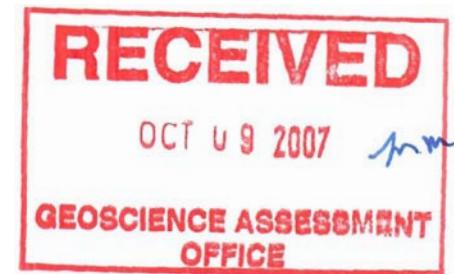


## **Prospecting Report 2006/2007**

on the

## **Howie Lake Gold Project**

**Kawashegamuk Lake Area – Kenora Mining Division**



By

**Alex Glatz**

**2 • 36039**

**Name:** Howie Lake Gold Project

**Location:** Most of the gold showings are clustered around **Howie Lake**; hence the name of the project. Howie Lake is a small lake between Katisha and Kawiejekiwa Lakes. and centered at UTM co-ordinates 539820E, 5470940N Zone 15, NAD83.

The claims are located in the Kawashegamuk Lake Area Map sheet in the Kenora Mining Division.

**Access:** From Dryden the claims can be reached by following Hwy.17 east 38 km to Jackfish Lake. From there a logging road runs south to Snake Bay and Wapageisi Lake. About two kilometers south of Snake Bay the road enters the claim group. A side road goes east to Wolf Lake and accesses the south-east part of the property. Total driving distance is 78 kilometres.

**Claims:** All claims are held by Alex Glatz and Joe Riives of Dryden on a 50 – 50 basis.

4205133 (9 units)  
4215251 (15 units)  
4215252 (16 units)  
4215253 (12 units)  
4215254 (12 units)  
4215255 (10 units)

**Regional Geology:** The Kawashegamuk Lake area was previously mapped by Thompson (1933) extending from Lower Manitou Lake to Stormy Lake.

The area lies in the east-central part of a metavolcanic-metasedimentary belt which extends from the Lower Manitou to Wabigoon Lake. Bedrock is of Early Precambrian age, consisting of thick sequences of meta-volcanics and meta-sedimentary rocks.

Mapping of the area (Blackburn 1980 a) has established three stratigraphic groups of crustal rocks: the Wabigoon Lake group, the Stormy Lake group and the Boyer Lake group.

The meta-volcanics of the Wabageisi lake group underlie the southern part of the map area. They are a thick sequence facing in a north-northeasterly direction. It consists mainly of pillow lavas (Trowell 1980), intruded by gabbroic sills and overlain by felsic pyroclastic rocks at Kawijekiwa and Gawjewiagwa Lakes.

Overlying the Wapageisi metavolcanics is the Stormy Lake group, a 3,000 metre thick sequence of conglomerates. The basal part has felsic to mafic volcanic clasts, granitic clasts and clasts of magnetite and hematite and chert. The conglomerate sequence diminishes in thickness in the central part of the map area where sandstone and greywacke are more abundant. Within the conglomerate several mafic flows and a pyroclastic unit have been traced for more than 800 metres.

**Local Geology:** The project area is underlain mainly by the Wapageisi Lake rocks. Basalt and andesite are the dominant bedrocks.

The northerly claim, 4215255 is located within the Stormy Lake group of rocks, the rocks observed are mostly conglomerates, nick-named "White Conglomerates" on account of their nearly white colour of groundmass and clasts.

Small intrusions of gabbro are present. Only one gabbro has larger dimensions. It stretches from Seggemak Lake in the west to Howie Lake in the east for a distance of 3 km. It crosses Katisha Lake and can be seen in rock cuts at the forest access road. Some rocks resembling coarse mafic flows may well be gabbro as pyroxene crystals can occasionally be observed. In places the gabbro has been altered to sericite and carries significant amounts of sulfide and iron carbonate, making it a potential source of gold ore.

Altered rocks are found over a significant area. Most of the alteration is carbonatisation with intermixed zones of silicification. The alteration is so complete that the original rock type can only be deduced from observing unaltered rock nearby.

**History:** Gold was discovered in the 1890's at Gold Rock in the Upper Manitou Lake area, about 25 km west of Howie and Katisha Lakes. A number of mines, including the Paymaster, Laurentian and the Jubilee were opened and produced undetermined amounts of gold from quartz-hosted zones.

Around 1936 gold was found west of Washeibemaga Lake and the showing became known as the Pelham prospect. Noranda and Tecp Corp. drilled the Pelham prospect in 1981 when the patent on the property had expired.

Esso Minerals explored for gold south SnakeBay in the early 1980's. Their claim area covered Seggemak, Katisha, Howie and Kawijekwa Lakes.

In 2003 to 2006 Alex Glatz and Joe Riives explored for gold at Thundercloud Lake about 5 km to the west, their claims are presently under option to Teck Cominco Inc.

The area of the present property covers a large part of the former Esso block. Since Esso pulled out in the 1980's, the ground was staked and re-staked by numerous people including Alex Glatz. No serious work was done on the ground during those years.

In December 2005 Alex Glatz and Joe Riives staked the core area of the known gold showings with Claim #4205133. After prospecting to the north and south of this claim and finding favourable indications, five more claims were added in the spring of 2007.

**Old work:** Esso Minerals held the ground from 1983 to 1987 and did stripping, channel sampling and drilling. Their work reports state that the surface values were very positive while the drilling results did not live up to expectations.

**Rationale**

for taking on this project

- the existence of many auriferous occurrences
- sizeable alteration zones
- cluster of mineralized zones around and under Howie Lake
- silicified zones rather than quartz veins
- abundant sulfide content in altered zones
- over 1% As in some samples
- 3 of the main zones extend under low terrain or water
- elevated gold values in new locations

**Current Work****Prospecting**

The aim of the work was to step back from the known showings and cast a wide net by recon sampling of the Stormy Lake type rock in the north part of the property and by systematic prospecting the area around and to the south-west of Wolf Lake. Cutting operations have made access to the southern-most section much easier.

With a good knowledge of the surrounding geology and structures the known showings and structures can be put into better perspective.

Most of the more promising mineralized zones are clustered around Howie Lake. In order to gain easier access to the lake a boat and canoe were used. This cut down on walking time and also to facilitates the examination of the rocks exposed along the shore lines of Kawijekiawa, Howie and Katisha Lakes.

Sampling was done randomly and sampling locations were recorded as GPS Nad 83 co-ordinances. It was found north-trending structures are more apt to contain elevated gold values. The conglomerate of the Stormy lake sequence on claim 4215255 is east-trending and produced only a small number of elevated gold values, generally under 200 ppb. The southern part of the claim group yielded elevated values with the highest being more than 2000 ppb at Teardrop Lake.

Sampling of the (Esso) Fiji zone produced consistent grades. A 3 m composite sample yielded 5523 ppb Au.

One hundred and ninety samples were collected and analyzed.

## Conclusions and Recommendations

This sampling program has shown that this ground has potential. Aside from four areas of alteration with concurrent gold values there appears to be an extensive area with elevated gold values. The area is highly prospective for gold. The elevated gold values (50 ppb +) are spread over an area 3 km long and close to 2 km wide.

On one of the south-facing bays on Kawjekiwa Lake large boulders of mafic-matrix conglomerate can be found. Upon closer examination it seems that these boulders are related to bedrock. This rock is similar to rock north of Thundercloud Lake (5 km west) with which gold is associated. This needs to be further investigated.

It is suggested that all locations showing values of 200 ppb or more should be re-sampled in detail and stripped if warranted.

