

Willa
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889531

WILLA

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Tuesday, August 06, 2002 7:24 AM
To: XT:Chapman, John Leader Mining International Inc EAO:IN
Subject: RE: Data on Willa Project

Thanks very much, John.

Tom
Tom Schroeter, P.Eng./P.Geo.
Senior Regional Geologist
Resource Development Division
Ministry of Energy and Mines

Direct Telephone 604 660-2812
Messages & Enquiries 604 660-2708
Facsimile 604 775-0313
email tom.schroeter@gems6.gov.bc.ca
Autotel 604 662-9091

Also has ALL reports from
Tremineo and Northair

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Thursday, July 25, 2002 9:04 AM
To: Winnie Wong; Scott C Davis; Ron Coombes; Gerald Carlson; Mark Brown
Cc: Mike Hudock; Gay Downing; Joy Wingert; Jean & Bill Wingert
Subject: Data on Willa Project

Hi Folks,

I have catalogued the Willa data that I have assembled from UBC, Peter Leontowicz, et al. The data (reports, maps, drill logs, etc.) fills some 15 bankers file boxes and two large map boxes. Attached is the catalogue for you files.

Regards, John

* Oct. 8/02 - Chat with John Chapman
(+ Bethlehem Rgs.) put WILLA project into production
- Orphan Bay's plans to ship/truck ore to its Goldstream mill facility
(est. ~ 3 yrs. mine life; plus good upside expl'n potential) and
(Cap. Cost ~ \$5M only!)
- Dowra interested in Orphan Bay's regional properties,
esp. Spire & Boutwell showing

Orphan Boy Resources Inc.
WILLA GOLD-COPPER-SILVER PROPERTY
SILVERTON, BC, CANADA

Catalogue of Reports in Orphan Boy's Offices – June 15, 2002
(3 pages total)

Document Date	Document Description	Comments
1980/12	Aylwin Creek Claims, Geology, Geochemistry and Drilling 1980 (Volumes I, II, III and IV), D.C. Durgin	1 Additional Copy of Text Only (Vol I)
1981/12/07	Aylwin Creek Project, Environmental Reconnaissance, R.M. Redgate and D.F. Porter of Environmental Affairs BP Canada Inc.	
1982/01	Aylwin Creek Project, Geology, Geochemistry and Drilling 1981 (Volume I, II and III), C.D. Spence	1 Additional Copy of Text Only (Vol I)
1983/02	Aylwin Creek Project, Geology, Geochemistry and Drilling 1982 (Volume I and II - text and maps), C.D. Spence	1 Additional Copy of Text Only (Vol I)
1984/04	Aylwin Creek Project, Final Report on 1983 Diamond Drilling Program, R.H. Wong	1 Additional Copy
1984/12	Aylwin Creek Project, Final Report 1984 Field Season (Volume I and II), R.H. Wong	1 Additional Copy
1985/02	Farm-Out Proposal for the Aylwin Creek Project, BP Minerals Limited/Rio Algom Incorporated Joint Venture, R. Wong	1 Additional Copy
1985/03	The Aylwin Creek Gold-Copper-Silver Deposit, Kevin B. Heather, MSc Thesis Queens University	
1985/05	Cost Estimate & Contract Proposal for Underground Development, Shadow Mine Development	1 Additional Copy
1985/09	Cost Estimate & Contract Proposal for Underground Development, The Tonto Group of Companies.	
1985/12/18	The Recovery of Copper, Gold and Silver, Willa Project, Progress Report No. 1, Lakefield Research	1 Additional Copy
1986/04	Willa Project Final Report, Geology, Drilling and Drifting (Volume I and II – text and maps), L.J. Werner	1 Additional Copy of Set Plus 1 Additional Copy of Text (Vol I)
1986/04/16	The Recovery of Copper, Gold and Silver, Willa Project, Progress Report No. 2, Lakefield Research	1 Additional Copy
1986/06	Willa Project, Offer of Environmental and Engineering Services Ker, Priestman & Associates Ltd.	
1986/07/25	Summary Report, Geology, Drilling and Drifting, L.J. Werner	
1986/10/17	Review and Proposals, the Willa Property, P.W. Richardson	1 Additional Copy
87/02	Exploration Grant 10962E-38 Willa Project, R. Beckett	

Document Date	Document Description	Comments
1987/03	Willa Project Mine Development Review Process, Correspondence Document Brief (3-3 ring binders)	
1987/04	Willa Project, Exploration, Winter 1986-1987, R.J. Beckett	2 Additional Copy
1987/04/18	The Recovery of Copper, Gold and Silver, Willa Project, Progress Report No. 3, Lakefield Research	1 Additional Copy
1987/04/27	Ore Reserves & Proposed Exploration Programme, the Willa Property, P.W. Richardson	1 Additional Copy
1987/05	Willa Joint Venture Prospectus, Rescan Environmental Services Ltd.	
1987/07	Willa Project Preliminary Design Considerations and Cost Estimation for Tailings Impoundment, Rescan Group Ltd.	
1987/11	Willa Project, Tailings Disposal Site Evaluation, Rescan Environmental Services Ltd.	
1987/12/11	The Recovery of Copper, Gold and Silver, Willa Project, Progress Report No. 4, Lakefield Research	1 Additional Copy
1988	Photo Album	
1988	Willa Project, Executive Summary 1988, Northair Mines Ltd.	2 Additional Copies
1988/12	Willa Project 1988 Summary Report (Volume I and II - text plus maps), D.B. Petersen	1 Additional Copy of Text (Vol I)
1988/02	Willa Project, Site Selection Feasibility Study, R.W. Palmer & Associates Inc.	
1988/03	Willa Project Stage I Environmental Assessment, Rescan Environmental Services Ltd.	3 Additional Copies +2 Draft Copies
1988/06/21	Proposed Mining Plan for Development of the Willa Orebody, The Tonto Group of Companies, Robin McLatchy, Chief Engineer	Drawings Missing from Report
1988/10	Willa Project Responses to Stage I Report Comments	1 Additional Copy
1988/10/18	Metallurgical Report on Pilot Plant Operation, Willa Property, G.W. Hawthorn	1 Additional Copy
1988/12	Willa Project, 1988 Status Report, I. Murray	1 Additional Copy
1988/12	Willa Project, 1988 Report on Ore Reserves, D.B. Petersen (Volume I and II)	2 Additional Sets
1990/06	Willa Gold Project, Environmental Review Documents Stage I Report and Comments	
1991/01	Preliminary Approach to Mining and Grade Evaluation, Willa Project, D.J. Barker	
1991/02	Interim Reclamation Plan, Willa Property, Treminco Resources Ltd.	
1991/04/26	The Willa Project, Information Related to Proceeding to Production, Treminco Resources Ltd.	
1993/04/22	Chemex Assay Sheet and UG Plan Map Showing Treminco Check Sampling at Willa	

Document Date	Document Description	Comments
1994/10/15	The Willa Project, Information Related to Proceeding to Production – Revised, Treminco Resources Ltd.	
1996/04	Mine Plant Design for the Willa Project (Volume I and II), Fourth Year Class Mining & Mineral Processing Department, University of BC	
1998	Binder Containing Willa Property Agreements and Litigation between Vendors and Treminco	
Various Years	Five Bankers File Boxes of Drill Logs, Assay Sheets	
Various Years	Two Large Map Boxes with 100's of Rolled Maps	
No Date	Willa West Deposit "Model" on Plastic Sections	

TGS → WILLA

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Friday, November 08, 2002 4:00 PM
To: XT:Chapman, John Leader Mining International Inc EAO:IN
Cc: Ron Coombes
Subject: RE: Willa project

Yes, if you folks thought my presence would be beneficial. At this time, I would be available on the 24th and 25th.

Tom
Tom Schroeter, P.Eng./P.Geo.
Senior Regional Geologist
Resource Development Division
Ministry of Energy and Mines

Direct Telephone 604 660-2812
Messages & Enquiries 604 660-2708
Facsimile 604 775-0313
email tom.schroeter@gems6.gov.bc.ca
Autotel 604 662-9091

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Friday, November 08, 2002 2:37 PM
To: Schroeter, Tom EM:EX
Cc: Ron Coombes
Subject: FW: Willa project

Tom, Toshiaki Suyama is Deputy General Manager and Senior Geologist Dowa Raw Materials Department. Would you be interested in attending any of these meetings if ORS agrees? John

-----Original Message-----

From: orphanres [mailto:orphanres@telus.net]
Sent: November 8, 2002 5:00 AM
To: John A. Chapman
Subject: Fw: Willa project

----- Original Message -----

From: <Dowaseki@aol.com>
To: <orphanres@telus.net>
Cc: <suyamat@dowa.co.jp>; <dowakata@telus.net>
Sent: Wednesday, November 06, 2002 10:27 AM
Subject: Willa project

> Mr. Ronald Coombes

> President & CEO

>

> Dear Ron,

> As I told previously, our senior geologist, Mr. Suyama, would like to visit Vancouver for the purpose to discuss with your geologist and visit the property area.

> His preferred itinerary is as follows;

> Nov. 24(Sun) Arrive at Vancouver

> Nov. 25(Mon) Meeting with your geologist

> Place:Vancouver or other?

> Nov. 26(Tue) Visit the site including underground

> Take the plane leaving YVR at 6:50am for Castlegar

> Nov. 27(Wed) Continue to site tour and then back to Vancouver

> Take the plane leaving Castlagar at 16:05pm for Vancouver

> Nov. 28(Thu) Stanby

> Nov. 29(Fri) Leave for Tokyo

>

> Please advise us of your availability, and the expected temperature, weather condition and suitable clothes at the property area.

>

> I am looking forward to your reply.

>

> Akira Sekiguchi

> Dowa Mining Co., Ltd.

>

> P.S. As I mentioned, please contact to Mr. Kataoka in our Vancouver office after the next Saturday(Nov.9).

>

>

Schroeter, Tom EM:EX

→ Willa

From: John A. Chapman [jacms1@sprynet.com]
Sent: Friday, November 08, 2002 1:54 PM
To: James Gouk; Suffredine.MLA, Blair LASS:EX
Cc: Falcon.MLA, Kevin LASS:EX; Alan Mason; Campbell, Gordon LASS:EX; Collins.MLA, Gary LASS:EX; Neufeld.MLA, Richard LASS:EX
Subject: Goldstream Willa Project - TSX.V:ORS



ors news 20021016 ors bbmp brochure j chapman cv.doc
feasibility.... 20020930.pdf...

Gentlemen,

Attached is some information on a proposed mining project in your ridings. Development of the Goldstream Willa project would result in the creation of approximately 90 high paying jobs for mining, transportation and processing in the New Denver and Revelstoke area.

I have developed many mines in my career. The Goldstream Willa project at the preliminary review stage appears to be technically feasible and economically viable. The feasibility is now underway. It is my opinion that the only hurdle to development will be the political environmentalists in the civil service (provincial and federal) and the political environmental activists in the general population in the New Denver area, that continually strangle and eventually kill resource projects while being hypocrites (taking advantage of modern materials) and parasites (on the dole) upon our society (at the expense of working citizens and residents that pay taxes).

I find it absurd that we continue to pander to these political environmentalists when BC actually became a "have not" province in 2001 (more federal transfer payments in than federal taxes paid) and that for the first time in the history of the province we did not generate enough electricity to supply our internal needs, thereby becoming a net importer of electric power - shame!

I recently was a lead developer on a \$200 million mine development project in Ontario that only took 60 days to permit (Lac Des Iles, now Canada's largest palladium producer). Also, in Manitoba I permitted the Keystone Gold project to production in 6 months. It is time that British Columbia got on track to approve their resource projects quickly - if we plan to get back to a higher standard of living (like we had in the 60s and 70s in BC).

I trust that recent and proposed changes by the BC Liberals to fast-track development of BC mineral resources will have an immediate positive influence on the Goldstream Willa project.

Visit www.orphanboy.com for more information on Orphan Boy Resources Inc. and its Big Bend Metals project.

Sincerely,
Orphan Boy Resources Inc.

