RESOLUTION NO. 23498

A RESOLUTION AUTHORIZING THE APPOINTMENT OF STEVE OWENS, FELIX VESS, TIMMY SYKES, JEFFREY HAZELWOOD AND RALPH BROWN AS SPECIAL POLICEMEN (ARMED) FOR THE CHATTANOOGA HOUSING AUTHORITY, TO DO SPECIAL DUTY AS PRESCRIBED HEREIN, SUBJECT TO CERTAIN CONDITIONS.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That Steve Owens, Felix Vess, Timmy Sykes, Jeffrey Hazelwood and Ralph Brown be and are hereby appointed as special policemen (armed) for the Chattanooga Housing Authority, subject to certain conditions and restrictions:

1.That said special policemen shall have, possess and exercise every power, except as hereinafter limited, granted by the statutes of the State of TennessFire and ice – a good place to search for life?Jörn HelbertInstitute of Planetary ResearchDLRRutherfordstrasse 2, 12489 BerlinGERMANYjoern.helbert@dlr.de Creating a habitable environment is a complex process involving a wide variety of interacting processes. A prerequisite for any biological activity is an energy source. The terrestrial example of the black smokers shows how efficient geothermal processes are as an energy source.There is ample morphological evidence for continuous and episodic volcanic activity over the geological history of Mars. The youngest ages determined by the crater size-frequency measurements are about 2 Ma suggesting that the volcanoes are potentially still active today. While there is no direct evidence for volcanic activity the likelihood for localized hot spot activity or hydrothermal systems is very high.We have shown recently using thermo-physical modeliee or the City of Chattanooga to regular police officers of the City of Chattanooga necessary in the performance of their duties. Such powers and performang that a morphologically identified glacial deposit on the northwestern flanks of Hecates Tholus contains very likely still a stagnant ice core. There are several units on Mars, especially on flanks of volcanic edifices, which based on morphological evidence may be glacial deposits and which are possibly still ice-cored. Combining these two findings provides an interesting option for a biological niche. Our modeling shows that variations in the climate and in the local internal heat flow due to ongoing volcanic activity can create a complex internal structure of these ice deposits. The ice deposits can effectively store volcanic gases. The enrichment of water ice with volcanic gases might form a nutrient rich environment which is protected by a dust cover and sealed by an enrichment of ice at the top. The implications for biological activity in these places deserve further attention.nce of duties by said special policemen are expressly limited to the performance of duties in their positions as Investigators for the Chattanooga Housing Authority.

2.That said special policemen shall not be considered employees of the Chattanooga Police Department, nor shall they be entitled to any benefits afforded regular police officers of the City, and shall in all respects be considered employees of the Chattanooga Housing Authority.

3.That such appointments shall expire upon termination of said special policemen’s employment by the Chattanooga Housing Authority. Notwithstanding any other provision herein, the City Council of the City of Chattanooga shall have the right to cancel such appointment at any time.

ADOPTED:August 27, 2002

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