

57-187

RIO TINTO FIELD WORK

**Table of Contents – Corinna
Statement – Corinna
Pieman 40 Chains 1956 on Corinna**

CORINNA QUADRANGLE 43

Run No	Photo No	OVERLAYS		FIELD NOTES			COMPILATION	
		FINISHED	CHECKED	PRINTED	TYPED	CHECKED	PRELIMINARY	CONTOUR MAP
			30 sheets	1953				
1	46360							
	61							
	62							
	64							
		U/A						
2	46424	✓		—	✓			
3	46451	✓		—	✓			
	520/A							
			20 sheets	1947				
1	26236	✓		—	✓			
2	26326	✓		—	✓			
	27	✓		—	✓			
3	26382	✓		—	✓			
4	28828	✓		—	✓			
5	26433	✓		—	✓			
	26453	✓		—	✓			
	54	✓		—	✓			
	55	✓		—	✓			
7	28875	✓		✓	✓			
	76	✓		—	✓			
	77	✓		—	✓			
	78	✓	✓	✓	✓			
	79	✓		✓	✓			
	28903	✓		—	✓			

MICROFILMED

MICROFILMED

MICROFILMED

002

RUN NO	RIO'S TOTAL	TAKEN FOR TRACING	NO	REMARKS
	30 chains 1953			
P	46347 - 46367	46360, 1, 2, 4	4	
1A	46514 - 46536	—	0	
2	46412 - 46430	46424	1	
3	46447 - 46463	46451, 2	2	
	20 chains 1947			
1	26286 - 26249			
	26258 - 26234	26236	1	26250 - 26257 missing
2	26287 - 26315			
	263 ²⁶ 17 - 26342	26326, 7	2	26325 - 26316 missing
3	26354 - 26369			
	26379 - 26409	26382	1	26370 - 26378 missing
4	28806 - 28849	28828	1	
5	26411 - 26461	26433		
		26453, 4, 5	4	
7	28868 - 28927	28875, 6, 7, 8, 9		
		28903	6	
WST Tie	28928 - 28967	—	0	

001

PIEMAN 40 charts 1956 on CORINNA

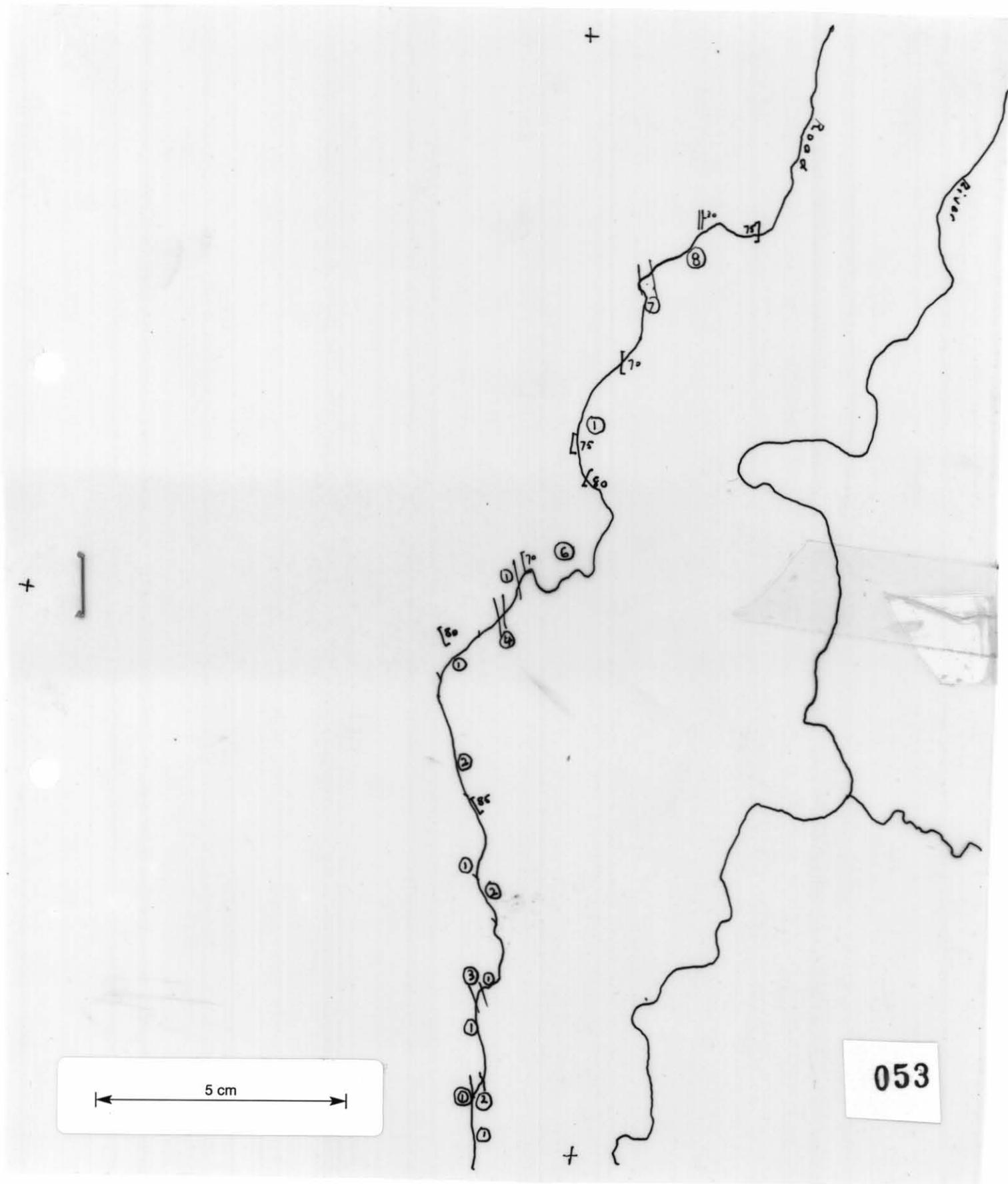
Pepper Schuteh

449004

RUN NO	T-NO	PHOTO NO						
3	T320	21						
4	T319	107						
5	T319	69						
		69						
		69						
		71						
		75						
6	T319	30						
		33						
		34						

Corinna R-n 2 - 46424

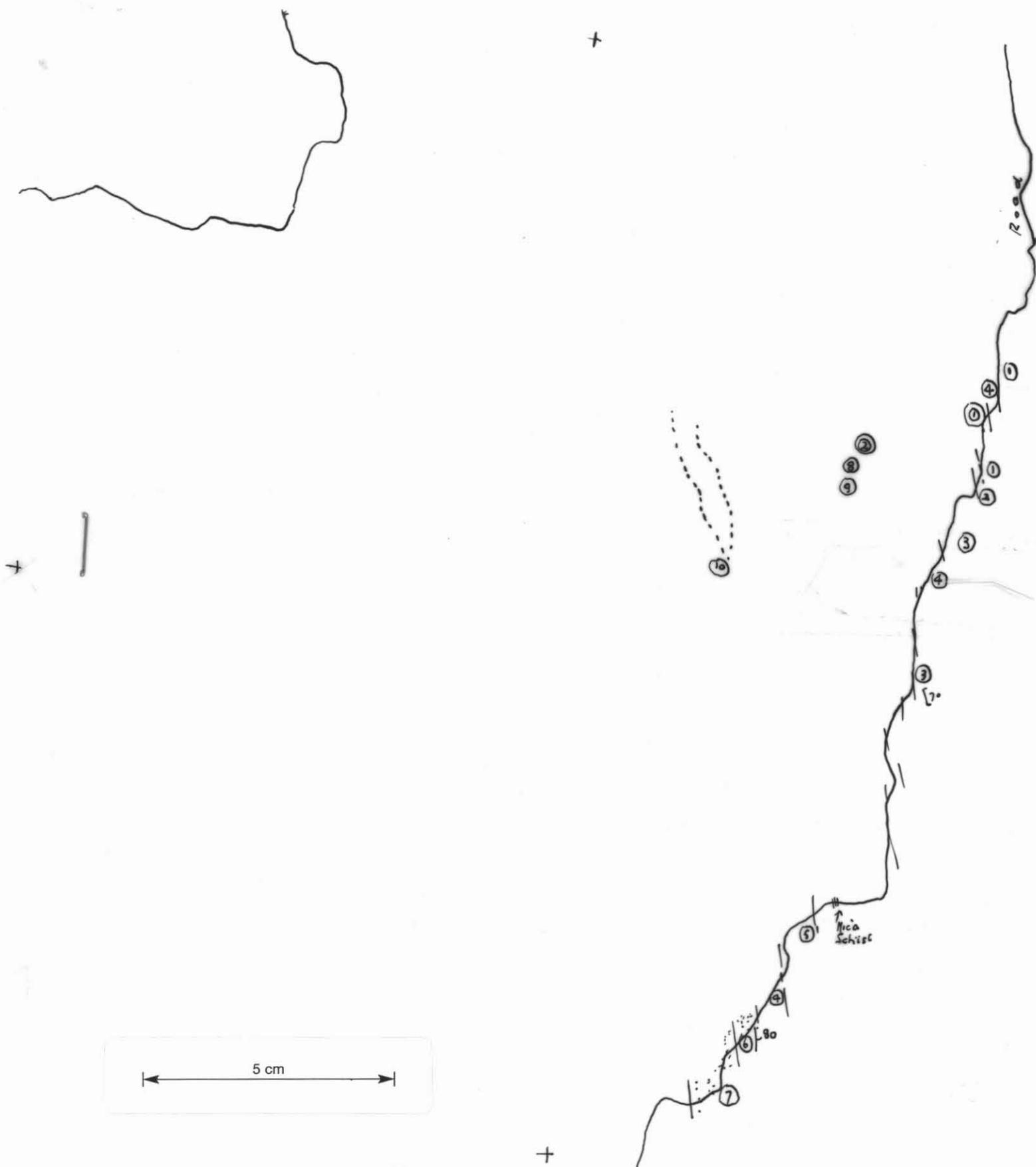
449005



CORINNARun No. 2Photo No. 46424

- (1) Predominantly chlorite and quartz-chlorite schist. Quartz-mica schists, "sandy" on weathering also occur. Small patches of phyllite. This "formation" varies as to metamorphic grade and in the proportions of quartz to chlorite. It is not a distinct stratigraphic unit. ((1)) a) chlorite schist (b) quartzitic variety.
- (2) No outcrop, soil and alluvium cover.
- (3) Chlorite-schist. A variety of (1)
- (4) "Chlorite" rock - a clay-chlorite aggregate.
- (6) Chlorite-talc schist. No quartz. Var. of (1)?.
- (7) F.g. light grey quartzite, black slate, grey chert and schistose rocks.
- (8) Quartz-schists, some forming more massive "cleaved Beds"; chlorite-schists, phyllites etc. Similar to (1) in composition.