John Chapman
Director
604.536.8356

TGS-ORS

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Sunday, November 17, 2002 7:09 AM
To: XT:Chapman, John Leader Mining International Inc EAO:IN; Gordon Gibson
Cc: Craig Payne; David Makepeace; Gerald Carlson; Ron Coombes
Subject: RE: Dowa Visit to ORS

Thanks again for the invite. it will be my pleasure to attend on the 25th.

Tom

Tom Schroeter, P.Eng./P.Geo.
Senior Regional Geologist
Resource Development Division
Ministry of Energy and Mines

Direct Telephone 604 660-2812
Messages & Enquiries 604 660-2708
Facsimile 604 775-0313
email tom.schroeter@gems6.gov.bc.ca
Autotel 604 662-9091

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Saturday, November 16, 2002 5:30 PM
To: Gordon Gibson
Cc: Craig Payne; Schroeter, Tom EM:EX; David Makepeace; Gerald Carlson; Ron Coombes
Subject: RE: Dowa Visit to ORS

Gordon,

I will contact Tom Schroeter and seek his attendance - I had earlier asked him to be on standby if needed.

We will be around a large round conference table (6 people max). I have a good slide presentation on Spire that I received from Steve Robertson. I will have my laptop and a digital projector available.

We also will have the three high-grade Spire core boxes at the meeting (plus other Spire samples from Imperial).

Thanks for checking on Wigwam samples - contact Paul directly, as you now have his email.

Best regards,
John

-----Original Message-----

From: Gordon Gibson [mailto:ggassoc@telus.net]
Sent: November 16, 2002 5:18 PM
To: John Chapman
Subject: Re: Dowa Visit to ORS

2002-11-17

Sat 16 Nov 2002 04:26 PM PST

John,

Thank you for confirming the time & place for the Dowa meeting.

Yes - I'm available to present the Goldstream portion. Craig P. & I have assembled an appropriate set of maps for the talk. These begin with the regional setting then home in on Goldstream, C-1 and SPIRE. I'm assuming we'll have a relatively small group, around a conference table? The plotted maps are color plans, sections, and 3D obliques, D & E size.

I'll also bring along a few cut slabs of representative Goldstream ore and host units.

Must say, it will be good to have Tom Schroeter in attendance! Tom has followed developments on the SPIRE since its discovery in 2000.

John--I'll see what I can dig up on the Wigwam ...seem to recall there's a sample of that unusual sulphide-silicate "fragmental" (taken from the No.11 underground) in my rock cabinet. If so, I'll knock a piece off of it and send it to Paul [who is a colleague from U.B.C. grad school in the '80s].

Regards,

Gordon Gibson

At 03:42 PM 16/11/2002 -0800, you wrote:

Gordon,

I understand from Craig Payne that you will be available for a Goldstream Area presentation to Dowa on November 25th (Craig said he would not be available). The meeting is scheduled to commence at 8am at Orphan Boy's Vancouver office: 6th floor, 325 Howe Street. I will open the session with a slide presentation on ORS, then you can present on the Goldstream Area discovery potential. Dave Makepeace will be the third presenter with the Willa deposit.

Please give me a call at 604.536.8356 if you have any questions or suggestions.

Regards,
John Chapman

>----- Original Message -----
>From: <Dowaseki@aol.com>
>To: <orphanres@telus.net>
>Cc: <suyamat@dowa.co.jp>; <dowakata@telus.net>
>Sent: Wednesday, November 06, 2002 10:27 AM
>Subject: Willa project

>> Mr. Ronald Coombes
>> President & CEO
>>

>> Dear Ron,
>> As I told previously, our senior geologist, Mr. Suyama, would like to
>visit Vancouver for the purpose to discuss with your geologist and visit
the
>property area.
>> His preferred itinerary is as follows;
>> Nov. 24(Sun) Arrive at Vancouver
>> Nov. 25(Mon) Meeting with your geologist
>> Place: Vancouver or other?
>> Nov. 26(Tue) Visit the site including underground
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>> Nov. 28(Thu) Stanby
>> Nov. 29(Fri) Leave for Tokyo
>>
>> Please advise us of your availability, and the expected temperature,
>weather condition and suitable clothes at the property area.
>>
>> I am looking forward to your reply.
>>
>> Akira Sekiguchi
>> Dowa Mining Co., Ltd.
>>
>> P.S. As I mentioned, please contact to Mr. Kataoka in our Vancouver
office
>after the next Saturday(Nov.9).
>>

Toshiaki SUYAMA \$B!J?^;3=SL@!"86NAIt!"I{ItD9!K(J
Deputy General Manager
Senior Geologist
Project Development and Evaluation
Raw Materials Department
Metals Company
DOWA MINING CO., LTD.
8-2 Marunouchi 1-Chome
Chiyoda-ku, Tokyo 100-8282 Japan
Phone: +81-3-3201-1083
Fax : +81-3-3215-5171
E-mail: suyamat@dowa.co.jp
URL : <http://www.dowa.co.jp/>

R

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Tuesday, November 26, 2002 8:12 AM
To: Cathro Mike (E-mail); Terry, David EM:EX
Cc: Lefebure, Dave EM:EX
Subject: Orphan Boy Res. & DOWA Meeting - CONFIDENTIAL

Importance: High

Mike, Yesterday, I spent 5 hours with Orphan Boy Res. and DOWA Mining Co. discussing OBR's plans to truck ore 240 km from its Willa Au-Cu property near Silverton to its mill at Goldstream. It's just starting a feasibility study and hope to complete it by June 2003. It is based on the assumption of a capital cost of ~\$5M to conduct 'check' studies at Willa and get the Goldstream mill 'prepared' to accept and treat the Willa ore. In addition, OBS plans an expl'n program to DOUBLE the known resources. In the Goldstream area, DOWA is interested in the expl'n potential of the Besshi-type VMS deposits, such as Goldstream, Spire, C-1 and Boutwell. Gordon Gibson gave a great geological presentation. DOWA is interested in the higher grade (precious metals) of the copper deposit at Willa, as well as possible new discoveries in the Goldstream area.

I gave a brief update of the new BC government's attitude and role in promoting and developing mineral resources. There were 3 DOWA folks at the meeting; one from Tokyo and the other two from the Vancouver office. I am trying to interest Dowa to get more 'actively' involved in mining in BC - both at the mine/development level, as well as the exploration level. DOWA is still interested in Tulsequah Chief and Myra Falls.

Tom

Tom Schroeter, P.Eng./P.Geo.
Senior Regional Geologist
Resource Development Division
Ministry of Energy and Mines

Direct Telephone 604 660-2812
Messages & Enquiries 604 660-2708
Facsimile 604 775-0313
email tom.schroeter@gems6.gov.bc.ca
Autotel 604 662-9091

Schroeter, Tom EM:EX

TGS → WILLA

From: John A. Chapman [jacms1@sprynet.com]
Sent: Tuesday, April 01, 2003 7:37 AM
To: Dennis Llewellyn
Cc: Ron Coombes; XT:Marlow, Jim EAO:IN; Al Gerun; Dan Jepsen; Gary Livingstone
Subject: Letter of Support for ALTIA



altia proposal
200303.pdf

Dennis,

Jim Marlow and I attended the ALTIA (250.265.4443) meeting last Tuesday in Nakusp. We found the group to be well constituted (all the big industry players in the region in attendance) and conducting their affairs with clear objectives and strategy. They are asking for letters of support for the proposal on the causeway crossing at Galena Bay and the other two smaller crossing proposals (Needles and Arrow Park).

Orphan Boy Resources Inc. agrees with ALTIA's plans as these crossing will improve the transportation efficiency of this mineral rich region. It is also most encouraging to see some private enterprise taking initiative on this project. We will be writing a letter of support to ALTIA today. I strongly recommend that the Chamber of Mines of Eastern BC do the same.

Best regards,
John

PS. See ALTIA brochure attached.

OUR MISSION

For nearly 40 years, we in the Arrow Lakes have suffered the inconveniences of a ferry system intended as a temporary substitute until promised bridges and crossings could be built. Forced to adjust lifestyles to accommodate a lack of access and egress, we have also had to watch as major economic developments passed up on our area.

At the same time the B.C. Government, has been struggling with increasing service demands and spiraling maintenance costs for these Ferries.

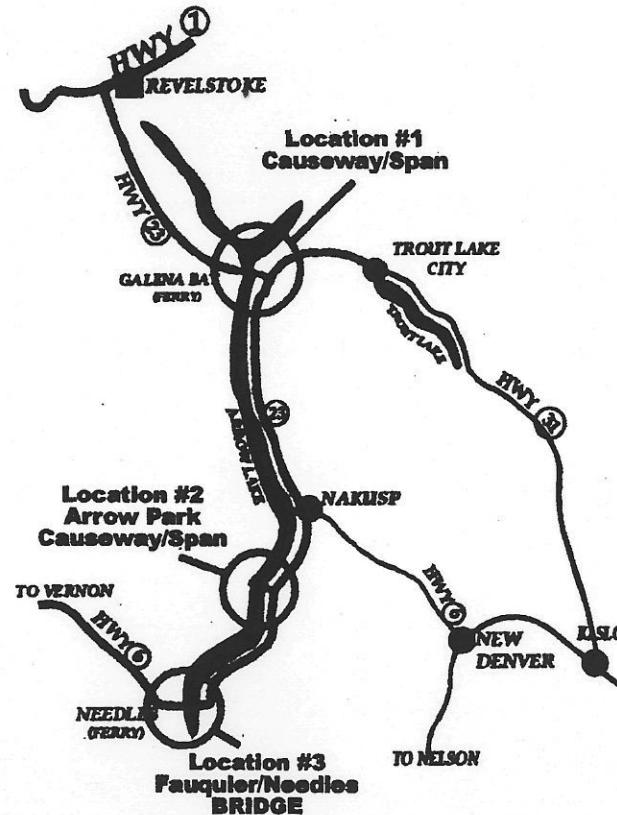
Recent proposals for service cutbacks and tolls are certainly not the answer.

THE FERRIES MUST GO!

ALTIA is a group of like-minded volunteers who are trying to find a solution. Working with our B.C., Government, and other interested parties we have evolved a plan which will put an end to this situation once and for all.

If successful, our proposal will not only solve the Government budgetary problems but open the doors to dynamic new economic opportunities for everyone. We know it won't be quick or easy.

ALTIA CONNECTING WITH THE REST OF BRITISH COLUMBIA



Arrow Lakes Transportation Infrastructure Association

Box 531

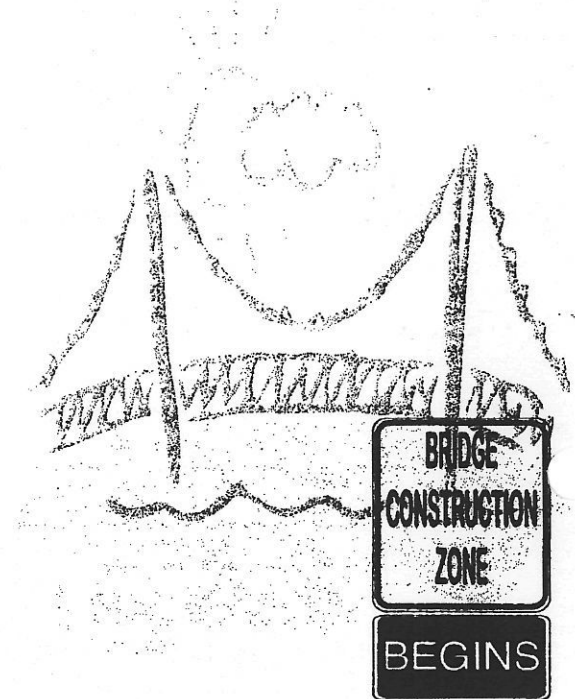
Nakusp, B.C., V0G 1R0

(250) 265-4443

e-mail altia@columbiacable.net

Office at 86 - 3rd Avenue S.W.

ARROW LAKES TRANSPORTATION INFRASTRUCTURE ASSOCIATION



OPENING THE
HIGHWAYS TO
THE FABULOUS
WEST KOOTENAY

OUR PLAN

OVERVIEW

There is little sense in continuing to throw good money after bad in an effort to support a system that can NEVER properly service the transportation needs of this large and growing region. Ferry operating costs alone are now in excess of 4.6 million and growing. On the other hand, today's fiscal constraints dictate that a creative approach to funding any new infrastructure is essential.

