Samples of folded sulphidic iron formations had the highest assays. Follow-up work is recommended.

91	Cominco Limited	081952	CO-06	1986	Airborne EM and magnetic surveys were done. Over 41 conductors were outlined; some of which are interpreted to have a bedrock source. Follow-up geological mapping, prospecting and ground geophysics are recommended.
92	Trigg, Woollett, Olson Consulting Limited	081975	BB-13,15	1986	Gold exploration consisted of total field magnetic, enhanced magnetic, EM, VLF-EM and resistivity surveying, drilling 36 holes (DH 85 001-036) totalling 2565.5m, prospecting, sampling and mapping. Magnetic iron formations and their fold fault complicatio
93	Cominco Limited	082037	CO-02,03	1986	Testing of EM conductors consisted of drilling 3 holes, totalling 278.9m (only one log submitted). The conductor tested by drill hole 84-03, totalling 80.8m, was due to a pyrite graphitic unit and Au and Ag values were uniformly low.
94	Cominco Limited	082094	CO-06	1986	Exploration consisted of HL EM and magnetic surveying. Several EM conductors showed variable magnetic correlation. Numerous NE-SE trending diabase dykes cross the survey area. RECOMMENDED: correlate the results with the geology by trenching and drilli
95	Silver Hart Mines Limited	082095	BB-39	1986	Exploration consisted of : magnetic, VLF-EM, Resistivity and EM surveying. The survey area exhibited excellent potential as a host both strongly conductive massive sulphide deposits and weakly conductive zones of semi-massive to disseminated sulphides.
96	Cominco Limited	082096	CO-20	1986	Gold exploration consisted of: mapping, rock sampling, and HLEM and magnetic surveying. Gold occurs in the sulphidic (pyrrhotite, arsenopyrite, pyrite) amphibolitic iron formation. Each showing is identified by a weak conductor of variable thickness wi
97	Cominco Limited	082105	CO-06	1986	Gold exploration consisted of drilling 13 holes, totaling 1002.4m to test 12 targets. 10 of the targets were found to be amphibolitic iron formation and the other 2 were graphitic metasediments. Only 1 intersection of significance (2.366 g/t Au 0.87m) w
98	Trigg, Woollett, Olson Consulting Limited	082114	BB-13,15	1987	Exploration of gold occurrences consisted of prospecting, chip and grab sampling, grid surveying, mapping, and magnetic and EM surveying. Au-bearing sulphide zones were found within folded and/or faulted thick
99	Contwoyto Goldfields Limited	082122	CO-06	1986	Exploration for gold in sulphide-bearing iron formation consisted of magnetic, VLF-EM, EM and resistivity surveying. The EM anomalies detected were not associated with the magnetic anomalies. Recommended: prospecting, HLEM, VLF-EM, magnetic and S.P. sur
100	Contwoyto Goldfields Limited	082123	CO-06	1986	Exploration for gold in sulphide bearing iron formation consisted of magnetic, resistivity, EM and VLF surveying. 5 definite and several possible bedrock conductors were outlined, many of which showed a correlation with the magnetic anomalies. Recommend
101	Contwoyto Goldfields Limited	082126	CO-06	1986	Exploration for gold in iron formation consisted of magnetic, VLF, resistivity and EM surveying. The country rocks are non-magnetic cut by magnetic diabase dykes. VLF conductors may indicate conductive shears and/or faults or contacts. Several HEM anom
102	Parklane Technologies Incorporated	082241	CO-06	1986	Exploration for Au-bearing iron formation consisted of VLF-EM, total field magnetic and vertical magnetic gradient surveying. Numerous geophysical anomalies were defined. Recommended: mapping, prospecting, HLEM and magnetic surveying, and drilling.

103	Aber Resources Limited	082273	CO-20	1985	Exploration of an auriferous gabbro-sediment contact zone, which is intersected by N trending faults, consisted of drilling 6 holes, totalling 198.9m (652.5ft). Ore grade intersections have not been found yet. Recommended: prospecting, sampling, and map
104	Cominco Limited	082361	CO-06	1987	Exploration of conductive zones consisted of drilling 10 holes, totalling 819.52m (2688.7ft). Sulphidic iron formation was found in all but 1 of the holes. Significant gold values (>1 g/t Au) were found in 7 of the holes.