Some locations where Esso Minerals found significant gold values in 1987 have not been sampled under the current program as this year's phase #1 program was reconnaissance oriented. There is still lots of sampling to be done on this claim group.

The work done so far has shown that this property merits further exploration and will be optioned to a competent exploration company.

Before deciding on drill targets, an IP survey and detailed mapping should be the next logical steps.

## Sample Summary 2007

## Howie Lake Gold Project

	<u>Sample#</u>	<u>Claim#</u>	<u>UTM / Nad 83</u>	<u>Sample</u>	<u>Lithology</u>	<u>Minerals</u>	<u>Au ppb</u>	<u>Ag g/t</u>	<u>Other</u>
				<u>Type</u>					
<b>Howie Lake project</b>									
				<b>2007</b>	<b>Sample Summary</b>				
61027	719	4205133 539380-5470950		composite	green rock	2% py	130		
61027	720	4205133 539387-5470950		composite	freen mafic volcanic	3% quartz	73		
61027	721	4205133 539387-5470950		grab	banded quartz	3%py	10		
61027	722	4205133 539507-5470711		composite	q porphyry	2% py	5146		
61027	723	4205133 539507-5470711		composite	q porphyry	2% py	405		
61027	724	4205133 539413-5470908		compisite	cabonated rock	4% py	1769		
61027	725	4205133 539360-5470986	1.8m chip		sheared felsic rock	3% py	432		
61027	726	4205133 539380-5470986		grab	green carbonate	3% py	737		
70409	743	4205133 850m west of #2		grab	grey quart	bla. spots	41		
70409	744	4205133 970 m west of # 2		grab	bleached carbonate	1% py	65		
70409	745	4205133 539880-5457695		grab	cherty interm. rock	py seam 2cm	254		
70409	746	4205133 541575-5468180		grab	gossan on road	3% sulf	72		
70412	747	4205133 50 m south of hill		grab	fine grained heavy grey rock	fine py	55		
70416	748	4205133 539058-5471473		grab	felsic fragmental rock	1% py	165	4.1	
70416	749	4205133 539074-5471461		grab	felsic fragmental	1% sulf	195		
70416	750	4205133 539110-5471635		grab	conglomerate	1% sulf	165		
70416	760	4205133 8m NE of 749	1m chip		felsic fragmental	1 % sulf	62		
70416	761	4205133 539363-5471911	.4m chip		sheared porphyry	grey alteration	48		
70501	793	4205133 on road	3m composite		silicified rock	2% sulf	103		
70501	794	4205133 539074-5470719	float		silicie knobby rock	fu py	93		
70501	795	4205133 53903-5470630		grab	carbonated rock, red alteration	alt. material	82		
70501	796	4205133 539105-5470532		grab	6 ft. brown dike		nil		
70501	797	4205133 road	float		knobby rock	4% sulf	nil		
70501	798	4205133 539135-5470339		grab	silicified conglomerate	6% sulf.	1125		
70501	799	4205133 20 m south of 798		grab	gray sheared rock	py streaks	nil		
70501	800	4205253 wolf l. junction		grab	sheared intermediate rock	py seams	nil		
70501	610328	4205253 road	soil 1		soil	soil	48		
70501	610329	4205253 road	soil		soil	soil	10		
70501	610330	4205253 road	soil		soil	soil	106		
70501	610331	4205253 noth o wolf ju	grab		blasted intermediate volcanic	fine py	103		
70504	610332	4205252 540220-55469400	soil		soil from felsic outcrop area	red soil	75		
70504	610333	4205252 540309-5469480	grab		carbonate zone on shore	carb tr py	nil		
70504	610334	4205252 540267-5649426	grab		altered felsic rock + quartz vein	fine sulfide	147		
70504	610335	4205252 540358-5469500	grab		felsic exposure on shoe	fine py	nil		
70504	610336	4205252 540470-5469760	grab		altered gabbro loose pieces	2% py	nil		

## Sample Summary 2007

## Howie Lake Gold Project

	<u>Sample#</u>	<u>Claim#</u>	<u>UTM / Nad 83</u>	<u>Sample</u>	<u>Lithology</u>	<u>Minerals</u>	<u>Au ppb</u>	<u>Ag g/t</u>	<u>Other</u>
70504	610337	4205252	540273-5469720	grab	fractured bleached felsic rock	2% py	nil		
70504	610338	4205252	north of lake cliff	grabs	altered felsic rock slide	fine py	34		
70504	610339	4205252	539870-5469914	grab	sheared felsic rock	3% py	55		
70507	610340	4215255	539140-547715	grab	fine grained grey rock intr. conglom	2% py	14		
70507	610341	4215255	539174-5471917	grab	bluish rock	1% py	nil		
70507	610342	4215255	538910-5471970	soil	rusty conglomerate outcrop	soil	nil		
70507	610343	4215255	on trail	grab	cherty rock red shiny spots	shiny minerals	nil		
70507	610344	4215255	539577-5472070	grab	pyroxinitite	1% cp	nil		
70507	610345	4205133	kozy pit	grab	fractured felsic blasted pit	2% SULFI	291		
70512	801	4205133	539855-5470930	composite	silicified felsic black mineral	3% sulfide	1135		
70512	802	4205133	539830-5470920	3m compos	altered felsic volca black blue spots	3% sulfide	353		
70512	803	4205133	539820-5470940	3m compos	silicified felsic rock, black mineral	py po	5523		
70512	804	4205133	539800-5470964	4m compos	altered felsic volcanic	bl sulf py po	1577		
70512	805	4205133	539595-5470912	float	silicified volcanic	20% py	178		
70512	806	4205133	539460-5470960	2m compos	altered felsic, gossan	fu py po	710		
70512	807	4205133	80 m nw of 806	2m chip	altered felsic, gossan	rust py	69		
70625	808	4215251	539881-5467699	grab	silicified felsic rock	tr py	nil		
70625	809	4215251	539900-5467684	grab	fractured felsic	silia	nil		
70625	810	4215251	539887-5467740	soil	red soil	red soil	nil		
70625	811	4215251	539806-5467820	grab	carbonate rock	1% py	nil		
70625	812	4215251	539932-5468173	2 m chip	sericite shist	tr. sulfide	nil		
70625	813	4215251	539977-5468050	2 m chip	fractured sericite shist	loose debrie	nil		
70625	814	4215251	10 m nw of 813	grab	pillow lava interm.?	gossan	10		
70625	815	4215251	float on road	float	sericite shist	4% sulfide	nil		
70625	816	4215251	joe 612043	grab	cherty felsic rock	2% py	nil		
70625	817	4215251	joe 612044	grab	felsic rock silicified	1% py	14		
70625	818	4215251	539806-5467820	grab	carbonate rock, chloride	tr. py	nil		
70816	844	4205133	539870-5470593	grab	brecciated mafic rock	3% sulfide	14		
70816	845	4205133	top of incline	soil	soil and fines, breccia?	soil + fines	1101		
70816	846	4205133	bottom of zone	1.5m compos	altered and rusty rock	5% sulfide	319		
70816	847	4215253	539475-5470167	grab	spotty gossan in intermediate	2% sulfide	117		
70816	848	4205133	539880-5479593	grab	silicified mafic or gabbro	3% sulfide	7		
70816	849	4205133	bottom of zone	select	highly altered rock	10% sulfide	274		
	850						113		
70823	851	4205133	539733-5470796	grab	g diorite carb alteration	1% sulfide	189		
70823	852	4205133	559931-5470622	select	Carbon and silica alteration	1% sulfide	31		
70823	853	4205133	539940-5470425	grab	carbonatized basalt	2% sulfide	192		
70823	854	4205133	close to 855	grab	q. diorite carb alteration	2% sulfide	2		

