**EXHIBIT 72** 

1	Diane G. Kindermann (SBN 144426) Glen C. Hansen (SBN 166923)			
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5	Attorneys for G. Scott Fahey and Sugar Pine Spring Water, LP			
6				
7				
8	BEFORE THE STATE OF CALIFORNIA			
9	STATE WATER RESOURCES CONTROL BOARD			
10	IN THE MATTER OF	STATEMENT OF QUALIFICATIONS OF		
11	ADMINISTRATIVE CIVIL LIABILITY COMPLAINT ISSUED	ROSS R. GRUNWALD WITH RESUME		
12	AGAINST G. SCOTT FAHEY AND SUGAR PINE SPRING WATER, LP			
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	STATEMENT OF QUALIFICATION	IS OF ROSS R. GRUNWALD WITH RESUME		

# EXPERT DECLARATION

Ψ.	D D	C 11	1 1
I,	Koss K.	Grunwald	, declare

- 1. My education has included a Bachelor of Science and Doctor of Philosophy in geology, a Master of Science in Oceanography, and extensive specific courses in geology, hydrogeology, and environmental characterization and remediation. I am a Registered Professional Geologist in the states of California (#3948), Oregon (#737), and Washington (#1708) and am a Certified Hydrogeologist in California (#269). I have over 50 years' experience in detailed geologic evaluation including extensive studies in environmental characterization, remediation, hydrogeologic evaluation, mineral exploration, and project management. I have worked for major and mid-level companies in positions of responsibility and I have also worked as an individual consultant. In addition I was retained as an expert witness for the United States Bureau of Land Management. My resume is attached to this declaration as Exhibit 1.
- 2. I am qualified to testify as an expert on, and will generally provide expert witness testimony in this matter regarding, the following subjects: (1) geology and (2) hydrogeology
- 3. I have agreed to testify about these matters at the administrative hearing in this case.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, except as to those matters alleged on information and belief and, as to those matters, I believe them to be true. Executed this 7<sup>th</sup> day of December 2015, at Jamestown, California.

Ca C. Tall

# ROSS R. GRUNWALD, Ph.D. Registered Professional Geologist Certified Hydrogeologist

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#### **Education:**

Ph.D. Geology, South Dakota School of Mines and Technology, Rapid City M.Sc. Oceanography, University of Hawaii at Manoa, Honolulu B.S. Geology, South Dakota School of Mines and Technology, Rapid City

# **Professional Licenses and Registrations:**

Registered Professional Geologist (#3948), Certified Hydrogeologist (#269), California Registered Professional Geologist (#737), Oregon Licensed Professional Geologist (#1708), Washington Member, American Institute of Professional Geologists (#1718) U.S. Dept. of Labor MSHA Instructor—Underground & Surface

#### **Professional Affiliations & Committees:**

Member, Society of Sigma Xi

Registered Member, Society for Mining, Metallurgy (#1257400RM), and Exploration--Chairman, Black Hills Section, 1974, Sierra Nevada Section., 1997-99

# **Employment History:**

2001 to Present: GeoResource Management, Jamestown, California

## PRINCIPAL AND CHIEF CONSULTANT

Wrote NI 43-101 compliant mineral resource estimate for Sutter Gold project. Identified and evaluated new aggregate resource areas in California and New Mexico. Discovered and estimated reserves for a railroad ballast source in New Mexico that subsequently produced at the rate of 15,000 tons per week. Evaluated gold mines in the People's Republic of China, Cambodia and the Kyrgz Republic, and directed the recovery and refining of byproduct gold from an aggregate quarry. Conducted studies and wrote reports to certify natural springs for use as bottled spring water, conducted pump tests for ground water sustainability, carried out paleontological investigations, performed surveys relating to land use in the California desert region, and completed Phase I and Phase II environmental assessments. Also, evaluated and remediated ground water contamination of metals and hydrocarbons and designed septic systems for new residential developments.

# 2011 to Present: Highland Copper Company and wholly owned subsidiary Keweenaw Copper Co., Calumet, MI VICE PRESIDENT-EXPLORATION, 2011 to 2014, SPECIAL CONSULTANT, 2014-Present

Responsible for overseeing and managing copper exploration projects in Houghton and Keweenaw Counties, Michigan. Managed 30 employees and a budget of \$12 million.

## 2000 to 2001: Resource Design Technology, Inc. Folsom, California

# PROJECT DIRECTOR/PRINCIPAL GEOLOGIST

Carried out geological and hydrogeological investigations and wrote reclamation plans for aggregate mines located in California. Conducted California Surface Mining and Reclamation Act inspections.