Corinna Run 3 46451



CORINNARun No.3Photo No. 46451WA 30/5/57

- (1) Fine, chlorite schist, quartzitic in places. Has talc or sericite content. ((1a))Chlorite schist ((1b)) Chlorite-quartz-schist.
- (2) Decomposed, m.g. basic igneous rock, schistose, but massive in outcrop.
- (3) Uniform sequence of clastics, forming "sandy" quartz-schists, chlorite-schists, phyllites and quartz-mica-schists. Schistosity 335/80°E.
- (4) No outcrop, soils with residual quartz and alluvium.
- (5) "Chlorite-rock". Fine grained decomposition product of clay, chlorite and mica. Little or no quartz, generally green. Some minor sandy layers. Possibly some talc?. Originally an argillaceous sequence?.
- (6) White quartzite with carbonaceous slate band, 355/80°E.
- (7) Quartz-mica-schist. Quartz fine and granular, often aggregates. Mica, very fine, and in matrix. (talc?).
- (8) Altered basic igneous rocks Schistose, chloritised, pyritised. One of the gabbro-amphibolites types as at Rio Tinto. ((2))

004

449011

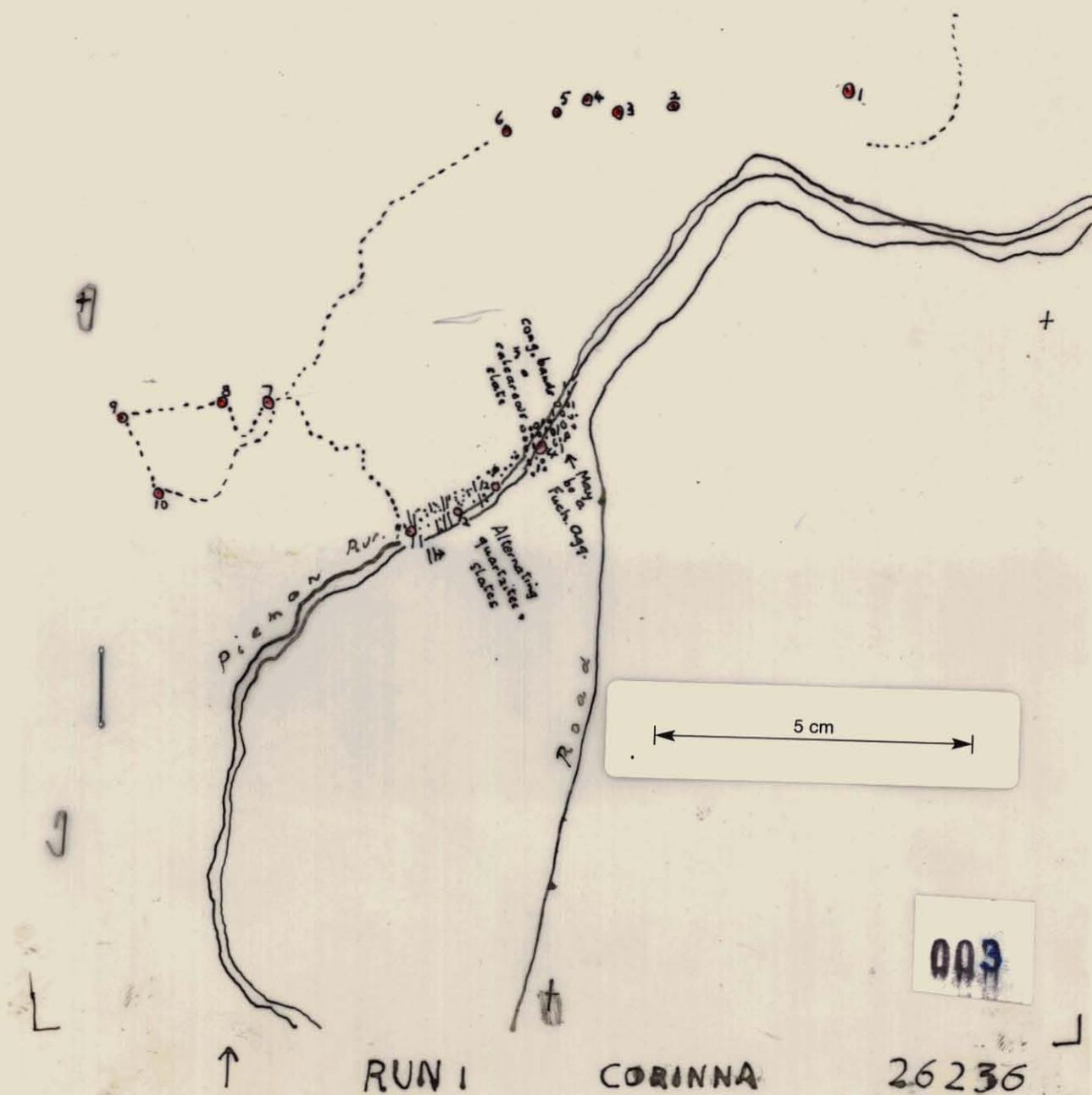
CORINNA

Run No. (1)

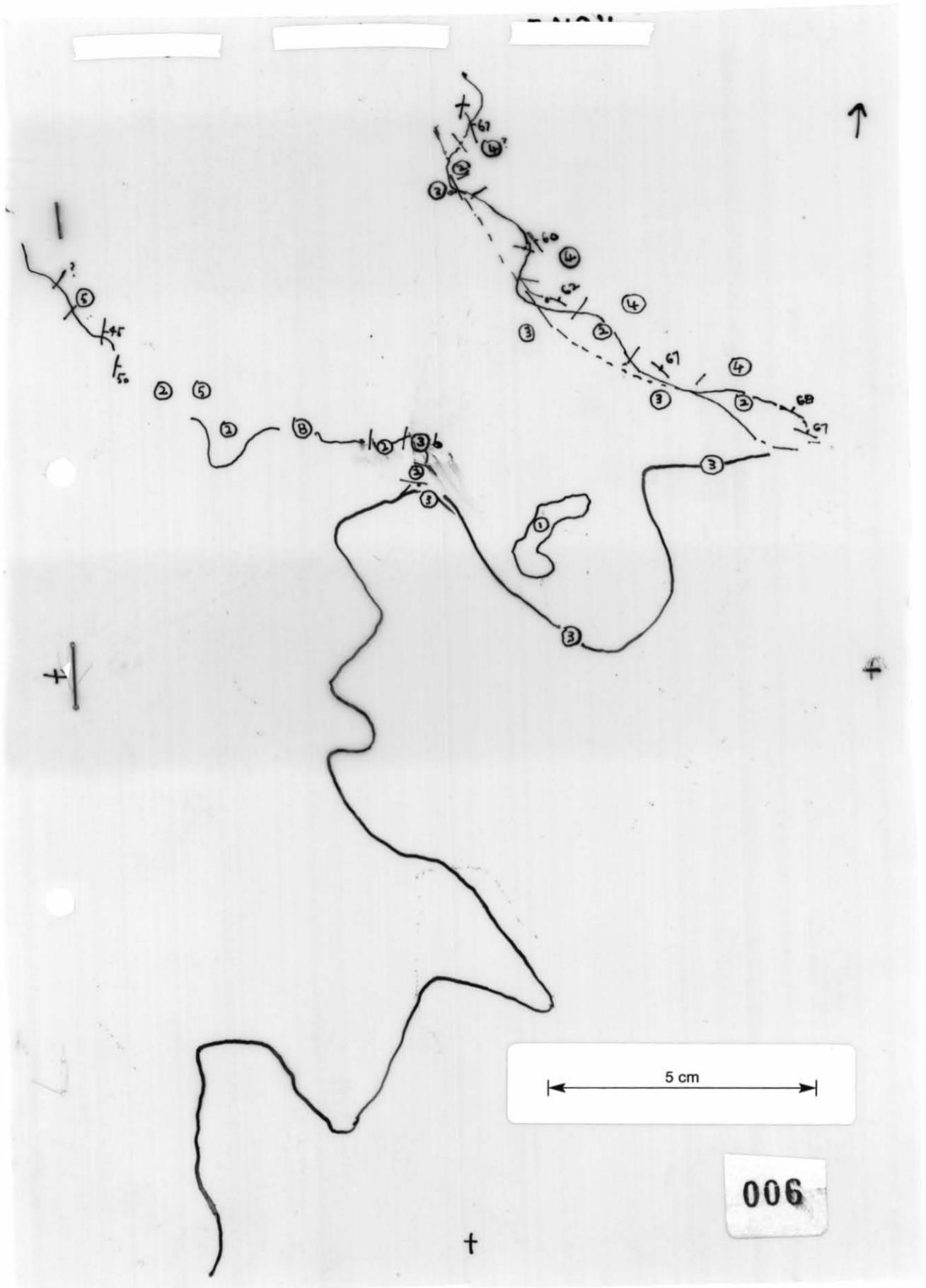
Photo No. 26236

WA & JW 29.12.56

- (1) White f.e.m. gr. sandy conglom.
- (2) No outcrop.
- (3) F.g., 1 grey bedded s't. Floaters under overturned tree.
- (4) Sandy quartzite - 1.grey (3?) $340^{\circ}/?W$ (creep)?.
- (5) Grey shale.
- (6) No outcrops at 7,8,9,10.
- (11) Yellow (weathered) slates - cleavage $345^{\circ}/70^{\circ}E$. Pass into interbedded slate and quartzite. 100' - qtzts. appear tuffaceous. Then 75' grey slates $340^{\circ}/70^{\circ}E$
No outcrop for 500'. River gravels.
- (12) Small outcrop grey, micaceous slates interbedded with banded quartzite.



