

MINERAL TITLES BRANCH
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**ASSESSMENT REPORT
GEOLOGICAL WORK ON CK GROUP
Volume I**

Notice to Group: 3121887

Kamloops Mining Division
NTS 83M/13 West Raft River
Latitude 51d 52' Longitude 119d 34'

Owner: Victor G. Wiens
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Saskatoon, SK., S7J 1T3

Consultant: Green Resources Ltd.
Consulting Engineers Since 1979
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Date Submitted: September 9, 1998

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

25,641

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- 002 - 1998 Proposed Drill Hole Locations, New Showing Zone, CK Mineral Property (B&W copy)	
* Longnitudinal Sections - 003 - 90+75 to 94+50	
- 004 - 94+75 to 100+75	
- 005 - 101+00 to 104+50	
* 28 Sections dwg #'s:	
(24 new DH sections, 4 existing)	
* 104+37	
* 103+87	
* 103+37	
* 102+87	
* 102+25	

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- * 101+75
- * 101+25
- * 100+00
- * 99+25
- * 99+00
- * 97+75
- * 96+75
- * 96+50
- * 96+25
- * 95+75
- * 95+50
- * 95+25
- * 95+00
- * 94+75
- * 94+25
- * 93+75
- * 93+25
- * 93+00
- * 92+75
- * 92+50
- * 92+37
- * 92+25
- * 92+12

- Appendix D
- * Index Map - Dwg 006
 - * CK Grouped Claims Map - Dwg 007
 - * Claim expiry date sheets
 - * Location Map of Sampling - Dwg 008
 - * Certificates of Assays
 - * Traverse Maps for GPS Survey - Dwgs 009, 010.

1. Introduction

1.1 Location and Access to CK Group Mineral Property

Site is located on NTS map West Raft River, 82 M/13, latitude 51d 53' longitude 119d 34', located approx. 54 km up the Forestry Road #9, West Raft River, near Clearwater, BC. See Appendix D for Index Map. The CK Group consists of 73 units among 24 claims named CK or Raft. See Appendix D for CK Grouped Claims Map. Expiry dates for claims are attached to map.

1.2 History of CK Mineral Property

* The following summary of work on the C.K. property since 1973 has been assembled from the files provided by Rea Gold.

1973: Large high-grade mineralized boulders were found in a creek valley by prospector Andy Home. Several hand trenches were dug in trying to locate their source.

1974: The property was dealt to Sincitine minerals who optioned it to Rio Tinto. Rio Tinto carried out an air borne EM.Mag survey, geochemistry, prospecting and four hole diamond drill program.

1975: Rio Tinto conducted an extensive program of regional grid geochemistry. Prospecting located a stratiform Zn/Pb showing about 3 km Northeast of the original boulders which was thought to represent the source. A limited program of mapping, magnetometer and IP surveying was followed by three drill holes in this area. Two of the holes intersected relatively thin stratiform Zn/Pb mineralization. The option was terminated and returned to Sincitine.

1976: Sincitine conducted a small program of backhoe trenching in the Main Boulder Area. No success was encountered and the property was returned to Andy Home.

1977: Paul Wright of Cominco examined the Property and an agreement with the owner was signed.

1978: Prospecting, geochemistry (600 samples), mapping and trenching, IP surveying (38 km), magnetometer survey (30 km), VLF-EM16 (22 km), diamond drilling (20 holes, 2114 m)

1979: Property mapping, blanket geochemistry (8000 samples), IP (4 km), and diamond drilling (18 holes, 2768 metres).

1980: Local detailed mapping, prospecting, blanket geochemistry (2000 samples), IP (12 km), diamond drilling (15 holes, 1277 metres).

1981: Summary Report

1982 – 1984: Dormant

1985: Property returned to A. Home

1986 – January: Property evaluation report by D. Blanchflower, Minorex Consulting for Rea Gold Corporation. Property subsequently acquired by Rea Gold/Verdstone Gold.

