

THE WHITE HOUSE
CORRESPONDENCE TRACKING WORKSHEET

CO 083

INCOMING

DATE RECEIVED: APRIL 05, 1991

NAME OF CORRESPONDENT: MR. ROBERT ~~W~~ BISSON

SUBJECT: OFFERS HIS ORGANIZATION'S ASSISTANCE IN
HELPING TO DISCOVER DEVELOP, AND PROTECT THE
GROUNDWATER IN KUWAIT

ROUTE TO: OFFICE/AGENCY	(STAFF NAME)	ACTION		DISPOSITION	
		ACT CODE	DATE YY/MM/DD	TYPE RESP	C COMPLETED D YY/MM/DD
JOHN SUNUNU		ORG	91/04/05	JS	A 91/04/09 LJ
99doc	REFERRAL NOTE:	A	91/04/11 LJ	A	91/05/23 TC
	REFERRAL NOTE:		/ /		/ /
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	REFERRAL NOTE:		/ /		/ /

COMMENTS: _____

ADDITIONAL CORRESPONDENTS: MEDIA:L INDIVIDUAL CODES: _____

CS MAIL USER CODES: (A) _____ (B) _____ (C) _____

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*ACTION CODES:          *DISPOSITION          *OUTGOING          *
*                      *                      *CORRESPONDENCE:  *
*A-APPROPRIATE ACTION  *A-ANSWERED          *TYPE RESP=INITIALS *
*C-COMMENT/RECOM       *B-NON-SPEC-REFERRAL *          OF SIGNER   *
*D-DRAFT RESPONSE     *C-COMPLETED        *          CODE = A   *
*F-FURNISH FACT SHEET *S-SUSPENDED        *COMPLETED = DATE OF *
*I-INFO COPY/NO ACT NEC *                      *          OUTGOING  *
*R-DIRECT REPLY W/COPY *                      *                      *
*S-FOR-SIGNATURE      *                      *                      *
*X-INTERIM REPLY      *                      *                      *
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REFER QUESTIONS AND ROUTING UPDATES TO CENTRAL REFERENCE
(ROOM 75, OEOB) EXT-2590
KEEP THIS WORKSHEET ATTACHED TO THE ORIGINAL INCOMING
LETTER AT ALL TIMES AND SEND COMPLETED RECORD TO RECORDS
MANAGEMENT.

May 23, 1991

Mr. Robert Bisson
BCI Geonetics, Inc.
P.O. Box 529
Laconia, NH 03247-0529

Dear Mr. Bisson:

Thank you for your letter to Governor Sununu regarding the rebuilding of Kuwait.

We expect many of the reconstruction contracts to be awarded in the near future. I have enclosed a set of our materials on the Kuwaiti reconstruction program to assist you in planning your marketing efforts.

If you have any questions, we may be reached at (202) 377-3752.

Sincerely,

Karl S. Reiner
Director
Gulf Reconstruction Center

Enclosures

CONTROL C103150

cc: official EXECSEC White House ITASEC REINER

C103150

EXECUTIVE SECRETARIAT
OFFICE OF THE SECRETARY

1991 APR 12 P 1:18

T H E W H I T E H O U S E O F F I C E

REFERRAL

APRIL 11, 1991

TO: DEPARTMENT OF COMMERCE

ACTION REQUESTED:

APPROPRIATE ACTION

DESCRIPTION OF INCOMING:

ID: 226677

MEDIA: LETTER, DATED APRIL 2, 1991

TO: JOHN SUNUNU

FROM: MR. ROBERTA. BISSON
DIRECTOR
BCI GEONETICS, INC.
AIRPORT ROAD
POST OFFICE BOX 529
LACONIA NH 03247

SUBJECT: OFFERS HIS ORGANIZATION'S ASSISTANCE IN
HELPING TO DISCOVER DEVELOP, AND PROTECT THE
GROUNDWATER IN KUWAIT

PROMPT ACTION IS ESSENTIAL -- IF REQUIRED ACTION HAS NOT BEEN
TAKEN WITHIN 9 WORKING DAYS OF RECEIPT, PLEASE TELEPHONE THE
UNDERSIGNED AT 456-7486.