Corinna Run 2- 26326



007

449014

CORINNA

Run No. 2

Photo No. 26326

G.Fish, 8/11.2.59

- (1) Alluvial deposit overlaying serpentine, the deposit consists mainly of limonite and smaller amounts of magnetite.
- (2) Alluvium.
- (3) Dark green coloured very fine grained ultra basic serpentine. There are occasional veins of chrysotile crossfibre. At (a) the serpentine contains a weakly magnetic mineral possibly magnetite or chromite. At (b) there are minor segregations of a black mineral (specimen).
The age is post Cambrian sediments as there are veins of actinolite (specimen) in these sediments, There are also signs of serpentinisation of the country rock. However the age is pre Gordon lms as this rock is unaffected by the ultrabasic rock.
- (4) A grey fine grained banded lms compact with a conchoidal fracture. Pyritic cubes are sometimes present. Stycolitic banding (pressure soln. some layers) are common.
- (5) Fairly massively bedded purple slate - the rock in places contains veins of prismatic actinolite crystals. It is mineralised by pyrites

010

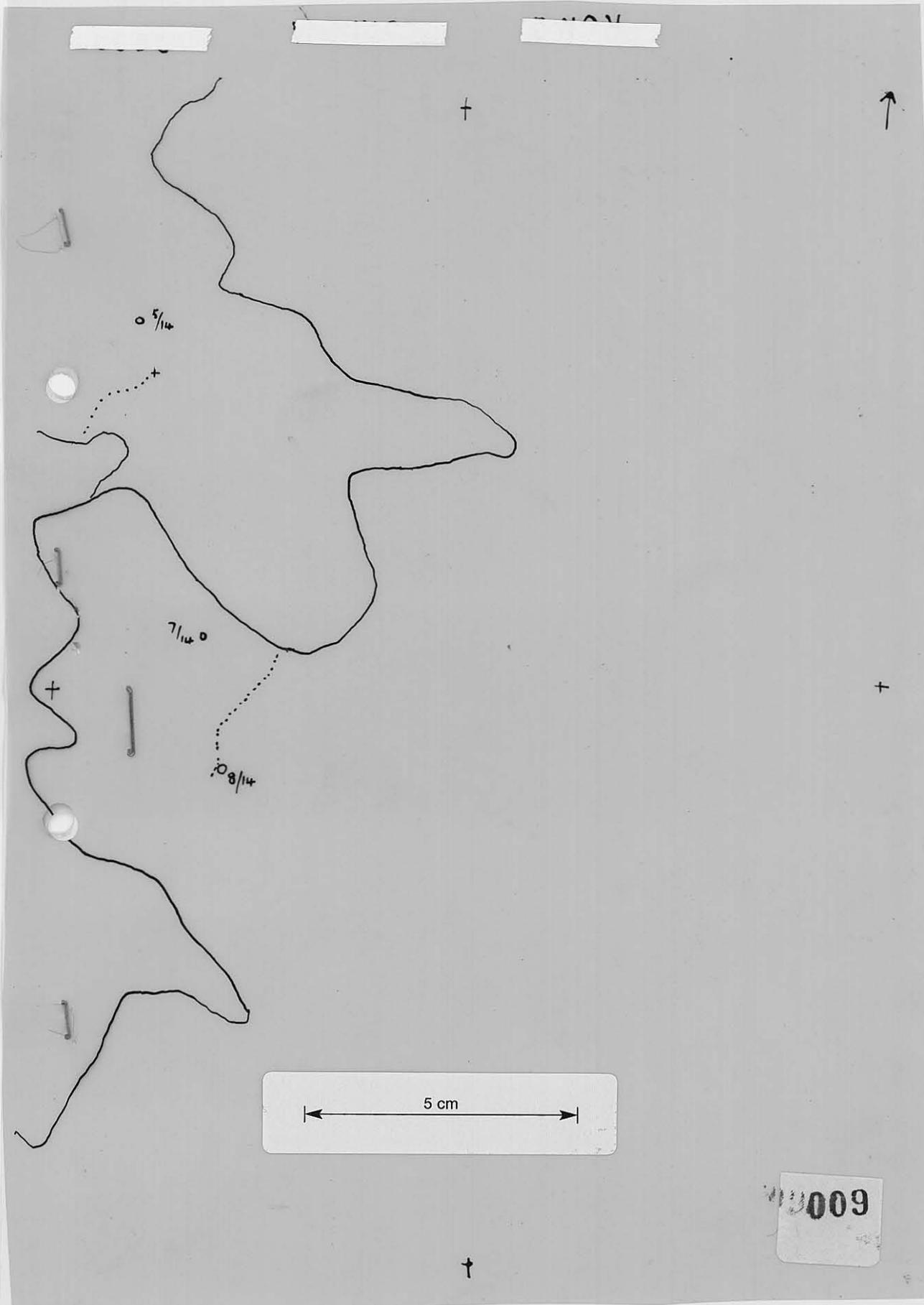
CORINNA

Run No. (2)

Photo No. 26327

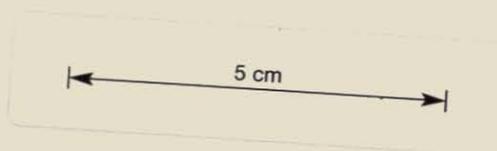
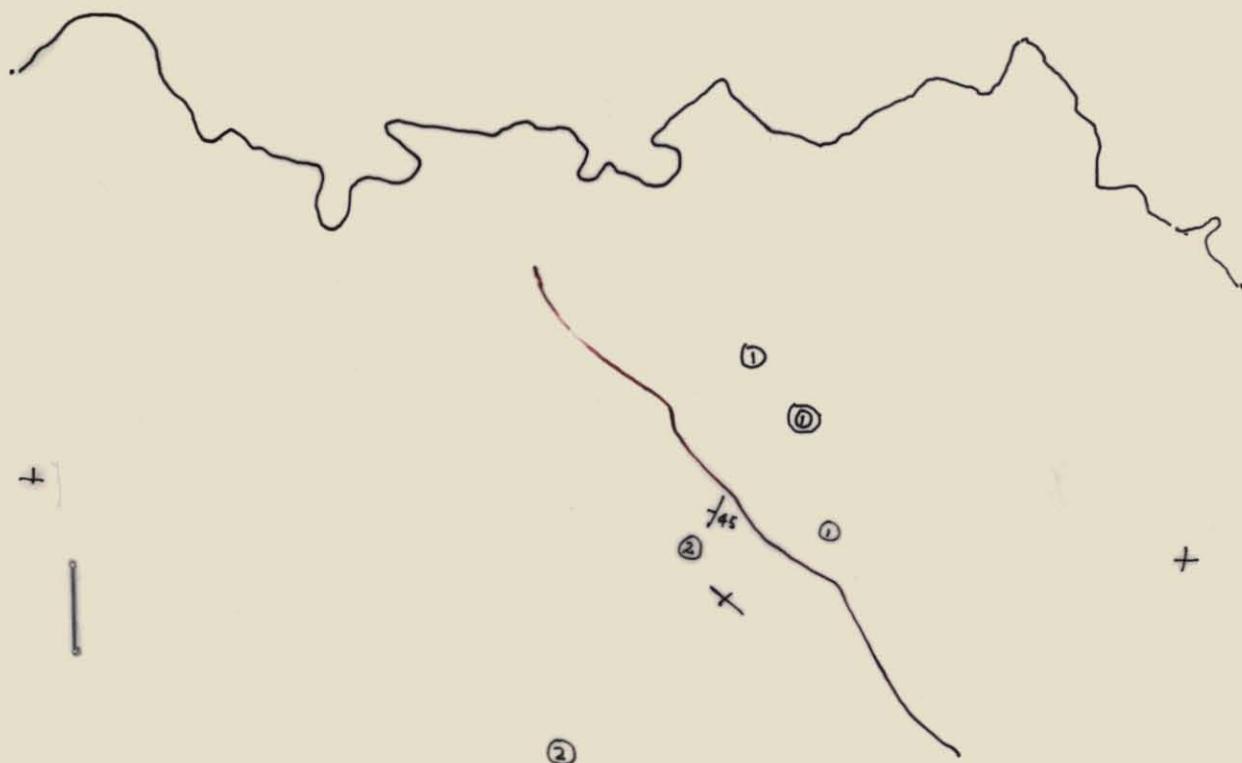
?

7/14 Barren serpentine. "Altitude anomaly". Only v. minor phenocrysts of magnetite.



CORINNARun No. (3)Photo No. 26382Atkinson (?)

- (1) Massive, coarse grained, quartz-microcline (?) - biotite granite, giving rise to bold bare outcrops. Abundant tourmaliniferous veins. No pegmatites or granite apophyses. Contact with (2) is always sharp, without feldspathisation phenomena.
- (2) Well bedded (thin bedding to lamination) quartzites, slightly silky (sericitic?) in places, with quartz tourmaline veins, giving rise to grassy outcrops and quartzose leached soil, almost treeless except along deep creeks.
(?) Precambrian.