1986 – Summer: Re-establish central control grid, prospecting, blanket geochem in southern half of property, access road building, trenching.

1986 – Sept: Preliminary Economic Evaluation, J.M. Ashton and Assoc. Ltd.

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1986- Dec: Exploration Report 1986 program, Minorex Consulting Ltd.

1987 - Jan/Feb: Diamond drill program on New Showing (11 holes, 1373 metres, BQ).

1987 - June/Dec: Blanket geochemical survey (1289 samples), geological mapping (southern showings), diamond drilling (84 holes, 6975 metres, NQ).

1988 - Feb: Drilling and geological report on the 1987 Exploration by J.L. Oliver, for Minorex Consulting Ltd.

1988 - July : Review and compilation of all available data by Dolmage Campbell Ltd. for Rea Gold./Verdstone. " Ref. Dolmage Campbell report, Sept. 1988, p 8, 9

1988: Geochemical survey (529 samples), IP/Resistivity (20 km), magnetometer (11 km), trenching, claim staking, diamond drilling (19 sites, 3755 metres, NQ). Ref. Dolmage Campbell report, Feb 28, 1989.

Totals to 1988 work: * Diamond Drilling - 18,262 m, 167 holes
 * Geophysical Work
 - IP 74 km
 - Mag 41 km
 - VHF 22 km
 * Geochemistry - 12,400 samples

Estimate of approx. value of exploration work in 1998 \$Can:

1. Geophysical 137 km x \$1100/ km	\$ 150,000
2. Geochemical	370,000
3. Diamond Drilling 18,282m x \$100/m	1,830,000
4. Reports & Contingency	150,000
TOTAL ESTIMATE	\$2,500,000

2. Summary of Work

2.1 Scope of Work

Green Resources Ltd. was retained by Victor Wiens to prepare this report as based on a reconnaissance by the author of the CK Group mineral claims site and a review of previous diamond drilling work on the site; the report to consist of a proposal for diamond drilling on the CK Group mineral claims for a budget of roughly \$300,000 utilizing an existing diamond drill with a drill length capacity of 150m.

2.2 Prospecting

Prospecting work was performed on the CK Group claims site on 4 days, June 22 to June 25, 1998, on the "New Showing" located approx. 54 km up the Forestry Road #9, West Raft River, near Clearwater, BC. The work consisted of examining & sampling outcrops on the site, searching for existing claim posts and locating claim boundaries by GPS.

2.3 Geological

Geological work was performed on the CK claims through reconnaissance on the "New Showing" to examine possible diamond drill sites for a proposed fall of 1998 diamond drilling program, and by preparing maps and sections showing drill hole sites for the drilling program. Geological and prospecting work was supervised by the author, Don Green P.Eng. a professional mining engineer, including logging of information and performed sampling. 36 drill holes are proposed with a total length of 2925 m, averaging 80 m each.

3. Work Program

3.1 Prospecting

Observations:

June 22/98 Log

- * traveled to CK Group Claims up forestry road: West Raft River Road approx 50 km North of Clearwater, BC
- * checked old claim maps and NTS map for location of CK claims on NTS map 82 M/13
- * geared up and walked in on old trail (NE side of Kowalski Creek) into CK claims area
- * sampled 5 lb chip sample TR1-1 for assay later – description: Biotite Gneiss (no valuable minerals observed)
- * searched for SE corner post of claim CK81, found apparent old cut line but unable to find post
- * return to Clearwater

June 23/98

- * travel to claim site
- * flagged "Kowalski Ck Trail" on 200 m section station intervals
- * sampled small outcrop/trench (see map Appendix D for locations)
 - sample # TR3-1 grab sample of bedrock: red oxidized, pyrite, sphalerite and galena
 - # TR3-2 chip sample of bedrock: red oxidized, pyrite and sphalerite
- * sampled large outcrop/trench: 160' x 130' of outcrop old excavation
 - sample # TR4-1 chip sample of outcrop: red oxidized weathering on outside, pyrite, sphalerite and galena on fresh chipped surfaces
 - # TR4-2 chip sample of outcrop – description as per TR4-1 also with minor calcite
- * heavy rain for much of the day
- * returned to hotel, Clearwater