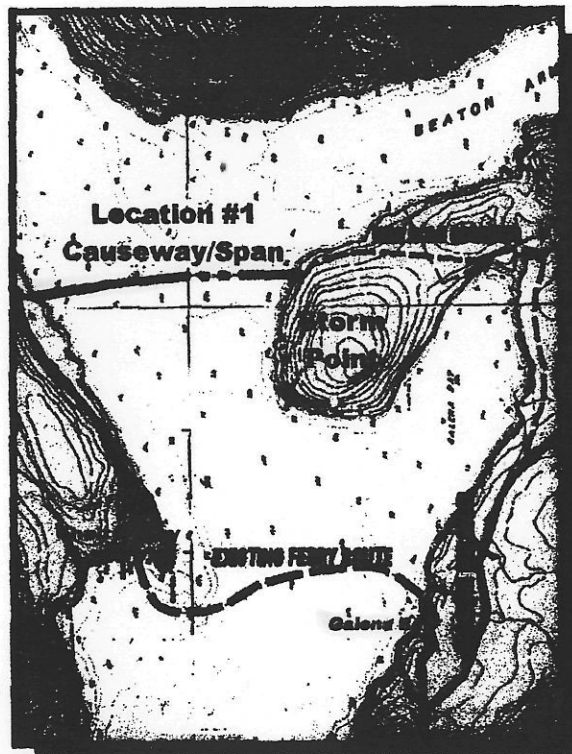
OUR SOLUTION

Make use of some of the existing non-utilized Crown Lands which dominate the shores of Arrow Lake. We advocate the release of enough land to create up to 1,000 - 1 hectare lots at appropriate locations on the lake shore. All would carry stringent covenants for water and sewage treatment to minimize environmental impact. These lots would be sold or leased and thus provide up to \$60 million of the required funds.

3 larger parcels would be made available for development of marina facilities, one large parcel for a world class golf course, major resorts, ski hill, etc.

These sales would add a further \$2 million, as well as the benefits which flow from major developments such as the many permanent jobs created.

Location #1 Storm Point Causeway/Span

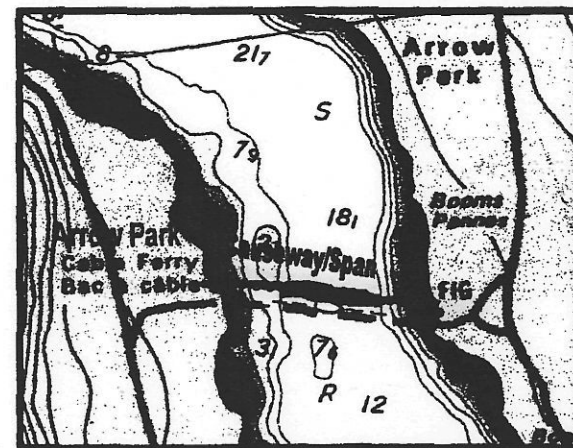


Proposed to replace the existing ferry crossing with a combination causeway/span sufficient to accommodate water flow, boat and marine passage. Water depths in this area between Shelter Bay and Storm Point average 10 - 12 metres making this plan viable.

Total cost of this part of the plan is estimated at \$32 million.

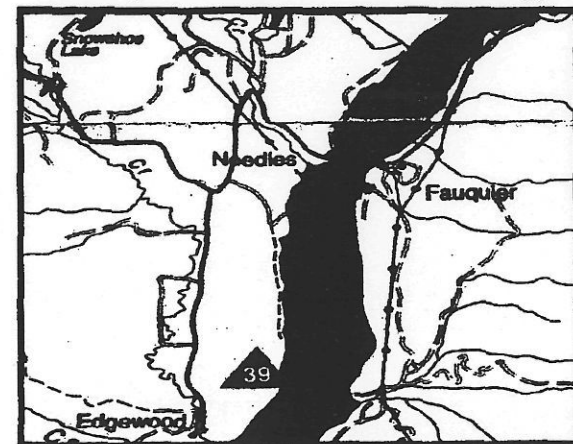
Dollar amounts may change.

Location #2 Arrow Park Causeway/Span



The terrain here is also suitable for a causeway/span combination to replace the existing cable ferry. Because of the short distance, this project is expected to cost approximately \$9.5 million.

Location #3 Fauquier/Needles Bridge



We propose to provide the long awaited BRIDGE at Fauquier/Needles to replace the cable ferry. The current Government estimate for construction is \$26 million.

John A. Chapman

From: John A. Chapman [jacms1@sprynet.com]
Sent: April 1, 2003 10:19 AM
To: Wuschke, Steven EM:EX
Cc: David Terry; Fred Hermann; Jim Marlow
Subject: RE: Willa 1988 Underground Survey Plans

Tom,
FRI
John.



ors NR03-04 willa resource est...
willa mineral resource study 2...

Steve,

Thanks for this. Please send them to my office in White Rock.

The Willa block model resource is now complete - see attached news release. The short form resource report (5mb) is attached. I will send you the complete report on CD in the mail (145bm), please share it with David Terry.

John Chapman
J.A. Chapman Mining Services
18 - 1480 Foster Street
White Rock, BC V4B 3X7
604.536.8356

PS. Dave Makepeace is busy on the Willa Mine Plan with Procon so I will handle and pass the plans on to him upon receipt.

-----Original Message-----

From: Wuschke, Steven EM:EX [mailto:Steven.Wuschke@gems2.gov.bc.ca]
Sent: April 1, 2003 9:27 AM
To: XT:Chapman, John Leader Mining International Inc EAO:IN
Cc: XT:Marlow, Jim EAO:IN; David Makepeace; Stephen Phillips;
Bellefontaine, Kim EM:EX; Hermann, Fred EM:EX
Subject: RE: Willa 1988 Underground Survey Plans

Greetings:

I took a second more in depth look at the files. You may be in for some luck. I found two plans of the underground that show survey stations, one of which shows a lot of underground drilling in plan view. One section of a decline proposal that shows diamond drill penetration points. One plan showing possible survey control points on surface.

Let me know and I can have these plans shipped to you.

I also came across a document which mentions that part of gangue in the ore is anhydrite (CaSo4) and that this may cause some over estimation of acidity based on total sulfur content. You may wish to have your folks track this down and verify it.

Regards
Steve W.

Schroeter, Tom EM:EX

TRS → WILLA

From: John A. Chapman [jacms1@sprynet.com]
Sent: Monday, April 28, 2003 10:52 AM
To: Lefebure, Dave EM:EX; Schroeter, Tom EM:EX; Cathro, Mike EM:EX
Subject: FW: Willa

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: April 25, 2003 1:52 PM
To: Errington, John EM:EX
Cc: Sheila Wynn; Fred Hermann; Bellefontaine, Kim EM:EX; Connolly, Stephen SRM:EX; Wuschke, Steven EM:EX; XT:Marlow, Jim EAO:IN
Subject: Willa

John,

You and your ML/ARD people continue to make aggressive negative assumptions regarding the Willa deposit. The ORS people, and former operators, making comments on ML/ARD have excellent academic credentials in the sciences and are also successful mine developers and operators. Their consideration of the pervasive silicification of the rock (sulfide encapsulation), the very low permeability of the rock in the deposit (low surface area and little or no water penetration) and direct observation all mitigate against the chemistry that you have discussed - and time has shown that. I have correspondence in the ORS Willa files from 1988 that indicates your office was predicting almost immediate dire ML/ARD consequences when Northair was mothballing the Willa operation. After 14 years of further experience, I submit you were wrong. Check your records.

It has been two months since ORS filed the Goldstream Willa Gold Project, Project Description, and respectfully requested a Waiver under the Act - the response time has been unacceptably slow. I am tired of getting pot-shots from the Victoria office of the MEM ML/ARD police - John it is time that you and your experts put your boots on the ground at Willa. As I have suggested to Mr. Hermann, lets get on the site ASAP and decide what exactly is needed for a permit.

Again, if there is no Waiver there is no Project - that will be my recommendation to the ORS Board.

John Chapman

-----Original Message-----

From: Errington, John EM:EX [mailto:John.Errington@gems2.gov.bc.ca]
Sent: April 25, 2003 12:07 PM
To: XT:Chapman, John Leader Mining International Inc EAO:IN; Hermann, Fred EM:EX
Cc: XT:Marlow, Jim EAO:IN; Wuschke, Steven EM:EX; Connolly, Stephen SRM:EX; Bellefontaine, Kim EM:EX
Subject: RE: ARD? Willa

John,

Thank you for your email and the attached letters. I found the letters interesting and to have merit, however testimonials (even from experienced professionals) are not considered a substitute for a sound technical ML/ARD program which is based on data and science.

The ML/ARD information that you supplied to Fred Hermann by FAX today (Interim Reclamation Plan, Willa Property, February 1991) is also very interesting. Although Mr. Hallum states that the near neutral acid-base accounting are unlikely to result in significant acid generation, the data included in the Tables 2 and 3 does not support this conclusion, especially in the light of more than a decade of ML/ARD experience since that report was prepared.

A negative NNP value corresponds to an NPR of less than 1:1. The heterolithic breccia, metavolcanics and feldspar porphyry, all have negative NNP values (heterolithic breccia NNP -79!). This means that the bulk of the materials have a high likelihood of generating ARD in the future, when the neutralization component of the materials is used up.

You are quite right that ML/ARD issues can be practically addressed. Many mines throughout the province use a variety of mitigation/control measures to manage ML/ARD. However, good science based technical information is required to determine what types of measures are needed. This also requires site-specific assessment, as the geology, setting, climate and mitigative options available are unique to every site.

We consider this information to be neither theoretical or research oriented in nature, but to be a necessary requirement to ensure mining is conducted in an environmentally responsible manner. This information will also be required regardless of whether the application is submitted in support for EA Certification and/or Mine Permitting.

The Ministry of Energy and Mines will continue to support Orphan Boy Resources as it works towards determining the ML/ARD potential of the Willa site and develops compatible mining and reclamation plans.

We look forward to working with you.

-----Original Message-----

From: John A. Chapman [mailto:jacmsl@sprynet.com]
Sent: Thursday, April 24, 2003 8:14 AM
To: Hermann, Fred EM:EX
Cc: XT:Marlow, Jim EAO:IN; Errington, John EM:EX; Wuschke, Steven EM:EX; Connolly, Stephen SRM:EX
Subject: ARD? Willa

Fred,

You probably have not seen the attachments from experienced and capable mining professionals. They are for your reference. In addition, Rolly Trenaman, P.Eng. and Robert Hallam prepared reports on Willa's ARD potential, or lack thereof, in the early 1990's. I do not have a digital copy, so will fax it to you now.

John

PS. The following March 13th response to Norm Ringstad from Jim Marlow was a result of Ms Bellefontaine's "ML/ARD" response to the ORS PD: "As an aside, I find it very difficult to accept a comment such as " Overall, the project description did not demonstrate an understanding of the importance of ML/ARD issues for both the Willa and Goldstream sites" and others, from Ms. Bellefontaine of the MEM, as a positive one and one conducive to the practical development and operation of a mine by responsible and qualified professionals, and entrepreneurs, in British Columbia. For the record, this practical practioner is well acquainted with a range of mine sites exhibiting a range of ML/ARD conditions, from severe to benign, and their reaction chemistry, and neither site has a ML/ARD problem that cannot be addressed from a practical and routine standpoint. The Project Description is a descriptive submission, on-time, on-budget, and achieves its objective,

and is not an exhaustive technical one. Moreover, OBR intends to provide development, operating and abandonment plans based on sound, practical and professional mine engineering, not on theoretical science, when the scope of agency requirements is definitive, and, most importantly, closed-ended. OBR can neither afford, nor are interested in undertaking ML/ARD research projects on behalf of the MEM at additional expense. The body of knowledge on ML/ARD at mine sites in BC is now both broad and cumulative, and to which the MEM has access. In view of that, I would not only encourage but demand that the MEM now recognize its responsibility to proactively and practically represent and act in the interests of mine proponents, in particular, small operators, with the same enthusiasm as it demonstrates in the role of public watchdog."