## Sample Summary 2007

## Howie Lake Gold Project

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70823	855	4205133	539976-5470662	select	carbonatized rock	5% sulfide	240		
70926	877	4215252	540263-5471218	grab	mafic conglomerate	1% sulfide	not yet received		
70501	612001	4215254	538750-5471250	grab	alt. mafic metavolcanics	1% py	48		
70409	612002	4205133	540102-5471060	grab	sheared metavolcanics	2% fine py	14		
70409	612003	4205133	540102-5471060	grab	sheared metavolcanics	2% fine py	38		
70501	612004	4215254	538854-5469186	grab	sheared metavolcanics	2% py	nil		
70501	612005	4215254	538803-5469257	grab	sheared volcanics, 50% carb. alter.	7% py	14		
70501	612006	4215254	538803-5469257	grab	sheared greenstone	3% py	nil		
70501	612007	4215254	538803-5469257	grab	greyish Q and black veinlets	1% py	672		
70501	612008	4215254	538937-6469127	grab	fractured metavolcanic	2% py	nil		
70504	612009	4215253	538764-5468954	grab	sheared metavolcanic + Q	2%	230		
70504	612010	4215253	539238-5469102	grab	altered gabbro, stripped by esso	rust	nil		
70504	612011	4215253	539238-5469102	grab	altered gabbro, stripped by esso	2% fine py	7		
70504	612012	4215253	539238-5469102	grab	altered gabbro, stripped by esso	4% aspy	64		
70504	612013	4215253	539166-5469230	grab	mafic metavolcanic	10% aspy	1567		
70507	612014	4215253	539165-5649227	grab	mafic metavolcanic	2% py	2		
70507	612015	4215253	539095-5469179	grab	fractured metavolcanic	rust	nil		
70507	612016	4215253	539201-5469049	grab	silicified rock + cross cutting veins	3% py	nil		
70507	612017	4215253	539201-5469049	grab	conglomerate boulder	2% py	nil		
70512	612018	4205233	539579-5470901	grab	altered gabbro	3% py	69		
70512	612019	4205233	539725-5470946	grab	massive leucocratic gabbro	4% py	3977		
70512	612020	4205233	539704-5470908	grab	altered gabbro + Q	25% py	2331	2.6	
70512	612021	4205233	539933-5470900	grab	carbonate altered gabbro	5% py	3497	11.4	
70512	612022	4205233	539595-5470912	grab	carbonate altered conglomerate	4% py	789	1.1	
70512	612023	4205233	539595-5470912	grab	dark mineralised gabbro	4% py	89	0.1	
70524	612024	4215253	539252-5469960	grab	altered intermediate volcanic + vein	15% py	38		
70524	612025	4215253	539252-5469960	grab	cherty white rock	7% py	nil		
70524	612026	4215253	539252-5469960	grab	intermediate metavolcanic	5% py	nil		
70524	612027	4215253	539252-5469960	grab	altered gabbro	2% py	nil		
70524	612028	4215253	539169-5469384	grab	altered gabbro	2% py	10		
70524	612029	4215253	539245-5469950	grab	altered rock, very rusty vein	15% py	82		
70524	612030	4215253	539245-5469950	grab	altered gabbro	40% py	117		
70608	612031	4205133	539278-5471161	grab	mafic metavolcanics, 25% alteration	2% py	7		
70608	612032	4205133	539332-5471310	grab	mafic metavolcanics, 25% alteration	10% py	7		
70608	612033	4205133	539195-5471422	grab	mafic metavolcanics, 25% alteration	1% magnetite	55		
70608	612034	4205133	539180-5471405	grab	altered conglomerate	5% py	34		
70612	612035	4205133	539195-5471126	grab	quartz diorite carbonate alteration	2% py	nil		
70612	612036	4205133	539195-5471126	grab	quartz diorite carbonate alteration	3% py	nil		

## Sample Summary 2007

## Howie Lake Gold Project

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70612	612037	4205133	539200-5471091	grab	silicified fractured felsic volcanic	2% py	nil		
70612	612038	4205133	539025-5471476	grab	sheared felsic volcanic	1% py	nil		
70612	612039	4205133	539025-5471476	grab	sheared felsic volcanic	5% fine py		24	
70612	612040	4205133	538835-5471483	grab	sheared, silicified felsic volcanic	1% py	nil		
70612	612041	4205133	538835-5471483	grab	altered dark felsic volcanic	1% py		7	
70612	612042	4205133	538835-5471483	grab	sheared felsic volcanic	1% py		17	
70612	612043	4215251	539971-5467715	grab	basalt, q vein	1% py	nil		
70612	612044	4215251	540624-5467882	grab	Carbonate altered basalt	2% py		14	
70703	612045	4215254	538322-5471115	grab	decomposed conglomerate	5% py		48	
70703	612046	4215254	538864-5470335	grab	carbonate altered metavolcanic	6% fine py		34	
70703	612047	4215254	538864-5470335	grab	mineralized metavolcanic	5% py	nil		
70703	612048	4215254	538494-5469507	grab	mineralized metavolcanic	3% py		27	
70703	612049	4215254	538494-5469507	grab	Carbonate altered metavolcanic	1%py		17	
70717	612050	4205133	539337-5471026	grab	carbonate altered QP	7% py		120	
70717	612051	4205133	539337-5471026	grab	carbonate altered QP	5% py		93	
70717	612052	4205133	539337-5471026	grab	50% gray rock	5%py		442	
70717	612053	4205133	539399-5470933	grab	carbonate altered gabbro	4% py		160	
70717	612054	4205133	539391-5470930	2 m chip	carbonate altered metavolcanic	5%py		226	
70717	612055	4205133	539391-5470930	1 m chip	gray altered rock	10% py		614	
70717	612056	4205133	539391-5470930	1.5 m chip	gray altered rock	6% py		507	
70717	612057	4205133	539391-5470930	1.5 m chip	unaltered light gray rock	1% py		62	
70727	612058	4215255	540850-5471635	grab	sheared altered conglomerate	1% py		2	
70727	612059	4215255	540850-5471635	grab	Altered mafic rock	rust	nil		
70727	612060	4215255	540268-5471129	grab	altered q diorite	rust	nil		
70727	612061	4215255	540268-5471129	grab	q diorite leached	2% py		10	
70727	612062	4215252	540850-5471635	grab	metavolcanic-carb alteration	1% py	nil		
70727	612063	4215252	540845-5471734	grab	metavolcanic-carb alteration	1% py	nil		
70727	612064	4215252	540845-5471734	grab	metavolcanic-carb alteration	5% sulphide		7	
70808	612065	4205133	539625-5470958	grab	altered gabbro sheared	3% py		2811	
70808	612066	4205133	539595-5470880	grab	mineralised gabbro	5% py		7	
70808	612067	4205133	639988-5470112	grab	sheared metavolcanics	4% py		130	
70808	612968	4205133	639988-5470112	grab	sheared metavolcanics silicified	5% py cp		795	
70808	612069	4205133	539839-5470928	grab	altered gabbro	6% py		686	1.3
70808	612970	4205133	539544-5470732	grab	altered felsic rock	10% py		425	
70808	612071	4205133	539904-5470731	grab	carbonate altered gabbro	7% py		2	
70808	612072	4205133	539999-6470672	grab	felsic gossan silicified	4% py		82	
70808	612073	4205133	539579-5470901	grab	altered gabbro	10% py		2	
70816	612074	4205133	539880-5470593	grab	altered carbonated felsic	6% py		113	