105	Norman H. Ursel	082429	CO-20	1968	The permits are underlain by mafic to felsic volcanics, chlorite and sericite schist, amphibolites and diorites. Gossans bearing pyrite, pyrrhotite, chalcopyrite, marcasite and sphalerite were found by prospecting. The gossans are associated with fault z
106	Cominco Limited	082516	CO-06	1987	Gold exploration consisted of 489km (304 miles) of EM, resistivity, magnetic and VLF surveys. Many bedrock conductors and numerous anomalies of possible bedrock origin, with direct or flanking magnetic anomalies were outlined, indicating the potential to
107	Silver Hart Mines Limited	082600	BB-39	1987	Gold exploration consisted of mapping, prospecting, sampling for whole rock analyses, and magnetic, VLF, EM and resistivity surveying. Anomalous gold values were found from iron formation. Gold is associated with arsenopyrite and pyrrhotite. Recommende
108	Argus Resources Limited; Sirius Energy Corporation Limited	082624	BB-07	1988	Gold exploration consisted of prospecting, mapping, and soil and rock geochemistry. Anomalous concentrations of gold and arsenic were delineated. Recommended: VLF and magnetic surveying, mapping, prospecting, and geochemical and petrological surveying.
109	Sirius Energy Corporation Limited; Argus Resources Limited	082625	BB-07	1988	
110	Sirius Energy Corporation Limited; Argus Resources Limited	082625	BB-07	1988	
111	Trigg, Woollett, Olson Consulting Limited	082629	BB-13,15	1988	Gold exploration consisted of: prospecting, sampling, mapping, and magnetic, VLF and HLEM surveying. Gold values in iron formation were up to 234.86 g/t. Recommended: drilling, and other detailed exploration.
112	Cominco Limited	082645	CO-06	1988	Exploration for gold in amphibolitic iron formation consisted of drilling 11 holes totalling 1061.69m (3483.2ft). 8 holes intersected amphibolitic iron formation, and 2 holes graded over 1g/t Au. Recommended: additional drilling.
113	Chevron Minerals Limited; Silver Hart Mines	082672	BB-39	1988	Exploration consisted of rock and soil sampling, trenching, and 28 element ICP, whole rock and metallic prep gold assaying. A good correlation between Zn (up to 9823 ppm), W (up to 383ppm), Ni (up to 211ppm), Fe (up to 24%) Cu (up to 3382ppm), Co(up to
114	Contwoyto Goldfields Limited	082689	CO-06	1988	gold exploration consisted of: mapping; and, HLEM, VLF, IP and Magnetic surveying. Several anomalies, some correlation with mapped sulphide-bearing silicate iron formation were delineated.
115	Aber Resources Limited	082738	CO-20,25	1989	Gold exploration consisted of prospecting, sampling, and magnetic and EM surveying. More than 30% of the rock samples collected were anomalous (>0.33g/t Au). Gold is associated with: stibnite-sphalerite-galena-arsenopyrite in felsic volcanic and sedimen

116	Bhp-utah Mines Limited	082747	CO-20	1989	Exploration for gold in iron formations consisted of prospecting and, rock and soil sampling. Gold was found with sulphides in: silicified and quartz veined volcanics, silicified metasediments, carbonate layers along the mafic-felsic volcanic contact, an
117	Continental Pacific Resources Limited	082751	CO-30	1989	Base metal exploration consisted of mapping and HLEM and magnetic surveying. 5 conductive trends were outlined by the HLEM survey, 2 of which are associated with base metal sulphides. The sulphides are confined to the felsic volcanics, just below the up
118	International Platinum Corporation	082758	CO-62	1989	Gold, PGE and base metal potential of the margin of the Muskox intrusion was examined by geological mapping, geochemical sampling, geophysical surveys (magnetic and UTEM surveys) and diamond drilling (22 holes totalling 2104m). The best platinum and pall
119	Sidney Thompson; Cody Hawk Resources Incorporated; Cominco Limited	082764	CO-02,03	1988	Gold exploration included geological mapping and geochemical sampling. 1 sample assayed 0.016oz/t Au over 3.0ft.
120	Kelmet Resources Limited; Asamera Minerals Incorporated	082771	BB-03	1989	The areas were prospected and geochem samples were taken for gold analysis. Highest gold assay value is 300ppb (505 rock samples and 92 soil samples were taken).
121	Aber Resources Limited; Winter Lake Resources Limited	082773	CO-31	1989	Gold exploration consisted of geological mapping, geochemical sampling (up to 12.42g/t gold over 4m) and VLF-Em and magnetometer surveys. Gold seems to be associated with quartz veins and pyrite.