June 24, 1998

- * travel to CK Group claims
- * reconnaissance on old trails on ridge NE of "Kowalski Ck Trail" on New Showing looking at potential new diamond drill site locations and access
- * sample outcrop: TR1-2 chip sample of outcrop – Biotite Gneiss (no apparent valuable mineralization)
- * checked trail access to Boulder Zone
- * located approx. location for start of reconnaissance tomorrow (flagged orange)
- * located and observed location of old drill core
- * return to Clearwater

June 25, 1988

- * travel to site
- * locating posts and boundaries of CK mineral claims and location with respect to Raft River
 - * survey by Brunton Compass (22 deg Mag. N.) and belt string chain
 - * flag lines (orange or red), blaze trees on lines, cut brush
- * Kevin of Delibo Enterprises attended and located all posts with GPS unit (\$450 cost)
- * 13 hours in bush – return to hotel

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GPS Work:

GPS work was done to determine boundaries of mineral claims.
Ample supply of water was observed at top of ridge for provision to diamond drilling operations.
Water is also available from Raft River.

Assay Results:

	%Zn	%Pb	Ga ppm
* TR3-1	19.6	5.23	17
* TR3-2	1.32	-	21
* TR4-1	24.0	4.54	17
* TR4-2	26.2	4.89	13

Overall, these are excellent assay for lead and zinc values.
Reference TSL labs certificates of analysis in Appendix D. Also see multielement ICP analysis.

Cost Statement:

* GPS unit rental (See invoice attached)	\$450
* Assaying – (to form part of Engineering Cost Statement)	-
* Prospecting Labour	
* Victor Wiens (CK Group mineral property Owner), FMC# 141025 4 days x \$100/day	400
* Don Green, P.Eng. (labour to be part of Engineering Cost Statement)	n.c.
* Bev McKenzie 4 days x \$100/day	400
* Food and Accommodation	
- 5 nights x \$30 night x 2 persons	300
- 6 days x \$30/ day x 2 persons	360
- disbursements – bear mace, phone, photocopying, gear rental	260
* Travel (20% of total before travel)	
- 4 x 4 truck on road 1000 km	250
- 4 x 4 truck off road	180
* <u>Total:</u>	<u>\$2,600</u>

See Section 4. Itemized Cost Statement

3.2 Geological

Introduction – New Showing Drilling Program

Recommendations by Others:

Oliver suggests more drilling in New Showing Zone between section lines 100+50 and 101+50 m and deeper drilling "if guided by favourable structure contours or mineralization or by contoured grade thickness isopachs." He also states that the deposit is adequately drilled to 100m depth.

In the Compilation Report, CK Property, Sept 1988, by Rotzien, Mac Fayden and Chamberlain, they state (p 9, 13) that:

" New Showing: Detailed diamond drilling completed has delineated the zinc/lead mineralization over a strike length of 1.5 km and a down dip length of 150 m to 200 m. Although the horizon is cut in several places by pegmatite, dike rocks and faults, it has been shown that sufficient continuity exists for mining. In addition, isoclinal folding has resulted in the thickening of the 0.5 m to 1.5 m horizon up to 13m in the hinge zones of the folds.

To date insufficient drilling has been completed to determine if the New Showing extends to the East Side Showing to the North or to the Spring Showing to the south."

" Test the strike continuity of the mineralized horizon between the New Showing and the East Side Showing. This work is anticipated to involve three to five hole diamond drilling program"

They also recommend geophysical, geochemical surveys north and south of the New Showing to attempt to find a mineralized deposit at least of the same order of magnitude as the New Showing. They also state that geological reserve calculations are pending. (no copy in our files.)