## Sample Summary 2007

## Howie Lake Gold Project

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70816	612075	4205133	539880-5470593	grab	altered carbonated felsic	8% py	189		
70825	612076	4205133	539516-5470738	grab	grey altered rock	1% py	31		
70825	612077	4205133	539845-5470750	grab	altered gabbro	3% py	178		
70825	612078	4205133	539942-5470900	grab	carbonate altered gabbro (fiji)	3% py	391	0.5	
70825	612079	4205133	539942-5470900	grab	carbonate altered gabbro (fiji)	7% py	171	1.7	
70825	612080	4205133	539941-5470875	grab	carbonate altered gabbro (fiji)	5% py	1696	3.3	
70825	612081	4205133	539941-5470875	grab	carbonate altered gabbro (fiji)	2% py	802		
70825	612082	4205133	539941-5470875	grab	gray silicified rock	3% py	86	1.8	
70825	612083	4205133	539921-5470858	grab	greenish-gray rock fractured	5% py	48	0.7	
70825	612084	4205133	539986-5470844	grab	altered gabbro rust	3% py	7	0.1	
70829	612085	4205133	539939-5470605	grab	altered conglomerate + Q	4% py	141		
70829	612086	4205133	539939-5470605	grab	altered conglomerate + Q	7% py	51		
70829	612087	4205133	539918-5470608	grab	slightly altered gabbro	4% py	nil		
70829	612088	4205133	539892-5470595	grab	felsic + Q components	10% py	175	0.1	
70829	612089	4205133	539580-5470895	grab	carbonate altered gabbro	25% fine py	490	0.4	
70901	612090	4215253	540172-5470536	grab	layered carb altered gabbro	4% py	247		
70901	612091	4215252	540187-5470384	grab	silicified felsic	1% py	65		
70901	612092	4205133	540501-5470919	grab	silicified conglomerate	10% py	1471		
70910	612093	4205133	540062-5471298	grab	altered kawie shist zone	5%py	542		
70910	612094	4205133	540062-5471298	8ft. chip	intermediate volcanic tuff	8% fine py	511		
70910	612095	4205133	540070-5471295	grab	intermediate volcanic tuff	5% py	384		
70910	612096	4215252	540217-5471251	grab	intermediate volcanic tuff	4% py rust	82		
70910	612097	4215252	540232-5471244	grab	intermediate volcanic tuff	3% py	345		
70919	612098	4215252	540227-5471246	8 m chip	intermediate volcanic tuff	4% py	NOT RECEIVED		
70919	612099	4215252	540227-5471269	grab	Q components in 1 m tuff	3% py			
70919	612100	4215252	540126-5471260	grab	Carbonate altered Q diorite	4% py			
70919	612100	4215252	540600-5470386	grab	Q vein in altered gabbro	3% py			



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

6W-3584-RG1

Company: **A.GLATZ**

Date: NOV-09-06

Project:

Attn: A.Glatz

We hereby certify the following Geochemical Analysis of 8 Rock samples submitted NOV-07-06 by .

Sample Number	Au PPB	Au Check PPB
0719	130	141
0720	730	-
0721	10	-
0722	5146	5064
0723	405	-
0724	1769	-
0725	432	-
0726	737	-

*John Glatz*

Certified by John Glatz



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Assay Certificate

**6W-4325-RA1**

Company: **A. GLATZ**

Date: JAN-23-07

Project:

Attn: A. Glatz

*We hereby certify the following Assay of 2 Rock samples  
submitted DEC-27-06 by .*

Sample Number	Au PPB	Au Check PPB
0740	10	-
610667	6309	5554

*Certified by* Dennis Glatz



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

7W-1487-RG1

Company: A GLATZ

Date: MAY-02-07

Project:

Attn: A.Glatz

We hereby certify the following Geochemical Analysis of 14 Rock samples submitted APR-20-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Multi Element
0743	41	-	0.1	Results
0744	65	-	1.6	to
0745	254	254	1.1	follow
0746	72	-	-	
0747	55	-	-	
0748	165	-	4.1	
0749	195	-	0.7	
0750	86	165	0.4	
0760	62	-	-	
0761	48	-	-	
0762	Nil	-	-	
0763	55	-	-	
0764	55	-	-	
0765	82	-	-	
Blank	Nil	-	-	
STD OxJ47	2400	-	-	

Certified by Denis Chotka

**A GLATZ**

Attention: A.Glatz

Project:

Sample type:

**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 7W1487RJ

Date : May-09-07

**Multi-Element ICP-AES Analysis**

Aqua Regia Digestion

Sample Number	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Zr
	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
0746	<0.2	1.72	<5	37	<0.5	<5	0.74	5	76	164	176	8.99	<1	0.19	<10	1.11	513	<2	0.11	122	261	5	>5.06	10	2	2	<5	0.23	<10	32	71	18	103	7 WOLF L.
0747	<0.2	1.96	<5	<10	<0.5	<5	0.79	2	32	162	120	3.33	<1	0.01	<10	1.36	529	<2	0.09	97	152	<2	0.20	8	3	<1	<5	0.14	<10	<10	49	<10	7	2 WOLF L.
0762	<0.2	0.23	5	46	<0.5	<5	1.99	1	5	105	11	1.60	<1	0.07	11	0.14	335	<2	0.05	4	375	<2	0.02	6	1	20	<5	<0.03	<10	16	1	<10	24	15 KAWASHE GRANUL
0763	<0.2	0.08	136	30	<0.5	<5	0.11	2	103	76	65	3.95	<1	0.02	<10	0.02	109	<2	0.01	161	516	4	2.12	<5	3	<1	<5	<0.03	<10	16	10	<10	26	7 TABOR L.
0764	<0.2	0.24	5	47	<0.5	<5	2.41	1	11	146	11	2.35	<1	0.07	<10	0.15	392	<2	0.05	14	624	2	<0.01	<5	2	16	<5	<0.01	<10	26	3	<10	26	8 TABOR L.
0765	<0.2	1.35	34	23	<0.5	<5	7.21	3	50	83	73	6.47	<1	0.04	19	1.18	1228	<2	0.05	24	2041	3	0.04	7	8	57	9	<0.01	<10	52	53	<10	62	31

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 26ml.



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Assaying - Consulting - Representation

## Geochemical Analysis Certificate

7W-1822-RG1

Company: **A. GLATZ**

Date: MAY-15-07

Project:

Attn: A. Glatz

We hereby certify the following Geochemical Analysis of 8 Rock samples submitted MAY-09-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Multi Element
610332	75	-	0.1	Results
610333	Nil	Nil	-	to
610334	147	-	-	follow
610335	Nil	-	-	
610336	Nil	-	-	
610337	Nil	-	-	
610338	34	-	-	
610339	55	51	-	

✓

Certified by Denis Chantre



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

7W-1779-RG1

Company: A. GLATZ

Date: MAY-16-07

Project:

Attn: A. Glatz

We hereby certify the following Geochemical Analysis of 24 Rock samples submitted MAY-04-07 by .