Schroeter, Tom EM:EX

TCS → WILLA

From: John A. Chapman [jacms1@sprynet.com]
Sent: Monday, April 28, 2003 11:01 AM
To: Schroeter, Tom EM:EX
Cc: Cathro, Mike EM:EX; Lefebure, Dave EM:EX; Terry, David EM:EX
Subject: FW: Goldstream Willa Gold Project - Section 10 EAA Waiver



letter to fred letter to Sheila
hermann 2003042... Wynn 20030224...

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: April 25, 2003 7:19 AM
To: Fred Hermann
Cc: Blair Suffredine; Honourable Richard Neufeld; Wendy McMahon; Stephen Connolly; Honourable Joyce Murray
Subject: Goldstream Willa Gold Project - Section 10 EAA Waiver

Mr. Hermann:

Please refer to the attached letter confirming my telephone meetings with you and Mr. Connolly regarding the subject Waiver.

Sincerely,
John Chapman
604.536.8356

Orphan Boy Resources Inc.

410 – 325 Howe Street, Vancouver, B.C., Canada, V6C 1Z7
tel: 604.687.3520, fax: 604.688.3392, E-mail: orphanres@telus.net

April 24, 2003

Via Email

Mr. Fred Hermann
Chief Operating Officer
Ministry of Energy & Mines, Mining Division
4th Floor 1810 Blanshard Street
Victoria, BC V8W 9N3

Dear Mr. Hermann:

This will confirm our telephone meeting yesterday regarding a visit to the Willa property to examine the site setting and proposed development, with a specific objective to view the potential impact on neighbours and on the Aylwin and Vevey watersheds.

As I indicated to you, in my conversation yesterday with Stephen Connolly, EA Project Assessment Manager, he told me that a Section 10, EAA Waiver would not be granted on the Goldstream Willa Gold Project and that full EA and permitting would be required. I told him I was disappointed and upset over this decision because I felt that enough study had been done already, over many years, and that nothing of any significance has been brought forward against the Proponent to date in response to the Project Description filed with the EA office in mid-February. I told Mr Connolly that it was my opinion, and that of the Company's consultants, that the Project does not have any significant adverse environmental, economic, social, heritage or health effect, and there are no potential adverse effects that cannot be eliminated completely or mitigated effectively through the use of routine best management practices, all of which can be implemented under standard mine permitting procedures.

I asked Mr. Connolly what the specific reasons were for not Waiving the Project - he centred upon the negative response from MEM regarding ML/ARD and its impact on local watershed residents. I explained to him that no one other than MEM considers ML/ARD to be a big problem. We consider it to be mitigateable to the point that the impacts to the residents downstream could be eliminated. In fact these downstream neighbours with water licences on Aylwin and Vevey Creeks, that are already negatively impacted by the Red Mountain subdivision, Red Mountain road and Highway 6, could see their water quality improve as a result of the Project. Public health should have advised these water users long ago to stop taking untreated water from the creeks, and install wells for domestic drinking water use because of the significant human, animal and machinery activity affecting surface waters above their intakes. In addition, Slocan Forest products recently constructed two logging roads right in the watershed, above the Red Mountain subdivision. The new logging roads, on steep slopes in heavy timber, cut through historically highly mineralized, copper-gold discovery prospective, ground.

The Company is prepared to monitor the water quality at the Project site, and should deterioration occur (within the parameters of a waste management permit), is fully prepared to install wells for the two potentially affected downstream residents.

I again point out that the Company received overwhelming support for the Goldstream Willa Gold Project in public meetings held in the second week of February at Revelstoke and at Silverton/New Denver. The general attitude of the attendees was: enough studies have been done - get on with it. The Community Considerations and Consultation Report and the Report on Chamber of Commerce and Community Meetings were made available to you and to Mr. Connolly shortly after the public meetings.

As I mentioned to both you and to Mr. Connolly, if the Waiver is still officially denied in writing, I plan to recommend to the Orphan Boy Resources Inc. Board of Directors not to proceed with the Project. My reason is clear, the elected officials have indicated a desire to have new mines developed, and have amended the acts and regulations to accommodate that - yet the civil servants are of a different mindset and appear to be operating on the same basis as the previous NDP administration whose track record on mine approvals was abysmal. I will need to see some change in the civil service attitude to match the pro-development stance of elected government, before I would recommend to the Orphan Boy Board to proceed with an application for development of the Goldstream Willa Gold Project.

You can be assured that other B.C. exploration and mine development proponents and their investors, and potential investors, will take note of the government's draconian response to the Goldstream Willa Gold Project. This sort of response by government agents has a very negative long-term effect on the British Columbia economy as a whole.

I trust that you and your key personnel will be able to attend a meeting at the Willa site ASAP.

Sincerely,

Orphan Boy Resources Inc.

A handwritten signature in black ink, appearing to read "J. Chapman". The signature is fluid and cursive, with a large initial "J" and a long, sweeping underline.

John A. Chapman, P.Eng., FCIM
Project Manager and Director
604.536.8356

c.c. Stephen Connolly
BC Minister of Energy & Mines
BC Minister of Water, Lands & Air Protection

Orphan Boy Resources Inc.

410 – 325 Howe Street, Vancouver, B.C., Canada, V6C 1Z7
tel: 604.687.3520, fax: 604.688.3392, E-mail: orphanres@telus.net

February 24, 2003

Via E-Mail

Sheila Wynn
Deputy Minister
Environmental Assessment Office
2nd Floor, 836 Yates Street
Victoria, BC

Dear Ms Wynn:

Re: Goldstream Willa Gold Project

The Company recently submitted a Project Description for the Goldstream Willa Gold Project to your Mr. Norman Ringstad. In addition, I sent to you via e-mail this morning a PowerPoint slide presentation and a Socio-Economic study pertaining to the Project. Subject to permitting and financing the Company plans to commence development in June 2003 toward an October 2003 operations startup.

Our team has been involved in many mine developments and operations so are very experienced, and fortunately the Project's Goldstream mill is already permitted and on standby while the Willa deposit has already been subjected to considerable environmental review over the past 17 years. In reviewing the revised BC Environmental Act it became apparent that the Project is an ideal candidate for a Waiver under the Act. To that end we will work quickly and diligently to provide you and your Environmental Assessment Office team with the information that should allow you to make a favourable Waiver ruling, in a timely manner.

Yours truly,

Orphan Boy Resources Inc.



John A. Chapman
Project Manager & Director

cc. Dan Doyle, Deputy Minister, Transportation
John Errington, Manager Reclamation & Permitting, Mining Division, Energy & Mines
Fred Hermann, Chief Operating Officer, Mining Division, Energy & Mines
Gordon Macatee, Deputy Minister, Water Land & Air Protection
Norman Ringstad, Project Assessment Director, Environmental Assessment Office

Schroeter, Tom EM:EX

TGS → WILLA

From: John A. Chapman [jacms1@sprynet.com]
Sent: Wednesday, May 07, 2003 8:16 AM
To: Stephen Phillips
Cc: Bellefontaine, Kim EM:EX; Wuschke, Steven EM:EX; Errington, John EM:EX; David Makepeace; XT:Marlow, Jim EAO:IN
Subject: Willa Long Term ML/ARD Mitigation - Just in Case

Steve,

One thing that Dave Makepeace and I discussed on the way home was the possibility of mining below 1025 first (in the mine plan sequence) and create some open stopes. All development materials from below and above 1025 would be directed to these below 1025 stopes. Upon completion of mining, flooding to 1025 would then "cover" any broken development rock and thereby stop potential ARD. If you review Dave's main resource sheet (by level and cumulative up and down) you will notice that the gold resource is split about equal above and below 1025.

Also in stopes above 1025 we could investigate spraying something (polymer) on the walls, in a thin film, to retard or prevent the potential (minor) ARD on walls, upon stope completion. I will be checking on rock "seal coats" for other industries to see if they may have application at Willa. However, based upon the 1025 effluent, from 1985 to 2003, this "potential ARD" will probably never be a problem anyway due to the silicified and "tight" nature of the ore zones.

This approach may assist in making the MEM "happy".

John

PS. My view still remains that there is no significant ARD issue at Willa. The most ARD potential material "ore" will be milled at Goldstream. I noticed on our field trip that Kim Bellefontaine made a special point of getting a well set up photograph of the small rusty pile of ore at the 1025 tipple - even this will go to the mill!

Schroeter, Tom EM:EX

VS → WILLA

From: John A. Chapman [jacms1@sprynet.com]
Sent: Tuesday, May 20, 2003 3:35 PM
To: Schroeter, Tom EM:EX
Subject: FW: Goldstream-Willa Project

-----Original Message-----

From: K Sumanik [mailto:ksumanik@telus.net]
Sent: May 20, 2003 3:01 PM
To: John A. Chapman
Subject: FW: Goldstream-Willa Project

-----Original Message-----

From: K Sumanik [mailto:ksumanik@telus.net]
Sent: Tuesday, May 20, 2003 9:37 AM
To: Bennett, B
Subject: RE: Goldstream-Willa Project

Hi Bill,

The file on Willa has grown over the years, like many others, and has resulted in the usual delays. Most of the hangups are around "environmental" issues that are more imaginary than real. In fact many of the concerns are about liabilities for "potential" environmental impacts, with particular emphasize on "potential". Based on the impacts of the many underground mines that operated in the region over the past 100 years or more, including the two that I worked in during the mid-fifties, one can conclude with certainty that mining at Willa and processing the ore at the Goldstream mill, will not impact the environment. Preparing contingency plans for imaginary environmental impacts should be the work of seers, not regulators in governemt service.

Insist that they quantify the environmental impacts of underground mining in the Slocan Camp, especially in operations like Willa when they determine economic liability for presumed environmental impacts, including those at the Goldstream millsite.

The Minister of Finance has the final say on accepting financial risk to the public; if he knew how insignificant this risk at Willa is, I expect he would do more than raise his eyebrows!

Ken

-----Original Message-----

From: Bennett, B [mailto:B.Bennett@leg.bc.ca]
Sent: Monday, May 19, 2003 3:57 PM
To: Simons, Steven J EM:EX
Cc: Sultan, R
Subject: Goldstream-Willa Project

Steve,

I'm hearing lots about how we are holding up this project unnecessarily, that it has been studied to death for years and that there is no good reason why we want to study it more. I'd like a briefing from someone on this. If we can't push it forward expeditiously, at least I'd like to understand why. Thanks Steve.

Bill

Bill Bennett
MLA, East Kootenay
100 - C - Cranbrook St. N.
Cranbrook, BC V1C 3P9
(250) 417-6022

WLLA
 TJS → [Signature]

Schroeter, Tom EM:EX

From: John A. Chapman [jacms1@sprynet.com]
Sent: Saturday, August 16, 2003 8:04 AM
To: Ron Coombes; Gerald Carlson; Mark Brown; Red Daley; Jay Collins; David Makepeace; XT:Marlow, Jim Marlow Mining Engineering Services EAO:IN; Stephen Phillips; Art Winckers
Cc: Ron Wells; Dan Jepsen; Al Gerun; Hal Wright; Stuart Nelson; Joan McKay; Alan Mason
Subject: Response to Minister Neufeld

-----Original Message-----

From: Discovery Consultants [mailto:discover@junction.net]
Sent: August 15, 2003 2:09 PM
To: Warwick, Genevieve M EM:EX
Cc: Bennett.MLA, Bill LASS:EX; Christensen.MLA, Tom LASS:EX; Suffredine.MLA, Blair LASS:EX; Gordon Campbell
Subject: Re: Letter response

Dear Mr. Neufeld:

Thank you for your response. However with all due respect I feel that you are being somewhat disingenuous in your response that the Ontario Ministry of Mines has adopted in toto B.C.'s ARD guidelines.

It is my understanding that Ontario has adopted only sample collection and sample analysis methods as recommended in the B.C. guidelines. It would not be advisable for Ontario to adopt the B.C. guidelines holubolus as both regions are entirely different in rates of erosion, surface runoff, acidity of surface waters etc.

I would expect that air pollution in Ontario has historically caused far more damage and acidification of surface waters than ARD ever has or ever will. Such is not the case in B.C.

I have noted in the past that the same MEM regulations are interpreted quite differently in Cranbrook than in Smithers. There is no reason to expect therefore that even were Ontario to adopt B.C.'s regulations in their entirety that they would interpret these regulations similarly.