122	Bow Valley Industries Ltd.	082842	CO-06	1989	Gold exploration for Lupin-type mineralization included HLEM and magnetometer surveys and the drilling of 1 diamond drill hole totalling 75.29m.
123	Chevron Minerals Ltd.; Silver Hart Mines	082847	BB-39	1989	Gold exploration included prospecting and geochemical sampling (including some trenching). A total of 124 rock samples were collected (the highest assay was 4.6g/t Au).
124	Bhp-utah Mines Ltd.	082869	CO-20	1989	Gold exploration included geological mapping, geochemical sampling (rock chip, soil samples), trenching and ground IP, mag, VLF and EM-4 geophysical surveys. Anomalous gold values (up to 24350ppb) are located within a few meters of the volcanic-sediment
125	Bhp-utah Mines Ltd.	082874	CO-44,46	1989	Gold and base metal exploration included geological mapping and geochemical sampling (during 1988 and 1989, 679 rock samples and 79 soil samples were collected). The highest gold assays (up to 5290 ppb Au) are from samples of arsenopyrite-bearing gossans
126	Bhp-utah Mines Ltd.; Aber Resources Ltd.	082894	CO-20	1989	Gold and base metal exploration included geological mapping, geochemical sampling, ground geophysical surveys (VLF-EM, magnetics, EM-4 and IP) and the drilling of 8 drill holes totalling 377m (highest assay from core is 2300ppb Au-from the lower contact o
127	Cominco Ltd.	082900	BB-15	1990	An airborne geophysical survey (EM, magnetic and VLF-EM surveys) was flown over a total of 269km. A long magnetic high is interpreted as a magnetite iron formation.
128	Bhp-utah Mines Ltd.	082904	CO-20	1990	Gold and base metal exploration included geological mapping and geochemical sampling (33 rock chip samples and 13 soil samples in total). Sampling resulted in weakly anomalous gold assays (up to 44ppb Au in a siliceous mafic volcanic rock with trace pyrr

129	Bhp-utah Mines Ltd.	082905	CO-30	1990	Gold and base metal exploration included geological mapping, prospecting and geochemical sampling (74 rock samples and 8 soil samples in total). 3 types of mineralization were discovered. The highest gold assay (4620ppb Au with 342ppm Ag) comes from a q
130	Bhp-utah Mines Ltd.	082914	CO-20	1990	Gold and base metal exploration consisted of drilling 7 diamond drill holes totalling 670.25m (355 split core samples in total). The highest assays were 25.3g/t Au over 1.13m and 24.5 g/t Au over 1.0m.
131	Bhp-utah Mines Ltd.	082917	CO-27	1990	Gold and base metal exploration included geological mapping, prospecting and geochemical sampling (95 rock samples and 39 soil samples in total). The highest gold assay came from a gossanous rhyolite (1460ppb Au).
132	Argus Resources Ltd.; Sirius Energy Corp.	082927	BB-07	1990	
133	Pamorex Minerals Inc.	082935	CO-02,03	1990	Gold exploration included an airborne geophysical survey, geological mapping, prospecting, geochemical sampling and ground geophysical surveys (magnetics and VLF-EM). Assays up to 8.64g/t Au resulted *from sampling a folded felsic to intermediate* dyke.
134	Continental Pacific Resources Inc.	082967	CO-30,81	1990	Gold and base metal exploration included geological mapping, prospecting, geochemical surveys and ground geophysical surveys. 14 DDH's totalling 1022.26m tested various mineralized zones. 1 hole had assays of 15% combined Cu & Zn over 0.75m and 16.50% C
135	Bhp-utah Mines Ltd.	082984	CO-20	1990	Gold exploration included geological mapping, prospecting, geochemical sampling (55 split core samples), an air photo survey, ground geophysical surveys and the drilling of 4 DDH's totalling 434.26m. The best Au assay from drill core was 25.63g/t Au over
136	Aber Resources Ltd.	082985	CO-20	1991	Gold and base metal exploration included geological mapping, geochemical sampling (approximately 438 grab samples in total), ground geophysical surveys (magnetic, VLF-EM, IP surveys) and the drilling of 5 DDH's totalling 171.5m. The highest assay from dr
137	Bhp-utah Mines Ltd.	082987	CO-30	1990	Gold and base metal exploration included geological mapping, ground geophysical surveys (magnetic and VLF-EM) and geochemical sampling (170 samples in total). The best results from chip sampling averaged 1.768g/t Au over 4m. Folded iron formations locat
138	Bhp-utah Mines Ltd.	082988	CO-20	1990	Gold and base metal exploration included geological mapping, geochemical sampling *(107 rock and 33 soil samples in total)* and ground geophysical surveys (magnetic and VLF-EM). Mineralized quartz veins in shear zones proximal to a granite/mafic volcanic c
139	Bhp-utah Mines Ltd.	082995	CO-30	1991	Gold and base metal exploration included geological mapping, prospecting and geochemical sampling (17 rock and 1 silt sample in total). Assays up to 14g/t Au came from a pyritic quartz/talc vein about 0.7m wide.