Sample Number	Au PPB	Au Check PPB
791	17	-
792	Nil	-
793	103	-
794	93	-
795	82	79
796	Nil	-
797	Nil	-
798	1125	-
799	Nil	-
800	Nil	Nil
12001	48	-
612002	14	-
612003	38	-
612004	Nil	-
612005	14	-
612006	Nil	-
612007	439	672
612008	Nil	-
610328	Nil	-
610329	10	-
610330	106	99
610331	103	-
610670	161	-
No tag	624	-
Blank	Nil	-
STD OxJ47	2427	-

Howie L.

Certified by Denis Chasten



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

7W-1824-RG1

Company: **A. GLATZ**

Date: MAY-22-07

Project:

Attn: A. Glatz

We hereby certify the following Geochemical Analysis of 7 Rock samples submitted MAY-09-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Multi Element	Pt PPB	Pd PPB
610340	14	-	-	Results	-	-
610341	Nil	-	-	to	-	-
610342	Nil	-	0.1	follow	-	-
610343	Nil	-	-		-	-
610344	Nil	-	0.1		<5	<5
610345	291	233	-		-	-
610346	7	-	-		-	-

Certified by Denis Glatz

**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

**A. GLATZ**

Attention: A. Glatz

Project:

Sample type:

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : TW1822RJ

Date : May-25-07

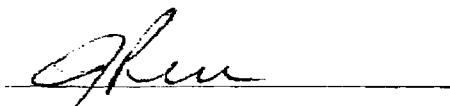
**Multi-Element ICP-AES Analysis**

Aqua Regia Digestion

Sample Number	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ca	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Zr	
	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
215252	610333	<0.2	2.05	<5	<10	<0.5	<5	7.84	2	14	63	30	3.84	<1	0.03	<10	3.33	990	<2	0.02	29	233	<2	0.04	<5	4	4	8	<0.01	<10	61	40	<10	42	8
	610334	<0.2	0.38	20	22	<0.5	<5	2.08	2	63	239	15	3.39	1	0.07	<10	0.58	615	<2	0.01	49	66	3	0.78	5	2	9	<5	<0.01	<10	38	9	<10	19	4
— 4 —	610335	<0.2	1.81	5	18	<0.5	<5	5.98	4	39	138	137	5.35	1	0.09	<10	3.02	1225	<2	0.01	120	242	<2	0.16	<5	6	67	7	<0.01	<10	68	41	<10	69	5
— 5 —	610336	<0.2	4.76	<5	<10	<0.5	<5	1.86	6	38	39	3	10.16	1	<0.01	<10	3.51	873	<2	0.01	29	686	<2	0.52	5	25	16	<5	0.04	<10	55	136	15	157	10
— 6 —	610337	<0.2	1.44	<5	15	<0.5	<5	0.55	2	13	136	10	3.93	<1	0.05	<10	1.53	275	<2	0.04	52	525	4	0.76	5	4	<1	<5	0.07	<10	23	55	<10	34	7
— 7 —	610338	<0.2	0.94	47	22	<0.5	<5	0.22	3	27	189	49	5.36	1	0.10	<10	0.96	214	<2	0.04	88	190	5	1.57	8	3	1	<5	0.25	<10	25	809	13	50	5
— 8 —	610339	<0.2	1.40	18	16	<0.5	<5	1.01	2	17	314	35	3.08	1	0.11	<10	1.08	359	<2	0.03	43	461	<2	0.52	<5	2	<1	<5	<0.01	<10	26	29	<10	94	13

*Nothing new*

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



# Assayers Canada

A. GLATZ

Attention: A. Glatz

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Report No : 7W1822RJ

Tel: (604) 327-3436 Fax: (604) 327-3423

Date : May-25-07

Project:

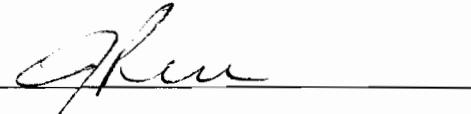
Sample type:

## Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
610333	<0.2	2.05	<5	<10	<0.5	<5	7.84	2	14	63	30	3.84	<1	0.03	<10	3.33	990	<2	0.02	29	233	<2	0.04	<5	4	4	8	<0.01	<10	61	40	<10	42	8
610334	<0.2	0.38	20	22	<0.5	<5	2.08	2	63	239	15	3.39	1	0.07	<10	0.58	615	<2	0.01	49	66	3	0.78	5	2	9	<5	<0.01	<10	38	9	<10	19	4
610335	<0.2	1.81	5	18	<0.5	<5	5.98	4	39	138	137	6.35	1	0.09	<10	3.02	1206	<2	0.01	120	242	<2	0.16	<5	6	67	7	<0.01	<10	68	41	<10	69	5
610336	<0.2	4.76	<5	<10	<0.5	<5	1.86	6	38	39	3	10.16	1	<0.01	<10	3.51	873	<2	0.01	29	686	<2	0.52	5	25	16	<5	0.04	<10	55	136	15	157	10
610337	<0.2	1.44	<5	15	<0.5	<5	0.55	2	13	136	10	3.93	<1	0.05	<10	1.53	275	<2	0.04	52	525	4	0.76	5	4	<1	<5	0.07	<10	23	55	<10	34	7
610338	<0.2	0.94	42	22	<0.5	<5	0.22	3	27	189	40	5.36	1	0.10	<10	0.96	214	<2	0.04	88	190	5	1.57	8	3	1	<5	0.25	<10	25	109	13	50	5
610339	<0.2	1.40	18	16	<0.5	<5	1.01	2	17	114	35	3.08	1	0.11	<10	1.08	359	<2	0.03	43	461	<2	0.52	<5	2	<1	<5	<0.01	<10	26	29	<10	94	13

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



**Assayers Canada****A. GLATZ**

Attention: A. Glatz

Project:

Sample type:

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 7W1824RJ

Date : May-31-07

**Multi-Element ICP-AES Analysis**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
610340	<0.2	3.40	19	53	<0.5	7	1.37	4	48	428	72	11.45	<1	0.07	69	1.47	913	3	0.02	126	1468	26	2.55	28	8	75	16	0.01	27	53	296	<10	185	27
610341	<0.2	3.35	26	48	<0.5	<5	2.40	2	48	147	77	8.35	<1	0.08	14	1.55	2211	<2	0.02	134	669	26	0.33	13	11	193	6	0.03	<10	44	118	<10	122	23
610343	<0.2	2.71	<5	825	1.2	<5	3.13	1	31	75	79	5.17	<1	1.94	42	2.74	897	<2	0.04	30	2470	6	0.29	9	6	240	9	0.27	26	24	112	<10	98	37
610345	<0.2	0.65	199	<10	<0.5	8	0.28	2	29	34	83	6.24	<1	0.03	<10	0.39	483	5	0.02	22	309	11	3.74	12	3	3	<5	0.01	10	23	42	<10	21	5
610346	0.3	0.70	<5	43	<0.5	<5	3.28	1	18	29	37	4.08	<1	0.04	10	0.90	746	<2	0.05	34	500	7	0.02	<5	4	34	<5	<0.01	<10	14	24	<10	75	7

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Assay Certificate

7W-2067-RA1

Company: **A. GLATZ**

Date: JUN-26-07

Project:

Attn: A. Glatz

We hereby certify the following Assay of 14 Rock samples  
submitted JUN-11-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Multi
801	1135	-	0.4	Results
802	353	-	0.5	to
803	5623	5760	1.9	follow
804	1577	-	1.5	
805	178	-	0.1	
806	710	-	0.7	
807	353	346	0.5	
612018	69	-	0.5	
612019 HIGH AS	3977	-	1.4	
612020 HIGH AS	2331	-	2.6	
612020a	93	72	0.1	
612021	3497	-	11.4	
612022	789	-	1.1	
612023	89	-	0.1	✓

