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PROGRESS REPORT

*Willow Swamp Creek*  
TARGET F - ~~MURPHY LAKE~~ PROJECT

JUNE 16 - JULY 7, 1969

STOKES EXPLORATION MANAGEMENT CO. LTD.

July 10, 1969.

## PROGRESS REPORT

### TARGET F - MURPHY LAKE PROJECT

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#### GENERAL

Geologic mapping and prospecting has been completed in the southern half of the F claim block. On the 3rd of July a helicopter was used to establish a fly camp in the north. Mapping and prospecting will be carried out for approximately two weeks from this camp.

#### GEOLOGY

Mapping to date has indicated local geology as follows:- the F block is bounded along its western perimeter by a body of Monzonite. This rock is generally cream coloured but locally has a greenish tinge due to epidote alteration. There may be a sufficient quantity of quartz present to redefine the rock as a quartz monzonite. The F block itself is underlain by basic rock types. These include fine to medium grained diorite, pyroxene andesite, unaltered massive pyroxenite amphibolite, and dull green carbonite rich greenstone. Coarse breccia, carrying angular clasts of porphyritic andesite is fairly common. Argillaceous rocks outcrop in the southeastern part of the F claim block.

Magnetite has been found associated with coarse grained rocks lying within the magnetic source body as outlined by Ross Kidd. Weak disseminated iron sulphides occur throughout these basic rocks.

#### MINERALIZATION

Some copper staining has been found occurring in a coarse crystalline augite/hornblende rock type. The stain has been identified in two separate outcrops, some 3000 feet apart.

Chalcopyrite has been identified in greenstone in an outcrop at the southwest boundary of the F claim block. The mineralization is, however, extremely weak. Thirteen full-sized claims were staked to extend the F block into this area, and also to cover the southwestern area indicated for follow-up work from the magnetic survey. (See attached sketch).

### MINERALIZATION (Cont'd)

The northern and most western magnetic anomalies occur in an area underlain by a competent monzonite body. No indication of economic mineralization has been found associated with these monzonites. No detailed work has yet been completed in the area indicated for follow-up work within the F claim block.

### GEOCHEMICAL SURVEY

Barringer Research's crew were sampling the creeks at 'F' during the period June 22nd to 27th. New flagging is being found along the stream courses. Arrangements were made with Barringer Research party chief, Dave Ridly, for SEMCO'S crew to pick up silt samples in the relatively inaccessible northern parts of the F claims area.

### CLAIM STAKING

Forty-eight full-sized claims were staked by M. Elson and B. Gregory during the period June 25th to 30th, to cover the earlier located copper prospect at Boomerang Lake. These claims, F207 through F254, are tied into the southeastern boundary of the F claim block.

Thirteen mineral claims, F255 through F267, were staked on the 28th and 29th of June, to cover an area to the southwest of the F block. This area is one of those recommended by Ross Kidd for follow-up work.

Two fractional claims, F268 and F269, were staked on June 30th. These two claims lie within the F claim block.

See accompanying sketch which shows the approximate location of the new F block staking.

CLAIM STAKING (Cont'd)

Thirty-four full-sized claims were staked along the northern boundary of the Target H claim block. These claims were located to cover a photogeologic anomaly.

All of the above mineral claims were staked as agent for R. B. Stokes. They will be transferred to Cyprus Exploration Corp. Ltd. when the respective 'A' Forms are received from the Mining Recorder.