140	Contwoyto Goldfields Ltd.	083034	CO-06	1991	Gold and base metal exploration included 24km of ground geophysical surveys (magnetic, VLF-EM and HLEM surveys) in order to delineated sulphide-bearing iron formation. Several conductors were delineated.
141	Contwoyto Goldfields Ltd.	083038	CO-06	1991	Gold and base metal exploration included geological mapping, prospecting and geochemical sampling 96 rock samples in total). The highest assay was 20ppb Au.

142	Trigg, Woollett, Olson Consulting Ltd. (Back River Joint Venture)	083053	BB-13,15	1991	Gold exploration included level surveying, prospecting, geochemical sampling, geological mapping, ground geophysical surveys and the drilling of 20 DDH's totalling 1822.41m. 1 gold-bearing iron formation resulted in assays from drill core up to 7.20g/t A
143	Bhp-utah Mines Ltd.	083061	CO-20	1991	Gold and base metal exploration included geological mapping, prospecting, geochemical sampling (67 rock and 101 soil samples in total), ground geophysical surveys (magnetic and VLF-EM surveys) and the drilling of 7 DDH's totalling 325.5m (96 split-core sa
144	Bhp-utah Mines Ltd.	083068	N/A	1991	Gold exploration included geological mapping, geochemical sampling (114 rock samples and approximately 90 soil samples were taken), ground geophysical surveys (Mag, VLF-EM and MAX-MIN) and the drilling of 10 DDH's totaling 465m. The best drill core assay
145	Cogema Canada Ltd.	083071	BB-15	1992	Gold exploration included geological mapping and geochemical sampling (504 samples in total). The highest gold assay from outcrop was 7.09g/t Au from a zone of quartz-flooded and sheared sediments.
146	Sirius Energy Corp. Ltd.	083086	BB-07	1992	
147	Bhp Minerals Inc.; Aber Resources Ltd.	083089	CO-20	1992	Gold and base metal exploration included geological mapping, geochemical surveys (615 rock and soil samples in total), trenching, geophysical surveys (ground magnetic and VLF-EM) and drilling 18 holes totalling 953m. The highest Au assay from drill core
148	Homestake Mineral Development Co. Ltd.; Trigg, Woollett, Olson Consulting Ltd.	083093	BB-13,15	1992	Gold exploration tested auriferous iron formation depicted in 4 maps at 1:2000 scale. The maps are compilation of geology, assays, trenching and drilling. There is no accompanying report as this work was not submitted for assessment credits; 142 DDH's w
149	Bhp-utah Mines Ltd.	083098	CO-25,28	1992	Gold exploration included geological mapping and geochemical sampling (30 rock and 6 soil samples in total). The highest Au assay, from outcrop of an arsenopyrite-bearing quartz vein, was 1061ppb Au.
150	Bhp Minerals Canada Ltd.	083133	CO-20	1992	Gold exploration included geological mapping, prospecting, geochemical sampling (rock and soil samples), 50 line-km of ground magnetic and VLF-EM geophysical surveys and the drilling of 7 DDH's totalling 970ft. Drilling tested an auriferous quartz-carbon
151	Bhp Minerals	083134	CO-27	1992	Gold exploration included geological mapping and geochemical sampling (102 rock and 17 soil samples in total). Assays ranged from 35-500ppb Au, primarily from quartz-carbonate altered shear zones.
152	Bhp Minerals Canada Ltd.	083141	CO-44,46	1992	Gold exploration included geological mapping, prospecting and geochemical sampling (33 rock samples in total). The highest assay was 9380ppb Au from an arsenopyrite-rich siliceous horizon.
153	Cogema Canada Ltd.	083143	BB-22,24	1992	Gold exploration included geological mapping and geochemical sampling (575 samples in total). 61 assays out of 696 samples from quartz and arsenopyrite veins within a diorite dyke were anomalous. The best assays was 76.73g/t Au.