RETURN CORRESPONDENCE, WORKSHEET AND COPY OF RESPONSE
(OR DRAFT) TO:
AGENCY LIAISON, ROOM 91, THE WHITE HOUSE, 20500

SALLY KELLEY
DIRECTOR OF AGENCY LIAISON
PRESIDENTIAL CORRESPONDENCE

THE WHITE HOUSE

WASHINGTON

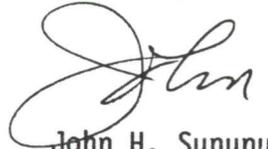
April 9, 1991

Dear Bob,

I have shared your letter and proposals for assisting Kuwait in protecting their groundwater with the officials at the Department of Commerce. They are coordinating the efforts of the United States government with regard to the restoration of the Middle East.

I hope you are doing well and appreciate your offer to help.

Sincerely,



John H. Sununu
Chief of Staff

Mr. Robert A. Bisson
Director
BCI Geonetics, Inc.
Post Office Box 529
Laconia, New Hampshire 03247-0529

226677



BCI GEONETICS, INC.

Groundwater Exploration, Development, and Protection

April 2, 1991

Governor John Sununu
Chief of Staff
The White House
Pennsylvania Avenue
Washington, DC 20500

Dear ^{John} Governor Sununu:

As you know, BCI is an 18 year old company with advanced proprietary and proven methodology for mapping and developing groundwater supplies in arid, complex geologic terrains. BCI has always approached water as a valuable economic mineral. Our only business is finding and delivering it, often in very tough, arid, remote places of the world where little baseline data exist. We map water development targets in context with the actual, regional boundary conditions which control the resource. This means, when we do start drilling, every well we drill fits into an existing map we have developed of the resource base.

We can bring a unique capability to the U.S. crisis management/reconstruction team, which can offer Kuwait real help in discovering, developing and protecting their precious groundwater for short and long-term benefits. A BCI Geonetics groundwater mapping program will provide engineers and planners with a factual country-wide water resource base map, for an effective water development strategy. We are a results-oriented enterprise, capable of attacking a problem with considerable energy and competence -- fast!

I have enclosed associated briefing materials and would be interested in any advice you can offer for contacting the appropriate people to become a part of the solution to the Kuwaiti crisis. Please feel free to contact me at any time.

Sincerely,

Robert A. Bisson
Director

RAB:cw
Enclosures

RAB103:Kuwait.329

BCI GEONETICS INTERNATIONAL -- KUWAIT BRIEF

March 18, 1991

Groundwater Development In The Space Age

BCI Geonetics maps groundwater the way modern oil companies map petroleum reserves, addressing the origins and pathways and reservoirs of the resource on a regional basis. This is a modern exploration approach which accurately maps the whereabouts of groundwater resources and addresses water as a true economic mineral. The results are dramatic. In the "solid granites" of the U.S. Appalachians, where thousands of artesian wells historically average five gpm of yield, BCI achieves 100 times that quantity in production wells, which serve thousands of citizens in numerous communities. In arid California, U.S.A., and in Somalia, East Africa, similar results are achieved by BCI in difficult bedrock environments, where traditional groundwater mapping methods fail. Equally vital to the interests of clients is the "big picture" BCI provides of regional water resources. BCI water wells are sited within the context of an accurate depiction of the total regional groundwater environment. Clients are therefore able to plan the safe development and protection of groundwater throughout the region.

New Discoveries for Kuwait -- The Exploration Team

Fourteen years of research, field testing and actual development of commercial quantities of groundwater in the earth's most difficult geologic terrains gives the BCI Geonetics teams, and our clients, a distinct advantage over alternative, traditional methods of groundwater mapping. The hydrogeologic environment of Kuwait is complex, but from BCI's perspective, presents many familiar, favorable characteristics for groundwater occurrence which have not yet been addressed by others. The core members of the proposed BCI Kuwait project team have worked together at BCI for over a decade. BCI water explorers are totally results-oriented and used to working under difficult field conditions. For example, BCI teams mapped 14,000 square miles of the Ogaden of Somalia, located and then developed critical new potable water sources during the Ethiopian-Somalia war and Somali revolution in the mid-Eighties. They later mapped the groundwater resources of 20,000 square miles of eastern Sudan under similar wartime and natural disaster conditions.