Also see Appendix B: Mining and Exploration Potential New Showing
Ref. Various Authors

Drilling Locations

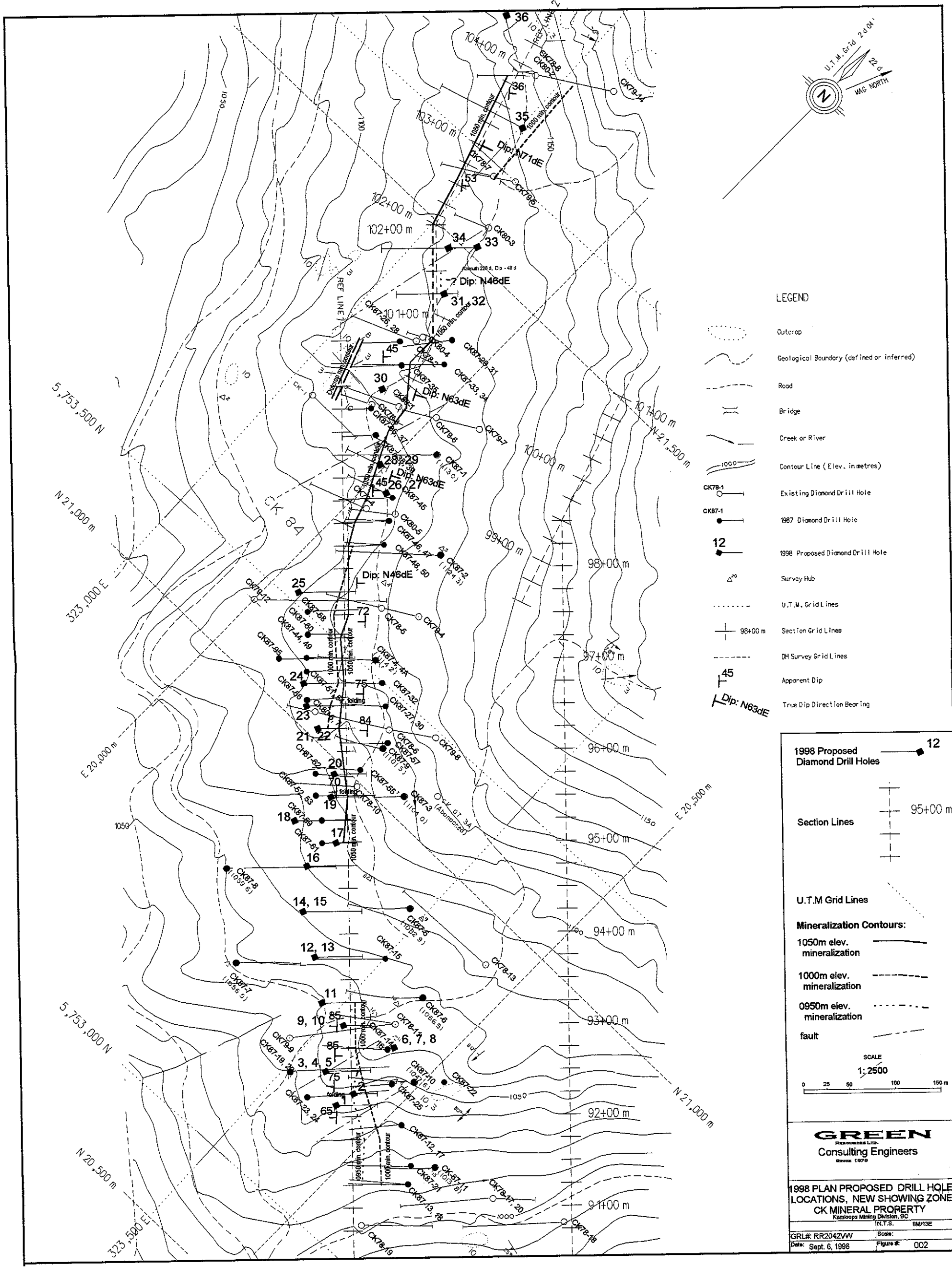
On the basis of these recommendations, we have devised a diamond drilling program for 1998 that locates section drilling on a 25 m nominal spacing, c/w maps & drawings including a map on p. 8a showing drill sites, and in Appendix C: 3 longitudinal sections with contour thickness*grade isopachs and 24 section drawings. Also in Appendix C is Chart: Proposed 1998 Drilling Program CK Property Locations - for exact co-ordinate locations. Approximate locations in rough order of priority – 36 drill holes total at sites on 24 sections:

1. 24 DH in the New Showing to check out favourable structure where the horizon thickens, folds and grades are high, and to reduce drill hole spacing which can be locally too far apart:
 - 10 - 92+00 to 93+25
 - 4 - 95+25 to 95+75
 - 4 - 96+25 to 96+75
 - 1 - 97+75
 - 4 - 99+00 to 99+25
 - 1 - 100+00

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2. 4 DH in the area between the New Showing the East Side Showing
5 - 101+25 to 101+75
3. 2 DH additional drilling in the East Side Showing where existing drill
holes are too far apart & check extension of strike to the north
2 - 103+37 to 104+37
4. 6 DH to check out apparent barren zone and reduce drill holes spacing
which are too far apart
6 - 93+50 to 95+00.

These drill holes are anticipated to be from 42d to vertical and up to 135 m (450') long, drilling perpendicular to strike, a minimum of BQ in diameter with strict survey control, down hole dip logging and core logging by Geologist. In addition, deeper holes with a larger diamond drill are recommended 50m to 100m deeper, particularly at the New Showing thickened and high grade isopach mineralization locations. Favourable findings would lead to a calculation of Zn-Pb geological reserves for the New Showing deposit on the CK Group of claims.



- LEGEND**
- Outcrop
 - Geological Boundary (defined or inferred)
 - Road
 - Bridge
 - Creek or River
 - Contour Line (Elev. in metres)
 - Existing Diamond Drill Hole
 - 1987 Diamond Drill Hole
 - 1998 Proposed Diamond Drill Hole
 - Survey Hub
 - U.T.M. Grid Lines
 - 98+00 m Section Grid Lines
 - DH Survey Grid Lines
 - Apparent Dip
 - True Dip Direction Bearing

1998 Proposed Diamond Drill Holes

Section Lines 95+00 m

U.T.M. Grid Lines

Mineralization Contours:

- 1050m elev. mineralization
- 1000m elev. mineralization
- 0950m elev. mineralization
- fault

SCALE
1:2500

0 25 50 100 150 m

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Consulting Engineers
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**1998 PLAN PROPOSED DRILL HOLE LOCATIONS, NEW SHOWING ZONE
CK MINERAL PROPERTY**
Kamloops Mining Division, BC

GRL#: RR2042VW
Date: Sept. 6, 1998

N.T.S. 6M/13E
Scale:
Figure #: 002

4. Itemized Cost Statement

Engineering Report & Field Work

		Eng.	Prosp.
<u>Professional Fees:</u>			
Don Green, Senior Mining Engineer			
* Preparation for field work 2 dys x 8 hrs/dy x \$75/hr	\$1,200	-	-
* Site field work & travel - 6 dys x 8 hrs /dy x \$75 / hr	3,600		
* Office review of files and prepare application for exploration and grouping reports, drawings - 7 dys x 8 hrs / dy x \$75/ hr	4,200		
* Prepare Assessment Report - 4 dys x 8 hrs/dy x \$75/hr	2,400		
* Prepare & check copies of report and dwgs, ship - 2 dys	n.c.		
		\$11,400	-
Brad Piteau, Mining Engineer			
* Site field work & travel - 6 dys x 8 hrs / dy x \$37.50 / hr	1,800		
		1,800	-
Word Processing	300		
		300	-
<u>Equipment Rental:</u>			
* reconnaissance equipment - chain saw, belt chain etc \$40/dy x 6 dys	240	240	-
* GPS equipment rental - 1 day	450	-	450