154	Minnova Inc.	083147	CO-40	1992	Base metal exploration included geological investigations and geochemical surveys (234 rock samples in total). Geochemical interpretation is given. Only minor hydrothermal alteration was detected.

155	Homestake Mineral Development Company; Kerr-mcgee Corporation; O'green Holdings Ltd.; Gold Bar Development Ltd.; Andromeda Investments Ltd.	083153	BB-13,15	1992	Gold exploration focused on 2365.8m of diamond drilling in 22 holes at the Boot Lake property. Other gold exploration included geological mapping and prospecting, geochemical sampling (72 rock samples and 13 till samples in total) and ground geophysical
156	BHP Minerals Canada	083191	CO-20	1993	Gold exploration included geological mapping, prospecting and geochemical sampling (51 soil and 40 rock samples in total). The highest assay was 912pbb Au.
157	BHP Minerals Canada	083192	CO-20	1993	Gold exploration included geological mapping and geochemical sampling (78 rock and 55 soil samples in 1991 and approximately 250 rock samples in 1993). The best assay was 9110ppb Au from a boulder and 1630ppb Au from along a granite/supracrustal contact.
158	BHP Minerals Canada	083193	CO-27	1993	Gold exploration included geological mapping, prospecting, geochemical sampling (448 rock and 93 soil samples in total) and 21 line-km of magnetic and VLF-EM surveys. The highest assay from bedrock was 22100ppb Au from silicified mafic volcanic rock.
159	Metall Mining Corp.	083200	CO-82	1993	Massive sulphide exploration consisted of 1843 line-km of airborne magnetic and EM surveys. Numerous anomalies were located. The Gondor massive sulphide deposit has a strong coincident EM and magnetic response.
160	BHP Minerals Canada	083208	CO-30	1993	Gold exploration consisted of geological mapping and a soil and rock geochemical survey. A total of 46 rock and 44 soil samples were collected. The best assay results were from shear-hosted quartz veins which yielded assays of 6-14ppm Au.
161	BHP Minerals Canada	083209	CO-44,46	1993	Gold exploration consisted of geological mapping and geochemical sampling. A total of 30 lithogeochemical samples were collected and analyzed. The best assay results ranged from 11-3190ppm Au.
162	Gerle Gold, Echo Bay Mines	083211	CO-02,03	1993	Diamond exploration included a 592 line-km airborne geophysical survey (magnetic and VLF-EM) and the collection and analysis of 21 till and 21 soil samples. No indicator minerals were found.
163	Homestake Mineral Dev, Back River J.V.River	083214	BB-13,15	1993	Gold exploration consisted of drilling 1 diamond drill holes (81m) to intersect gold-bearing iron formation. 31 core samples were assayed. The highest assay was 1.75g/t Au.
164	Metall Mining Corp.	083216	CO-40	1994	Diamond exploration consisted of 731.75 line-km of airborne magnetic survey. 3 anomalies were selected for ground follow-up.
165	Metall Mining Corp.	083217	CO-40	1994	Diamond exploration consisted of 731.75 line-km of airborne magnetic survey. 7 anomalies were selected for follow-up work.
166	Metall Mining Corp.	083218	CO-40	1994	Diamond exploration consisted of 731.75 line-km of airborne magnetic surveying. 11 anomalies were selected for ground follow-up work.
167	Continental Pacific Res.	083224	CO-30	1993	Gold and base metal exploration included geological mapping, prospecting, geochemical sampling (170 rock samples in total) and geophysical surveys (magnetic, HLEM, TEM). 6 areas are defined for further work. 1 sample assayed >1000ppb Au and >10000ppm Zn
168	BHP Minerals Canada Ltd.	083280	CO-20	1994	A 427 line-km airborne geophysical survey (VLF EM, magnetic, EM and resistivity) was completed. Numerous anomalies typical of massive sulphide responses were located.