# 1992 to 2000: American Geological Services, Inc. Lakewood, Colorado

# FOUNDER, CHAIRMAN, CHIEF OPERATING OFFICER AND CHIEF SCIENTIST

Was responsible for business development and management of geologic investigations and environmental projects. Also, was responsible for regulatory compliance and technical oversight of all scientific investigations to insure that all projects were conducted in a timely and professional manner. Was in charge of all exploration and mining, and environmental projects. Insured that the proper personnel were assigned, that QA/QC and Health and Safety procedures were followed, and that the appropriate scientific technology was applied. Carried out mineral resource investigations in the People's Republic of China and Yap State in the Federated States of Micronesia, as well as in California and Nevada.

# 1987 to 1992: DRX, Inc. and wholly owned subsidiaries, Westland Mineral Exploration Co. and DRX Micronesian Mineral Resource Company, Ltd. Denver, Colorado

### VICE PRESIDENT AND CHIEF GEOLOGIST

Planned and supervised a precious metals exploration program with up to thirty employees with five professional geologists in the western Pacific islands of Micronesia. Also directed exploration programs for gold and silver for several projects in the western United States. As a result of these exploration programs, substantial new ore reserves were added to the Company's assets.

# 1983 to 1987; CONSULTING GEOLOGIST, Sonora, CA

Planned and directed mineral exploration projects in Canada, California, South Carolina, Nevada, and the western Pacific. Wrote key technical reports that were used as the basis for the listing of three companies on the Vancouver Stock Exchange. Supervised geological and hydrological work related to assessment and remediation of leaking underground storage tanks and other contaminated sites in the Central Valley of California. This work included gasoline and other hydrocarbon contaminated sites as well as heavy metals contamination. Was involved in remediation of sites utilizing a number of methods, including vapor extraction systems, bioremediation for soils, carbon adsorption, ion exchange, and air stripping. Also participated in water supply and quality studies for several new housing developments.

#### 1980 to 1983: Resource Exploration, Inc., Marquette, MI

#### PRESIDENT (1981-83), VICE PRESIDENT (1980)

Managed geological consulting firm of up to fifty employees engaged in exploration projects for precious, base metals and coal in areas as far ranging as Michigan, Wisconsin, South Dakota, California, Nevada, Oregon, and Canada. Also managed the de-watering, reconditioning, and underground exploration of the Ropes gold mine that subsequently produced at the rate of 2,200 tons per day.

## 1979 to 1980: Hard Rock Mining Company, Breckenridge, CO

#### PROJECT MANAGER

Directed the opening and reconditioning of the Gold Crest gold mine for exploratory development. This involved construction of access roads and surface support facilities, a program of test mining, milling the ore at a custom mill and marketing the concentrate.

## 1978 to 1979: Homestake Mining Company, Reno, NV

#### **DISTRICT GEOLOGIST**

Managed precious metal exploration project in California. Set up an office and constructed a sample preparation laboratory. Also obtained required permits for a major drilling effort.

# 1974 to 1978: Homestake Copper Company, Calumet, MI

# PROJECT MANAGER (1977-78), CHIEF GEOLOGIST (1975-76), RESIDENT GEOLOGIST (1974)

Managed and directed a field exploration program for copper on the Keweenaw Peninsula of Michigan. This program resulted in the discovery of a resource containing 270 million pounds of copper. Also planned and directed underground exploration programs at Centennial #6 and Quincy #8 mines. In addition, developed a geologic program and ore estimating strategy for the Key Project (750 ton per day underground mine and concentrator). Was also responsible for public relations for Homestake Mining Company in Michigan. During this time managed up to 27 employees.

# 1976 to 1978: Michigan Technological University, Department of Geology and Geophysics, Houghton, ADJUNCT PROFESSOR

Lectured on special topics relating to mining and geology. Also served on several thesis committees.

#### 1970 to 1974: Homestake Mining Company, Lead, South Dakota

#### STAFF GEOLOGIST

Responsible for geology and grade control, ore reserve estimation, diamond drill logging, and surface and underground mapping. Developed a geological model that ultimately led to the discovery of substantial new ore-bearing structures west and north of the main mine.

## 1966 to 1968: Hawaii Institute of Geophysics, Honolulu, Hawaii

#### **ASSISTANT IN GEOPHYSICS**

Carried out groundbreaking research on the geochemistry and mineralogy of Hawaiian marine sediments.

#### Summers of 1961 & 62: U.S. Geological Survey, Huron, SD

#### **HYDROLOGIC FIELD ASSISTANT**

Participated in a study recharge characteristics of the aquifer in the classic artesian basin in South Dakota.