Certified by Denis Chotko

**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

**GLATZ**

Attention:

Project:

Sample type:

Report No : 7W2067RJ

Date : Jul-05-07

**Multi-Element ICP-AES Analysis**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
801	0.9	1.22	5629	<10	<0.5	<5	1.62	2	34	137	38	5.08	<1	0.05	<10	0.93	459	<2	0.04	52	319	7	3.12	32	6	5	<5	<0.01	<10	18	60	<10	22	4
802	1.3	2.14	4063	11	<0.5	<5	3.22	2	26	130	78	6.23	<1	0.03	<10	1.80	885	<2	0.02	41	452	4	3.05	21	11	6	<5	<0.01	<10	20	101	<10	35	4
612019	2.0	0.90	>10000	33	<0.5	<5	0.17	1	40	90	68	5.15	<1	0.08	<10	0.55	257	3	0.01	50	253	6	2.53	59	3	7	<5	<0.01	<10	13	35	<10	20	4
612020	3.3	0.69	>10000	13	<0.5	<5	0.06	2	28	148	61	5.57	<1	0.09	<10	0.22	103	3	0.01	47	348	7	3.39	128	2	6	<5	<0.01	<10	21	28	<10	10	5
612022	2.1	0.71	4244	39	<0.5	<5	5.74	2	18	67	27	6.31	<1	0.07	<10	2.59	1576	<2	0.01	17	229	7	4.17	30	3	42	<5	<0.01	<10	19	43	<10	48	?
612023	0.9	2.88	168	50	<0.5	<5	0.61	3	28	86	59	7.96	<1	0.10	<10	1.81	844	3	0.01	24	721	5	1.02	14	11	13	<5	0.04	<10	32	144	<10	69	8

High arsenic content in the  
Fiji Vein

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

7W-2386-RG1

Company: **A. GLATZ**

Date: JUL-26-07

Project:

Attn: A. Glatz

We hereby certify the following Geochemical Analysis of 20 Rock/Humus samples submitted JUL-12-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM
808	Nil	-	0.1
809	Nil	-	0.1
810	Nil	-	0.1
811	Nil	-	0.1
812	Nil	-	0.1
813	Nil	-	0.1
814	10	-	0.1
815	Nil	-	0.1
816	Nil	-	0.1
817	14	-	0.1
818	Nil	-	0.1
819	Nil	-	0.1
820	4389	5280	-
821	3600	-	-
822	Nil	-	-
823	6377	3771	-
824	823	-	-
825	5246	6171	-
826	1269	-	-
827	Nil	-	-

Certified by Denis Chantre



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

7W-2848-RG1

Company: **A. GLATZ**

Date: AUG-30-07

Project:

Attn: A. Glatz

*We hereby certify the following Geochemical Analysis of 2 Rock samples submitted AUG-29-07 by .*

Sample Number	Au PPB	Au Check PPB
612076	31	31
612077	178	-

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*Certified by* Denis Chantry



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

7W-3085-RG1

Company: A. GLATZ

Date: OCT-03-07

Project:

Attn: A. Glatz

We hereby certify the following Geochemical Analysis of 13 Rock samples submitted SEP-11-07 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
837	62	-	Results PATHFINDER AZURITE
838	645	-	TO LOTIO VOLCANIC
839	Nil	-	follow FRACTURE & PLANES LOTIO
840	439	-	ADSORBANT TO 824
841	936	-	FROM AREA WHERE PORPH RUN NIL
842 not rec'd	-	-	
843 not rec'd	-	-	
844	14	-	CLIFF HOWIE
845	1101	984	TOP OF HILL SOIL + FINE
846	319	-	MAIN ZONE BOTTOM BEST SAMPLE
847	117	-	BEAVER POND ON TRAIL TO HOWIE
848	7	-	
849	274	-	
612074	113	-	
612075	189	182	

Howie

PROJECT

Certified by Denis Charly



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

KATHY H.

## Geochemical Analysis Certificate

7W-1823-RGT

Company: **J. RIIVES**

Date: MAY-15-07

Project:

Attn: J. Riives

We hereby certify the following Geochemical Analysis of 5 Rock samples submitted MAY-09-07 by .

Sample Number	Au PPB	Au PPB	Check Element	Multi
612009	106	230	Results	
612010	Nil	-	to	
612011	7	-	follow	
612012	65	62		
612013	1567	-		

Certified by Dan Chant

(QA)



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## Geochemical Analysis Certificate

7W-1825-RG1

Company: **J. RIIVES**

Date: MAY-22-07

Project:

Attn: J. Riives

We hereby certify the following Geochemical Analysis of 4 Rock samples submitted MAY-09-07 by .

Sample Number	Au PPB	Multi Element
612014	2	Results
612015	Nil	to
612016	Nil	follow
612017	Nil	

---

Certified by Denis Chester

(QB)

**Assayers Canada****J. RIIVES**

Attention: J. Riives

Project:

Sample type:

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 7W1823RJ

Date : May-25-07

**Multi-Element ICP-AES Analysis**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca ppm	Cd %	Cr ppm	Cu ppm	Fe ppm	Hg %	K ppm	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm	
612010	<0.2	3.70	10	<10	<0.5	<5	0.84	3	32	120	20	6.01	<1	0.01	<10	3.39	936	<2	0.01	70	235	8	0.01	<5	14	1	<5	0.07	<10	18	134	10	87	5
612011	<0.2	3.42	24	12	<0.5	<5	1.27	4	39	117	142	6.71	1	0.04	<10	2.94	860	<2	0.02	77	248	<2	0.26	<5	8	1	<5	0.10	<10	21	128	<10	75	5
612012	0.5	1.74	116	12	<0.5	<5	0.27	2	17	75	96	4.57	<1	0.09	<10	1.78	287	<2	0.01	42	312	27	0.94	6	6	<1	<5	<0.01	<10	16	52	10	49	4
612013	1.3	0.65	1141	22	<0.5	<5	0.21	4	31	119	75	6.04	<1	0.09	<10	0.57	211	<2	0.01	62	164	122	4.15	7	1	1	<5	0.04	<10	29	26	<10	336	4

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO<sub>3</sub> at 95°C for 2 hours and diluted to 25ml.

**Assayers Canada****J. RIIVES**

Attention: J. Riives

Project:

Sample type:

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

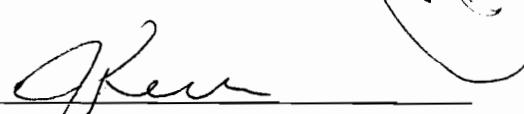
Tel: (604) 327-3436 Fax: (604) 327-3423

**Report No :** 7W1825RJ**Date :** May-31-07**Multi-Element ICP-AES Analysis**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Cc ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
612015	0.3	2.60	<5	10	<0.5	<5	2.14	1	39	143	144	5.21	<1	0.02	<10	2.04	823	2	0.04	84	213	<2	0.12	<5	9	14	<5	0.12	28	18	110	<10	66	3
612016	0.5	1.19	<5	20	<0.5	<5	1.96	<1	18	105	631	2.71	<1	0.11	<10	1.04	449	<2	0.01	29	194	2	0.50	<5	2	16	<5	0.04	<10	<10	33	<10	29	6

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.





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## Geochemical Analysis Certificate

7W-2186-RG1 ✓

Company: **J. RIIVES**

Date: JUN-26-07

Project:

Attn: J. Riives

We hereby certify the following Geochemical Analysis of 27 Rock samples submitted JUN-20-07 by .