I believe it is advisable to mitigate the effect of ARD but it would be ludicrous to initiate a zero tolerance policy, especially as the ARD substances are naturally occurring. While I agree that such instances of ARD as at Britannia Beach are a problem, such examples should not be held up as a black mark against mining. The fact is that the area would still be an ARD generator even if it had never been mined.

On a recent drive along the east side of Mabel Lake I noted a large section of logging road bordered by rusty rock that also has the potential for generating ARD. Numerous similar occurrences can be found throughout the province and are usually a welcome sign of potential economic mineralization.

Yours sincerely
 Discovery Consultants

Tom Carpenter, P.Geo.
 per T. Carpenter
 W. R. Gilmour

----- Original Message -----
From: Warwick, Genevieve M EM:EX

2003-08-16

To: 'discover@junction.net'
Cc: Bennett.MLA, Bill LASS:EX ; Christensen.MLA, Tom LASS:EX ; Suffredine.MLA, Blair LASS:EX
Sent: Thursday, August 14, 2003 1:22 PM
Subject: FW: Carpenter, Tom and Gilmour, Bill-18337-E-mail-August 14, 2003-Minister Richard Neufeld's Reply to Your E-mail of May 21, 2003-Willa Gold Property

August 14, 2003

Mr. Tom Carpenter, P.Geo.

Mr. Bill Gilmour, P.Geo.

Discovery Consultants

201, 2928 - 29th Street

PO Box 933

Vernon, BC V1T 6M8

Email: discover@junction.net

pc: premier@gov.bc.ca

stan.hagen.mla@leg.bc.ca

bill.bennett.mla@leg.bc.ca

tom.christensen.mla@leg.bc.ca

blair.suffredine.mla@leg.bc.ca

Dear Messrs. Carpenter and Gilmour:

Thank you for your email of May 21, 2003 regarding Orphan Boy Resources' (Orphan Boy) Goldstream Willa Project (Project).

Orphan Boy made application to the Environmental Assessment (EA) Office in February 2003, requesting the Project be waived from the requirement for review under the *Environmental Assessment Act* (EA Act).

Following a review of the proposal, the EA Office determined there were outstanding issues that needed to be addressed. On April 28, 2003, Orphan Boy was advised the Project would be required to obtain an EA Certificate.

Potential concerns with respect to water quality, most notably the potential for acid rock drainage (ARD), still exist. While it is likely these concerns can be resolved through

normal methods and practices, the proponent has not satisfactorily demonstrated the ability to mitigate or control the potential for ARD.

The EA process is not one that generates significant delays, providing appropriate information is supplied at the time of review.

The EA Act has been revised and, if Orphan Boy chooses to enter into the process, the Project would be subject to a focused, timely and science-based review. In addition, the new EA Act allows for concurrent permitting to occur, so if an EA Certificate was granted, any required permits could be issued at or about the same time.

The Government of British Columbia is committed to revitalizing the mining sector, but its position is that projects need to be developed in a manner that meets the required health, safety and environmental standards. Ministry of Energy and Mines' (Ministry) standards and requirements with respect to ARD are well known and respected. The Government of Ontario uses British Columbia's ARD guidelines as its basis for the review of mining projects.

If Orphan Bay chooses to enter into the EA process, Ministry staff are prepared to work cooperatively with the EA Office and other agencies in facilitating a timely and focused project review and, if an EA Certificate is issued, timely provision of a *Mines Act* permit.

Sincerely,

Signed by the Minister

Richard Neufeld

Minister

DISCOVERY

Consultants A Corporate Partnership

Telephone: (250) 542-8960

201 - 2928 29th Street

Vernon, B.C. V1T 5A6

Fax: (250) 542-4867

Mail: P.O. Box 933

Vernon, B.C. V1T 6M8

May 21, 2003

Via e-mail

The Honourable Richard Neufeld, MLA, Minister of Energy and Mines

P.O. Box 9060

Stn. Prov. Govt.

Victoria, B.C.

V8W 9E2

Dear Mr. Neufeld:

We attended your presentation at the recent KEG Conference in Kamloops and were heartened to hear that our provincial government was taking steps to improve the provincial economic recovery and is looking at fostering renewed mineral exploration in the province as a means of increasing economic output.

We will not belabour the statistics regarding the abysmal decline in mineral exploration in this province over the past ten years, as you are certainly aware of them. As B.C. based exploration professionals we were painfully aware of the lack of opportunities over this interval as company after company chose to explore anywhere but British Columbia.

With only ⁽⁶⁾ seven metal mines operating in the province at present it will take many years and enormous expenditures before mining once again regains anywhere near the levels that British Columbia once knew.

It was very distressing therefore after the Kamloops conference to learn that government bureaucracy has blocked efforts to increase the number of operating mines by 14% by not allowing the development of the Willa Gold Deposit near Silverton.

A significant delay in the permitting process for the Willa is being reported while more environmental studies are carried out. This despite the fact that the Willa is not a new deposit. It has been explored for twenty years and has been subjected to various environmental reviews for much of that time. It is doubtful that additional studies will have any effect other than to discontinue future exploration in the province.

A May 14 press release on "Stockwatch" reports that major companies such as Noranda are once again exploring in British Columbia. This is quoted as "a sign that the province's mining sector is on the way to recovery" and that "there are signs of confidence in the province".

It is very likely that this "recovery" will quickly evaporate and that the major mining

companies will once again leave the province once news of the Willa decision becomes widely known. There is after all little incentive in exploring in British Columbia unless mineral deposits that will inevitably result from this exploration can be developed in a timely manner.

With numerous other jurisdictions offering greater incentives for exploration than British Columbia it would take little for these major companies to once again leave the province, perhaps never to return.

We urge you to allow speedy development of the Willa Gold Deposit.

Yours sincerely,

Discovery Consultants

Tom Carpenter, P. Geo.

Bill Gilmour, P. Geo.

cc: Honourable Gordon Campbell

Tom Christensen, MLA

Blair Suffredine, MLA

Bill Bennett, MLA

YOR → WILLA

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Friday, March 12, 2004 8:18 AM
To: XT:Chapman, John Leader Mining International Inc EAO:IN
Subject: RE: Photograph for ORS Website

Thanks.

Tom

Tom Schroeter, P.Eng./P.Geo.
Senior Regional Geologist
Geological Survey and Development Branch
Mining and Minerals Division
Ministry of Energy and Mines

Direct Telephone 604 660-2812
Messages & Enquiries 604 660-2708
Facsimile 604 775-0313
email tom.schroeter@gems6.gov.bc.ca
Autotel 604 662-9091

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Thursday, March 04, 2004 10:40 AM
To: Schroeter, Tom EM:EX
Cc: Lefebure, Dave EM:EX; Cathro, Mike EM:EX
Subject: FW: Photograph for ORS Website

Tom,

The first photo is at the junction of the 1000 cross cut and the 950 drift on the 1025 Level at Willa. It is a good one that you may be able to use in your government PR.

Cheers, John

PS. I have also attached a few of the Rain staking photos.

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: March 4, 2004 7:29 AM
To: Eric Lee (ellee@shaw.ca)
Cc: Ron Coombes (Orphanres@telus.net); Gordon Gibson (ggassoc@telus.net)
Subject: Photograph for ORS Website

Good Morning Eric,

Attached is a very good photo (043011a) taken March 1, 2004 at the Willa property. The photo is taken underground on the 1025 Level and it shows (left to right) Tim McCrory, electrical system contractor and Jack Kelly shiftboss, discussing the installation plans for the electrical system required for the underground drill program scheduled to start in late March.

The second photo (0430112c) is of the same people at the 1025 Level Portal.

Next time you are updating the ORS site please insert these photos into one of the albums.

Cheers, John

VS → Willa

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Thursday, July 08, 2004 9:28 PM
To: 'Steve Phillips'
Cc: Bill Gilmour
Subject: RE: Willa visit Friday July 09

Thanks very much, Steve. And - hello to you, Bill. Hope your summer is going well.

-----Original Message-----

From: Steve Phillips [mailto:stevep@idmail.com]
Sent: Wednesday, July 07, 2004 10:44 PM
To: Schroeter, Tom EM:EX
Cc: Bill Gilmour
Subject: Willa visit Friday July 09

Tom,

Rob Tilsley of Discovery Consultants will meet you at 3 pm at the Willa access road about 1 km. from Hwy 6 on Red Mountain Road. Rob has been logging the core (some 4,000 metres) from the underground drilling programme and is very well qualified to expound on the Willa rock types!

Wishing you and your colleagues a pleasant and interesting visit.

Steve Phillips,
Willa minesite manager

Schroeter, Tom EM:EX

TOS → WILLA

From: John A. Chapman [jacms1@sprynet.com]
Sent: Wednesday, August 04, 2004 7:19 AM
To: Schroeter, Tom EM:EX; Callum Grant; Wuschke, Steven EM:EX
Subject: FW: Willa Property - Conversion of Mining Claims to a Mining Lease

Gentlemen,

For your information.

Cheers, John

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: August 3, 2004 5:24 PM
To: Stephen Phillips (stevep@idmail.com)
Cc: Ron Coombes (Orphanres@telus.net); David Makepeace (dmakepeace@telus.net); Rod Power (rcp@junction.net); Gerald Carlson (gcarlson@copper-ridge.com); Byron Hosking (byron.hosking@gems5.gov.bc.ca); Gordon Gibson (ggassoc@telus.net); Scott Broughton (sbroughton@rocamines.com); Bill Gilmour (discover@junction.net); Red Daley (reddaley@telus.net); Scott Davis (sdavis@pacificopportunity.com); Mark Brown (mtbrown@pacificopportunity.com)
Subject: RE: Willa Property - Conversion of Mining Claims to a Mining Lease

Steve,

I neglected to mention that I will be filing an Absolute Bill of Sale from Orphan Boy Resources Inc. to Bethlehem Resources (1996) Corporation on all of the Willa Mineral Claims within the next week. So the Mining Lease will be in the name of Bethlehem Resources (1996) Corporation.

John

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: August 3, 2004 5:01 PM
To: Stephen Phillips (stevep@idmail.com)
Cc: Ron Coombes (Orphanres@telus.net); David Makepeace (dmakepeace@telus.net); Rod Power (rcp@junction.net); Gerald Carlson (gcarlson@copper-ridge.com); Byron Hosking (byron.hosking@gems5.gov.bc.ca); Gordon Gibson (ggassoc@telus.net); Scott Broughton (sbroughton@rocamines.com); Bill Gilmour (discover@junction.net); Red Daley (reddaley@telus.net); Scott Davis (sdavis@pacificopportunity.com); Mark Brown (mtbrown@pacificopportunity.com)
Subject: Willa Property - Conversion of Mining Claims to a Mining Lease

Good Afternoon Steve,

This email will confirm our discussion today regarding the conversion of the following contiguous Willa property Mineral Claims: Rush 1 (390104), Margie #1 (393214) and OB 1 (394300) to Mining Lease. This is your authorization to proceed. Please contact R.C. Power and Associates to conduct the legal survey work. You will also need to contact the mineral titles office in Nelson, and/or Byron Hosking in Vancouver (604.660.2672), to confirm the Mineral Act procedures to accomplish the conversion, as there is a statutory series of steps to be followed:

2004-08-11

TGS → Wings Canyon

Lucky Strike to outlines Wing's Canyon spending

2004-08-17 10:27 ET - News Release

Mr. Pat Wilson reports

PRELIMINARY EXPLORATION WORK ESTIMATE FOR THE WING'S CANYON GOLD PROPERTY, CASSIAR DISTRICT, B.C.

Lucky Strike Resources Ltd	
Symbol	LKY
Shares Issued	8,793,355
Close 2004-08-11	C\$ 0.15
Recent Sedar Documents	

Base map preparation	\$ 5,000.00
Geological surface mapping and surveying	20,000.00
Excavator trenching program	25,000.00
Engineering	10,000.00
Diamond drilling 15 holes of 100 metres at \$100 per metre	150,000.00
Total	\$210,000.00

The second stage of the program will be a drilling program to test the gold mineralization of the veins below the surface zone of weathering to depth. The company thinks gold values from the Cyprus Canada Ltd. surface chip samples may be low, and will also endeavour to sample the canyon with drill holes below the zone of weathering. The above work program will be under the supervision of Alex Burton, PEng, the company's geological consultant.