169	Metall Mining Corporation	083282	CO-82	1994	Base metal exploration tested the strike extension of the Gondor deposit. 7 (1km by 1km) loops of Deep EM surveying delineated 3 anomalies. 2 DDH's totalling 904m were drilled. The highest assay intersection is 10.36% Zn, 1.56% Pb and 0.06% Cu over a t
170	Continental Pacific Resources	083296	CO-30,81	1994	Base metal exploration included a ground PEM survey, a lithogeochemical survey (188 samples in total) and geological mapping. The highest copper value (1.0% Cu) came from a sample of massive sulphide (predominantly pyrite +/- pyrrhotite with stringers of
171	Metall Mining Corporation	083324	BB-09	1994	
172	BHP Minerals Canada Ltd.	083356	CO-27	1994	Gold exploration focused on anomalous gold zones. Geological prospecting and a detailed soil sampling program resulted in 29 rock samples and 111 soil samples being collected and analyzed. A pyrrhotite-rich silicified mafic volcanic zone contains anomalo
173	BHP Minerals Canada Ltd.	083359	CO-20	1994	Gold exploration consisted of drilling 13 DDHs totalling 876m. The best gold intersection, from a shear zone along a gabbro/gabbro contact, assayed 29.4ppm Au over 4.5m.
174	BHP Minerals Canada Ltd.	083359	CO-20	1994	Gold exploration consisted of drilling 13 DDHs totalling 876m. The best gold intersection, from a shear zone along a gabbro/gabbro contact, assayed 29.4ppm Au over 4.5m.
175	BHP Minerals Canada Ltd.	083389	CO-20	1994	Gold exploration consisted of 343 line-km airborne geophysical survey (magnetic and EM) and a radiometric survey. Several conductors were located.
176	Tanqueray Res. / Metall Mining	083393	CO-82	1994	Diamond exploration included a 968 line-km airborne geophysical survey and the collection and analysis of 16 glacial till, esker and stream sediment samples. Possible olivine and chrome diopside grains were found in 2 samples.
177	Continental Pacific Resources Inc	083403	CO-30	1994	Base Metal and Gold exploration included 1479 line km of regional airborne Mag and EM survey and HLEM and magnetometer surveys conducted over 5 grids, ground Mag surveys on the CED and GORD grids, detailed geological mapping over these grids, and regional
178	BHP Minerals Canada Ltd.	083412	CO-28,29	1994	Gold exploration included geological mapping at 1:500 scale and geochemical sampling (121 rock grab and channel samples, and 20 soil samples in total). Exploration focused on a couple of shear ones in felsic volcanic rocks. One, contains V.G., was mappe
179	BHP Minerals Canada Ltd.	083544	N/A	1995	Gold exploration included geological mapping, prospecting and geochemical sampling (143 rock and 68 soil samples in total). Assays as high as 5520ppb Au came from acicular arsenopyrite and stibnite in a 20-30cm wide quartz carbonate shear zone within gab
180	BHP Minerals Canada	083564	CO-27	1995	Gold exploration included the collection and analysis of 111 humus samples (the highest assay, 3.5g/t Au), a 1.3km ground magnetic and VLF EM survey, 6 diamond drill holes totalling 328m tested 2 zones and 68 core samples were analyzed. The best intersec
181	Noranda Expl. / Rhonda Mining	083565	CO-69	1995	Precious and base metal exploration included geological mapping, geochemical sampling (rock and till samples), 70 line-km of ground geophysical (IP) surveys over 9 target areas and the drilling of 7 DDHs totalling 1160m. From surface sampling the best as
182	Noranda	083661	CO-69		
183	Continental Pacific Res., Levi Stead	083714	CO-30	1996	

184	Benachee Res., Snowpipe Res.	083730	CO-08		
185	Monopros Ltd. / Inmet Mining	083804	CO-82	1997	1198 line km of airborne magnetics and EM and 123.03 line km of ground magnetics and EM (completed over 6 grids) were completed in this diamond exploration program. There were also two phases of sampling totalling 2575 samples. Six diamond drill holes t
186	Benachee Res Inc. / Snowpipe Res Ltd.	083808	CO-20,27	1997	18 till samples were collected with one yielding one ilmenite. Further work is recommended
187	Benachee Res Inc. / Snowpipe Res. Ltd.	083889	CO-40	1997	17 reconnaissance till samples have been collected and processed. The results of this work show an apparent erratic distribution of indicator minerals within the tills sampled. There were 4 anomalous till samples.
188	Benachee Res Inc. / Snowpipe Res. Ltd.	083893	CO-25,27	1997	14 geochemical samples were collected to follow-up 4 single count anomalous till samples which were clustered together within 1 sq. km. None of the samples contained anomalous concentrations of kimberlitic indicator minerals.
189	BHP Minerals Canada Ltd.	084005	CO-20	1998	Diamond exploration consisted of the collection of 17 till samples. No indicator minerals were collected.
190	Kennecott Canada Exploration	084061	CO-20	1998	
191	Muskox Holdings Ltd.	084154	CO-62	1999	