Sample Number	Au PPB	Au Check PPB
612024	38	-
612025	Nil	-
612026	Nil	-
612027	Nil	-
612028	10	Nil
612029	82	-
612030	117	-
612031	7	-
612032	7	-
612033	55	-
612034	34	-
612035	Nil	-
612036	Nil	-
612037	Nil	-
612038	Nil	Nil
612039 missing mm.	24	NO CHARGE - OK
612040	Nil	-
612041	7	-
612042	17	-
612168	27	-
612169	Nil	-
612170	Nil	-
612171	55	51
612172 missing mm.	17	NOT CHARGED
612173	21	-
612174	24	-
612175	17	-
Blank	Nil	-
STD OXJ47	2379	-

Certified by J. Riives



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## Geochemical Analysis Certificate

7W-2384-RG1

Company: **J. RIIVES**  
Project: KL  
Attm: J. Riives

Date: JUL-23-07

We hereby certify the following Geochemical Analysis of 5 Rock samples submitted JUL-19-07 by .

Sample Number	Au PPB	Au Check PPS	Multi Element
512045	48	45	Results
512046	34	-	cc
512047	Nil	-	follow
512048	27	34	
512049	17	-	

Certified by Denis Chotka



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## Geochemical Analysis Certificate

7W-2580-RG1

Company: **J. RIIVES**  
Project: **K.L**  
Attn: **J. Riives**

Date: AUG-08-06

We hereby certify the following Geochemical Analysis of 8 Rock samples submitted JUL-27-07 by .

Sample Number	Au PPB	Au PPB	Check Element	Multi Results
612050	120	-		Results
612051	93	-		to
612052	387	442	follow	
612053	168	-		
612054	226	206		
612055	614	-		
612056	442	507		
612057	62	-		

Certified by J.Riives



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## Geochemical Analysis Certificate

7W-2633-RG1

Company: **J. RIIVES**  
Project: **K.L**  
Attn: **J. Riives**

Date: AUG-14-07

We hereby certify the following Geochemical Analysis of 7 Rock samples submitted AUG-01-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Multi Element
612058	2	-	-	Result
612059	Nil	Nil	0.1	to
612060	Nil	-	-	follow
612061	10	-	0.1	
612062	Nil	-	-	
612063	Nil	Nil	-	
612064	7	-	-	

Certified by Denis Chantre

**Assayers Canada****J. RIIVES**

Attention: J. Riives

Project: KL

Sample type:

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 7W2384RJ

Date : Aug-25-07

**Multi-Element ICP-AES Analysis**

Aqua Regia Digestion

*14*

Sample Number	Ag	Al	As	Ba	Be	Br	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Si	Th	Tl	Tl	U	V	W	Zn	Zr	
	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
612047	<0.2	1.90	29	15	<0.5	<5	0.34	2	14	100	25	4.22	1	0.03	<10	1.28	414	<2	0.07	34	398	13	2.69	8	4	<1	7	0.01	11	<10	49	<10	73	9	
612049	<i>Nil</i>	<0.2	0.19	6	13	<0.5	<5	>15.00	2	<1	23	3	4.17	<1	<0.01	<10	9.41	3051	<2	0.01	5	143	4	0.67	<5	1	105	5	<0.01	<10	<10	12	<10	26	2

*17*

A .5 gm sample is digested with 5 ml 3.1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml





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## Assay Certificate

7W-2782-RA1

Company: **J. RIIVES**  
Project: **K.L**  
Attn: **J. Rives**

Date: **AUG-27-07**

We hereby certify the following Assay of 9 Rock samples  
submitted AUG-09-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Multi Element
612065	2811	-	-	Results
612066	7	-	-	to
612067	130	141	-	follow
612068	795	-	-	
612069	686	-	1.3	
612070	425	353	-	
612071	2	-	-	
612072	82	-	-	
612073	3	-	-	

*Certified by Dennis Chotek*

**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Report No : TW263

**J. RIIVES**

Attention: J. Riives

Date : Sep-06-07

Project: K.L.

Sample type:

Howie L.

**Multi-Element ICP-AES Analysis**

Aqua Regia Digestion

4U

Sample Number	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Zr	
	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm			
612063	7	0.7	1.41	30	13	<0.5	<5	0.08	1	8	57	3	3.26	<1	0.06	<10	0.93	179	<2	0.04	19	369	<2	0.61	9	1	3	<5	<0.01	<10	13	14	<10	44	9

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO<sub>3</sub> at 95°C for 2 hours and diluted to 25ml.

*J. Riives*



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## Geochemical Analysis Certificate

7W-2904-RG1

Company: **J. RIIVES**

Date: SEP-11-07

Project: H.L

Attn: J. Riives

We hereby certify the following Geochemical Analysis of 5 Rock samples submitted AUG-31-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM
612085	141	65	-
612086	51	-	-
612087	Nil	-	-
612088	175	-	0.1
612089	490	-	0.4

Certified by Dennis Chantre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0  
Telephone (705) 642-3244      Fax (705) 642-3300

(7)

J. RIIVES

Attention: J. Riives

Project: K.L

Sample type:

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
Tel: (604) 327-3436 Fax: (604) 327-3423

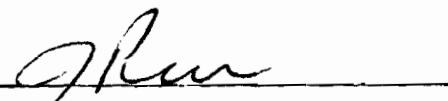
Report No : 7W2782RJ  
Date : Sep-19-07

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
612068 795	1.6	1.09	151	34	<0.5	<5	3.35	2	14	60	84	4.38	<1	0.04	<10	1.65	1598	<2	0.02	35	340	10	1.39	8	2	<1	<5	<0.01	<10	<10	20	<10	43	9

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.





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## Geochemical Analysis Certificate

7W-2997-RG1

Company: **J. RIIVES**

Date: SEP-25-07

Project:

Attn: J. Riives

We hereby certify the following Geochemical Analysis of 15 Rock samples submitted SEP-13-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Pt PPB	Pd PPB
612078	391	-	0.5	-	-
612079	171	-	1.7	-	-
612080	3696	3758	3.3	-	-
612081	802	-	-	-	-
612082	86	-	1.8	-	-
612083	48	-	0.7	-	-
612084	7	-	0.1	-	-
612090	247	-	-	<5	<5
612091	65	-	-	-	-
612092	1471	-	-	-	-
612093	542	-	-	-	-
612094	511	-	-	-	-
612095	384	-	-	-	-
612096	82	-	-	-	-
612097	346	-	-	-	-

Certified by Denis Chantre



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

7W.2926-RG1

Company: J. RIIVES  
 Project: H.L.  
 Att: J. Riives

Houze L.

Date: JAN-10-08

We hereby certify the following Geochemical Analysis of 9 Rock samples submitted DEC-05-07 by:

Sample Number	Au PPB	Au Check PPB	Ag PPM	Location
612098 4215252	312	GARB. ALT. SHEAR. B' CHIF STM: TUFF, 4%Py - IRRATIC		S. SHORE KAWNIKAWAL.
612099 "	138	Q. V. 3% Py. BLACK + WHITE IN TUFF SHEAR.		
612100 "	Nil			GTZ. DIORITE. 4%Py
612101 " LAYERED GARB. 2	3	3%Py		W. SIDE OF S. KAWI L. OUTLET
612102 " BANDED	888			" " "
612103 " D.D. AREA	Nil		0.1 or 5% FINE Py. FRACTURED - CHERTY	
612104 " " "	Nil			" " "
612105 " GARB. ALT. 103				N.W. END OF S. KAWI L. - GTZ. MONSONITE 4%Py
612106 " " 48				6m NEARLY FRESH ALT. + Q 1%Py

ON S. KAWI L. - 30 m W. OF ~~NEAR~~ OUTLET.