012

RUN 3

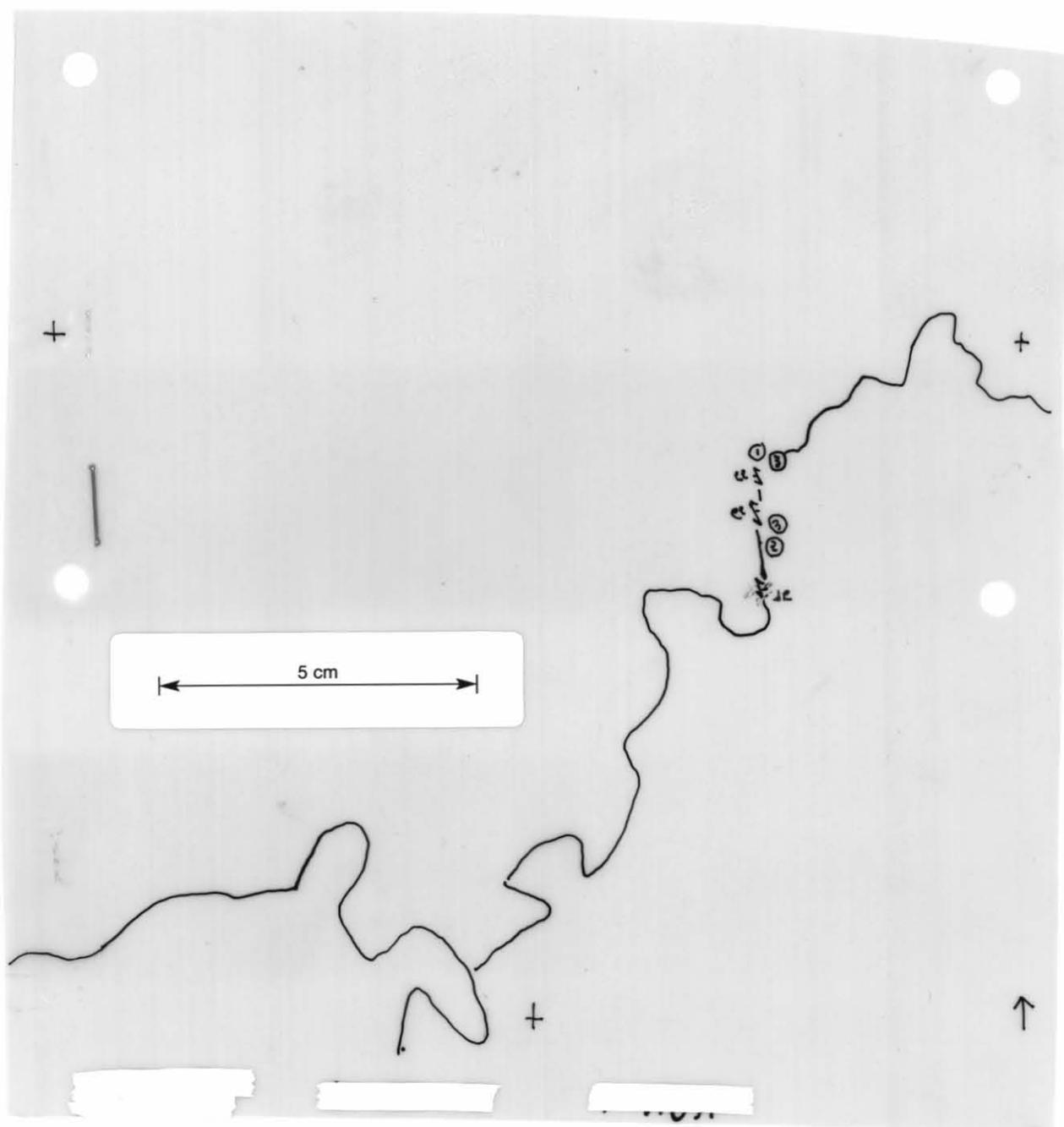
CORINNA

26382

016

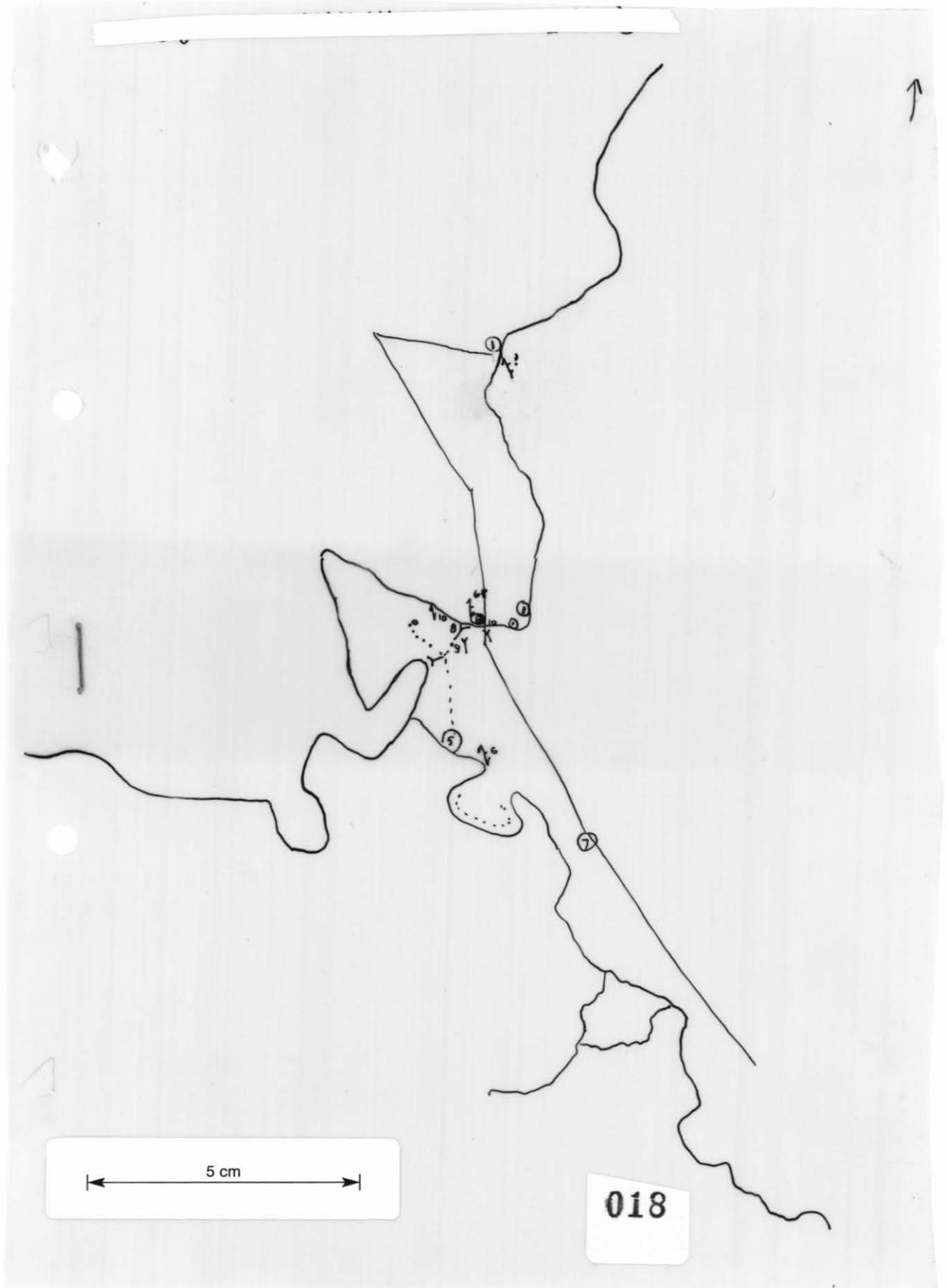
CORINNARun No. (4)Photo No. 28828Atkinson?

- (1) F.gr. slightly schistose d.green chloritised amph. g.mass.
Qtz-plag phenocrysts, minor serpn.
- (2) Heavy d.grey foliated qtz-chl schist. Minor mag.? Minor
qtz. veining.
- (3) Sil.grey amph.? sch.
- (4) Foliated banded ? mag-sil-pyr-sch. $10^{\circ}/65^{\circ}E.$, relatively little
mag. Form. very wide, with v.minor amts iron.