Prospecting & Physical Work

R. Wiens	4 dys x \$100 / dy	400	-	400
Bev McKenzie	4 dys x \$100 / dy	400	-	400

Disbursements

Field Work:

* travel to site: GRL - 1400 km x \$0.25 / km (on road)	350	-	-
Other - 1800 km x \$0.25 / km (on road)	450		
* travel at site: GRL - 350 km x \$0.55 / km (off road) + \$60 /dy x 4 dys	200		
	240		
* Accommodation: 5 persons x \$30/ night x 5 nights (actual costs 2 rms x \$75/nite x 5 nights / 5 persons - \$30 / night)	750		
* Food per diems: 5 persons x \$30/dy x 6 days	900		
* Assaying	200		
* Misc purchases - ie. bear mace, film & photodeveloping	100		
* Other miscellaneous	300		
* phone, fax, photocopying	150		
	(\$3640)	-	-

5. STATEMENT OF ENGINEERING QUALIFICATIONS AND CERTIFICATION

I am pleased to submit this Statement of Engineering Qualifications and Certification. Green Resources Ltd. (GRL) and Donald H. Green, P.Eng. of GRL are proficient in providing professional engineering and management services to aide in the evaluation and development of mining projects. We are qualified by virtue of training, experience and certification. We have previously carried out assignments on mining properties in various parts of Canada. Victor Wiens has engaged Green Resources to prepare the Assessment Report on the CK Group mineral properties.

Donald H. Green, P.Eng., President of Green Resources Ltd., the author of the foregoing report (the Engineer) here by certifies:

* that the Engineer's name, address and occupation are as follows:

Donald H. Green, B.Eng. (Mining), P.Eng., of Alberta Beach, Alberta is the Engineer of Record, and is a Director and a Senior Consulting Mining Engineer working for Green Resources Ltd.

* that the Engineer's qualifications are as follows:

He is a graduate of McGill University in Mining Engineering 1973, is a member of the Association of Professional Engineers, Geophysicists and Geologists of Alberta (APEGGA) and also for British Columbia, and holds a Mine Manager's Certificate in the Province of Alberta. He has been previously registered as a Professional Engineer in other provinces of Canada and is qualified to register in all provinces and territories of Canada. He practised his profession as a Mining Engineer continuously since 1973.

* that the source of information contained in this report is based a review of referenced documents supplied by a previous owner of the CK Group claims. GRL is not responsible for the preparation and contents of these supplied documents.

* that the Engineer is not a director, officer or employee of Victor Wiens, and is not a partner, employer or employee of any such director, officer or employee of Victor Wiens.

* that the Engineer and any partner to the Engineer has not, directly or indirectly, received and does not expect to receive any interest, direct or indirect, in the property of Victor Wiens or any affiliate, and does not beneficially own, directly or indirectly, any securities of Victor Wiens or the CK Group Mineral Property or any affiliate.

Green Resources Ltd.

Green Resources Limited here by certifies:

* that GRL, incorporated in 1979 in the Province of British Columbia, is registered in the Province of Alberta, has a Permit to Practice Engineering, APEGGA, Province of Alberta.

* that GRL and any partner to GRL has not, directly or indirectly, received and does not expect to receive any interest, direct or indirect, in the property of Victor Wiens or any affiliate, and does not beneficially own, directly or indirectly, any securities of Victor Wiens or the CK Group Mineral Property or any affiliate.