- THIS IS THE SAMPLE  
THAT WAS LOST

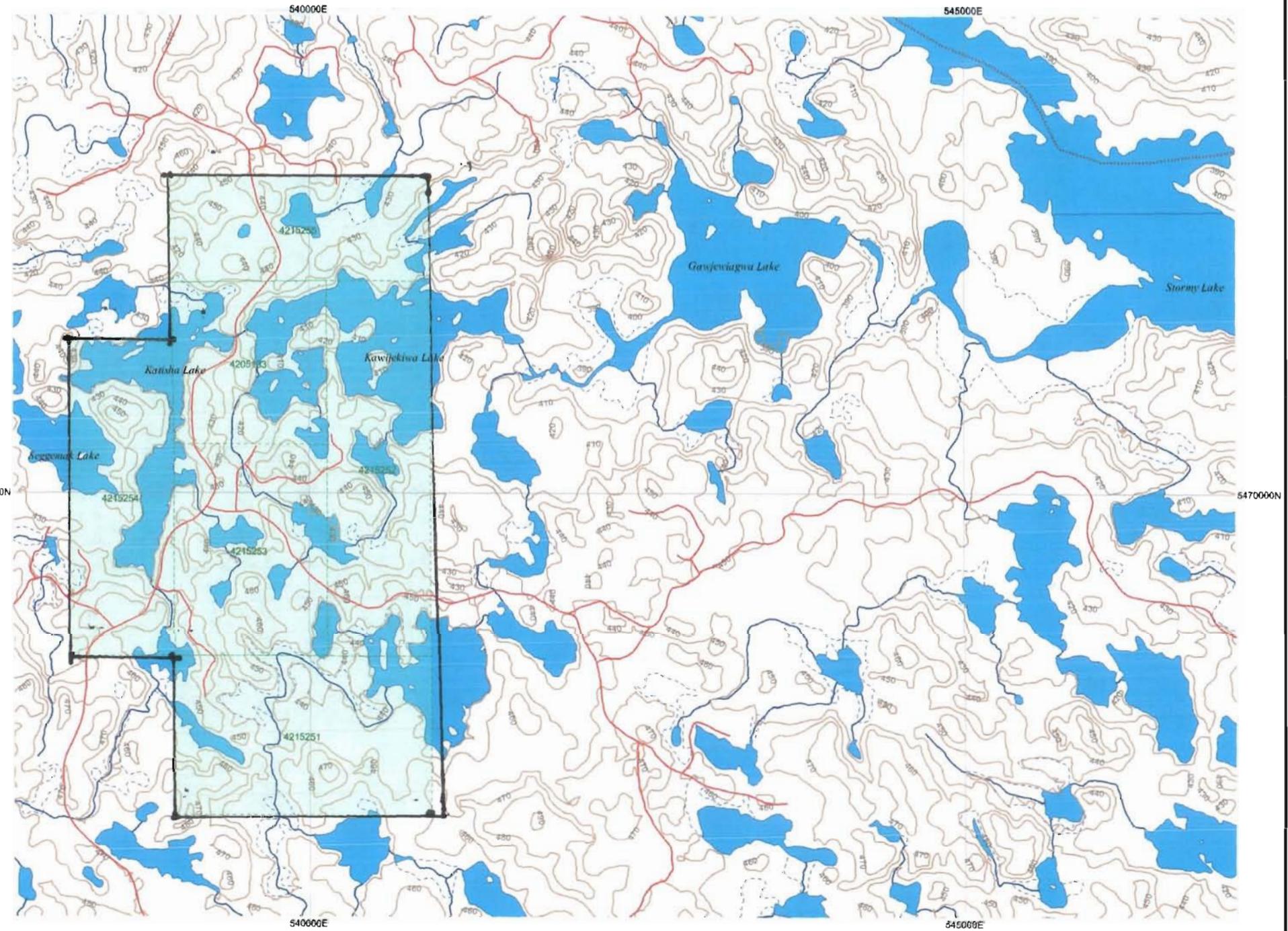
- SWL HAVE HUMUS + ROCK  
STM DUE FROM VERMILION L.

Certified by

## Sample Summary 2007

## Howie Lake Gold Project

	<u>Sample#</u>	<u>Claim#</u>	<u>UTM / Nad 83</u>	<u>Sample</u>	<u>Lithology</u>	<u>Minerals</u>	<u>Au ppb</u>	<u>Ag g/t</u>	<u>Other</u>
70816	612075	4205133	539880-5470593	grab	altered carbonated felsic	8% py	189		
70825	612076	4205133	539516-5470738	grab	grey altered rock	1% py	31		
70825	612077	4205133	539845-5470750	grab	altered gabbro	3% py	178		
70825	612078	4205133	539942-5470900	grab	carbonate altered gabbro (fiji)	3% py	391	0.5	
70825	612079	4205133	539942-5470900	grab	carbonate altered gabbro (fiji)	7% py	171	1.7	
70825	612080	4205133	539941-5470875	grab	carbonate altered gabbro (fiji)	5% py	1696	3.3	
70825	612081	4205133	539941-5470875	grab	carbonate altered gabbro (fiji)	2% py	802		
70825	612082	4205133	539941-5470875	grab	gray silicified rock	3% py	86	1.8	
70825	612083	4205133	539921-5470858	grab	greenish-gray rock fractured	5% py	48	0.7	
70825	612084	4205133	539986-5470844	grab	altered gabbro rust	3% py	7	0.1	
70829	612085	4205133	539939-5470605	grab	altered conglomerate + Q	4% py	141		
70829	612086	4205133	539939-5470605	grab	altered conglomerate + Q	7% py	51		
70829	612087	4205133	539918-5470608	grab	slightly altered gabbro	4% py	nil		
70829	612088	4205133	539892-5470595	grab	felsic + Q components	10% py	175	0.1	
70829	612089	4205133	539580-5470895	grab	carbonate altered gabbro	25% fine py	490	0.4	
70901	612090	4215253	540172-5470536	grab	layered carb altered gabbro	4% py	247		
70901	612091	4215252	540187-5470384	grab	silicified felsic	1% py	65		
70901	612092	4205133	540501-5470919	grab	silicified conglomerate	10% py	1471		
70910	612093	4205133	540062-5471298	grab	altered kawie shist zone	5%py	542		
70910	612094	4205133	540062-5471298	8ft. chip	intermediate volcanic tuff	8% fine py	511		
70910	612095	4205133	540070-5471295	grab	intermediate volcanic tuff	5% py	384		
70910	612096	4215252	540217-5471251	grab	intermediate volcanic tuff	4% py rust	82		
70910	612097	4215252	540232-5471244	grab	intermediate volcanic tuff	3% py	345		
70919	612098	4215252	540227-5471246	8 m chip	intermediate volcanic tuff	4% py	312		
70919	612099	4215252	540227-5471269	grab	Q components in 1 m tuff	3% py	158		
70919	612100	4215252	540126-5471260	grab	Carbonate altered Q diorite	4% py	nil		
70919	612101	4215252	540600-5470386	grab	Q vein in altered gabbro	3% py	2		



1: 40,000