Corinna Run 5 - 26433

449022



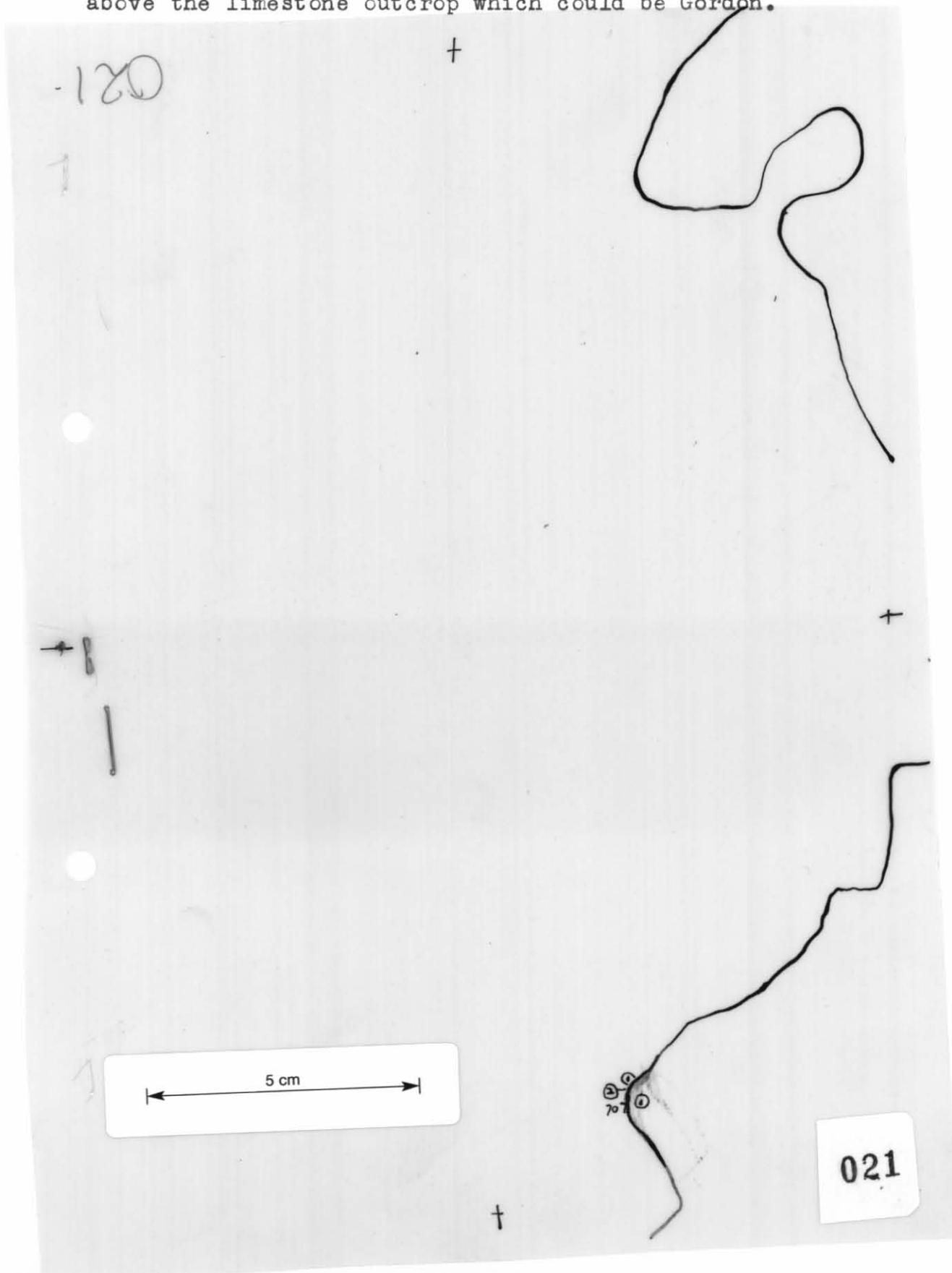
CORINNARun No. 5Photo No. 26433

- (1) F.gr. fairly massive, green chloritic - amphibolite. Iron min. fine euhedral ilmenite or magnetite, equigranular (5%, minor pyritisation, some serpentine veinlets.
- (2) Coarse, siliceous, gneissic, green-grey chloritic schist, amphib. origin. Poss. some carbonate min. - calc. or dol.
- (3) Schistose var's. of (1) & (2) intercalated.
- (4) Very sparse, scattered haem. & lim. pebbles in yellow clay soil. Country fairly massive, weathered amph. Cover by lines 24N & 28N.
- (5) Chlorite-schist bordering amphibolite, To west mica-schist.
- (6) Haem. & mag. scree. Bed rock banded magnetite - amphibolite - schist. ((A)) 20°/70°E.
- (7) Siliceous pyrite-magnetite rock in chl-sch. Country gen. highly sheared, green chloritic porphyroblastic ~~basic~~ basic rocks. Mineralised either mag. or pyr or both. Shearing generally 345°/56°-70°E, min // to schistosity, Pyr-mag rock may rep. sil. pyritised portion of mag. lode. At waterfall 300' above water race have west boundary iron ore. Highly sil. & pyritic, spec.((B))
- (8) Shaft 30' in sch. & graph. sl.
- (9) Adit - green, massive, chl-amphibolite, Iron ore as equigranular euhed crystals, evenly scattered throughout rock. No iron on dump.
- (10) Iron on dump. Accessible.
- (11) Stat 40N/12E. f.gr. d. green chl-amph-schist. Pyritic.

022

CORINNARun No. (5)Photo No. 26453W. Brook/Jan 59

- (1) Banded dark grey limestone - differential weathering shows banded nature of limestone - 6" (av.) bands of dark grey limestone with $\frac{1}{2}$ -1" band of very similar material but slightly darker on fresh surfaces. On weathered surfaces the thicker bands appear as hollows and are light grey in colour while the thinner bands stand out as ridges and are dark grey in colour. The outcrop is cut by a number of minor faults with breccia zone up to a foot wide - stand out by weathering.
- (2) Large irregular and angular quartzites and sandstone boulders which are fossiliferous - crinoid stems and brachiopods - probably basal Silurian. The boulders have come from the hill above the limestone outcrop which could be Gordon.