Respectfully submitted,

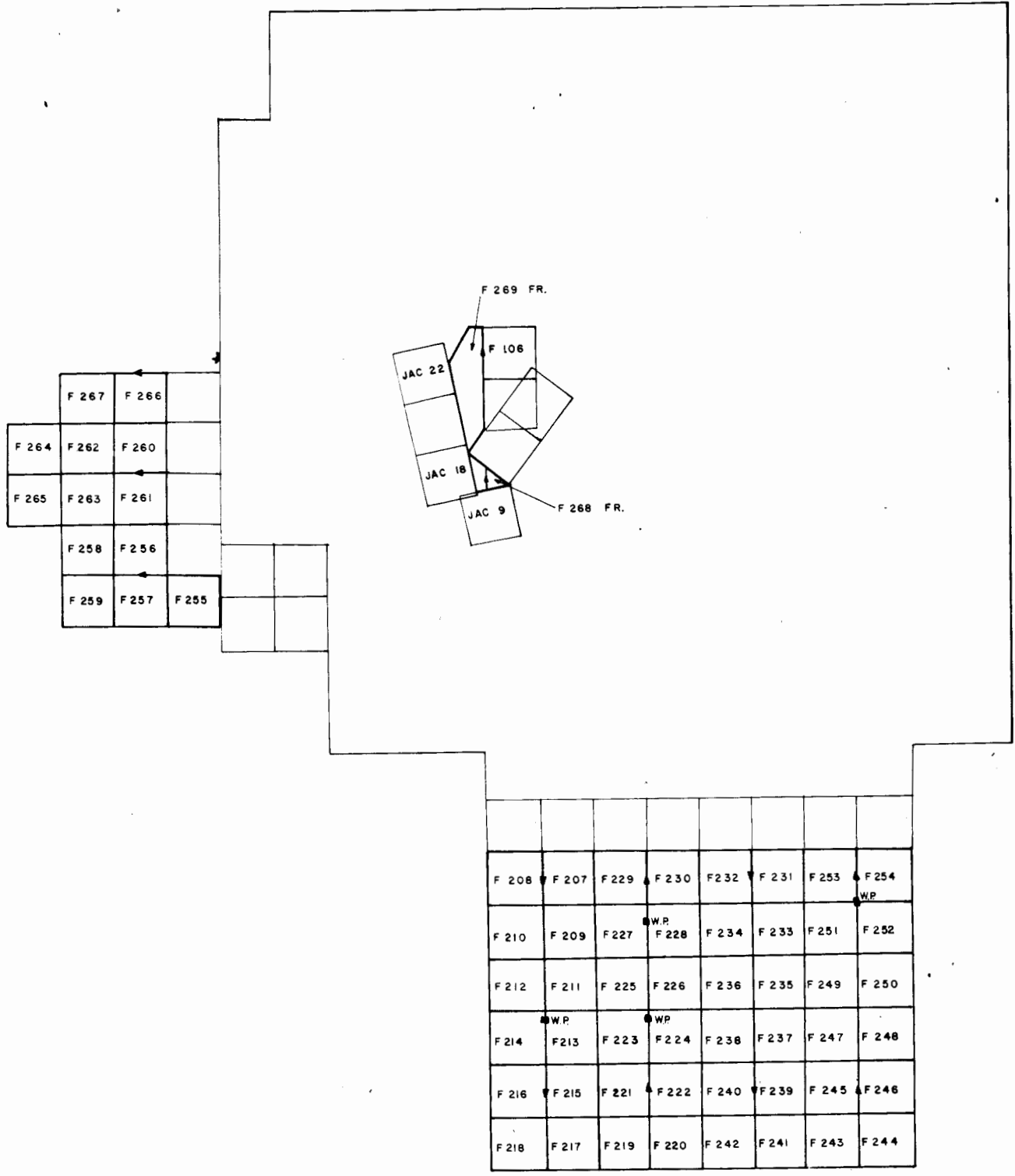
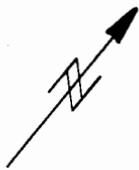
STOKES EXPLORATION  
MANAGEMENT CO. LTD.

*D. G. Leighton*

D. G. Leighton,  
Geophysicist/Geologist.

DGL/tb

July 10, 1969.



CYPRUS EXPLORATION CORP.  
**CLAIMS PLAN**  
NEW STAKING  
TARGET 'F'