▲ Top

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To apply for a mining lease, the recorded holder must:

have the claim or entire group of claims surveyed as a single entity by a British Columbia Land Surveyor (BCLS) and the survey must be approved by the Surveyor General;

file a Notice of Intention to Apply for a Mining Lease (MTL 120) with the Gold Commissioner's office for the mining division in which the claims are located.

publish the approved Notice once in the B.C. Gazette, and in the local newspaper once a week for four consecutive weeks. The newspaper circulation must cover the area in which the title is located. It is recommended that a copy of the notice also be published in the Vancouver Sun.

submit an Application for a Mining Lease, proof of publication, and the \$100 recording fee to the Gold Commissioner after the publication is completed.

If you have any questions or suggestions do not hesitate to call.

Best regards,

John Chapman

Schroeter, Tom EM:EX

TGS → Willa
→ LH

From: Schroeter, Tom EM:EX
Sent: Thursday, September 02, 2004 9:26 AM
To: XT:Chapman, John Leader Mining International Inc EAO:IN
Cc: Grieve, Dave A EM:EX
Subject: RE: LH rocks

Thanks for the update, John - sounds very interesting! Good luck; hope you get to drill the deep hole.

Tom
Tom Schroeter, P.Eng./P.Geo.
Senior Regional Geologist
Geological Survey and Development Branch
Mining and Minerals Division
Ministry of Energy and Mines

Direct Telephone 604 660-2812
Messages & Enquiries 604 660-2708
Facsimile 604 775-0313
email tom.schroeter@gems6.gov.bc.ca
Autotel 604 662-9091

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Wednesday, September 01, 2004 8:23 AM
To: Bill Gilmour
Cc: Gordon Gibson; Stephen Phillips; David Makepeace; Ehasoo, Glen; Tim Whillans; Callum Grant; Ron Coombes; Gerald Carlson; Schroeter, Tom EM:EX; Cathro, Mike EM:EX
Subject: FW: LH rocks

Good Morning Bill,

These are most interesting results. This validates the somewhat disjointed copper, molybdenum, tungsten and gold anomalies in Congo Creek as being from an intrusive "porphyry" gold system similar to Fort Knox and Dublin Gulch.

It also adds some credibility to George Addie's comment that the LH is the "mother" of Willa. That is, the LH (Congo Creek Area) is possibly the "throat" of a stratovolcano and the immediately underlying intrusive is a porphyry gold enriched system similar to the Alaska and Yukon Tombstone suite. The associated metals molybdenum, copper, bismuth, tungsten are typical of a high temperature porphyry metal deposit emplacement. Tin was not included in present program analysis but my guess is that it also is elevated in the Congo Creek rocks.

Assuming that a good retrograde boiling event occurred at Congo Creek then there is a good chance that we will be looking at a large low-grade disseminated metallized body of rock that has been emplaced as stockwork in a "crackled" host rock. The veins and silicified zones at LH (low Mo, Cu, W and high As) in old known occurrences to the east are suggestive of distal low-temperature placement of gold and silver.

It is very possible that the Willa is a parasitic side event to the main volcanic center over Congo Creek and it in fact may have robbed some of the high pressure gas from the roof of the main intrusive by degassing as an explosive breccia during the retrograde boiling event. If this is the case then the quartz latite porphyry that BP Minerals and Rio Algom were chasing over the Willa deposit (before its discovery) for porphyry

molybdenum may have only been "sucker bait".

The above model theory adds even greater importance to the wildcat long-hole drilling proposed at LH as we must volumetrically randomly test the large volume of rock under Congo Creek looking for the vertical cylindrical porphyry gold enriched metal shell around the throat of the volcanic center. This model of course bodes well for a multi-million ounce gold deposit.

Stay tuned!!!

Cheers, John

-----Original Message-----

From: Bill Gilmour [mailto:discover@junction.net]

Sent: August 31, 2004 7:36 PM

To: Chapman, John; David Makepeace; Phillips, Steven; Tilsley, Rob

Subject: LH rocks

Some samples from Congo Creek area.

The highlighted samples show a Au-Cu-Mo-W-Bi correlation - indicates 'intrusive Au' mineralization.

Bill

Willa/LH Surface Exploration 2004
Rock Samples

	ELEMENT SAMPLES	Au ppb	Cu ppm	Ag ppm	Mo ppm	Fe %	W ppm	Bi ppm	Pb ppm	Zn ppm	Cd ppm	As ppm
A403342	P1-19	31	341	2.9	17	16.61	3.3	2.1	3.3	22	0.2	9.6
A403342	P1-20	10	64	0.4	24	1.53	8.8	3.1	2.8	6	0.1	1.5
A403342	P1-21	383	219	0.7	15	4.62	13.2	9.3	2.7	20	0.1	4.7
A404723	E 189977	25	412	0.6	28	5.14	15.7	4.0	1.7	30	0.1	6.2
A404723	E 189978	187	208	0.3	376	3.39	0.9	15.0	1.4	34	<0.1	1.5
A404723	149104	851	1875	3.0	8	12.39	>100.0	61.2	1.9	8	0.2	0.9
A404723	149105	1487	436	1.6	297	4.94	63.2	70.4	12.0	24	0.1	3.6
A404723	149106	1164	3122	4.6	424	10.75	4.7	45.3	4.7	15	0.6	<0.5
A404723	149107	907	257	6.4	5	5.74	67.9	189.2	63.0	5	0.5	3.7
A404723	149108	5234	987	1.5	1	8.92	9.0	67.3	2.7	15	0.2	11.6
A404723	149109	245	363	1.4	1	3.28	1.7	4.3	3.0	9	0.1	18.5
A404723	149110	32	674	1.1	2	9.45	0.8	7.0	2.6	26	0.2	1.8
A404723	149111	28	92	0.2	31	2.04	0.8	1.9	2.7	6	<0.1	1.0
A404723	149112	14	189	0.3	83	3.94	1.3	0.9	2.0	10	<0.1	<0.5
A404723	149113	52	166	0.6	32	8.60	0.9	6.9	3.9	19	<0.1	0.8
A404723	149114	125	293	0.5	2	6.58	1.8	19.7	1.2	6	0.1	8.0

Duplicate pulp

A404723	149112	14	189	0.3	83	3.94	1.3	0.9	2.0	10	<0.1	<0.5
A404723	RE 149112	12	182	0.3	84	3.92	1.4	0.8	2.0	10	<0.1	0.5

Standards

A403342	STANDARD DS5	45	140	0.3	13	3.01	5.0	6.5	25.5	131	5.9	17.7
A404723	STANDARD DS5	44	143	0.3	12	2.94	5.1	5.9	25.3	133	5.3	17.8

Lab blanks

A403342	SI	1	<1	<0.1	<1	0.02	<0.1	<0.1	0.2	<1	<0.1	<0.1
A404723	SI	<1	1	<0.1	<1	0.06	<0.1	<0.1	1.7	1	<0.1	<0.5

W.R. Gilmour, P.Geo.
Discovery Consultants
August 31, 2004

Sb ppm	S %	Se ppm	Hg ppm	Ni ppm	Cr ppm	Co ppm	Mn ppm	Mg %	Ca %	Sr ppm	Ba ppm	K %	Al %	Na %	P %
0.3	7.76	45.5	0.01	194	82.1	115	100	0.41	0.02	3	10	0.04	0.48	0.007	0.025
0.1	0.34	2.6	<0.01	6	2.9	7	52	0.12	0.26	18	12	0.06	0.26	0.041	0.113
0.2	2.55	8.2	0.01	62	70.2	33	156	0.56	0.32	5	27	0.19	0.44	0.016	0.085
0.2	2.09	14.3	<0.01	129	206.7	56	430	1.01	1.51	22	5	0.25	1.45	0.168	0.145
0.1	0.96	4.5	<0.01	117	221.7	29	291	1.32	0.56	13	37	0.75	1.19	0.055	0.107
0.2	6.61	23.4	<0.01	281	4.5	76	155	0.18	0.35	29	2	0.01	0.07	0.002	0.001
1.2	2.82	10.2	0.01	149	39.1	81	149	0.30	0.48	15	12	0.10	0.18	0.009	0.020
0.5	5.57	27.2	0.01	232	27.7	739	114	0.24	0.25	3	5	0.06	0.13	0.008	0.043
2.7	2.97	11.7	0.02	186	11.4	46	112	0.07	0.06	3	1	<0.01	0.03	0.002	0.001
0.7	5.49	7.4	0.01	205	126.3	94	187	0.28	0.35	8	15	0.11	0.41	0.032	0.093
2.9	1.18	5.0	<0.01	47	48.5	39	131	0.26	0.88	65	8	0.10	1.10	0.186	0.070
0.2	5.13	9.7	<0.01	208	147.9	92	201	0.70	1.25	79	22	0.44	1.80	0.166	0.115
0.2	0.17	1.3	<0.01	17	24.4	6	120	0.22	0.74	7	6	0.05	0.67	0.022	0.052
0.5	1.91	6.0	0.06	62	25.0	31	105	0.46	0.68	22	20	0.05	0.52	0.067	0.106
0.3	0.44	13.9	0.01	12	145.7	10	185	0.66	0.39	19	38	0.24	1.09	0.041	0.103
0.7	3.16	5.8	<0.01	220	91.4	99	116	0.35	0.63	14	5	0.05	0.44	0.046	0.094
0.5	1.91	6.0	0.06	62	25.0	31	105	0.46	0.68	22	20	0.05	0.52	0.067	0.106
0.5	1.82	5.6	0.05	61	26.0	30	112	0.46	0.69	22	20	0.05	0.54	0.061	0.104
4.0	0.01	4.8	0.18	23	182.0	12	790	0.68	0.72	45	135	0.14	1.94	0.032	0.096
3.7	<0.05	4.5	0.17	24	177.8	12	736	0.67	0.73	45	137	0.14	2.00	0.032	0.090
<0.1	0.04	<0.1	<0.01	<1	<0.5	<1	1	<0.01	0.09	2	2	<0.01	0.01	0.411	<0.001
<0.1	0.12	<0.5	<0.01	6	2.7	0	8	0.07	0.19	5	5	0.01	0.01	0.954	<0.001

U ppm	Th ppm	V ppm	La ppm	Ti %	B ppm	Sc ppm	Tl ppm	Ga ppm
0.1	0.4	93	1	0.043	<1	6.9	0.1	3
0.4	3.3	30	11	0.071	<1	1.9	0.0	2
0.4	0.9	137	3	0.102	<1	7.5	0.1	3
0.2	0.1	90	1	0.124	1	8.4	0.1	5
0.3	0.3	107	2	0.152	1	2.9	0.4	6
<0.1	<0.1	15	<1	0.001	<1	0.9	0.1	1
0.1	0.2	19	1	0.031	<1	0.8	0.1	1
0.1	0.2	26	1	0.041	<1	0.8	0.2	1
<0.1	<0.1	4	<1	0.001	<1	0.1	<0.1	1
0.2	0.2	100	2	0.122	<1	8.4	0.1	2
0.2	0.1	39	1	0.097	2	3.1	0.2	2
0.3	0.2	83	3	0.124	1	1.6	0.3	5
0.2	0.3	25	1	0.047	2	1.2	0.1	2
0.5	0.9	46	4	0.117	<1	2.5	0.1	2
0.3	0.6	150	3	0.210	<1	5.1	0.4	8
0.2	0.3	38	2	0.067	<1	3.6	<0.1	1
0.5	0.9	46	4	0.117	<1	2.5	0.1	2
0.5	0.9	51	4	0.132	<1	2.9	0.1	2
6.3	2.7	58	11	0.093	16	3.3	1.1	7
5.8	2.7	60	12	0.097	18	3.4	1.0	6
<0.1	<0.1	<1	<1	<0.001	<1	<0.1	<0.1	<1
<0.1	<0.1	<1	<1	<0.001	1	<0.1	<0.1	<1

TS → WILLA

Schroeter, Tom EM:EX

From: John A. Chapman [jacms1@sprynet.com]
Sent: Friday, September 17, 2004 7:40 PM
To: Hosking, Byron EM:EX
Cc: Stephen Phillips; David Makepeace; Rod Power; Bill Gilmour; rtilsley@telus.net; Schroeter, Tom EM:EX; Wuschke, Steven EM:EX; Red Daley; Conte, Rick EM:EX
Subject: Conversion of Mineral Claims to Mining Leases - Willa Property, Silverton, B.C.