Comina Run 5- 26454

449027

h20



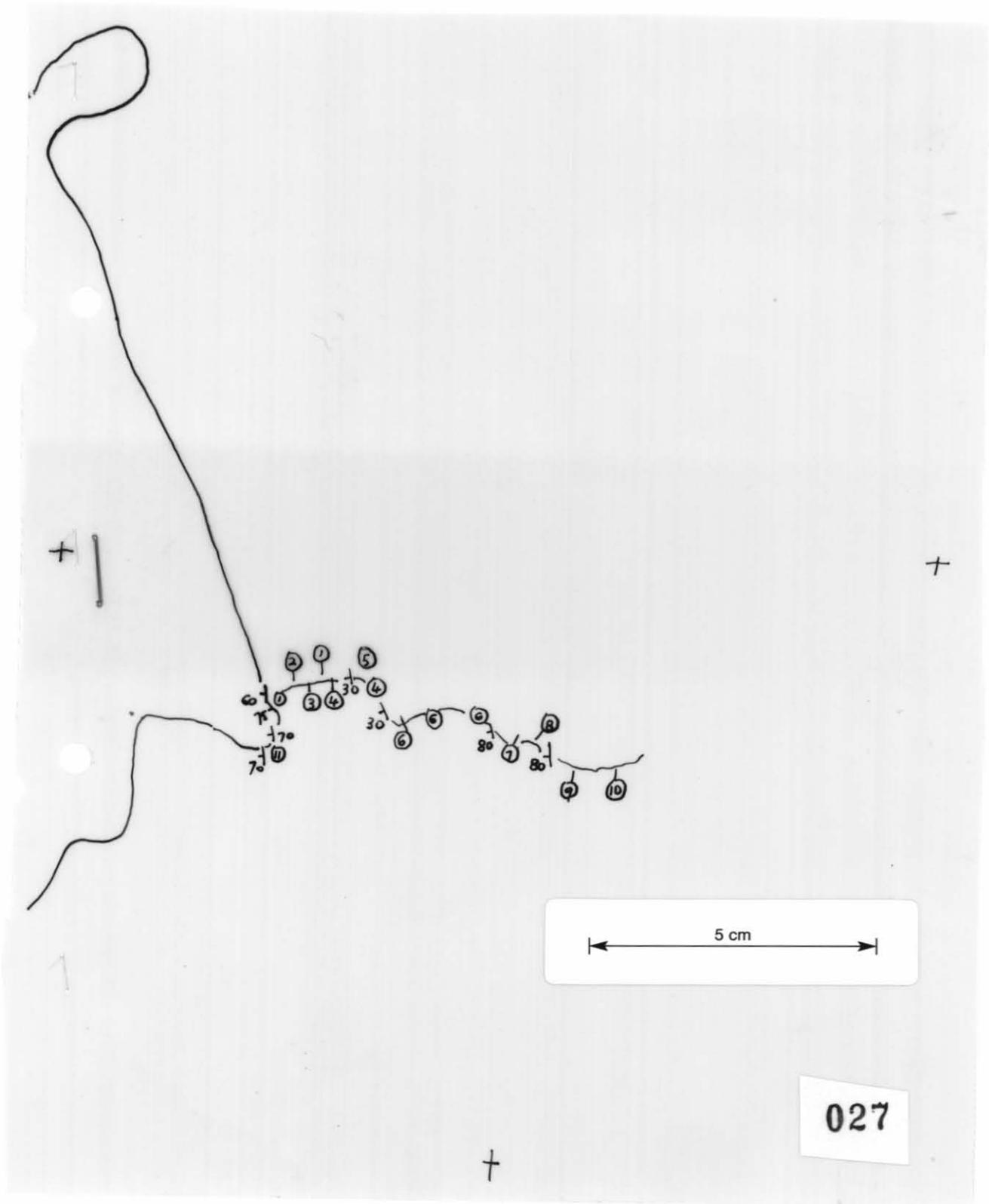
5 cm

024

CORINNARun. No. (5)Photo No. 26454W. Brook/Jan 59

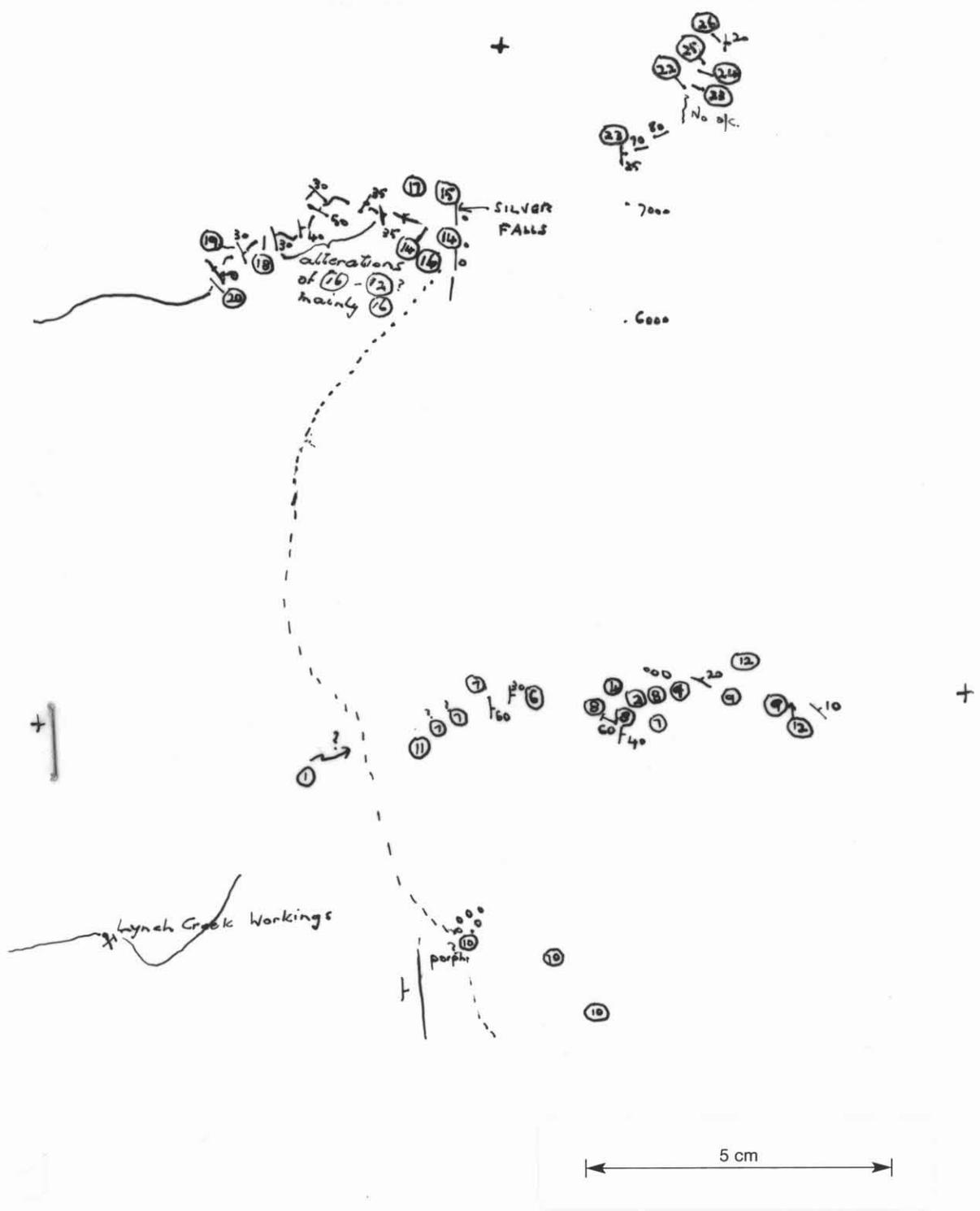
- (1) Blue-grey limestone, weathering yellow - exhibiting a pitted surface - calcite veins, no fossils found - iron stained.
- (2) Boulders in south bank - white quartzites - not travelled far - angular - appear to be fossiliferous due to small cavities in the rock.
- (3) Dark grey rather impure limestone - hard - large blobs and veins of calcite up to 3 X 2 cms.
- (4) Serpentine - grades into limestone with veins and patches of serpentine - outcrops for 200'-250' in river.
- (5) Blue-grey mudstone - 100' North it becomes calcereous, and is not sheared - ~~veins-of-calcite~~ - veins of calcite - but the rock is not calcereous as (1) or (3).
- (6) Banded green mudstone with bands of tuffaceous sandstone - few black rock frags up to .5 cms.
- (7) Grey-black mudstone - rapid alternation with sandstone.
- (8) Calcereous blue black mudstone.
- (9) Grey black graphitic slates, very shattered, flecked with mica.
- (10) Green coloured rocks similar to (6).
- (11) Micaceous sandstone.
- (12) Green mudstone.

Corinna Run 5-26455



CORINNARun No. (5)Photo No. 26455W. Brook-Jan 59

- (1) Yellow and grey banded slates, weathering grey - overlain by recent river gravels.
- (2) Yellow very shattered mudstone.
- (3) Yellow mudstone like (2) but with brown tuffaceous sandstone bands
- (4) Chocolate coloured mudstone with bands of tuffaceous material, bedding in places is quite poor and there are indications of scouring and filling (specimen).
- (5) Bed of tuffaceous mudstone overlying banded purple mudstone - banding is 40/V while attitude of tuffaceous band is 80/30. Possible that tuffaceous band has migrated over the banded material due to hill slide.
- (6) Yellow mudstone with tuffaceous bands - occasional flecks of muscovite.
- (7) Coarse grained tuff - angular red and yellow fragments, with soft leached fragments .5 mm-5 mm in a black matrix 2-10%.
- (8) Yellow brown mudstone - no bedding.
- (10) Sheared grey black slates 0(V,
- (11) Thinly bedded yellow mudstone.
- (12) Yellow and grey mudstone with bands of tuffaceous material.



↑ + 030
 RUN 7 CORINNA 28875

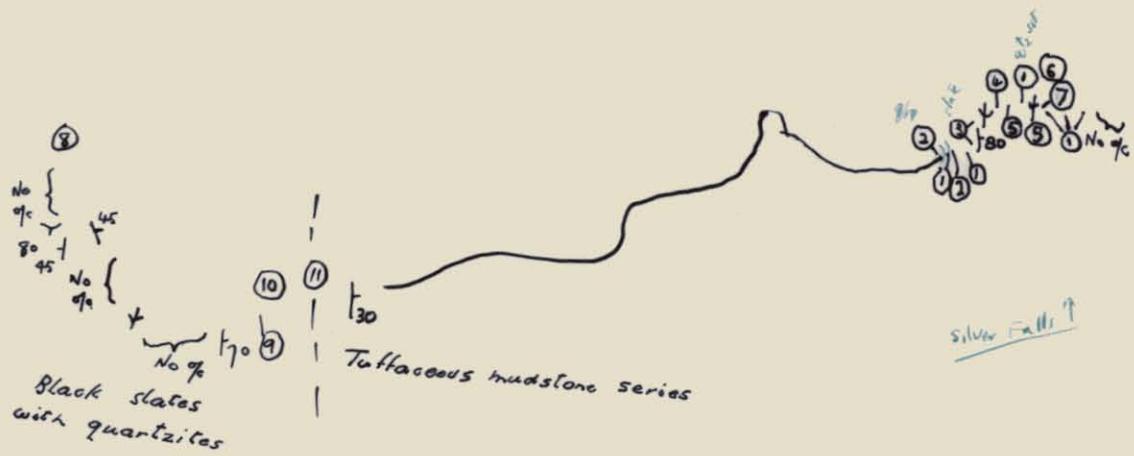
CORINNARun No. 7Photo No. 28875W. Brook - 3/1/59

(True North bearings)

- (1) Grey micaceous sandstone - boulders in tree roots.
- (2) Hard massive grey quartzite - o/c in waterfall (8' high). The outcrop is covered by 6" of black organic matter with quartz grains up to 2 mm present.
- (3) Thinly bedded grey mudstone 180/40E.
- (4) Massive siliceous grey mudstone 30/60E.
- (5) Cream coloured siliceous rock with black grains (1 X 2 mm), rest was aphanitic. Sed. or igneous? (specimen).
- (6) Thinly banded white and grey mudstones 180/30E.
- (7) Very coarse quartz sandstone - quartz fragments up to 1.5 mm. gradation is from 0.5 mm to 1.5mm - the larger grains are more larger than the smaller ones.
- (8) Pale green chert.
- (9) Grey mudstone 300/20N
- (10) Similar to (7) but coarser - grains up to 5 mm. - Occasional rounded pebbles of siliceous mudstone.
- 4/1/59
(11) Mottled pink and green, very siliceous rock - quartzitic in appearance (specimen).
- (12) Coarse grey sandstone, sub-angular grains about 1 mm - well sorted massive and hard, interbedded in mudstones.
- (13) Very poorly sorted rock with quartz grains up to 3 mm X 1 mm, grading down to grains not resolved by a hand lense. The rock is given a dark grey colour by the unresolved matrix. The quartz grains are not distributed uniformly throughout the rock. % matrix in specimen would be about 80.
- (14) Cream coloured siliceous rock with irregular green blobs at base of Silver Falls. Specks up to 1 cm of Galena. Serpentinised zones occur and Galena seems to be associated with these - occur half way up falls, and at base and the top.
- (15) Rock very similar to (7).
- (16) Thickly bedded dark grey micaceous quartzites,
- (17) Thinly bedded blue-grey micaceous quartzites.
- (18) Thin band light brown mudstone.
- (19) Grey brown micaceous sandstone with red rock fragments up to 1 mm (5% of rock)
- (20) Pale brown mudstone.
- (21) & (2b) see field note book No. 50-P 39.

