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Aberfoyle Resources Limited

Incorporated in Victoria

EXPLORATION DIVISION

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Dr. Tony Crawford
 University of Tasmania
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Dear Tony,

Please find enclosed 41 drillcore samples for petrological description from DDH MAC-26 drilled at Mount Charter, essentially down the alteration system.

Four of the samples require polished thin section preparation. The rest require the usual preparation and description.

I have included available Ti/Zr and Cr results as well as Alteration Index elements, which may prove to be of some assistance in lithology identification.

The following samples require polished thin section preparation and description:

#431481	35.0m	Grey massive Barite rich volcanoclastic with some pyrite clasts? and minor base metal sulphide (BMS) disseminations.
#431564	75.2m	Grey siliceous Dacite volcanoclastic with strong barite/BMS veining.
#431567	217.6m	Grey massive banded barite/BMS vein.
#431568	224.5m	Grey-green Dacite lava with strong sericite/silica alteration and barite/BMS veins and stockworks.

NB: Please examine the bluish purple alteration of the dacite clasts in sample #431568 which I mentioned to you when we last spoke. It has a grey/black streak and has the appearance of some form of metallic sulphide.

The remaining 37 samples require thin section preparation and description only:

#431479	12.8m	Grey-green Dacite volcanoclastic with moderate sericite/pyrite alteration.
#431480	32.4m	Grey massive Barite with minor Dacite clasts and abundant recrystallised? pyrite intergrowths.

NB: Please comment on the apparent clastic texture of the barite in sample #431480. This appears to be the commonest form of massive barite at Mount Charter and is distinct from the massive vein-style barite, which is also present at Mount Charter, in that it lacks banded/colloform textures.