Good Afternoon Byron,

Mr. Bill Gilmour of Discovery Consultants (250.542.8960) has commenced the filing of necessary documents for a conversion of mineral claims Rush 1 (390104) and Margie #1 (393214) into Mining Leases. Both of these mineral claims are at Bethlehem Resources (1996) Corporation's Willa property near Silverton in the Slocan Mining Division. R.C. Power and Associates are Vernon based BC Land Surveyors conducting the necessary boundary surveys.

Mr. Gilmour is working under the direction of Mr. Steve Phillips, Willa Mine Manager (250.358.2435), located in New Denver.

Please give Messrs Gilmour and Phillips assistance as needed to ensure the conversion is efficient and effective.

Bethlehem Resources (1996) Corporation
Best regards,
John Chapman
Manager - Goldstream Willa Gold Project & Director
604.536.8356

R.C. Power & Associates
2916 - 29th Street
Vernon, B.C. V1T 5A6

B3619

September 16, 2004

Surveyor General Branch
Ministry of Sustainable Resource Management
P.O. Box 9375
Stn. Prov. Govt
Victoria, B.C. V8W 9M5

Dear Sirs:

Re: Mining Leases in Kootenay District, South of Silverton

My client, Bethlehem Resources 1996 Corp., wishes to convert their Mineral Claims Margie 1 and Rush 1 to mining leases. Because two separate areas are involved, two district lot numbers will be required.

I have enclosed two paper prints prepared by Discovery Consultants showing the location of the two claims in question, and the approximate manner in which they butt up against several existing district lots.

The material to be mined is gold-bearing, copper-bearing and silver-bearing rock. The method used will be underground mining with some surface works. The Margie 1 claim will be used mainly for storage and shipping.

There is some urgency to this matter, so I would appreciate receiving the two district lot numbers at your early convenience. As well, there are several abandoned (converted) Crown Grants in the area, so if you have a composite map covering the area in question, I would like to have a copy.

If you have any questions, please contact me according.

Yours very truly,

Original signed by

R.C. Power, B.C.L.S.

RCP/vz

TGS → WILLA

Schroeter, Tom EM:EX

From: John A. Chapman [jacms1@sprynet.com]
Sent: Saturday, October 23, 2004 11:57 AM
To: Al Gerun; Bob Bourdon; Lloyd Addie; XT:Murray, John City of Nelson EAO:IN; Ken Murray; John Mirko; Jack Denny; Rick Lewin
Cc: Stephen Phillips; Robert Lo; Bill Gilmour; Tom Carpenter; Bud MacDonald; Rod Power; Schroeter, Tom EM:EX; Reid, Bruce EM:EX; Wuschke, Steven EM:EX; Grieve, Dave A EM:EX; Jakobsen, Dorthe SRM:EX; Scott Broughton; David Skerlec; David Makepeace; Blair Nelson
Subject: Public Meeting Silverton Memorial Hall, Wednesday November 10, 2004 - Update Willa Deposit Development

Gentlemen,

Steve Phillips and I are meeting in Victoria on Tuesday with Bruce Reid and Steve Wuschke regarding the permitting of Willa for a 10,000dmt bulk sample followed by a small mine permit (~75,000dmt). See attachments.

Bethlehem Resources (1996) Corporation is holding a public meeting at Silverton Memorial Hall on Wednesday November 10, 2004 (7pm to 10pm) to update the public on the Willa deposit development. We would very much appreciate support, once again, from the Chamber.

Best regards,
 John Chapman
 604.536.8356

-----Original Message-----

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: October 23, 2004 10:47 AM
To: Ron Coombes (Orphanres@telus.net); Mark Brown (mtbrown@pacificopportunity.com); Gerald Carlson (gcarlson@copper-ridge.com)
Subject: Amendment to Goldstream Plant Operating Permit - To Custom Mineral Processing Plant at 1,000dmtpd

Gentlemen,

Attached are minutes of the meeting held with MEM Officials in Kamloops last Thursday, related to amending the Goldstream plant operating permit. As discussed, the permit amendment will reflect the plan of operating the Goldstream facility as a 1,000dmtpd custom mineral processing plant. I have also attached a photograph of the Goldstream facilities and the Goldstream River valley.

I received a call last week from Rick Lewin, Vice President & General Manager of Trail Operations for AMEC (250.368.2506) regarding the status of the initiative to build a new highway from Waneta at the USA border, along the Columbia River to Nakusp, over a new causeway at Galena Bay, north along Highway 23 to Mica and then along the Kinbasket Lake reservoir to Highway 5 at Valemout. This would create a new more direct route to Alaska from Spokane (the USA is already starting to upgrade the road from Spokane to Waneta). The Goldstream custom mineral processing plant is in the center of a highly mineralized region with good access to the south but with limited access to the north – this new highway would positively change that situation.

John Chapman

Bethlehem Resources (1996) Corporation
Minutes of Meeting with Ministry of Energy & Mines
162 Oriole Road, Kamloops B.C. V2C 4N7
9:30am Thursday, October 21, 2004

Purpose of Meeting: Application for Amendment to the Goldstream Plant Operation Permit Number M-147 (to operate as a 1,000dmtpd custom mineral processing plant).

Present: Joe Seguin, Inspector of Mines (250.371.6051); Stephen Rothman, Inspector of Mines (250.371.6053); Art Winckers, Consultant to Bethlehem (604.929.6512) and John Chapman, Director of Bethlehem (604.536.8356).

JC gave a general overview of Bethlehem Resources (1996) Corporation and its parent Orphan Boy Resources Inc, as well as the principal mineral properties and the key management members. He also gave some background on the Goldstream plant and on the advanced stage Willa property, including the denial of EA waiver in May 2003.

AW provided a status review of the Goldstream plant and facilities as well as the vision for restart as a custom mineral processing plant. There was a general discussion on the preliminary drawings for new plant equipment and suggestions were made by SR and by JS as follows:

- (a) Any place where sulphide bearing rock is handled, such as the proposed ore transfer and crushing station, should have drainage directed to the tailings facility for possible treatment and discharge;
- (b) The fine ore hopper at the feed to the ball mill requires the addition of interlocking jumbo blocks as side blocks at the loader ramp. Regulations call for the side blocks (berm) to be 3/4 the height of the loader tires;
- (c) The tippel wall (trucks dump over wall into run-of-mine ore piles) must have good drain rock (graded gravel to sand) behind the jumbo blocks to prevent water build-up and possible failure. Even a drainage pipe behind the blocks, along the bottom (with graded filter material enclosing the pipe), is recommended;
- (d) A single line electrical diagram is needed by the MEM electrical inspector for the proposed equipment layout for plant restart;
- (e) Mine loaders in BC must have auxiliary steering. Beware of this rule as bringing equipment into BC without the auxiliary steering will result in the buyer having to pay about \$30,000 for its installation;
- (f) Be aware that BC highway laws are more restrictive than Alberta. Large loads from Alberta, such as crushing plants, are stopped at the Golden weigh scale and frequently need to be cut to modify (reduce) length and/or width;
- (g) Be sure that any crushing plant that is purchased outside of BC has adequate guards, railings and emergency pull cords to meet BC MEM regulations;
- (h) Tridem drive trucks tend to "scuff" when turning and are therefore hard on gravel yards. Bethlehem should consider roller compacted soil-crete or similar material at the area where loaded trucks will be turning before backing to the berm.

JS indicated that the October 4, 2004, Klohn Crippen report, "Goldstream Tailings Facility - Feasibility Study" had been forwarded to the MEM geotechnical engineer in Victoria for review. JC explained that he would forward the Hatch report on underground tailings disposal at Goldstream as soon as it was available in early November. JC also promised to forward a CD with all of the historical backup photographs and maps of the Goldstream plant area.

The discussion then turned to the scope and timing of the Permit Amendment submission. It was agreed that Bethlehem would be submitting to the MEM Kamloops office a formal request for the Amendment with a related project description by November 15, 2004. JS stressed the importance of decoupling the Goldstream Permit Amendment from any specific mineral property (ore feed for Goldstream) and instead state that Goldstream is a custom mill and that systems and procedures will be put into affect that will characterize (physical and chemical) the various ore feeds to ensure that the MWLAP permit discharge standards set for the Goldstream tailings facility can be met in quantity and quality. JC promised to send JS a draft of the Project Description for review prior to finalizing the formal Amendment request. JS and SR stated that the formal Amendment request should include an Executive Summary covering, but not limited to, general arrangement drawings, electrical single line diagram, environmental protection considerations such as operations runoff collection, fuel storage containment, handling of any old buried fuel tanks and a plan for characterizing ores to be custom milled as they are from time to time identified.

JC requested an expected time for approval and issuance of the Amended M-147 permit. JS responded positively by indicating they would do their best by taking 60 days, or less for approval and issuance from date of submittal.

SR is planning to visit the Goldstream facility in the near future.

The meeting ended at 11:00am.

Minutes reviewed and approved by:

Original signed by:

John Chapman

Original signed by:

Art Winckers

Schroeter, Tom EM:EX

TJS → Willa

From: Berdusco, Ricci EM:EX
Sent: Monday, June 27, 2005 4:30 PM
To: Van Ek, Christie EM:EX; Lefebure, Dave EM:EX; Hermann, Fred EM:EX; Freer, Geoff EM:EX; Wonders, Glen EM:EX; McLaren, Graeme EM:EX; Brino, Karina L EM:EX; Cathro, Mike EM:EX; Wojdak, Paul EM:EX
Cc: Schroeter, Tom EM:EX; McArthur, Gib EM:EX; Stewart, Barbara PAB:EX
Subject: Weekly report - SE

Permitting

Another slow week for NoW submissions. Only 1 PL application.

Most of Monday and Tuesday mornings spent on on-line permitting conference calls.

Wrapped up most of the preliminary work. One more meeting scheduled July 15th in Vancouver. This should complete regional staff involvement of stage I planning.

Working with Chris Jones from the AG's office on a response (for Fred) to the Ashram letter of concern regarding the nearby gravel pit. Chris agrees that we should be cautious with our response.

John Marczyk from the Aboriginal Relations Branch is assisting responding to the Spullamacheen Indian Band's response to a S&G referral.

As instructed by Fred, I am working on a draft permit for the Gallowai Bul River Mine.

Received notice from Rocca Mines that they will be submitting an application for a "small" mine permit for the Max Molybdenum Project. The document was sent to the printers this week so should expect to receive it within a week or two.

Had a **LONG** discussion with John Chapman from Bethlehem Resources regarding the Willa bulk sample and small mine application. He informed us of that the company intends to address the application deficiencies identified by the MDRC and complete the permitting process, however, it was determined that the project is uneconomic at today's metal prices. The company intends to obtain a permit but defer production.

Geology

Five interagency referrals reviewed: 2 subdivision, 1 rezoning, 1 trapline cabin, 1 quarry

Worked on 2nd circular for Minerals South conference

Edited a highlights page on regional exploration and mining for GSB (intended for information packages)

Client/public assists: approx. 12 (5 phone or email, 7 office)

Made preparations and carried research for tour with Tom Schroeter, July 4 to 7: Sphinx, Jersey-Emerald, Summit-Oldtimer, Gertrude-Novelly, Greenwood Gold, and Chamber office in Nelson

Health and Safety

Weekly Highlites: Health and Safety Inspections of the Fording River and Elkview Operations.

Supervised one Shift Boss Exam

Conducted a Mine Rescue Exam at Line Creek.

Other

Office move- Telus in on June 27th to affect new phone locations. BCBC scheduled to begin move of files, etc. in next 2 weeks.

Admin. Asst. - Met with Mgr., MoTH re sharing of aux. asst. His initial proposal has been delayed due to a realization that

Schroeter, Tom EMPR:EX

FS → Willa

From: Grieve, Dave A EMPR:EX
Sent: Tuesday, December 06, 2005 8:52 AM
To: Pardy, Jamie EMPR:EX; Lefebure, Dave EMPR:EX
Cc: Schroeter, Tom EMPR:EX; Chou, Jay EMPR:EX
Subject: RE: Willa Project

I double-checked with Bruce and in fact Willa is not a mine-in-application. They have not submitted a mine development permit application - only a bulk sample permit application (which has been approved). Therefore they are at this time just another dormant exploration program and it doesn't make sense to include them in the Open File map.