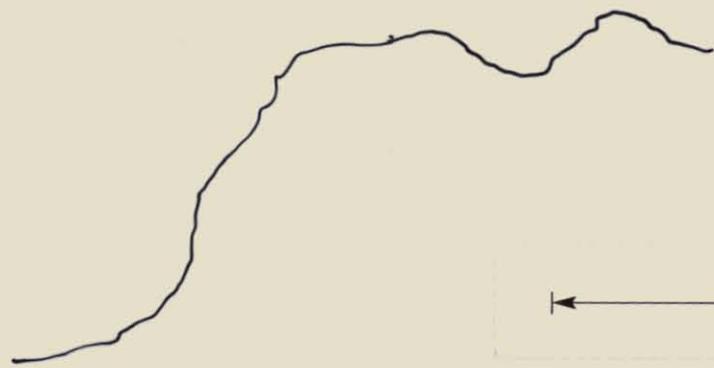
- W. Brook 7/1/58
St. N. bearings.
- ① Grey micaceous sandstone - boulders in tree roots.
 - ② Hard massive grey quartzite - % in waterfall (8' high). The % is composed by 6" + of black organic matter & quartz grains up to 2 cms present.
 - ③ Thinly bedded grey mudstone 180/40E.
 - ④ Massive silicious grey mudstone 30/60E.
 - ⑤ ~~Pale green~~ Cream coloured silicious rock & black grains (1 x 2 mm), rest was aphanitic. Sed. or igneous? (Specimen).
 - ⑥ Thinly bedded white & grey mudstones 180/30E.
 - ⑦ Very coarse quartz sandstone - quartz fragments up to 1.5 mm. gradation is from 0.5 mm to 1.5 mm - the larger grains are more rounder than the smaller ones.
 - ⑧ Pale green chert.
 - ⑨ Grey mudstone 300/20N.
 - ⑩ Similar to ⑨ but coarser - grains up to 5 mm. Occasional rounded pebbles of silicious mudstone.
- 28875 4/1/58
- ⑪ Mottled pink & green, very silicious rock - quartzitic in appearance (specimen)
 - ⑫ Coarse grey sandstone, sub-angular grains about 1 mm - well sorted, massive & hard, interbedded in mudstone.
 - ⑬ Very poorly sorted rock & quartz grains up to 3 mm x 1 mm grading down to grains not resolved by a hand lens. The rock is given a dark grey colour by the unresolvable matrix. The quartz grains are not distributed uniformly throughout the rock. % matrix in specimen would be about 80. (specimen).
 - ⑭ Cream coloured silicious rock & irregular green blobs at top of Silver fall. Specks up to 1 cm of Galena. Serpentinised zones occur & galena seems to be associated with these. - occur half way up falls, at the base and near the top.
 - ⑮ Rock very similar to ⑫
 - ⑯ Thickly bedded dark grey micaceous quartzites.
 - ⑰ Thinly bedded blue-grey micaceous quartzites.
 - ⑱ Thin band light brown mudstone.
 - ⑲ Grey-brown micaceous sandstone & red rock fragments up to 1 mm. (5% of rock)
 - ⑳ Pale brown mudstone.
- For ⑳ - ⑲ see field notebook no. 50. p. 39.

Corinna R. 7.



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034

Pinnacles Area

RUN 7

CORINNA

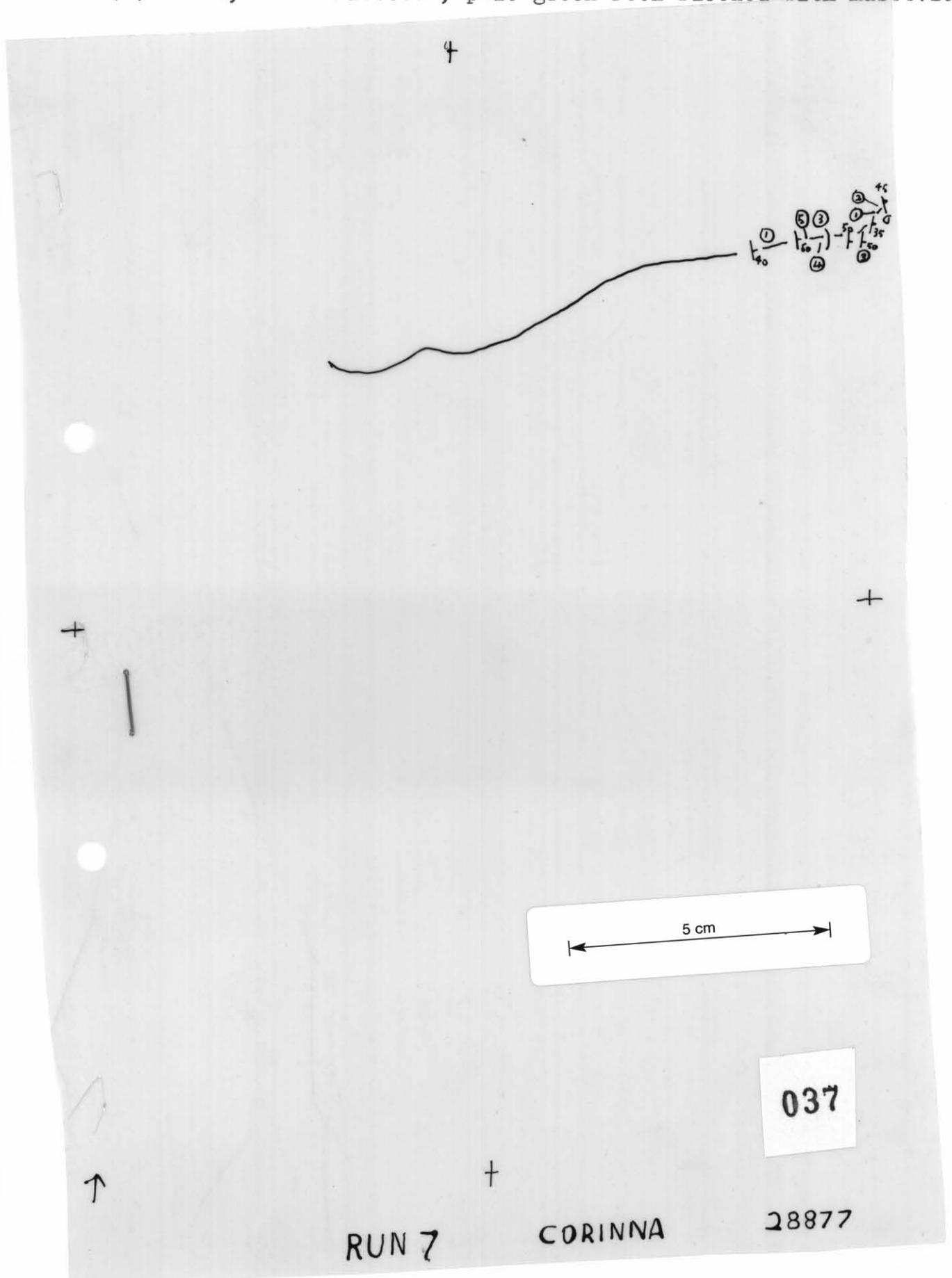
28876

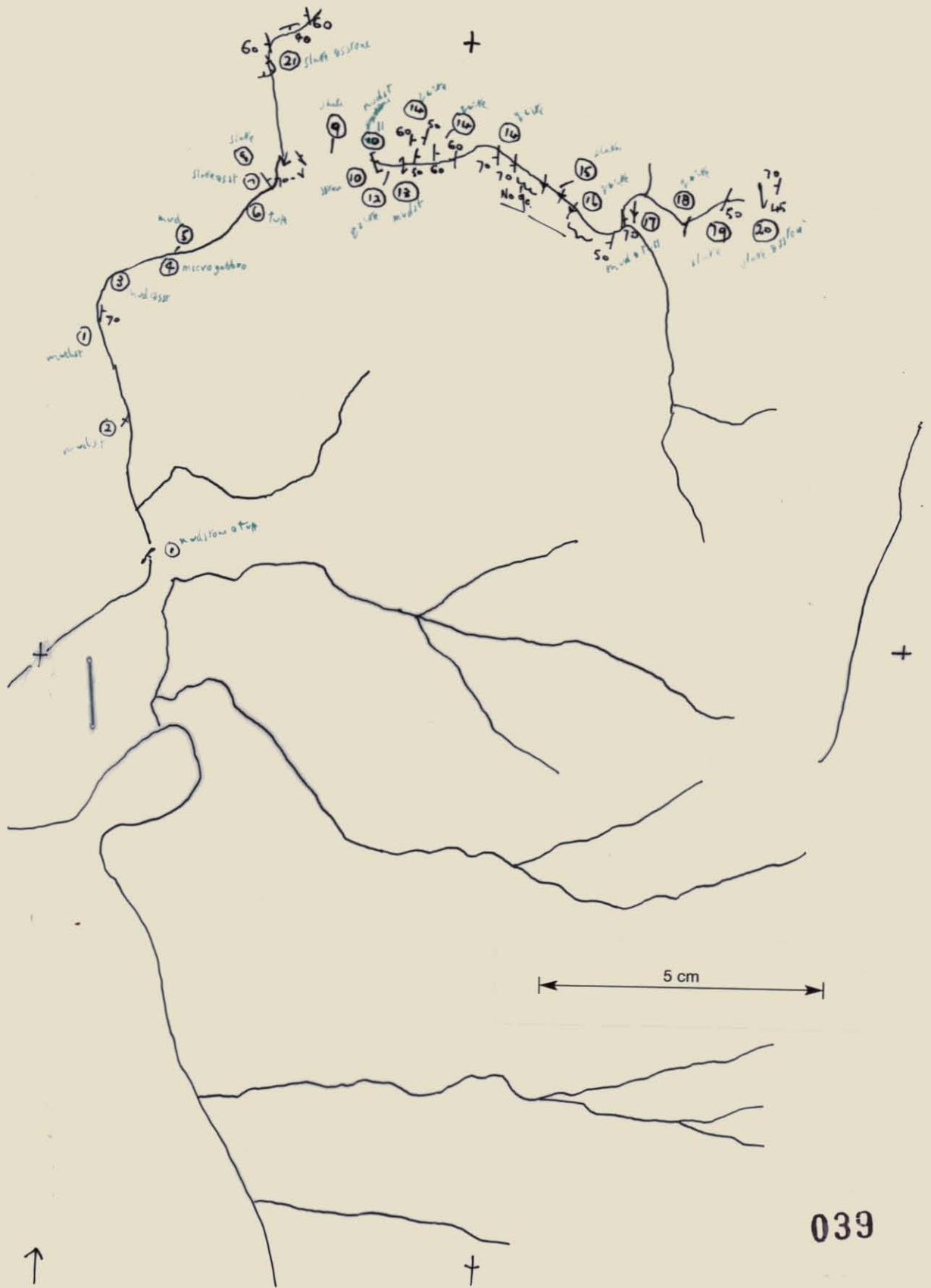
CORINNARun No. (7)Photo No. 28876W. Brook 8/1/58