Team leaders Robert A. Bisson and Farouk El-Baz have worked together through the 1980's in Africa and the Mid East, designing and overseeing the exploration activities of BCI teams in Somalia and Sudan and performing background research and in-house feasibility studies of groundwater occurrence in Egypt, Libya, Ethiopia, Kuwait, Saudi Arabia, Qatar, the UAE and Oman. Based on BCI exploration methods and results in arid areas, Bisson and El-Baz published, in 1989, a breakthrough "exploration model,"

describing the nature of groundwater occurrence in tectonically active arid regions. The new and practical perspectives on groundwater resources presented in this (enclosed) publication provide national planning experts throughout the arid world with sound reasons for optimism with regard to water-dependent economic development opportunities.

Creating A Practical Groundwater User's Guide To Kuwait -- Protecting National Security And Enhancing Economic Development

In 1986, after considerable background work had been accomplished, BCI Geonetics' Directors, Dr. Farouk El-Baz and Mr. Robert A. Bisson, presented an unsolicited preliminary proposal for an unprecedented groundwater mapping program to the Kuwait Institute for Scientific Research (KISR). Recognizing that BCI Geonetics is a water development company, not an academic or research institution, the proposed mapping program involved extensive and appropriate participation by Kuwaiti scientists, while reflecting the unique exploration and results orientation of the BCI technology and team. The initial response from the Kuwaiti scientific community in 1986 was favorable and recent (January 18th) discussions with Washington-based Kuwaiti task force (Abdulla Al Minayes) indicated continued interest.

Recognizing that a very different reality exists today and that KISR is somewhat impaired at this time, we propose to streamline the 1986 proposed exploration program to fit the 1991 priorities of Kuwait's government. Kuwait's groundwater exists in a complex, regional environment and major regional knowledge of and access to these water resources is required for multiple near term purposes. All major uses of (currently) poorly understood national groundwater resources must be closely controlled by a knowledgeable Kuwaiti government. The risks associated with improperly sited, "crisis-driven" water well drilling range from the near-term costs of failure to locate appropriate sources of water for critical problems, to the long-term difficulties associated with aquifer contamination or overdrafting. In addition, major new water resources existing deep in the earth may be overlooked and commitments made to much more expensive alternatives.

Water issues facing Kuwait which BCI Geonetics is able to address in its exploration program range from oil well fire fighting to new sources of clean seawater, and are described on the following page.

THE GEONETICS GROUNDWATER MAP BENEFITS

	"Crisis Management" <u>3 months to 2 years</u>	Interim Use <u>3 months to 5 years</u>	Long-Term Source <u>Permanent</u>
1. Oil Well Fires	Fire fighting, country-wide	Fire fighting	Fire prevention and Drinking water
2. Public Health	Disease control / Minimize casualties	Maintain quality across country	Maintain quality across country
3. Kuwaiti National Defense	Tactical water sourcing	Flexible siting of predictable water	Military bases located at best water and other strategic factors
4. Reconstruction	Concrete mix, temporary housing	Construction projects	Cities and industrial use
5. Aquifer / wellfield sabotage assessment	Map aquifers and identify high priority sites	Testing and monitoring	Shut down and abandon OR clean and use OR give "clean bill of health"
6. "Make-up" clean water / brackish water for desalination plants	Replace or dilute oil-polluted feed water	"Make-up" and "Back-up" raw water sources for existing desalination plants	"Make-up" and Back-up" raw water sources for existing and future desalination plants
7. New primary sources for seawater feed - old and new plants	N / A	N / A	Site new plants with groundwater feed of seawater sources - inland and along shore with maximum flexibility for client convenience and minimum pollution risk from open sea water