Dave

-----Original Message-----

From: Pardy, Jamie EMPR:EX
Sent: December 5, 2005 5:04 PM
To: Lefebure, Dave EMPR:EX; Grieve, Dave A EMPR:EX
Cc: Schroeter, Tom EMPR:EX; Chou, Jay EMPR:EX
Subject: Re: Willa Project

So do we need to ask why a mines in application map is not part of the overview document. Willa would be part of a mines in application map

-----Original Message-----

From: Lefebure, Dave EMPR:EX <Dave.Lefebure@gov.bc.ca>
To: Grieve, Dave A EMPR:EX <Dave.Grieve@gov.bc.ca>
CC: Schroeter, Tom EMPR:EX <Tom.Schroeter@gov.bc.ca>; Pardy, Jamie EMPR:EX <Jamie.Pardy@gov.bc.ca>; Chou, Jay EMPR:EX <Jay.Chou@gov.bc.ca>
Sent: Mon Dec 05 15:56:33 2005
Subject: Willa Project

Dave:

We should discuss this later this week.

This map would be incomplete with out mentioning the projects that are not mines or major exploration projects, but proceeding towards the mining stage.

I felt that we should include all the projects that have submitted applications for mine development to government - this does lead to us including projects like Willa. I agree that Willa appears to have stalled for now, but we have created problems in the past when we have tried to make our own calls on these projects.

We are changing the title to "Selected Major Projects" on the map.

-----Original Message-----

From: Grieve, Dave A EMPR:EX
Sent: Monday, December 05, 2005 3:50 PM
To: Chou, Jay EMPR:EX; Lefebure, Dave EMPR:EX
Cc: Schroeter, Tom EMPR:EX; Pardy, Jamie EMPR:EX
Subject: RE:

Jay: Location is good. Do you want an entry for the table? Incidentally it will look a bit strange for Willa to be a "Selected Major Project" in the overview, but not even a "Major Project" in the write-up. It definitely is not a major project by our criteria - Tom and I discussed earlier.

Thanks for changing Iron Range.

Dave

→ WILLA
 From: John
 Chapman

WILLA DEPOSIT - PROPOSED DEVELOPMENT						April 19, 2006
CASH FLOW MODEL - MEASURED & INDICATED RESOURCE TONNES						
STOPE PLAN: HIGH-GRADE & LOW-GRADE STOPES						
CASE: ALL GOLDSTREAM CAPITAL APPLIED WITH NO SALVAGE AT CURRENT METAL PRICES (2006/04/19) - 2005 CAPITAL & OPERATING COSTS						
Input Parameters						
	Copper		Gold		Silver	
	Cu Recovery %	93.00	Au Recovery %	80.00	Ag Recovery %	80.00
	Cu US\$/lb	2.98	Au US\$/oz	645	Ag US\$/oz	14.50
	Exchange Rate	1.15 (Au recovery at 71% at 3.90 gpmmt grade)				
Cash Flows						
YEAR	0	1	2	3	4	TOTAL
Tonnes of Ore Processed (annually)		89,946	139,133	126,584	120,000	475,663
Copper Grade (%)		0.66	0.78	0.86	0.87	0.80
Gold Grade (gpmmt)		6.50	5.00	4.02	3.90	4.53
Silver Grade (gpmmt)		7.80	15.60	12.89	11.00	12.24
Copper Produced (kgs)		552,089	1,009,271	1,012,419	970,920	3,544,698
Gold Produced (gms)		467,719	556,532	366,385	332,280	1,722,916
Silver Produced (gms)		561,263	1,736,380	1,305,334	1,056,000	4,658,977
Gross Metal Value (C\$)		\$15,625,909	\$21,827,937	\$17,086,115	\$15,825,606	\$70,365,567
Payable by Smelter		\$14,836,134	\$20,719,105	\$16,237,015	\$15,045,661	\$66,837,914
Exmine Costs		1,285,927	1,999,966	1,810,910	1,714,466	\$6,811,269
Revenue FOB Mine (C\$)		\$13,550,207	\$18,719,139	\$14,426,105	\$13,331,194	\$60,026,645
Revenue FOB Mine (C\$/mt mined)		\$150.65	\$134.54	\$113.96	\$111.09	\$126.20
Costs (\$/dmt of ore)						
Mining at Willa		33.87	41.01	25.00	8.38	\$27.17
Transporting Ore to Goldstream		31.20	31.20	31.20	31.20	\$31.20
Processing		25.77	25.77	25.77	25.77	\$25.77
Total Operating Cost (\$/tonne milled)		\$90.84	\$97.98	\$81.97	\$65.35	\$84.14
Costs						
Mining at Willa		3,046,471	5,705,844	3,164,600	1,005,600	\$12,922,515
Transporting Ore		2,806,315	4,340,950	3,949,421	3,744,000	\$14,840,686
Processing at Goldstream Plant		2,317,908	3,585,457	3,262,070	3,092,400	\$12,257,836
Total Operating Cost		\$8,170,695	\$13,632,251	\$10,376,090	\$7,842,000	\$40,021,036
Vendor NSR Royalty		107,439	143,782	104,767	95,872	\$451,860
Total Cost		\$8,278,134	\$13,776,033	\$10,480,857	\$7,937,872	\$40,472,896
Earnings before Income Tax		\$5,272,073	\$4,943,106	\$3,945,248	\$5,393,322	\$19,553,749
Operating Cash Flow						
Willa Mine Capital	(2,188,000)				800,000	(\$1,388,000)
Goldstream Capital	(4,628,700)					(\$4,628,700)
Tailings Storage	(125,000)			(250,000)		(\$375,000)
Reclamation & Bonding	(50,000)	(150,000)	(200,000)	(229,000)		(\$629,000)
Working Capital	(2,000,000)				2,000,000	\$0
Net Pretax Cash Flow	(\$8,991,700)	\$5,122,073	\$4,743,106	\$3,466,248	\$8,193,322	\$12,533,049
Cumulative Pretax Cash Flow	(\$8,991,700)	(\$3,869,627)	\$873,479	\$4,339,727	\$12,533,049	
Net Present Value of Project Cash Flow						
@ 5% discount rate	\$9,923,544					
@ 10% discount rate	\$7,785,045					
@ 15% discount rate	\$6,012,419					
Pretax Internal Rate of Return (%)	43.40					
NSR royalty calculation at 1%		107,439	143,782	104,767	95,872	
cumulative NSR royalty at 1%		107,439	251,221	355,988	451,860	
adjusted NSR royalty payable		107,439	143,782	104,767	95,872	
(after \$500,000 NSR paid royalty is 0.5%)						

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	Cu Recovery %	93.00	Au Recovery %	80.00	Ag Recovery %	80.00
	Cu US\$/lb	2.98	Au US\$/oz	640	Ag US\$/oz	14.50
	Payable (%)	0.958	Payable (%)	0.955	Payable (%)	0.900
	Smelt (US\$/dmtc)	100.00	(Au recovery at 71% at 3.90 gpmt grade)			
	Refine (US\$/lb)	0.10	Refine (US\$/oz)	6.00	Refine (US\$/oz)	0.35
	Transport (US\$/dmtc)	150.00				
	Exchange Rate	1.15				
	Concentration Ratio	24				
Cash Flows						
YEAR	0	1	2	3	4	TOTAL
Tonnes of Ore Processed (annually)		89,946	139,133	126,584	120,000	475,663
Copper Produced (kgs)		552,089	1,009,271	1,012,419	970,920	3,544,698
Gold Produced (gms)		467,719	556,532	366,385	332,280	1,722,916
Silver Produced (gms)		561,263	1,736,380	1,305,334	1,056,000	4,658,977
Copper Concentrate (dmt)		3,748	5,797	5,274	5,000	19,819
PAYABLES (by weight)						
Copper (lb)		1,166,015	2,131,587	2,138,235	2,050,590	7,486,427
Gold (oz)		14,361	17,087	11,249	10,202	52,899
Silver (oz)		16,240	50,242	37,770	30,556	134,808
PAYABLES (C\$)						
Copper		3,995,933	7,304,948	7,327,733	7,027,371	\$25,655,984
Gold		10,569,395	12,576,364	8,279,466	7,508,776	\$38,934,000
Silver		270,806	837,793	629,816	509,514	\$2,247,929
Total		\$14,836,134	\$20,719,105	\$16,237,015	\$15,045,661	\$66,837,914
TOTAL COSTS (C\$)						
Transportation (mine to smelter)		646,487	1,000,018	909,823	862,500	\$3,418,828
Smelting		430,991	666,679	606,548	575,000	\$2,279,219
Copper Refining		116,601	213,159	213,824	205,059	\$748,643
Gold Refining		86,164	102,525	67,496	61,213	\$317,397
Silver Refining		5,684	17,585	13,220	10,694	\$47,183
Total		\$1,285,927	\$1,999,966	\$1,810,910	\$1,714,466	\$6,811,269
NSR FOB MINESITE (C\$)		\$13,550,207	\$18,719,139	\$14,426,105	\$13,331,194	\$60,026,645
NSR FOB MINESITE (C\$/mt milled)		\$150.65	\$134.54	\$113.96	\$111.09	\$126.20



ORPHAN BOY NEWS RELEASES

Willa Property Technical Study Completed August 18, 2005

Vancouver, B.C. - Orphan Boy Resources Inc. (the Company), through its wholly-owned subsidiary Bethlehem Resources (1996) Corporation, announces receipt of a NI 43-101 compliant Technical Report (the "Study") for proposed development of the Willa gold-copper-silver deposit located near Silverton, British Columbia, Canada. The Report was prepared by John A. Chapman, P.Eng., the Company's Qualified Person and by David K. Makepeace, P.Eng., an independent Qualified Person.

The Study utilized the mineral resources presented in the Preliminary Assessment Technical Report on the Willa Deposit by David K. Makepeace, P.Eng., dated May 6, 2005 (see www.sedar.com). Measured Resources of 496,000 mt grading 7.18 g/mt gold, 0.94 % copper and 12.16 g/mt silver were reported in the May 6th Report.

The Study concludes that conventional underground mining of the Willa deposit at ~500 mt/day and processing at the Company's 1,000 mt/day Goldstream plant is technically feasible but development of the project would not be economically viable, at this time. Changes to current economic variables, including a sustained appreciation in the price of gold, could affect this assessment. Two alternative operating scenarios are presented: (1) In order to yield a pre-tax 15 % IRR on the total mine and plant capital of \$7,621,000 and holding copper and silver at current prices of US \$1.73/lb and US \$7.26/oz respectively would require the gold price to be US\$612/oz, and (2) If supplemental ores from regional deposits other than Willa could be obtained, in order to optimize operations at the Goldstream plant at 1,000 mt/day on an 8 day operating and 8 day standby schedule, then Goldstream capital could be allocated to Willa based on metric tons processed. In order to yield a pre-tax 15 % IRR on the allocated capital costs of \$3,014,000, with operating costs of \$83/mt and holding copper and silver at current prices of US \$1.73/lb and US \$7.26/oz respectively would require the gold price to be US \$475/oz. Whilst the Company is seeking ore from other sources no agreements have been reached

Recommendations in the Study include: (1) further studies on the viability of developing a modular processing plant close to the Willa deposit in order to eliminate the \$32/mt haulage cost (Willa to Goldstream) in the present Study, (2) additional mineral exploration at and near the Willa deposit, and (3) continue the claim to mining lease conversion and small mine permitting process for Willa so that the property is at a state of readiness for development/operations should there be positive changes in metal prices and/or changes in project economics due to further resource definition.

The full Study is posted for reference on www.sedar.com and on the Company's website at <http://www.orphanboy.com>.

John A. Chapman, P.Eng., is the NI 43-101 Qualified Person responsible for the preparation of this news release.

On Behalf of Management

"John Chapman"

John A. Chapman, Director

The TSX Venture Exchange has in no way approved nor disapproved the contents of this news release