- (1) Immediately behind top of Silver Falls - very coarse quartz sandstone angular quartz grains - size range up to 4 mm, very similar to (7) & (10) of Corinna R7, No. 28875.
- (2) Volcanic rock exposed on face of Silver Falls, see (14) R7/28875.
- (3) Thinly bedded blue-grey slates (weathering green) with fine bands of yellow sandstone.
- (4) Blue-grey, micaceous quartzite very similar to (16) R7/28875.
- (5) Blue-grey shattered mudstone,
- (6) Blue-grey quartzite.
- (7) Medium grained, grey, quartzite sandstone with 2-5% black rock frags. up to 1 mm.
- (8) Banded black slates and quartzites.
- (9) -
- (10) Pale green siliceous mudstone.
- (11) Sheared black slates.
- (12) Brown tuffaceous mudstones.
- (13) -

CORINNARun No. (7)Photo No. 28877W. Brook 7/1/58

- (1) Pale brown mudstone - some beds micaceous.
- (2) Blue-grey, hard siliceous rock - flecked with muscovite,
thickly bedded. Cf. (16) Cor. R7 No. 28875.
- (3) Pale green mudstone - thin sandstone bands - micaceous.
- (4) Very micaceous grey brown mudstone - phyllitic in appearance.
- (5) Dense, hard siliceous, pale green rock flecked with muscovite.





RUN 7

CORINNA

28878

039

CORINNARun No. 7Photo No. 28878W. Brook/ Jan 59

- (1) Alternations w/bn chocolate coloured mudstones with brown, tuffaceous bands of mudstone. Alternations are rapid - $\frac{1}{8}$ " / 4" thick bands in one exposure - another shows 2' / 7' bands. Very similar to (2).
- (2) Yellow shattered mudstone.
- (3) Coarse brown mudstone with sandstone bands of rounded quartz grains (5 mm?).
- (4) Micro-gabbro - appears to be intrusions running 180° about 50' thick.
- (5) Siliceous green mudstone.
- (6) Green aphanitic rock - specimen - pyritic.
- (7) Interbedded slates with grey to black quartzites - some hands richly studded with cubes of pyrite.
- (8) Sheared grey-black carbonaceous slates (cleavage 160/V) - yellow and grey bands present - cleavage // bedding. strike varies and grey bands present (quartzitic). Anticline present with fold axis 70° plunging N @ 30°.
- (9)  type fold. Axis 30° plunge 60° North. (?)
- (10) Black fine grained carbonaceous sandstone flecked with muscovite.
- (11) Grey siliceous mudstone 140 (v.
- (12) Dark grey micaceous quartzite.
- (13) Sheared green mudstone - 130 (v.
- (14) Fawn coloured bedded quartzites - 6" beds - interbedded with grey slates.
- (15) Grey and white banded slates.
- (16) Micaceous, carbonaceous quartzite.
- (17) Chocolate mudstone with tuffaceous bands.
- (18) Yellow brown quartzite.
- (19) Purple slates.
- (20) Banded black slates and quartzites - anticline fold axis 170° plunge 45°S
- (21) Fractured grey quartzites and slates


Syncline.

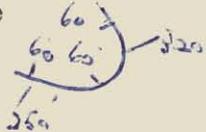
042

W. Brook. Jan. 59.

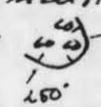
- ① Alternations of chocolate coloured mudstones & brown ferruginous bands of mudstone. Alternations are rapid - $\frac{1}{2}$ " - 4" thick bands in one exposure - another shows 2-foot bands very similar to
- ② Yellow shattered mudstone.
- ③ Coarse brown mudstone & sandstone bands of rounded quartz grains - some
- ④ Micro-gabbro - appears to be 3 intrusions running 180° about 50' thick.
- ⑤ Silicious green mudstone.
- ⑥ Green aphanitic rock - specimen - pyritic.
- ⑦ Interbedded slates & grey to black quartzites - some bands richly studded with clusters of pyrite
- ⑧ Sheared grey-black carbonaceous slates (cleavage 100%) - yellow & grey bands present - cleavage || bedding. Strike varies & some grey quartzite bands are present. Anticline present with fold axis 70° plunging north at 30°.
- ⑨  Type fold - axis 30° plunge 60 North.
- ⑩ Black fine grained carbonaceous sandstone flecked with muscovite.
- ⑪ Grey silicious mudstone 140 Lv.
- ⑫ Dark grey micaceous quartzite.
- ⑬ Sheared green mudstone 180 Lv
- ⑭ Fawn coloured bedded quartzites - 6" beds - interbedded & grey slates
- ⑮ grey & white banded slates
- ⑯ Micaceous carbonaceous quartzite.
- ⑰ Chocolate mudstone with ferruginous bands.
- ⑱ Yellow brown quartzite.
- ⑲ Purple slates
- ⑳ Banded black slates & quartzites - anticline fold axis 170° plunge 45°
- ㉑ Fractured grey quartzites & slates.  Syncline.

Corinna R.7.

CORINNARun No. 7Photo No. 28879W. Brook/Jan 59

- (1) Coarse grained mudstone, some beds micaceous, closely jointed.
- (2) Greenish pyritic quartzite - disseminated pyrite less than 1%, 1-1.5 mm.
- (3) Grey and white banded, hard siliceous mudstones, also contains blebs, bands of green sandstone with rock fragments up to 3mm.
- (4)  Tightly folded and contorted zone,
- (5) Green and white finely mottled rock - disseminated pyrite blobs up to 2 mm forming approx 1%.
- (6) Very well exposed contorted zone in river bed - the finely banded beds (bands $\frac{1}{4}$ " thick) show flow folding while the more thickly banded beds (bands up to 2") show fracturing and shearing out of beds.
- (7) Pale brown mudstone.
- (8) Finely banded grey and white siliceous mudstone.
- (9) Alternations of brown mudstone with medium grained tuffaceous sandstone, the changes are sharp with no gradation.
- (10) Chocolate coloured mudstone - thinly bedded.
- (11) Tuffaceous mudstones and sandstones, very similar to (4) Corinna, R 5, No. 26455.
- (12) Thinly bedded yellow mudstones.
- (13) Folding of rock type (3) in a manner similar to (6)
- (14) Very shattered yellow and pale green mudstones.
- (15) Coarse grey and brown tuffaceous mudstones.
- (16) Purple tuffaceous mudstones.
- (17) Brown and yellow mudstones, very shattered, poorly bedded with bands of tuffaceous material.
- (18) Yellow and grey banded mudstone $\frac{1}{8}$ -1 inch banding.
- (19) Contact of micro gabbro with mudstone, contact exposed for about 5' on south bank - strike 180° - very closely jointed, extends for about 100'.
- (20) Contact of micro gabbro with rock type similar to (3) and showing flow folding and fracturing and shearing as in (6). This zone is about 4' thick then various coloured closely jointed mudstones outcrop.
- (21) Syncline 

W. Brook. Jan. '59.

- ① Coarse grained mudstone, some beds micaceous, closely jointed.
- ② Greenish pyritic quartzite - disseminated pyrite $< 1\%$, 1 to 1.5 mm.
- ③ Grey & white banded, hard, silicious mudstones, also contains ^{Wab} bands of green sandstone with rock fragments up to 3mm.
- ④  Tightly folded, contorted zone.
- ⑤ Green & white finely mottled rock - disseminated pyrite blobs up to
- ⑥ Very well exposed contorted zone in river bed - the [2mm. $\approx 1\%$ finely banded beds (bands $\frac{1}{4}$ " thick) show flow folding while the more thickly banded beds (bands up to 2") show fracturing and shearing out of beds.
- ⑦ Pale brown mudstone.
- ⑧ Finely banded grey & white silicious mudstone.
- ⑨ Alternations of brown mudstone with medium grained buffaceous sandstone. The changes are sharp with no gradation.
- ⑩ Chocolate coloured mudstone - thinly bedded.
- ⑪ Buffaceous mudstones & sandstones, very similar to ④ Cor. R 5. No. 26453
- ⑫ Thinly bedded yellow mudstone.
- ⑬ Folding of rock type ③ in a manner similar to ⑥
- ⑭ Very shattered yellow & pale green mudstones.
- ⑮ Coarse grey & brown buffaceous mudstones.
- ⑯ Purple buffaceous mudstones
- ⑰ Brown & yellow mudstones, very shattered, poorly bedded with bands of buffaceous material. 28879
- ⑱ Yellow and grey banded mudstone $\frac{1}{2}$ - 1 inch banding.
- ⑲ Contact of micro gabbro & mudstone, contact exposed for about 5' on south bank - strike 180° - very closely jointed extends for about 100'.
- ⑳ Contact of micro gabbro with rock type similar to ③ and showing flow folding and fracturing and shearing as in ⑥. This zone is about $\frac{1}{2}$ " thick then various coloured closely jointed mudstones outcrop.
- ㉑ Syncline  180° - 150°

Corinna Run

048

449049

CORINNA

Run No. (7)

Photo No. 28903

WJA 30.5.57

- (1) Quartz-mica-schist. Quartz fine and granular, (talc?)mica very fine in matrix.
- (2) Chlorite-rock. Weathers to fine, schistose clay-chlorite aggregate.
- (3) ditto (ditto)of med.grain size