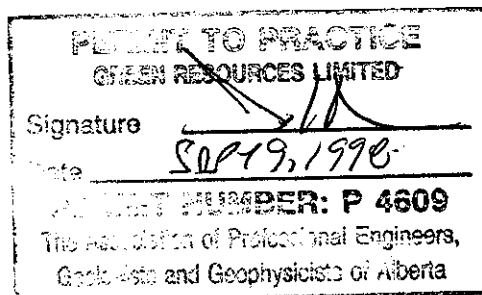
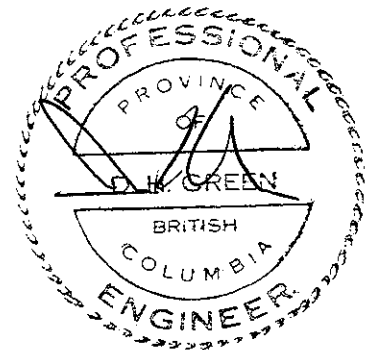
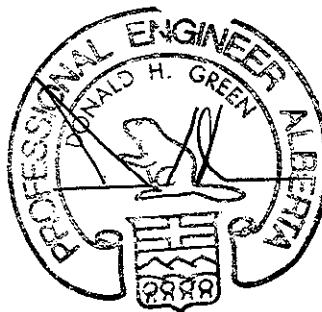
This report is copyrighted to Donald H. Green.

Certified at Alberta Beach, Alberta on the Sept 9, 1998.

Green Resources Ltd.



Donald H. Green, P.Eng., President



Green Resources Ltd.

Appendix A: List of References

Blanchflower, J.D.B., Minorex Consulting Ltd., Exploration Report on the Ck Property, April 24, 1987

J.S. Oliver, Drilling and Geological Report on the 1987 Exploration of the Ck Property, Feb. 26, 1988, 54 p plus appendices

Rotzien, J.L., Macfadyen. M.A., Chamberlain, J.A., Dolmage Campbell Ltd., Compilation Report Ck Property, September, 1988

Rotzien, J.L., Macfadyen. M.A., Dolmage Campbell Ltd., Geophysical, Geochemical, Diamond Drilling and Geological Report on the 1988 Exploration of the SYN Claims, CK Property, Vol 1, February 28, 1989.

Drill logs: Cominco & Minorex; Minorex Geological Sections (1978 to 1987)

Appendix B: MINING AND EXPLORATION POTENTIAL NEW SHOWING
Ref. Various Authors

1. "The exploration potential of this property is excellent. This statement is based on the known high-grade mineralization at the New Showing Zone and the very encouraging results from recent work on the other high-grade zinc showings.

Exploration results show that the Ck stratiform lead-zinc mineralization, like many of the other Shuswap-hosted stratiform deposits, is very conformable and continuous over a strike length of, at least 20 kilometres. The known zones within this length have been sampled and the results indicate that much of the mineralization in the southern portion of the property hosts interesting lead and silver values with very high grade zinc values.

The stratiform sulphide horizon at the New Showing has been traced by widely-spaced drilling over a strike length of 1,250 metres. The drilling results for 600 metres of this length show that the sulphide horizon has an average grade of 1.6% lead and 11.2 % zinc over a probable true thickness of 2.5 metre " (8.2 ft). Blanchflower, April 24, 1987, p 18.

2. "New Showing. Detailed diamond drilling completed in this area has delineated the zinc/lead mineralization over a strike length of approximately 1.5 kilometres and a down dip length in the order of 150 metres to 200 metres. Although the horizon is cut in several areas by pegmatite, dike rocks and faults, it has been shown that sufficient continuity exist for mining. In addition, isoclinal folding has resulted in the thickening of the 0.5 m to 1.5 m horizon up to 13 m in the hinge zones of the folds." Rotzien et Al, Sept, 1988, p 9.

3. The Fisher, J.W., 1988 report on Metallurgical Test Work demonstrates that the drill-indicated ore in the New Zone is concentrateable with a high iron content in the zinc concentrate.